

ISCST3x VERSION 4.4.3  
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Run Began on 4/18/2008 at 18:21:03

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S  
Bound.dat  
\*\* Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA\_S1 AREA -4.5 135.0 0

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

SO LOCATION NCRA\_S2 AREA -4.5 45.0 0

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

SO LOCATION NCRA\_S3 AREA -4.5 -45.0 0

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

SO LOCATION NCRA\_S4 AREA -4.5 -135.0 0

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

SO LOCATION NCRA\_S5 AREA -4.5 -225.0 0

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

SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 0 2.3

SO SRCGROUP NCRA\_S1 NCRA\_S1

SO SRCGROUP NCRA\_S2 NCRA\_S2

SO SRCGROUP NCRA\_S3 NCRA\_S3

SO SRCGROUP NCRA\_S4 NCRA\_S4

SO SRCGROUP NCRA\_S5 NCRA\_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

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

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

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RE DISCCART	-90.0	-220.0	1.2
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RE DISCCART	-30.0	-220.0	1.2
RE DISCCART	-25.0	-220.0	1.2
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RE DISCCART	-17.0	-220.0	1.2
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RE DISCCART	-13.0	-220.0	1.2
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RE DISCCART	13.0	-220.0	1.2
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RE DISCCART	90.0	-220.0	1.2
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RE DISCCART	-17.0	-210.0	1.2
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RE DISCCART	-9.0	-210.0	1.2
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RE DISCCART	13.0	-210.0	1.2
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RE DISCCART	70.0	-200.0	1.2
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RE DISCCART	-20.0	-190.0	1.2
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RE DISCCART	-60.0	-180.0	1.2
RE DISCCART	-50.0	-180.0	1.2
RE DISCCART	-40.0	-180.0	1.2
RE DISCCART	-30.0	-180.0	1.2
RE DISCCART	-25.0	-180.0	1.2
RE DISCCART	-20.0	-180.0	1.2

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

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

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

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



RE DISCCART	-9.0	200.0	1.2
RE DISCCART	9.0	200.0	1.2
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RE DISCCART	13.0	200.0	1.2
RE DISCCART	15.0	200.0	1.2
RE DISCCART	17.0	200.0	1.2
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RE DISCCART	-90.0	210.0	1.2
RE DISCCART	-80.0	210.0	1.2
RE DISCCART	-70.0	210.0	1.2
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RE DISCCART	-20.0	210.0	1.2
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RE DISCCART	11.0	210.0	1.2
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RE DISCCART	30.0	210.0	1.2
RE DISCCART	40.0	210.0	1.2
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RE DISCCART	60.0	210.0	1.2
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RE DISCCART	80.0	210.0	1.2

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RE DISCCART	9.0	220.0	1.2
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RE DISCCART	13.0	220.0	1.2
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RE DISCCART	17.0	220.0	1.2
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RE DISCCART	50.0	220.0	1.2
RE DISCCART	60.0	220.0	1.2
RE DISCCART	70.0	220.0	1.2
RE DISCCART	80.0	220.0	1.2
RE DISCCART	90.0	220.0	1.2
RE DISCCART	100.0	220.0	1.2
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RE DISCCART	-80.0	230.0	1.2
RE DISCCART	-70.0	230.0	1.2
RE DISCCART	-60.0	230.0	1.2
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RE DISCCART	-30.0	230.0	1.2
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RE DISCCART	-20.0	230.0	1.2
RE DISCCART	-17.0	230.0	1.2
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RE DISCCART	-13.0	230.0	1.2
RE DISCCART	-11.0	230.0	1.2
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RE DISCCART	9.0	230.0	1.2
RE DISCCART	11.0	230.0	1.2
RE DISCCART	13.0	230.0	1.2
RE DISCCART	15.0	230.0	1.2
RE DISCCART	17.0	230.0	1.2
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RE DISCCART	30.0	230.0	1.2
RE DISCCART	40.0	230.0	1.2
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RE DISCCART	60.0	230.0	1.2
RE DISCCART	70.0	230.0	1.2
RE DISCCART	80.0	230.0	1.2
RE DISCCART	90.0	230.0	1.2
RE DISCCART	100.0	230.0	1.2
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RE DISCCART	-50.0	240.0	1.2
RE DISCCART	-40.0	240.0	1.2
RE DISCCART	-30.0	240.0	1.2
RE DISCCART	-25.0	240.0	1.2
RE DISCCART	-20.0	240.0	1.2
RE DISCCART	-17.0	240.0	1.2
RE DISCCART	-15.0	240.0	1.2
RE DISCCART	-13.0	240.0	1.2
RE DISCCART	-11.0	240.0	1.2
RE DISCCART	-9.0	240.0	1.2
RE DISCCART	9.0	240.0	1.2
RE DISCCART	11.0	240.0	1.2
RE DISCCART	13.0	240.0	1.2
RE DISCCART	15.0	240.0	1.2
RE DISCCART	17.0	240.0	1.2
RE DISCCART	20.0	240.0	1.2
RE DISCCART	25.0	240.0	1.2
RE DISCCART	30.0	240.0	1.2
RE DISCCART	40.0	240.0	1.2
RE DISCCART	50.0	240.0	1.2
RE DISCCART	60.0	240.0	1.2

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

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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\_N-S Bound.LST"  
 \*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound.RAW"  
 \*\* RAWFMT 2  
 \*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
 \*\*\* SETUP Finishes Successfully \*\*\*  
 \*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/18/08 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 18:21:03  
 \*\*MODELOPTs:  
 PAGE 1  
 CONC URBAN FLAT FLGPOL DFAULT

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

\*\*Intermediate Terrain Processing is Selected  
 \*\*Model Is Setup For Calculation of Average CONCentration Values.

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

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

\*\*Model Assumes Receptors on FLAT Terrain.  
 \*\*Model Accepts FLAGPOLE Receptor Heights.  
 \*\*Model Calculates ANNUAL Averages Only  
 \*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)  
 \*\*The Model Assumes A Pollutant Type of: OTHER  
 \*\*Model Set To Continue RUNning After the Setup Testing.

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

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

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

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\SANTAR-1\06NCRA-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 BY	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-4.5	135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S2	0	0.21100E-07	-4.5	45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S3	0	0.21100E-07	-4.5	-45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S4	0	0.21100E-07	-4.5	-135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S5	0	0.21100E-07	-4.5	-225.0	0.0	4.95	9.00	90.00	0.00	2.30

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

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

ALL                    NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03

\*\*MODELOPTs:

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

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



06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

18:21:03

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

04/18/08

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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



06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

18:21:03  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03

\*\*MODELOPTs:

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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



06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

18:21:03  
 \*\*MODELOPTS:  
 PAGE 20

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

18:21:03  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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



06NCRA SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M)	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 North/South Bound Direction \*\*\*

18:21:03

\*\*MODELOPTs:

PAGE 23

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

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

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-60.00	-240.00	0.00004	-50.00	-240.00	0.00005	
-40.00	-240.00	0.00005	-30.00	-240.00	0.00005	
-25.00	-240.00	0.00005	-20.00	-240.00	0.00005	
-17.00	-240.00	0.00005	-15.00	-240.00	0.00005	
-13.00	-240.00	0.00005	-11.00	-240.00	0.00005	
-9.00	-240.00	0.00005	9.00	-240.00	0.00005	
11.00	-240.00	0.00005	13.00	-240.00	0.00005	
15.00	-240.00	0.00005	17.00	-240.00	0.00005	
20.00	-240.00	0.00005	25.00	-240.00	0.00005	
30.00	-240.00	0.00005	40.00	-240.00	0.00005	
50.00	-240.00	0.00005	60.00	-240.00	0.00006	
70.00	-240.00	0.00006	80.00	-240.00	0.00006	
90.00	-240.00	0.00006	100.00	-240.00	0.00006	
-100.00	-230.00	0.00004	-90.00	-230.00	0.00004	
-80.00	-230.00	0.00004	-70.00	-230.00	0.00004	
-60.00	-230.00	0.00005	-50.00	-230.00	0.00005	
-40.00	-230.00	0.00005	-30.00	-230.00	0.00005	
-25.00	-230.00	0.00005	-20.00	-230.00	0.00005	
-17.00	-230.00	0.00005	-15.00	-230.00	0.00005	
-13.00	-230.00	0.00005	-11.00	-230.00	0.00005	
-9.00	-230.00	0.00005	9.00	-230.00	0.00005	
11.00	-230.00	0.00005	13.00	-230.00	0.00005	
15.00	-230.00	0.00005	17.00	-230.00	0.00005	

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 24  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-13.00	-220.00	0.00006	-11.00	-220.00	0.00006	
-9.00	-220.00	0.00006	9.00	-220.00	0.00006	
11.00	-220.00	0.00006	13.00	-220.00	0.00006	
15.00	-220.00	0.00006	17.00	-220.00	0.00006	
20.00	-220.00	0.00006	25.00	-220.00	0.00006	
30.00	-220.00	0.00006	40.00	-220.00	0.00006	
50.00	-220.00	0.00006	60.00	-220.00	0.00006	
70.00	-220.00	0.00006	80.00	-220.00	0.00007	
90.00	-220.00	0.00007	100.00	-220.00	0.00007	
-100.00	-210.00	0.00004	-90.00	-210.00	0.00004	
-80.00	-210.00	0.00004	-70.00	-210.00	0.00005	
-60.00	-210.00	0.00005	-50.00	-210.00	0.00005	
-40.00	-210.00	0.00005	-30.00	-210.00	0.00006	
-25.00	-210.00	0.00006	-20.00	-210.00	0.00006	
-17.00	-210.00	0.00006	-15.00	-210.00	0.00006	
-13.00	-210.00	0.00006	-11.00	-210.00	0.00006	
-9.00	-210.00	0.00006	9.00	-210.00	0.00006	
11.00	-210.00	0.00006	13.00	-210.00	0.00006	
15.00	-210.00	0.00006	17.00	-210.00	0.00006	
20.00	-210.00	0.00006	25.00	-210.00	0.00006	
30.00	-210.00	0.00006	40.00	-210.00	0.00006	
50.00	-210.00	0.00006	60.00	-210.00	0.00006	
70.00	-210.00	0.00007	80.00	-210.00	0.00007	
90.00	-210.00	0.00007	100.00	-210.00	0.00007	
-100.00	-200.00	0.00004	-90.00	-200.00	0.00004	
-80.00	-200.00	0.00004	-70.00	-200.00	0.00005	
-60.00	-200.00	0.00005	-50.00	-200.00	0.00005	
-40.00	-200.00	0.00006	-30.00	-200.00	0.00006	
-25.00	-200.00	0.00006	-20.00	-200.00	0.00006	

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

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 25  
 CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

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

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
20.00	-200.00	0.00006	25.00	-200.00	0.00006
30.00	-200.00	0.00006	40.00	-200.00	0.00006
50.00	-200.00	0.00007	60.00	-200.00	0.00007
70.00	-200.00	0.00007	80.00	-200.00	0.00007
90.00	-200.00	0.00007	100.00	-200.00	0.00008
-100.00	-190.00	0.00004	-90.00	-190.00	0.00004
-80.00	-190.00	0.00005	-70.00	-190.00	0.00005
-60.00	-190.00	0.00005	-50.00	-190.00	0.00006
-40.00	-190.00	0.00006	-30.00	-190.00	0.00006
-25.00	-190.00	0.00006	-20.00	-190.00	0.00006
-17.00	-190.00	0.00006	-15.00	-190.00	0.00006
-13.00	-190.00	0.00006	-11.00	-190.00	0.00006
-9.00	-190.00	0.00006	9.00	-190.00	0.00007
11.00	-190.00	0.00007	13.00	-190.00	0.00007
15.00	-190.00	0.00007	17.00	-190.00	0.00007
20.00	-190.00	0.00007	25.00	-190.00	0.00007
30.00	-190.00	0.00007	40.00	-190.00	0.00007
50.00	-190.00	0.00007	60.00	-190.00	0.00007
70.00	-190.00	0.00007	80.00	-190.00	0.00008
90.00	-190.00	0.00008	100.00	-190.00	0.00008
-100.00	-180.00	0.00004	-90.00	-180.00	0.00004
-80.00	-180.00	0.00005	-70.00	-180.00	0.00005
-60.00	-180.00	0.00005	-50.00	-180.00	0.00006
-40.00	-180.00	0.00006	-30.00	-180.00	0.00006
-25.00	-180.00	0.00006	-20.00	-180.00	0.00007
-17.00	-180.00	0.00007	-15.00	-180.00	0.00007
-13.00	-180.00	0.00007	-11.00	-180.00	0.00007
-9.00	-180.00	0.00007	9.00	-180.00	0.00007
11.00	-180.00	0.00007	13.00	-180.00	0.00007
15.00	-180.00	0.00007	17.00	-180.00	0.00007
20.00	-180.00	0.00007	25.00	-180.00	0.00007
30.00	-180.00	0.00007	40.00	-180.00	0.00007
50.00	-180.00	0.00007	60.00	-180.00	0.00008
70.00	-180.00	0.00008	80.00	-180.00	0.00008
90.00	-180.00	0.00008	100.00	-180.00	0.00009

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

18:21:03  
 \*\*MODELOPTS:  
 PAGE 26  
 CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S) :    NCRA\_S1 ,  
    \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
    \*\* CONC OF OTHER    IN MICROGRAMS/M\*\*3     \*\*  
 X-COORD (M)    Y-COORD (M)    CONC     X-COORD (M)    Y-COORD (M)    CONC

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03  
\*\*MODELOPTS:  
PAGE 27



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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00008	25.00	-150.00	0.00008
30.00	-150.00	0.00008	40.00	-150.00	0.00009
50.00	-150.00	0.00009	60.00	-150.00	0.00009
70.00	-150.00	0.00009	80.00	-150.00	0.00010
90.00	-150.00	0.00010	100.00	-150.00	0.00010
-100.00	-140.00	0.00005	-90.00	-140.00	0.00005
-80.00	-140.00	0.00005	-70.00	-140.00	0.00006
-60.00	-140.00	0.00006	-50.00	-140.00	0.00007
-40.00	-140.00	0.00007	-30.00	-140.00	0.00008
-25.00	-140.00	0.00008	-20.00	-140.00	0.00008
-17.00	-140.00	0.00008	-15.00	-140.00	0.00008
-13.00	-140.00	0.00008	-11.00	-140.00	0.00008
-9.00	-140.00	0.00008	9.00	-140.00	0.00009
11.00	-140.00	0.00009	13.00	-140.00	0.00009
15.00	-140.00	0.00009	17.00	-140.00	0.00009
20.00	-140.00	0.00009	25.00	-140.00	0.00009
30.00	-140.00	0.00009	40.00	-140.00	0.00009
50.00	-140.00	0.00009	60.00	-140.00	0.00010
70.00	-140.00	0.00010	80.00	-140.00	0.00010
90.00	-140.00	0.00011	100.00	-140.00	0.00011
-100.00	-130.00	0.00005	-90.00	-130.00	0.00005
-80.00	-130.00	0.00006	-70.00	-130.00	0.00006
-60.00	-130.00	0.00007	-50.00	-130.00	0.00007
-40.00	-130.00	0.00008	-30.00	-130.00	0.00008
-25.00	-130.00	0.00008	-20.00	-130.00	0.00009
-17.00	-130.00	0.00009	-15.00	-130.00	0.00009
-13.00	-130.00	0.00009	-11.00	-130.00	0.00009
-9.00	-130.00	0.00009	9.00	-130.00	0.00009
11.00	-130.00	0.00009	13.00	-130.00	0.00009
15.00	-130.00	0.00009	17.00	-130.00	0.00009
20.00	-130.00	0.00009	25.00	-130.00	0.00009
30.00	-130.00	0.00009	40.00	-130.00	0.00010
50.00	-130.00	0.00010	60.00	-130.00	0.00010
70.00	-130.00	0.00011	80.00	-130.00	0.00011
90.00	-130.00	0.00011	100.00	-130.00	0.00012
-100.00	-120.00	0.00005	-90.00	-120.00	0.00005
-80.00	-120.00	0.00006	-70.00	-120.00	0.00006

		06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound			
-60.00	-120.00	0.00007	-50.00	-120.00	0.00008
-40.00	-120.00	0.00008	-30.00	-120.00	0.00009
-25.00	-120.00	0.00009	-20.00	-120.00	0.00009

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

18:21:03  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-13.00	-100.00	0.00011	-11.00	-100.00	0.00011	
-9.00	-100.00	0.00011	9.00	-100.00	0.00011	
11.00	-100.00	0.00011	13.00	-100.00	0.00011	
15.00	-100.00	0.00011	17.00	-100.00	0.00011	
20.00	-100.00	0.00011	25.00	-100.00	0.00011	
30.00	-100.00	0.00011	40.00	-100.00	0.00012	
50.00	-100.00	0.00012	60.00	-100.00	0.00013	
70.00	-100.00	0.00013	80.00	-100.00	0.00014	
90.00	-100.00	0.00014	100.00	-100.00	0.00014	

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

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

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
20.00	-80.00	0.00013	25.00	-80.00	0.00013
30.00	-80.00	0.00013	40.00	-80.00	0.00014
50.00	-80.00	0.00014	60.00	-80.00	0.00015
70.00	-80.00	0.00016	80.00	-80.00	0.00016
90.00	-80.00	0.00016	100.00	-80.00	0.00017
-100.00	-70.00	0.00007	-90.00	-70.00	0.00007
-80.00	-70.00	0.00007	-70.00	-70.00	0.00008
-60.00	-70.00	0.00009	-50.00	-70.00	0.00010
-40.00	-70.00	0.00011	-30.00	-70.00	0.00012
-25.00	-70.00	0.00012	-20.00	-70.00	0.00012
-17.00	-70.00	0.00013	-15.00	-70.00	0.00013
-13.00	-70.00	0.00013	-11.00	-70.00	0.00013
-9.00	-70.00	0.00013	9.00	-70.00	0.00014
11.00	-70.00	0.00014	13.00	-70.00	0.00014
15.00	-70.00	0.00014	17.00	-70.00	0.00014

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

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

18:21:03  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00016	-15.00	-40.00	0.00016
-13.00	-40.00	0.00016	-11.00	-40.00	0.00016
-9.00	-40.00	0.00016	9.00	-40.00	0.00017
11.00	-40.00	0.00017	13.00	-40.00	0.00017
15.00	-40.00	0.00017	17.00	-40.00	0.00018
20.00	-40.00	0.00018	25.00	-40.00	0.00018
30.00	-40.00	0.00018	40.00	-40.00	0.00019
50.00	-40.00	0.00020	60.00	-40.00	0.00021
70.00	-40.00	0.00022	80.00	-40.00	0.00023
90.00	-40.00	0.00023	100.00	-40.00	0.00023
-100.00	-30.00	0.00008	-90.00	-30.00	0.00009
-80.00	-30.00	0.00009	-70.00	-30.00	0.00010
-60.00	-30.00	0.00011	-50.00	-30.00	0.00012

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

18:21:03

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

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00009	-90.00	-10.00	0.00010
-80.00	-10.00	0.00011	-70.00	-10.00	0.00011
-60.00	-10.00	0.00012	-50.00	-10.00	0.00014
-40.00	-10.00	0.00016	-30.00	-10.00	0.00018
-25.00	-10.00	0.00019	-20.00	-10.00	0.00020
-17.00	-10.00	0.00020	-15.00	-10.00	0.00021
-13.00	-10.00	0.00021	-11.00	-10.00	0.00021

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-10.00	0.00021	9.00	-10.00	0.00023
11.00	-10.00	0.00023	13.00	-10.00	0.00023
15.00	-10.00	0.00023	17.00	-10.00	0.00023
20.00	-10.00	0.00024	25.00	-10.00	0.00024
30.00	-10.00	0.00025	40.00	-10.00	0.00026
50.00	-10.00	0.00028	60.00	-10.00	0.00029
70.00	-10.00	0.00030	80.00	-10.00	0.00031
90.00	-10.00	0.00031	100.00	-10.00	0.00031
-100.00	0.00	0.00010	-90.00	0.00	0.00011
-80.00	0.00	0.00011	-70.00	0.00	0.00012
-60.00	0.00	0.00013	-50.00	0.00	0.00015
-40.00	0.00	0.00017	-30.00	0.00	0.00019
-25.00	0.00	0.00021	-20.00	0.00	0.00022
-17.00	0.00	0.00022	-15.00	0.00	0.00023
-13.00	0.00	0.00023	-11.00	0.00	0.00023
-9.00	0.00	0.00024	9.00	0.00	0.00025
11.00	0.00	0.00025	13.00	0.00	0.00025
15.00	0.00	0.00026	17.00	0.00	0.00026
20.00	0.00	0.00026	25.00	0.00	0.00027
30.00	0.00	0.00028	40.00	0.00	0.00030
50.00	0.00	0.00031	60.00	0.00	0.00033
70.00	0.00	0.00033	80.00	0.00	0.00034
90.00	0.00	0.00035	100.00	0.00	0.00035
-100.00	10.00	0.00010	-90.00	10.00	0.00011
-80.00	10.00	0.00012	-70.00	10.00	0.00013
-60.00	10.00	0.00014	-50.00	10.00	0.00016
-40.00	10.00	0.00018	-30.00	10.00	0.00021
-25.00	10.00	0.00022	-20.00	10.00	0.00024
-17.00	10.00	0.00025	-15.00	10.00	0.00025
-13.00	10.00	0.00025	-11.00	10.00	0.00026
-9.00	10.00	0.00026	9.00	10.00	0.00028
11.00	10.00	0.00028	13.00	10.00	0.00028
15.00	10.00	0.00029	17.00	10.00	0.00029

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

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

18:21:03

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00029	25.00	10.00	0.00030

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	10.00	0.00031	40.00	10.00	0.00034
50.00	10.00	0.00035	60.00	10.00	0.00037
70.00	10.00	0.00038	80.00	10.00	0.00038
90.00	10.00	0.00038	100.00	10.00	0.00038
-100.00	20.00	0.00010	-90.00	20.00	0.00012
-80.00	20.00	0.00013	-70.00	20.00	0.00014
-60.00	20.00	0.00015	-50.00	20.00	0.00017
-40.00	20.00	0.00019	-30.00	20.00	0.00023
-25.00	20.00	0.00024	-20.00	20.00	0.00026
-17.00	20.00	0.00027	-15.00	20.00	0.00028
-13.00	20.00	0.00028	-11.00	20.00	0.00029
-9.00	20.00	0.00029	9.00	20.00	0.00031
11.00	20.00	0.00032	13.00	20.00	0.00032
15.00	20.00	0.00032	17.00	20.00	0.00033
20.00	20.00	0.00033	25.00	20.00	0.00034
30.00	20.00	0.00036	40.00	20.00	0.00038
50.00	20.00	0.00040	60.00	20.00	0.00042
70.00	20.00	0.00043	80.00	20.00	0.00043
90.00	20.00	0.00043	100.00	20.00	0.00042
-100.00	30.00	0.00011	-90.00	30.00	0.00012
-80.00	30.00	0.00014	-70.00	30.00	0.00015
-60.00	30.00	0.00017	-50.00	30.00	0.00018
-40.00	30.00	0.00021	-30.00	30.00	0.00024
-25.00	30.00	0.00027	-20.00	30.00	0.00029
-17.00	30.00	0.00030	-15.00	30.00	0.00031
-13.00	30.00	0.00032	-11.00	30.00	0.00032
-9.00	30.00	0.00033	9.00	30.00	0.00035
11.00	30.00	0.00036	13.00	30.00	0.00036
15.00	30.00	0.00036	17.00	30.00	0.00037
20.00	30.00	0.00038	25.00	30.00	0.00039
30.00	30.00	0.00041	40.00	30.00	0.00044
50.00	30.00	0.00046	60.00	30.00	0.00047
70.00	30.00	0.00048	80.00	30.00	0.00049
90.00	30.00	0.00048	100.00	30.00	0.00047
-100.00	40.00	0.00011	-90.00	40.00	0.00012
-80.00	40.00	0.00014	-70.00	40.00	0.00016
-60.00	40.00	0.00018	-50.00	40.00	0.00020
-40.00	40.00	0.00023	-30.00	40.00	0.00027
-25.00	40.00	0.00029	-20.00	40.00	0.00032

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

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

18:21:03  
 \*\*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
-17.00	40.00	0.00033	-15.00	40.00	0.00034
-13.00	40.00	0.00035	-11.00	40.00	0.00036
-9.00	40.00	0.00037	9.00	40.00	0.00040
11.00	40.00	0.00041	13.00	40.00	0.00041
15.00	40.00	0.00042	17.00	40.00	0.00042
20.00	40.00	0.00043	25.00	40.00	0.00045
30.00	40.00	0.00047	40.00	40.00	0.00051
50.00	40.00	0.00053	60.00	40.00	0.00055
70.00	40.00	0.00055	80.00	40.00	0.00055
90.00	40.00	0.00054	100.00	40.00	0.00052
-100.00	50.00	0.00011	-90.00	50.00	0.00013
-80.00	50.00	0.00015	-70.00	50.00	0.00017
-60.00	50.00	0.00020	-50.00	50.00	0.00022
-40.00	50.00	0.00025	-30.00	50.00	0.00029
-25.00	50.00	0.00032	-20.00	50.00	0.00035
-17.00	50.00	0.00037	-15.00	50.00	0.00039
-13.00	50.00	0.00040	-11.00	50.00	0.00041
-9.00	50.00	0.00042	9.00	50.00	0.00046
11.00	50.00	0.00047	13.00	50.00	0.00048
15.00	50.00	0.00048	17.00	50.00	0.00049
20.00	50.00	0.00051	25.00	50.00	0.00053
30.00	50.00	0.00055	40.00	50.00	0.00059
50.00	50.00	0.00062	60.00	50.00	0.00063
70.00	50.00	0.00063	80.00	50.00	0.00062
90.00	50.00	0.00060	100.00	50.00	0.00057
-100.00	60.00	0.00012	-90.00	60.00	0.00013
-80.00	60.00	0.00015	-70.00	60.00	0.00018
-60.00	60.00	0.00021	-50.00	60.00	0.00024
-40.00	60.00	0.00027	-30.00	60.00	0.00032
-25.00	60.00	0.00035	-20.00	60.00	0.00039
-17.00	60.00	0.00042	-15.00	60.00	0.00043
-13.00	60.00	0.00045	-11.00	60.00	0.00046
-9.00	60.00	0.00048	9.00	60.00	0.00054
11.00	60.00	0.00055	13.00	60.00	0.00056
15.00	60.00	0.00057	17.00	60.00	0.00058
20.00	60.00	0.00060	25.00	60.00	0.00063
30.00	60.00	0.00065	40.00	60.00	0.00070
50.00	60.00	0.00073	60.00	60.00	0.00074
70.00	60.00	0.00073	80.00	60.00	0.00070

90.00 60.00 06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound  
 0.00066 100.00 60.00 0.00062

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 35  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00012	-90.00	70.00	0.00014
-80.00	70.00	0.00016	-70.00	70.00	0.00019
-60.00	70.00	0.00022	-50.00	70.00	0.00026
-40.00	70.00	0.00030	-30.00	70.00	0.00035
-25.00	70.00	0.00039	-20.00	70.00	0.00044
-17.00	70.00	0.00047	-15.00	70.00	0.00049
-13.00	70.00	0.00051	-11.00	70.00	0.00053
-9.00	70.00	0.00055	9.00	70.00	0.00063
11.00	70.00	0.00065	13.00	70.00	0.00066
15.00	70.00	0.00067	17.00	70.00	0.00069
20.00	70.00	0.00071	25.00	70.00	0.00075
30.00	70.00	0.00079	40.00	70.00	0.00084
50.00	70.00	0.00086	60.00	70.00	0.00086
70.00	70.00	0.00083	80.00	70.00	0.00079
90.00	70.00	0.00073	100.00	70.00	0.00068
-100.00	80.00	0.00013	-90.00	80.00	0.00015
-80.00	80.00	0.00017	-70.00	80.00	0.00020
-60.00	80.00	0.00023	-50.00	80.00	0.00028
-40.00	80.00	0.00033	-30.00	80.00	0.00039
-25.00	80.00	0.00043	-20.00	80.00	0.00049
-17.00	80.00	0.00052	-15.00	80.00	0.00055
-13.00	80.00	0.00058	-11.00	80.00	0.00061
-9.00	80.00	0.00063	9.00	80.00	0.00076
11.00	80.00	0.00077	13.00	80.00	0.00079
15.00	80.00	0.00081	17.00	80.00	0.00084
20.00	80.00	0.00087	25.00	80.00	0.00092
30.00	80.00	0.00096	40.00	80.00	0.00101
50.00	80.00	0.00102	60.00	80.00	0.00100
70.00	80.00	0.00094	80.00	80.00	0.00087
90.00	80.00	0.00080	100.00	80.00	0.00073
-100.00	90.00	0.00014	-90.00	90.00	0.00016
-80.00	90.00	0.00018	-70.00	90.00	0.00021
-60.00	90.00	0.00025	-50.00	90.00	0.00029

		06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound			
-40.00	90.00	0.00036	-30.00	90.00	0.00044
-25.00	90.00	0.00049	-20.00	90.00	0.00054
-17.00	90.00	0.00059	-15.00	90.00	0.00062
-13.00	90.00	0.00066	-11.00	90.00	0.00069
-9.00	90.00	0.00073	9.00	90.00	0.00092
11.00	90.00	0.00095	13.00	90.00	0.00097
15.00	90.00	0.00100	17.00	90.00	0.00103

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00108	25.00	90.00	0.00114
30.00	90.00	0.00119	40.00	90.00	0.00123
50.00	90.00	0.00121	60.00	90.00	0.00115
70.00	90.00	0.00106	80.00	90.00	0.00096
90.00	90.00	0.00086	100.00	90.00	0.00077
-100.00	100.00	0.00015	-90.00	100.00	0.00017
-80.00	100.00	0.00020	-70.00	100.00	0.00023
-60.00	100.00	0.00027	-50.00	100.00	0.00032
-40.00	100.00	0.00038	-30.00	100.00	0.00048
-25.00	100.00	0.00054	-20.00	100.00	0.00061
-17.00	100.00	0.00066	-15.00	100.00	0.00070
-13.00	100.00	0.00074	-11.00	100.00	0.00079
-9.00	100.00	0.00084	9.00	100.00	0.00114
11.00	100.00	0.00118	13.00	100.00	0.00123
15.00	100.00	0.00127	17.00	100.00	0.00131
20.00	100.00	0.00137	25.00	100.00	0.00145
30.00	100.00	0.00149	40.00	100.00	0.00150
50.00	100.00	0.00142	60.00	100.00	0.00130
70.00	100.00	0.00117	80.00	100.00	0.00104
90.00	100.00	0.00092	100.00	100.00	0.00081
-100.00	110.00	0.00017	-90.00	110.00	0.00019
-80.00	110.00	0.00021	-70.00	110.00	0.00025
-60.00	110.00	0.00029	-50.00	110.00	0.00035
-40.00	110.00	0.00042	-30.00	110.00	0.00051
-25.00	110.00	0.00058	-20.00	110.00	0.00067
-17.00	110.00	0.00074	-15.00	110.00	0.00079
-13.00	110.00	0.00084	-11.00	110.00	0.00090

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-9.00	110.00	0.00097	9.00	110.00	0.00146	
11.00	110.00	0.00153	13.00	110.00	0.00160	
15.00	110.00	0.00166	17.00	110.00	0.00171	
20.00	110.00	0.00178	25.00	110.00	0.00185	
30.00	110.00	0.00186	40.00	110.00	0.00178	
50.00	110.00	0.00162	60.00	110.00	0.00144	
70.00	110.00	0.00127	80.00	110.00	0.00111	
90.00	110.00	0.00097	100.00	110.00	0.00085	
-100.00	120.00	0.00018	-90.00	120.00	0.00020	
-80.00	120.00	0.00023	-70.00	120.00	0.00027	
-60.00	120.00	0.00032	-50.00	120.00	0.00038	
-40.00	120.00	0.00046	-30.00	120.00	0.00056	
-25.00	120.00	0.00063	-20.00	120.00	0.00072	

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

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 \*\*MODELOPTs:  
 PAGE 37  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3      **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	120.00	0.00080	-15.00	120.00	0.00086	
-13.00	120.00	0.00093	-11.00	120.00	0.00101	
-9.00	120.00	0.00110	9.00	120.00	0.00198	
11.00	120.00	0.00208	13.00	120.00	0.00217	
15.00	120.00	0.00224	17.00	120.00	0.00229	
20.00	120.00	0.00232	25.00	120.00	0.00232	
30.00	120.00	0.00225	40.00	120.00	0.00204	
50.00	120.00	0.00181	60.00	120.00	0.00157	
70.00	120.00	0.00136	80.00	120.00	0.00117	
90.00	120.00	0.00101	100.00	120.00	0.00088	
-100.00	130.00	0.00020	-90.00	130.00	0.00022	
-80.00	130.00	0.00025	-70.00	130.00	0.00029	
-60.00	130.00	0.00035	-50.00	130.00	0.00042	
-40.00	130.00	0.00051	-30.00	130.00	0.00062	
-25.00	130.00	0.00070	-20.00	130.00	0.00080	
-17.00	130.00	0.00088	-15.00	130.00	0.00094	
-13.00	130.00	0.00102	-11.00	130.00	0.00111	
-9.00	130.00	0.00122	9.00	130.00	0.00288	
11.00	130.00	0.00292	13.00	130.00	0.00293	
15.00	130.00	0.00293	17.00	130.00	0.00291	
20.00	130.00	0.00286	25.00	130.00	0.00275	

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
30.00	130.00	0.00260	40.00	130.00	0.00229	
50.00	130.00	0.00197	60.00	130.00	0.00169	
70.00	130.00	0.00143	80.00	130.00	0.00122	
90.00	130.00	0.00104	100.00	130.00	0.00090	
-100.00	140.00	0.00022	-90.00	140.00	0.00024	
-80.00	140.00	0.00028	-70.00	140.00	0.00032	
-60.00	140.00	0.00038	-50.00	140.00	0.00046	
-40.00	140.00	0.00056	-30.00	140.00	0.00070	
-25.00	140.00	0.00078	-20.00	140.00	0.00090	
-17.00	140.00	0.00099	-15.00	140.00	0.00107	
-13.00	140.00	0.00116	-11.00	140.00	0.00129	
-9.00	140.00	0.00148	9.00	140.00	0.00399	
11.00	140.00	0.00383	13.00	140.00	0.00371	
15.00	140.00	0.00361	17.00	140.00	0.00352	
20.00	140.00	0.00339	25.00	140.00	0.00316	
30.00	140.00	0.00294	40.00	140.00	0.00252	
50.00	140.00	0.00213	60.00	140.00	0.00179	
70.00	140.00	0.00150	80.00	140.00	0.00126	
90.00	140.00	0.00107	100.00	140.00	0.00092	

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00023	-90.00	150.00	0.00026
-80.00	150.00	0.00030	-70.00	150.00	0.00035
-60.00	150.00	0.00041	-50.00	150.00	0.00049
-40.00	150.00	0.00061	-30.00	150.00	0.00079
-25.00	150.00	0.00092	-20.00	150.00	0.00112
-17.00	150.00	0.00131	-15.00	150.00	0.00149
-13.00	150.00	0.00174	-11.00	150.00	0.00209
-9.00	150.00	0.00258	9.00	150.00	0.00527
11.00	150.00	0.00495	13.00	150.00	0.00469
15.00	150.00	0.00447	17.00	150.00	0.00428
20.00	150.00	0.00402	25.00	150.00	0.00364
30.00	150.00	0.00331	40.00	150.00	0.00275
50.00	150.00	0.00228	60.00	150.00	0.00188
70.00	150.00	0.00156	80.00	150.00	0.00130
90.00	150.00	0.00110	100.00	150.00	0.00093

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-100.00	160.00	0.00023	-90.00	160.00	0.00027	
-80.00	160.00	0.00032	-70.00	160.00	0.00037	
-60.00	160.00	0.00045	-50.00	160.00	0.00055	
-40.00	160.00	0.00071	-30.00	160.00	0.00100	
-25.00	160.00	0.00125	-20.00	160.00	0.00166	
-17.00	160.00	0.00203	-15.00	160.00	0.00236	
-13.00	160.00	0.00276	-11.00	160.00	0.00325	
-9.00	160.00	0.00389	9.00	160.00	0.00627	
11.00	160.00	0.00585	13.00	160.00	0.00551	
15.00	160.00	0.00522	17.00	160.00	0.00496	
20.00	160.00	0.00462	25.00	160.00	0.00411	
30.00	160.00	0.00368	40.00	160.00	0.00296	
50.00	160.00	0.00240	60.00	160.00	0.00195	
70.00	160.00	0.00160	80.00	160.00	0.00133	
90.00	160.00	0.00112	100.00	160.00	0.00095	
-100.00	170.00	0.00024	-90.00	170.00	0.00028	
-80.00	170.00	0.00034	-70.00	170.00	0.00041	
-60.00	170.00	0.00051	-50.00	170.00	0.00065	
-40.00	170.00	0.00088	-30.00	170.00	0.00135	
-25.00	170.00	0.00175	-20.00	170.00	0.00236	
-17.00	170.00	0.00284	-15.00	170.00	0.00324	
-13.00	170.00	0.00370	-11.00	170.00	0.00426	
-9.00	170.00	0.00496	9.00	170.00	0.00702	
11.00	170.00	0.00652	13.00	170.00	0.00612	
15.00	170.00	0.00577	17.00	170.00	0.00546	

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00505	25.00	170.00	0.00446
30.00	170.00	0.00396	40.00	170.00	0.00312
50.00	170.00	0.00248	60.00	170.00	0.00200
70.00	170.00	0.00163	80.00	170.00	0.00135
90.00	170.00	0.00113	100.00	170.00	0.00096
-100.00	180.00	0.00025	-90.00	180.00	0.00030
-80.00	180.00	0.00037	-70.00	180.00	0.00046
-60.00	180.00	0.00059	-50.00	180.00	0.00079
-40.00	180.00	0.00112	-30.00	180.00	0.00176

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
-25.00	180.00	0.00228	-20.00	180.00	0.00299
-17.00	180.00	0.00354	-15.00	180.00	0.00396
-13.00	180.00	0.00446	-11.00	180.00	0.00505
-9.00	180.00	0.00577	9.00	180.00	0.00755
11.00	180.00	0.00699	13.00	180.00	0.00653
15.00	180.00	0.00614	17.00	180.00	0.00578
20.00	180.00	0.00532	25.00	180.00	0.00466
30.00	180.00	0.00410	40.00	180.00	0.00319
50.00	180.00	0.00252	60.00	180.00	0.00202
70.00	180.00	0.00164	80.00	180.00	0.00136
90.00	180.00	0.00114	100.00	180.00	0.00097
-100.00	190.00	0.00027	-90.00	190.00	0.00033
-80.00	190.00	0.00041	-70.00	190.00	0.00052
-60.00	190.00	0.00069	-50.00	190.00	0.00096
-40.00	190.00	0.00141	-30.00	190.00	0.00217
-25.00	190.00	0.00275	-20.00	190.00	0.00351
-17.00	190.00	0.00409	-15.00	190.00	0.00453
-13.00	190.00	0.00505	-11.00	190.00	0.00565
-9.00	190.00	0.00637	9.00	190.00	0.00789
11.00	190.00	0.00727	13.00	190.00	0.00677
15.00	190.00	0.00633	17.00	190.00	0.00594
20.00	190.00	0.00542	25.00	190.00	0.00469
30.00	190.00	0.00409	40.00	190.00	0.00317
50.00	190.00	0.00250	60.00	190.00	0.00201
70.00	190.00	0.00164	80.00	190.00	0.00136
90.00	190.00	0.00114	100.00	190.00	0.00097
-100.00	200.00	0.00030	-90.00	200.00	0.00036
-80.00	200.00	0.00046	-70.00	200.00	0.00059
-60.00	200.00	0.00080	-50.00	200.00	0.00113
-40.00	200.00	0.00167	-30.00	200.00	0.00254
-25.00	200.00	0.00315	-20.00	200.00	0.00393

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00452	-15.00	200.00	0.00497
-13.00	200.00	0.00548	-11.00	200.00	0.00608
-9.00	200.00	0.00680	9.00	200.00	0.00801

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	200.00	0.00733	13.00	200.00	0.00678
15.00	200.00	0.00631	17.00	200.00	0.00588
20.00	200.00	0.00532	25.00	200.00	0.00456
30.00	200.00	0.00396	40.00	200.00	0.00307
50.00	200.00	0.00245	60.00	200.00	0.00198
70.00	200.00	0.00163	80.00	200.00	0.00135
90.00	200.00	0.00113	100.00	200.00	0.00096
-100.00	210.00	0.00032	-90.00	210.00	0.00040
-80.00	210.00	0.00051	-70.00	210.00	0.00068
-60.00	210.00	0.00093	-50.00	210.00	0.00131
-40.00	210.00	0.00191	-30.00	210.00	0.00283
-25.00	210.00	0.00347	-20.00	210.00	0.00427
-17.00	210.00	0.00486	-15.00	210.00	0.00531
-13.00	210.00	0.00582	-11.00	210.00	0.00640
-9.00	210.00	0.00710	9.00	210.00	0.00784
11.00	210.00	0.00711	13.00	210.00	0.00651
15.00	210.00	0.00601	17.00	210.00	0.00558
20.00	210.00	0.00503	25.00	210.00	0.00431
30.00	210.00	0.00375	40.00	210.00	0.00295
50.00	210.00	0.00237	60.00	210.00	0.00193
70.00	210.00	0.00160	80.00	210.00	0.00133
90.00	210.00	0.00113	100.00	210.00	0.00096
-100.00	220.00	0.00035	-90.00	220.00	0.00044
-80.00	220.00	0.00058	-70.00	220.00	0.00077
-60.00	220.00	0.00105	-50.00	220.00	0.00148
-40.00	220.00	0.00211	-30.00	220.00	0.00306
-25.00	220.00	0.00371	-20.00	220.00	0.00452
-17.00	220.00	0.00511	-15.00	220.00	0.00556
-13.00	220.00	0.00606	-11.00	220.00	0.00664
-9.00	220.00	0.00731	9.00	220.00	0.00723
11.00	220.00	0.00653	13.00	220.00	0.00598
15.00	220.00	0.00554	17.00	220.00	0.00517
20.00	220.00	0.00469	25.00	220.00	0.00405
30.00	220.00	0.00354	40.00	220.00	0.00280
50.00	220.00	0.00227	60.00	220.00	0.00186
70.00	220.00	0.00155	80.00	220.00	0.00131
90.00	220.00	0.00111	100.00	220.00	0.00095

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

04/18/08

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

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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 \*\*\*



06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00039	-90.00	230.00	0.00049
-80.00	230.00	0.00064	-70.00	230.00	0.00085
-60.00	230.00	0.00117	-50.00	230.00	0.00161
-40.00	230.00	0.00227	-30.00	230.00	0.00322
-25.00	230.00	0.00387	-20.00	230.00	0.00468
-17.00	230.00	0.00526	-15.00	230.00	0.00569
-13.00	230.00	0.00618	-11.00	230.00	0.00671
-9.00	230.00	0.00732	9.00	230.00	0.00627
11.00	230.00	0.00581	13.00	230.00	0.00540
15.00	230.00	0.00503	17.00	230.00	0.00472
20.00	230.00	0.00431	25.00	230.00	0.00374
30.00	230.00	0.00329	40.00	230.00	0.00262
50.00	230.00	0.00214	60.00	230.00	0.00177
70.00	230.00	0.00149	80.00	230.00	0.00126
90.00	230.00	0.00108	100.00	230.00	0.00093
-100.00	240.00	0.00043	-90.00	240.00	0.00054
-80.00	240.00	0.00071	-70.00	240.00	0.00094
-60.00	240.00	0.00127	-50.00	240.00	0.00174
-40.00	240.00	0.00239	-30.00	240.00	0.00333
-25.00	240.00	0.00394	-20.00	240.00	0.00466
-17.00	240.00	0.00515	-15.00	240.00	0.00548
-13.00	240.00	0.00581	-11.00	240.00	0.00612
-9.00	240.00	0.00641	9.00	240.00	0.00510
11.00	240.00	0.00479	13.00	240.00	0.00452
15.00	240.00	0.00428	17.00	240.00	0.00406
20.00	240.00	0.00376	25.00	240.00	0.00333
30.00	240.00	0.00296	40.00	240.00	0.00240
50.00	240.00	0.00198	60.00	240.00	0.00166
70.00	240.00	0.00140	80.00	240.00	0.00120
90.00	240.00	0.00103	100.00	240.00	0.00090
-100.00	250.00	0.00047	-90.00	250.00	0.00060
-80.00	250.00	0.00078	-70.00	250.00	0.00103
-60.00	250.00	0.00136	-50.00	250.00	0.00182
-40.00	250.00	0.00244	-30.00	250.00	0.00328
-25.00	250.00	0.00377	-20.00	250.00	0.00429
-17.00	250.00	0.00458	-15.00	250.00	0.00477
-13.00	250.00	0.00494	-11.00	250.00	0.00509
-9.00	250.00	0.00523	9.00	250.00	0.00418
11.00	250.00	0.00396	13.00	250.00	0.00376
15.00	250.00	0.00357	17.00	250.00	0.00341

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00318	25.00	250.00	0.00286
30.00	250.00	0.00259	40.00	250.00	0.00215
50.00	250.00	0.00180	60.00	250.00	0.00153
70.00	250.00	0.00131	80.00	250.00	0.00113
90.00	250.00	0.00098	100.00	250.00	0.00086

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

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

\*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

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

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-17.00	-240.00	0.00008	-15.00	-240.00	0.00008	
-13.00	-240.00	0.00008	-11.00	-240.00	0.00008	
-9.00	-240.00	0.00008	9.00	-240.00	0.00008	
11.00	-240.00	0.00008	13.00	-240.00	0.00008	
15.00	-240.00	0.00008	17.00	-240.00	0.00008	
20.00	-240.00	0.00008	25.00	-240.00	0.00008	
30.00	-240.00	0.00008	40.00	-240.00	0.00009	
50.00	-240.00	0.00009	60.00	-240.00	0.00009	
70.00	-240.00	0.00009	80.00	-240.00	0.00010	
90.00	-240.00	0.00010	100.00	-240.00	0.00010	
-100.00	-230.00	0.00005	-90.00	-230.00	0.00005	
-80.00	-230.00	0.00005	-70.00	-230.00	0.00006	
-60.00	-230.00	0.00006	-50.00	-230.00	0.00007	
-40.00	-230.00	0.00007	-30.00	-230.00	0.00008	
-25.00	-230.00	0.00008	-20.00	-230.00	0.00008	
-17.00	-230.00	0.00008	-15.00	-230.00	0.00008	
-13.00	-230.00	0.00008	-11.00	-230.00	0.00008	
-9.00	-230.00	0.00008	9.00	-230.00	0.00009	
11.00	-230.00	0.00009	13.00	-230.00	0.00009	
15.00	-230.00	0.00009	17.00	-230.00	0.00009	

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00009	25.00	-230.00	0.00009
30.00	-230.00	0.00009	40.00	-230.00	0.00009
50.00	-230.00	0.00009	60.00	-230.00	0.00010
70.00	-230.00	0.00010	80.00	-230.00	0.00010
90.00	-230.00	0.00011	100.00	-230.00	0.00011
-100.00	-220.00	0.00005	-90.00	-220.00	0.00005
-80.00	-220.00	0.00006	-70.00	-220.00	0.00006
-60.00	-220.00	0.00007	-50.00	-220.00	0.00007
-40.00	-220.00	0.00008	-30.00	-220.00	0.00008
-25.00	-220.00	0.00008	-20.00	-220.00	0.00009
-17.00	-220.00	0.00009	-15.00	-220.00	0.00009
-13.00	-220.00	0.00009	-11.00	-220.00	0.00009
-9.00	-220.00	0.00009	9.00	-220.00	0.00009
11.00	-220.00	0.00009	13.00	-220.00	0.00009

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-220.00	0.00009	17.00	-220.00	0.00009
20.00	-220.00	0.00009	25.00	-220.00	0.00009
30.00	-220.00	0.00009	40.00	-220.00	0.00010
50.00	-220.00	0.00010	60.00	-220.00	0.00010
70.00	-220.00	0.00011	80.00	-220.00	0.00011
90.00	-220.00	0.00011	100.00	-220.00	0.00012
-100.00	-210.00	0.00005	-90.00	-210.00	0.00005
-80.00	-210.00	0.00006	-70.00	-210.00	0.00006
-60.00	-210.00	0.00007	-50.00	-210.00	0.00008
-40.00	-210.00	0.00008	-30.00	-210.00	0.00009
-25.00	-210.00	0.00009	-20.00	-210.00	0.00009
-17.00	-210.00	0.00009	-15.00	-210.00	0.00009
-13.00	-210.00	0.00009	-11.00	-210.00	0.00009
-9.00	-210.00	0.00009	9.00	-210.00	0.00010
11.00	-210.00	0.00010	13.00	-210.00	0.00010
15.00	-210.00	0.00010	17.00	-210.00	0.00010
20.00	-210.00	0.00010	25.00	-210.00	0.00010
30.00	-210.00	0.00010	40.00	-210.00	0.00010
50.00	-210.00	0.00011	60.00	-210.00	0.00011
70.00	-210.00	0.00012	80.00	-210.00	0.00012
90.00	-210.00	0.00012	100.00	-210.00	0.00013
-100.00	-200.00	0.00005	-90.00	-200.00	0.00006
-80.00	-200.00	0.00006	-70.00	-200.00	0.00007
-60.00	-200.00	0.00007	-50.00	-200.00	0.00008
-40.00	-200.00	0.00009	-30.00	-200.00	0.00009
-25.00	-200.00	0.00009	-20.00	-200.00	0.00010

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 46  
 CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00006	-90.00	-170.00	0.00007
-80.00	-170.00	0.00007	-70.00	-170.00	0.00008

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 47  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,  
 Page 86

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00015	25.00	-150.00	0.00015
30.00	-150.00	0.00015	40.00	-150.00	0.00016
50.00	-150.00	0.00017	60.00	-150.00	0.00018
70.00	-150.00	0.00018	80.00	-150.00	0.00019
90.00	-150.00	0.00019	100.00	-150.00	0.00020
-100.00	-140.00	0.00007	-90.00	-140.00	0.00008
-80.00	-140.00	0.00008	-70.00	-140.00	0.00009
-60.00	-140.00	0.00010	-50.00	-140.00	0.00011
-40.00	-140.00	0.00012	-30.00	-140.00	0.00013
-25.00	-140.00	0.00014	-20.00	-140.00	0.00014
-17.00	-140.00	0.00015	-15.00	-140.00	0.00015
-13.00	-140.00	0.00015	-11.00	-140.00	0.00015
-9.00	-140.00	0.00015	9.00	-140.00	0.00016
11.00	-140.00	0.00016	13.00	-140.00	0.00016
15.00	-140.00	0.00016	17.00	-140.00	0.00016
20.00	-140.00	0.00016	25.00	-140.00	0.00017
30.00	-140.00	0.00017	40.00	-140.00	0.00018
50.00	-140.00	0.00019	60.00	-140.00	0.00019
70.00	-140.00	0.00020	80.00	-140.00	0.00021
90.00	-140.00	0.00021	100.00	-140.00	0.00021
-100.00	-130.00	0.00008	-90.00	-130.00	0.00008
-80.00	-130.00	0.00009	-70.00	-130.00	0.00009
-60.00	-130.00	0.00010	-50.00	-130.00	0.00011
-40.00	-130.00	0.00013	-30.00	-130.00	0.00014
-25.00	-130.00	0.00015	-20.00	-130.00	0.00016
-17.00	-130.00	0.00016	-15.00	-130.00	0.00016
-13.00	-130.00	0.00016	-11.00	-130.00	0.00016
-9.00	-130.00	0.00016	9.00	-130.00	0.00017
11.00	-130.00	0.00017	13.00	-130.00	0.00017
15.00	-130.00	0.00017	17.00	-130.00	0.00018
20.00	-130.00	0.00018	25.00	-130.00	0.00018
30.00	-130.00	0.00018	40.00	-130.00	0.00019
50.00	-130.00	0.00020	60.00	-130.00	0.00021
70.00	-130.00	0.00022	80.00	-130.00	0.00023
90.00	-130.00	0.00023	100.00	-130.00	0.00023
-100.00	-120.00	0.00008	-90.00	-120.00	0.00009
-80.00	-120.00	0.00009	-70.00	-120.00	0.00010
-60.00	-120.00	0.00011	-50.00	-120.00	0.00012
-40.00	-120.00	0.00014	-30.00	-120.00	0.00015
-25.00	-120.00	0.00016	-20.00	-120.00	0.00017

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 06NCRA SR01-300\_DPM\_TRAV\_ANN\_N-S Bound \*\*\*  
 04/18/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 18:21:03 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 \*\*MODELOPTs:  
 PAGE 48  
 CONC URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00017	-15.00	-120.00	0.00017
-13.00	-120.00	0.00018	-11.00	-120.00	0.00018
-9.00	-120.00	0.00018	9.00	-120.00	0.00019
11.00	-120.00	0.00019	13.00	-120.00	0.00019
15.00	-120.00	0.00019	17.00	-120.00	0.00019
20.00	-120.00	0.00019	25.00	-120.00	0.00020
30.00	-120.00	0.00020	40.00	-120.00	0.00021
50.00	-120.00	0.00023	60.00	-120.00	0.00024
70.00	-120.00	0.00024	80.00	-120.00	0.00025
90.00	-120.00	0.00025	100.00	-120.00	0.00026
-100.00	-110.00	0.00009	-90.00	-110.00	0.00009
-80.00	-110.00	0.00010	-70.00	-110.00	0.00011
-60.00	-110.00	0.00012	-50.00	-110.00	0.00013
-40.00	-110.00	0.00015	-30.00	-110.00	0.00017
-25.00	-110.00	0.00017	-20.00	-110.00	0.00018
-17.00	-110.00	0.00019	-15.00	-110.00	0.00019
-13.00	-110.00	0.00019	-11.00	-110.00	0.00019
-9.00	-110.00	0.00020	9.00	-110.00	0.00021
11.00	-110.00	0.00021	13.00	-110.00	0.00021
15.00	-110.00	0.00021	17.00	-110.00	0.00021
20.00	-110.00	0.00021	25.00	-110.00	0.00022
30.00	-110.00	0.00022	40.00	-110.00	0.00024
50.00	-110.00	0.00025	60.00	-110.00	0.00026
70.00	-110.00	0.00027	80.00	-110.00	0.00028
90.00	-110.00	0.00028	100.00	-110.00	0.00028
-100.00	-100.00	0.00009	-90.00	-100.00	0.00010
-80.00	-100.00	0.00011	-70.00	-100.00	0.00011
-60.00	-100.00	0.00012	-50.00	-100.00	0.00014
-40.00	-100.00	0.00016	-30.00	-100.00	0.00018
-25.00	-100.00	0.00019	-20.00	-100.00	0.00020
-17.00	-100.00	0.00020	-15.00	-100.00	0.00021
-13.00	-100.00	0.00021	-11.00	-100.00	0.00021
-9.00	-100.00	0.00021	9.00	-100.00	0.00023
11.00	-100.00	0.00023	13.00	-100.00	0.00023



06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
15.00	-100.00	0.00023	17.00	-100.00	0.00023	
20.00	-100.00	0.00024	25.00	-100.00	0.00024	
30.00	-100.00	0.00025	40.00	-100.00	0.00026	
50.00	-100.00	0.00028	60.00	-100.00	0.00029	
70.00	-100.00	0.00030	80.00	-100.00	0.00031	
90.00	-100.00	0.00031	100.00	-100.00	0.00031	

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

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

18:21:03

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00010	-90.00	-90.00	0.00011
-80.00	-90.00	0.00011	-70.00	-90.00	0.00012
-60.00	-90.00	0.00013	-50.00	-90.00	0.00015
-40.00	-90.00	0.00017	-30.00	-90.00	0.00019
-25.00	-90.00	0.00021	-20.00	-90.00	0.00022
-17.00	-90.00	0.00022	-15.00	-90.00	0.00023
-13.00	-90.00	0.00023	-11.00	-90.00	0.00023
-9.00	-90.00	0.00024	9.00	-90.00	0.00025
11.00	-90.00	0.00025	13.00	-90.00	0.00025
15.00	-90.00	0.00026	17.00	-90.00	0.00026
20.00	-90.00	0.00026	25.00	-90.00	0.00027
30.00	-90.00	0.00028	40.00	-90.00	0.00030
50.00	-90.00	0.00031	60.00	-90.00	0.00033
70.00	-90.00	0.00033	80.00	-90.00	0.00034
90.00	-90.00	0.00035	100.00	-90.00	0.00035
-100.00	-80.00	0.00010	-90.00	-80.00	0.00011
-80.00	-80.00	0.00012	-70.00	-80.00	0.00013
-60.00	-80.00	0.00014	-50.00	-80.00	0.00016
-40.00	-80.00	0.00018	-30.00	-80.00	0.00021
-25.00	-80.00	0.00022	-20.00	-80.00	0.00024
-17.00	-80.00	0.00025	-15.00	-80.00	0.00025
-13.00	-80.00	0.00025	-11.00	-80.00	0.00026
-9.00	-80.00	0.00026	9.00	-80.00	0.00028
11.00	-80.00	0.00028	13.00	-80.00	0.00028
15.00	-80.00	0.00029	17.00	-80.00	0.00029
20.00	-80.00	0.00029	25.00	-80.00	0.00030
30.00	-80.00	0.00031	40.00	-80.00	0.00034
50.00	-80.00	0.00035	60.00	-80.00	0.00037

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
70.00	-80.00	0.00038	80.00	-80.00	0.00038	
90.00	-80.00	0.00038	100.00	-80.00	0.00038	
-100.00	-70.00	0.00010	-90.00	-70.00	0.00012	
-80.00	-70.00	0.00013	-70.00	-70.00	0.00014	
-60.00	-70.00	0.00015	-50.00	-70.00	0.00017	
-40.00	-70.00	0.00019	-30.00	-70.00	0.00023	
-25.00	-70.00	0.00024	-20.00	-70.00	0.00026	
-17.00	-70.00	0.00027	-15.00	-70.00	0.00028	
-13.00	-70.00	0.00028	-11.00	-70.00	0.00029	
-9.00	-70.00	0.00029	9.00	-70.00	0.00031	
11.00	-70.00	0.00032	13.00	-70.00	0.00032	
15.00	-70.00	0.00032	17.00	-70.00	0.00033	

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

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

18:21:03

\*\*MODELOPTs:  
 PAGE 50

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00033	25.00	-70.00	0.00034
30.00	-70.00	0.00036	40.00	-70.00	0.00038
50.00	-70.00	0.00040	60.00	-70.00	0.00042
70.00	-70.00	0.00043	80.00	-70.00	0.00043
90.00	-70.00	0.00043	100.00	-70.00	0.00042
-100.00	-60.00	0.00011	-90.00	-60.00	0.00012
-80.00	-60.00	0.00014	-70.00	-60.00	0.00015
-60.00	-60.00	0.00017	-50.00	-60.00	0.00018
-40.00	-60.00	0.00021	-30.00	-60.00	0.00024
-25.00	-60.00	0.00027	-20.00	-60.00	0.00029
-17.00	-60.00	0.00030	-15.00	-60.00	0.00031
-13.00	-60.00	0.00032	-11.00	-60.00	0.00032
-9.00	-60.00	0.00033	9.00	-60.00	0.00035
11.00	-60.00	0.00036	13.00	-60.00	0.00036
15.00	-60.00	0.00036	17.00	-60.00	0.00037
20.00	-60.00	0.00038	25.00	-60.00	0.00039
30.00	-60.00	0.00041	40.00	-60.00	0.00044
50.00	-60.00	0.00046	60.00	-60.00	0.00047
70.00	-60.00	0.00048	80.00	-60.00	0.00049
90.00	-60.00	0.00048	100.00	-60.00	0.00047
-100.00	-50.00	0.00011	-90.00	-50.00	0.00012
-80.00	-50.00	0.00014	-70.00	-50.00	0.00016

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-60.00	-50.00	0.00018	-50.00	-50.00	0.00020	
-40.00	-50.00	0.00023	-30.00	-50.00	0.00027	
-25.00	-50.00	0.00029	-20.00	-50.00	0.00032	
-17.00	-50.00	0.00033	-15.00	-50.00	0.00034	
-13.00	-50.00	0.00035	-11.00	-50.00	0.00036	
-9.00	-50.00	0.00037	9.00	-50.00	0.00040	
11.00	-50.00	0.00041	13.00	-50.00	0.00041	
15.00	-50.00	0.00042	17.00	-50.00	0.00042	
20.00	-50.00	0.00043	25.00	-50.00	0.00045	
30.00	-50.00	0.00047	40.00	-50.00	0.00051	
50.00	-50.00	0.00053	60.00	-50.00	0.00055	
70.00	-50.00	0.00055	80.00	-50.00	0.00055	
90.00	-50.00	0.00054	100.00	-50.00	0.00052	
-100.00	-40.00	0.00011	-90.00	-40.00	0.00013	
-80.00	-40.00	0.00015	-70.00	-40.00	0.00017	
-60.00	-40.00	0.00020	-50.00	-40.00	0.00022	
-40.00	-40.00	0.00025	-30.00	-40.00	0.00029	
-25.00	-40.00	0.00032	-20.00	-40.00	0.00035	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 18:21:03

\*\*MODELOPTs:  
 PAGE 51

CONC                    URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00037	-15.00	-40.00	0.00039
-13.00	-40.00	0.00040	-11.00	-40.00	0.00041
-9.00	-40.00	0.00042	9.00	-40.00	0.00046
11.00	-40.00	0.00047	13.00	-40.00	0.00048
15.00	-40.00	0.00048	17.00	-40.00	0.00049
20.00	-40.00	0.00051	25.00	-40.00	0.00053
30.00	-40.00	0.00055	40.00	-40.00	0.00059
50.00	-40.00	0.00062	60.00	-40.00	0.00063
70.00	-40.00	0.00063	80.00	-40.00	0.00062
90.00	-40.00	0.00060	100.00	-40.00	0.00057
-100.00	-30.00	0.00012	-90.00	-30.00	0.00013
-80.00	-30.00	0.00015	-70.00	-30.00	0.00018
-60.00	-30.00	0.00021	-50.00	-30.00	0.00024
-40.00	-30.00	0.00027	-30.00	-30.00	0.00032
-25.00	-30.00	0.00035	-20.00	-30.00	0.00039
-17.00	-30.00	0.00042	-15.00	-30.00	0.00043

06NCRA SR01-300_DPM_TRAV_ANN_N-S Bound					
-13.00	-30.00	0.00045	-11.00	-30.00	0.00046
-9.00	-30.00	0.00048	9.00	-30.00	0.00054
11.00	-30.00	0.00055	13.00	-30.00	0.00056
15.00	-30.00	0.00057	17.00	-30.00	0.00058
20.00	-30.00	0.00060	25.00	-30.00	0.00063
30.00	-30.00	0.00065	40.00	-30.00	0.00070
50.00	-30.00	0.00073	60.00	-30.00	0.00074
70.00	-30.00	0.00073	80.00	-30.00	0.00070
90.00	-30.00	0.00066	100.00	-30.00	0.00062
-100.00	-20.00	0.00012	-90.00	-20.00	0.00014
-80.00	-20.00	0.00016	-70.00	-20.00	0.00019
-60.00	-20.00	0.00022	-50.00	-20.00	0.00026
-40.00	-20.00	0.00030	-30.00	-20.00	0.00035
-25.00	-20.00	0.00039	-20.00	-20.00	0.00044
-17.00	-20.00	0.00047	-15.00	-20.00	0.00049
-13.00	-20.00	0.00051	-11.00	-20.00	0.00053
-9.00	-20.00	0.00055	9.00	-20.00	0.00063
11.00	-20.00	0.00065	13.00	-20.00	0.00066
15.00	-20.00	0.00067	17.00	-20.00	0.00069
20.00	-20.00	0.00071	25.00	-20.00	0.00075
30.00	-20.00	0.00079	40.00	-20.00	0.00084
50.00	-20.00	0.00086	60.00	-20.00	0.00086
70.00	-20.00	0.00083	80.00	-20.00	0.00079
90.00	-20.00	0.00073	100.00	-20.00	0.00068

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 North/South Bound Direction \*\*\*

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

\*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00013	-90.00	-10.00	0.00015
-80.00	-10.00	0.00017	-70.00	-10.00	0.00020
-60.00	-10.00	0.00023	-50.00	-10.00	0.00028
-40.00	-10.00	0.00033	-30.00	-10.00	0.00039
-25.00	-10.00	0.00043	-20.00	-10.00	0.00049
-17.00	-10.00	0.00052	-15.00	-10.00	0.00055
-13.00	-10.00	0.00058	-11.00	-10.00	0.00061
-9.00	-10.00	0.00063	9.00	-10.00	0.00076
11.00	-10.00	0.00077	13.00	-10.00	0.00079
15.00	-10.00	0.00081	17.00	-10.00	0.00084

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-10.00	0.00087	25.00	-10.00	0.00092
30.00	-10.00	0.00096	40.00	-10.00	0.00101
50.00	-10.00	0.00102	60.00	-10.00	0.00100
70.00	-10.00	0.00094	80.00	-10.00	0.00087
90.00	-10.00	0.00080	100.00	-10.00	0.00073
-100.00	0.00	0.00014	-90.00	0.00	0.00016
-80.00	0.00	0.00018	-70.00	0.00	0.00021
-60.00	0.00	0.00025	-50.00	0.00	0.00029
-40.00	0.00	0.00036	-30.00	0.00	0.00044
-25.00	0.00	0.00049	-20.00	0.00	0.00054
-17.00	0.00	0.00059	-15.00	0.00	0.00062
-13.00	0.00	0.00066	-11.00	0.00	0.00069
-9.00	0.00	0.00073	9.00	0.00	0.00092
11.00	0.00	0.00095	13.00	0.00	0.00097
15.00	0.00	0.00100	17.00	0.00	0.00103
20.00	0.00	0.00108	25.00	0.00	0.00114
30.00	0.00	0.00119	40.00	0.00	0.00123
50.00	0.00	0.00121	60.00	0.00	0.00115
70.00	0.00	0.00106	80.00	0.00	0.00096
90.00	0.00	0.00086	100.00	0.00	0.00077
-100.00	10.00	0.00015	-90.00	10.00	0.00017
-80.00	10.00	0.00020	-70.00	10.00	0.00023
-60.00	10.00	0.00027	-50.00	10.00	0.00032
-40.00	10.00	0.00038	-30.00	10.00	0.00048
-25.00	10.00	0.00054	-20.00	10.00	0.00061
-17.00	10.00	0.00066	-15.00	10.00	0.00070
-13.00	10.00	0.00074	-11.00	10.00	0.00079
-9.00	10.00	0.00084	9.00	10.00	0.00114
11.00	10.00	0.00118	13.00	10.00	0.00123
15.00	10.00	0.00127	17.00	10.00	0.00131

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

04/18/08

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

18:21:03  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00137	25.00	10.00	0.00145
30.00	10.00	0.00149	40.00	10.00	0.00150
50.00	10.00	0.00142	60.00	10.00	0.00130
70.00	10.00	0.00117	80.00	10.00	0.00104

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	10.00	0.00092	100.00	10.00	0.00081
-100.00	20.00	0.00017	-90.00	20.00	0.00019
-80.00	20.00	0.00021	-70.00	20.00	0.00025
-60.00	20.00	0.00029	-50.00	20.00	0.00035
-40.00	20.00	0.00042	-30.00	20.00	0.00051
-25.00	20.00	0.00058	-20.00	20.00	0.00067
-17.00	20.00	0.00074	-15.00	20.00	0.00079
-13.00	20.00	0.00084	-11.00	20.00	0.00090
-9.00	20.00	0.00097	9.00	20.00	0.00146
11.00	20.00	0.00153	13.00	20.00	0.00160
15.00	20.00	0.00166	17.00	20.00	0.00171
20.00	20.00	0.00178	25.00	20.00	0.00185
30.00	20.00	0.00186	40.00	20.00	0.00178
50.00	20.00	0.00162	60.00	20.00	0.00144
70.00	20.00	0.00127	80.00	20.00	0.00111
90.00	20.00	0.00097	100.00	20.00	0.00085
-100.00	30.00	0.00018	-90.00	30.00	0.00020
-80.00	30.00	0.00023	-70.00	30.00	0.00027
-60.00	30.00	0.00032	-50.00	30.00	0.00038
-40.00	30.00	0.00046	-30.00	30.00	0.00056
-25.00	30.00	0.00063	-20.00	30.00	0.00072
-17.00	30.00	0.00080	-15.00	30.00	0.00086
-13.00	30.00	0.00093	-11.00	30.00	0.00101
-9.00	30.00	0.00110	9.00	30.00	0.00198
11.00	30.00	0.00208	13.00	30.00	0.00217
15.00	30.00	0.00224	17.00	30.00	0.00229
20.00	30.00	0.00232	25.00	30.00	0.00232
30.00	30.00	0.00225	40.00	30.00	0.00204
50.00	30.00	0.00181	60.00	30.00	0.00157
70.00	30.00	0.00136	80.00	30.00	0.00117
90.00	30.00	0.00101	100.00	30.00	0.00088
-100.00	40.00	0.00020	-90.00	40.00	0.00022
-80.00	40.00	0.00025	-70.00	40.00	0.00029
-60.00	40.00	0.00035	-50.00	40.00	0.00042
-40.00	40.00	0.00051	-30.00	40.00	0.00062
-25.00	40.00	0.00070	-20.00	40.00	0.00080

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

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

18:21:03

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00088	-15.00	40.00	0.00094
-13.00	40.00	0.00102	-11.00	40.00	0.00111
-9.00	40.00	0.00122	9.00	40.00	0.00288
11.00	40.00	0.00292	13.00	40.00	0.00293
15.00	40.00	0.00293	17.00	40.00	0.00291
20.00	40.00	0.00286	25.00	40.00	0.00275
30.00	40.00	0.00260	40.00	40.00	0.00229
50.00	40.00	0.00197	60.00	40.00	0.00169
70.00	40.00	0.00143	80.00	40.00	0.00122
90.00	40.00	0.00104	100.00	40.00	0.00090
-100.00	50.00	0.00022	-90.00	50.00	0.00024
-80.00	50.00	0.00028	-70.00	50.00	0.00032
-60.00	50.00	0.00038	-50.00	50.00	0.00046
-40.00	50.00	0.00056	-30.00	50.00	0.00070
-25.00	50.00	0.00078	-20.00	50.00	0.00090
-17.00	50.00	0.00099	-15.00	50.00	0.00107
-13.00	50.00	0.00116	-11.00	50.00	0.00129
-9.00	50.00	0.00148	9.00	50.00	0.00399
11.00	50.00	0.00383	13.00	50.00	0.00371
15.00	50.00	0.00361	17.00	50.00	0.00352
20.00	50.00	0.00339	25.00	50.00	0.00316
30.00	50.00	0.00294	40.00	50.00	0.00252
50.00	50.00	0.00213	60.00	50.00	0.00179
70.00	50.00	0.00150	80.00	50.00	0.00126
90.00	50.00	0.00107	100.00	50.00	0.00092
-100.00	60.00	0.00023	-90.00	60.00	0.00026
-80.00	60.00	0.00030	-70.00	60.00	0.00035
-60.00	60.00	0.00041	-50.00	60.00	0.00049
-40.00	60.00	0.00061	-30.00	60.00	0.00079
-25.00	60.00	0.00092	-20.00	60.00	0.00112
-17.00	60.00	0.00131	-15.00	60.00	0.00149
-13.00	60.00	0.00174	-11.00	60.00	0.00209
-9.00	60.00	0.00258	9.00	60.00	0.00527
11.00	60.00	0.00495	13.00	60.00	0.00469
15.00	60.00	0.00447	17.00	60.00	0.00428
20.00	60.00	0.00402	25.00	60.00	0.00364
30.00	60.00	0.00331	40.00	60.00	0.00275
50.00	60.00	0.00228	60.00	60.00	0.00188
70.00	60.00	0.00156	80.00	60.00	0.00130
90.00	60.00	0.00110	100.00	60.00	0.00093

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03

\*\*MODELOPTs:  
PAGE 55  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00023	-90.00	70.00	0.00027
-80.00	70.00	0.00032	-70.00	70.00	0.00037
-60.00	70.00	0.00045	-50.00	70.00	0.00055
-40.00	70.00	0.00071	-30.00	70.00	0.00100
-25.00	70.00	0.00125	-20.00	70.00	0.00166
-17.00	70.00	0.00203	-15.00	70.00	0.00236
-13.00	70.00	0.00276	-11.00	70.00	0.00325
-9.00	70.00	0.00389	9.00	70.00	0.00627
11.00	70.00	0.00585	13.00	70.00	0.00551
15.00	70.00	0.00522	17.00	70.00	0.00496
20.00	70.00	0.00462	25.00	70.00	0.00411
30.00	70.00	0.00368	40.00	70.00	0.00296
50.00	70.00	0.00240	60.00	70.00	0.00195
70.00	70.00	0.00160	80.00	70.00	0.00133
90.00	70.00	0.00112	100.00	70.00	0.00095
-100.00	80.00	0.00024	-90.00	80.00	0.00028
-80.00	80.00	0.00034	-70.00	80.00	0.00041
-60.00	80.00	0.00051	-50.00	80.00	0.00065
-40.00	80.00	0.00088	-30.00	80.00	0.00135
-25.00	80.00	0.00175	-20.00	80.00	0.00236
-17.00	80.00	0.00284	-15.00	80.00	0.00324
-13.00	80.00	0.00370	-11.00	80.00	0.00426
-9.00	80.00	0.00496	9.00	80.00	0.00702
11.00	80.00	0.00652	13.00	80.00	0.00612
15.00	80.00	0.00577	17.00	80.00	0.00546
20.00	80.00	0.00505	25.00	80.00	0.00446
30.00	80.00	0.00396	40.00	80.00	0.00312
50.00	80.00	0.00248	60.00	80.00	0.00200
70.00	80.00	0.00163	80.00	80.00	0.00135
90.00	80.00	0.00113	100.00	80.00	0.00096
-100.00	90.00	0.00025	-90.00	90.00	0.00030
-80.00	90.00	0.00037	-70.00	90.00	0.00046
-60.00	90.00	0.00059	-50.00	90.00	0.00079
-40.00	90.00	0.00112	-30.00	90.00	0.00176
-25.00	90.00	0.00228	-20.00	90.00	0.00299
-17.00	90.00	0.00354	-15.00	90.00	0.00396



		06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound			
-13.00	90.00	0.00446	-11.00	90.00	0.00505
-9.00	90.00	0.00577	9.00	90.00	0.00755
11.00	90.00	0.00699	13.00	90.00	0.00653
15.00	90.00	0.00614	17.00	90.00	0.00578

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00532	25.00	90.00	0.00466
30.00	90.00	0.00410	40.00	90.00	0.00319
50.00	90.00	0.00252	60.00	90.00	0.00202
70.00	90.00	0.00164	80.00	90.00	0.00136
90.00	90.00	0.00114	100.00	90.00	0.00097
-100.00	100.00	0.00027	-90.00	100.00	0.00033
-80.00	100.00	0.00041	-70.00	100.00	0.00052
-60.00	100.00	0.00069	-50.00	100.00	0.00096
-40.00	100.00	0.00141	-30.00	100.00	0.00217
-25.00	100.00	0.00275	-20.00	100.00	0.00351
-17.00	100.00	0.00409	-15.00	100.00	0.00453
-13.00	100.00	0.00505	-11.00	100.00	0.00565
-9.00	100.00	0.00637	9.00	100.00	0.00789
11.00	100.00	0.00727	13.00	100.00	0.00677
15.00	100.00	0.00633	17.00	100.00	0.00594
20.00	100.00	0.00542	25.00	100.00	0.00469
30.00	100.00	0.00409	40.00	100.00	0.00317
50.00	100.00	0.00250	60.00	100.00	0.00201
70.00	100.00	0.00164	80.00	100.00	0.00136
90.00	100.00	0.00114	100.00	100.00	0.00097
-100.00	110.00	0.00030	-90.00	110.00	0.00036
-80.00	110.00	0.00046	-70.00	110.00	0.00059
-60.00	110.00	0.00080	-50.00	110.00	0.00113
-40.00	110.00	0.00167	-30.00	110.00	0.00254
-25.00	110.00	0.00315	-20.00	110.00	0.00393
-17.00	110.00	0.00452	-15.00	110.00	0.00497
-13.00	110.00	0.00548	-11.00	110.00	0.00608
-9.00	110.00	0.00680	9.00	110.00	0.00801
11.00	110.00	0.00733	13.00	110.00	0.00678
15.00	110.00	0.00631	17.00	110.00	0.00588

06NCRA SR01-300_DPM_TRAV_ANN_N-S Bound						
20.00	110.00	0.00532	25.00	110.00	0.00456	
30.00	110.00	0.00396	40.00	110.00	0.00307	
50.00	110.00	0.00245	60.00	110.00	0.00198	
70.00	110.00	0.00163	80.00	110.00	0.00135	
90.00	110.00	0.00113	100.00	110.00	0.00096	
-100.00	120.00	0.00032	-90.00	120.00	0.00040	
-80.00	120.00	0.00051	-70.00	120.00	0.00068	
-60.00	120.00	0.00093	-50.00	120.00	0.00131	
-40.00	120.00	0.00191	-30.00	120.00	0.00283	
-25.00	120.00	0.00347	-20.00	120.00	0.00427	

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00486	-15.00	120.00	0.00531
-13.00	120.00	0.00582	-11.00	120.00	0.00640
-9.00	120.00	0.00710	9.00	120.00	0.00784
11.00	120.00	0.00711	13.00	120.00	0.00651
15.00	120.00	0.00601	17.00	120.00	0.00558
20.00	120.00	0.00503	25.00	120.00	0.00431
30.00	120.00	0.00375	40.00	120.00	0.00295
50.00	120.00	0.00237	60.00	120.00	0.00193
70.00	120.00	0.00160	80.00	120.00	0.00133
90.00	120.00	0.00113	100.00	120.00	0.00096
-100.00	130.00	0.00035	-90.00	130.00	0.00044
-80.00	130.00	0.00058	-70.00	130.00	0.00077
-60.00	130.00	0.00105	-50.00	130.00	0.00148
-40.00	130.00	0.00211	-30.00	130.00	0.00306
-25.00	130.00	0.00371	-20.00	130.00	0.00452
-17.00	130.00	0.00511	-15.00	130.00	0.00556
-13.00	130.00	0.00606	-11.00	130.00	0.00664
-9.00	130.00	0.00731	9.00	130.00	0.00723
11.00	130.00	0.00653	13.00	130.00	0.00598
15.00	130.00	0.00554	17.00	130.00	0.00517
20.00	130.00	0.00469	25.00	130.00	0.00405
30.00	130.00	0.00354	40.00	130.00	0.00280
50.00	130.00	0.00227	60.00	130.00	0.00186
70.00	130.00	0.00155	80.00	130.00	0.00131

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
90.00	130.00	0.00111	100.00	130.00	0.00095	
-100.00	140.00	0.00039	-90.00	140.00	0.00049	
-80.00	140.00	0.00064	-70.00	140.00	0.00085	
-60.00	140.00	0.00117	-50.00	140.00	0.00161	
-40.00	140.00	0.00227	-30.00	140.00	0.00322	
-25.00	140.00	0.00387	-20.00	140.00	0.00468	
-17.00	140.00	0.00526	-15.00	140.00	0.00569	
-13.00	140.00	0.00618	-11.00	140.00	0.00671	
-9.00	140.00	0.00732	9.00	140.00	0.00627	
11.00	140.00	0.00581	13.00	140.00	0.00540	
15.00	140.00	0.00503	17.00	140.00	0.00472	
20.00	140.00	0.00431	25.00	140.00	0.00374	
30.00	140.00	0.00329	40.00	140.00	0.00262	
50.00	140.00	0.00214	60.00	140.00	0.00177	
70.00	140.00	0.00149	80.00	140.00	0.00126	
90.00	140.00	0.00108	100.00	140.00	0.00093	

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

18:21:03  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3      **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	150.00	0.00043	-90.00	150.00	0.00054	
-80.00	150.00	0.00071	-70.00	150.00	0.00094	
-60.00	150.00	0.00127	-50.00	150.00	0.00174	
-40.00	150.00	0.00239	-30.00	150.00	0.00333	
-25.00	150.00	0.00394	-20.00	150.00	0.00466	
-17.00	150.00	0.00515	-15.00	150.00	0.00548	
-13.00	150.00	0.00581	-11.00	150.00	0.00612	
-9.00	150.00	0.00641	9.00	150.00	0.00510	
11.00	150.00	0.00479	13.00	150.00	0.00452	
15.00	150.00	0.00428	17.00	150.00	0.00406	
20.00	150.00	0.00376	25.00	150.00	0.00333	
30.00	150.00	0.00296	40.00	150.00	0.00240	
50.00	150.00	0.00198	60.00	150.00	0.00166	
70.00	150.00	0.00140	80.00	150.00	0.00120	
90.00	150.00	0.00103	100.00	150.00	0.00090	
-100.00	160.00	0.00047	-90.00	160.00	0.00060	
-80.00	160.00	0.00078	-70.00	160.00	0.00103	
-60.00	160.00	0.00136	-50.00	160.00	0.00182	

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-40.00	160.00	0.00244	-30.00	160.00	0.00328	
-25.00	160.00	0.00377	-20.00	160.00	0.00429	
-17.00	160.00	0.00458	-15.00	160.00	0.00477	
-13.00	160.00	0.00494	-11.00	160.00	0.00509	
-9.00	160.00	0.00523	9.00	160.00	0.00418	
11.00	160.00	0.00396	13.00	160.00	0.00376	
15.00	160.00	0.00357	17.00	160.00	0.00341	
20.00	160.00	0.00318	25.00	160.00	0.00286	
30.00	160.00	0.00259	40.00	160.00	0.00215	
50.00	160.00	0.00180	60.00	160.00	0.00153	
70.00	160.00	0.00131	80.00	160.00	0.00113	
90.00	160.00	0.00098	100.00	160.00	0.00086	
-100.00	170.00	0.00052	-90.00	170.00	0.00066	
-80.00	170.00	0.00084	-70.00	170.00	0.00109	
-60.00	170.00	0.00141	-50.00	170.00	0.00184	
-40.00	170.00	0.00240	-30.00	170.00	0.00305	
-25.00	170.00	0.00339	-20.00	170.00	0.00371	
-17.00	170.00	0.00389	-15.00	170.00	0.00399	
-13.00	170.00	0.00409	-11.00	170.00	0.00418	
-9.00	170.00	0.00424	9.00	170.00	0.00345	
11.00	170.00	0.00330	13.00	170.00	0.00315	
15.00	170.00	0.00301	17.00	170.00	0.00288	

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00271	25.00	170.00	0.00245
30.00	170.00	0.00224	40.00	170.00	0.00189
50.00	170.00	0.00162	60.00	170.00	0.00139
70.00	170.00	0.00121	80.00	170.00	0.00105
90.00	170.00	0.00092	100.00	170.00	0.00081
-100.00	180.00	0.00056	-90.00	180.00	0.00070
-80.00	180.00	0.00088	-70.00	180.00	0.00112
-60.00	180.00	0.00143	-50.00	180.00	0.00181
-40.00	180.00	0.00226	-30.00	180.00	0.00273
-25.00	180.00	0.00296	-20.00	180.00	0.00316
-17.00	180.00	0.00327	-15.00	180.00	0.00334
-13.00	180.00	0.00340	-11.00	180.00	0.00344

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-9.00	180.00	0.00347	9.00	180.00	0.00287	
11.00	180.00	0.00277	13.00	180.00	0.00266	
15.00	180.00	0.00256	17.00	180.00	0.00246	
20.00	180.00	0.00232	25.00	180.00	0.00212	
30.00	180.00	0.00194	40.00	180.00	0.00166	
50.00	180.00	0.00144	60.00	180.00	0.00126	
70.00	180.00	0.00111	80.00	180.00	0.00098	
90.00	180.00	0.00086	100.00	180.00	0.00077	
-100.00	190.00	0.00059	-90.00	190.00	0.00073	
-80.00	190.00	0.00091	-70.00	190.00	0.00113	
-60.00	190.00	0.00141	-50.00	190.00	0.00173	
-40.00	190.00	0.00207	-30.00	190.00	0.00240	
-25.00	190.00	0.00255	-20.00	190.00	0.00269	
-17.00	190.00	0.00276	-15.00	190.00	0.00280	
-13.00	190.00	0.00284	-11.00	190.00	0.00286	
-9.00	190.00	0.00287	9.00	190.00	0.00242	
11.00	190.00	0.00234	13.00	190.00	0.00226	
15.00	190.00	0.00219	17.00	190.00	0.00211	
20.00	190.00	0.00201	25.00	190.00	0.00184	
30.00	190.00	0.00170	40.00	190.00	0.00146	
50.00	190.00	0.00128	60.00	190.00	0.00113	
70.00	190.00	0.00100	80.00	190.00	0.00090	
90.00	190.00	0.00080	100.00	190.00	0.00072	
-100.00	200.00	0.00061	-90.00	200.00	0.00075	
-80.00	200.00	0.00092	-70.00	200.00	0.00112	
-60.00	200.00	0.00136	-50.00	200.00	0.00161	
-40.00	200.00	0.00186	-30.00	200.00	0.00210	
-25.00	200.00	0.00221	-20.00	200.00	0.00230	

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

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 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00235	-15.00	200.00	0.00238
-13.00	200.00	0.00240	-11.00	200.00	0.00241
-9.00	200.00	0.00241	9.00	200.00	0.00206
11.00	200.00	0.00200	13.00	200.00	0.00194
15.00	200.00	0.00188	17.00	200.00	0.00183
20.00	200.00	0.00174	25.00	200.00	0.00162

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	200.00	0.00150	40.00	200.00	0.00130
50.00	200.00	0.00114	60.00	200.00	0.00101
70.00	200.00	0.00091	80.00	200.00	0.00082
90.00	200.00	0.00074	100.00	200.00	0.00067
-100.00	210.00	0.00063	-90.00	210.00	0.00076
-80.00	210.00	0.00091	-70.00	210.00	0.00109
-60.00	210.00	0.00128	-50.00	210.00	0.00148
-40.00	210.00	0.00167	-30.00	210.00	0.00184
-25.00	210.00	0.00192	-20.00	210.00	0.00199
-17.00	210.00	0.00202	-15.00	210.00	0.00203
-13.00	210.00	0.00204	-11.00	210.00	0.00205
-9.00	210.00	0.00205	9.00	210.00	0.00177
11.00	210.00	0.00172	13.00	210.00	0.00168
15.00	210.00	0.00163	17.00	210.00	0.00159
20.00	210.00	0.00153	25.00	210.00	0.00142
30.00	210.00	0.00133	40.00	210.00	0.00116
50.00	210.00	0.00103	60.00	210.00	0.00092
70.00	210.00	0.00083	80.00	210.00	0.00075
90.00	210.00	0.00068	100.00	210.00	0.00062
-100.00	220.00	0.00063	-90.00	220.00	0.00075
-80.00	220.00	0.00089	-70.00	220.00	0.00104
-60.00	220.00	0.00119	-50.00	220.00	0.00134
-40.00	220.00	0.00149	-30.00	220.00	0.00162
-25.00	220.00	0.00168	-20.00	220.00	0.00173
-17.00	220.00	0.00175	-15.00	220.00	0.00176
-13.00	220.00	0.00176	-11.00	220.00	0.00176
-9.00	220.00	0.00176	9.00	220.00	0.00154
11.00	220.00	0.00150	13.00	220.00	0.00147
15.00	220.00	0.00143	17.00	220.00	0.00139
20.00	220.00	0.00134	25.00	220.00	0.00126
30.00	220.00	0.00118	40.00	220.00	0.00105
50.00	220.00	0.00093	60.00	220.00	0.00083
70.00	220.00	0.00075	80.00	220.00	0.00068
90.00	220.00	0.00063	100.00	220.00	0.00057

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

04/18/08

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

18:21:03

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

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

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
-100.00	230.00	0.00063	-90.00	230.00	0.00074
-80.00	230.00	0.00086	-70.00	230.00	0.00098
-60.00	230.00	0.00110	-50.00	230.00	0.00122
-40.00	230.00	0.00133	-30.00	230.00	0.00143
-25.00	230.00	0.00148	-20.00	230.00	0.00151
-17.00	230.00	0.00152	-15.00	230.00	0.00153
-13.00	230.00	0.00153	-11.00	230.00	0.00153
-9.00	230.00	0.00152	9.00	230.00	0.00135
11.00	230.00	0.00132	13.00	230.00	0.00129
15.00	230.00	0.00126	17.00	230.00	0.00123
20.00	230.00	0.00119	25.00	230.00	0.00112
30.00	230.00	0.00106	40.00	230.00	0.00094
50.00	230.00	0.00084	60.00	230.00	0.00076
70.00	230.00	0.00069	80.00	230.00	0.00063
90.00	230.00	0.00058	100.00	230.00	0.00053
-100.00	240.00	0.00062	-90.00	240.00	0.00072
-80.00	240.00	0.00082	-70.00	240.00	0.00092
-60.00	240.00	0.00101	-50.00	240.00	0.00111
-40.00	240.00	0.00120	-30.00	240.00	0.00128
-25.00	240.00	0.00131	-20.00	240.00	0.00133
-17.00	240.00	0.00134	-15.00	240.00	0.00134
-13.00	240.00	0.00134	-11.00	240.00	0.00134
-9.00	240.00	0.00133	9.00	240.00	0.00119
11.00	240.00	0.00116	13.00	240.00	0.00114
15.00	240.00	0.00112	17.00	240.00	0.00110
20.00	240.00	0.00106	25.00	240.00	0.00101
30.00	240.00	0.00095	40.00	240.00	0.00086
50.00	240.00	0.00077	60.00	240.00	0.00070
70.00	240.00	0.00063	80.00	240.00	0.00058
90.00	240.00	0.00053	100.00	240.00	0.00049
-100.00	250.00	0.00061	-90.00	250.00	0.00069
-80.00	250.00	0.00077	-70.00	250.00	0.00085
-60.00	250.00	0.00093	-50.00	250.00	0.00101
-40.00	250.00	0.00108	-30.00	250.00	0.00114
-25.00	250.00	0.00117	-20.00	250.00	0.00118
-17.00	250.00	0.00119	-15.00	250.00	0.00119
-13.00	250.00	0.00119	-11.00	250.00	0.00118
-9.00	250.00	0.00118	9.00	250.00	0.00106
11.00	250.00	0.00104	13.00	250.00	0.00102
15.00	250.00	0.00100	17.00	250.00	0.00098

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

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

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\*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00095	25.00	250.00	0.00091
30.00	250.00	0.00086	40.00	250.00	0.00078
50.00	250.00	0.00071	60.00	250.00	0.00064
70.00	250.00	0.00059	80.00	250.00	0.00054
90.00	250.00	0.00050	100.00	250.00	0.00046

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

04/18/08

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

18:21:03

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00007	-90.00	-250.00	0.00007
-80.00	-250.00	0.00007	-70.00	-250.00	0.00008
-60.00	-250.00	0.00009	-50.00	-250.00	0.00010
-40.00	-250.00	0.00011	-30.00	-250.00	0.00012
-25.00	-250.00	0.00012	-20.00	-250.00	0.00012
-17.00	-250.00	0.00013	-15.00	-250.00	0.00013
-13.00	-250.00	0.00013	-11.00	-250.00	0.00013
-9.00	-250.00	0.00013	9.00	-250.00	0.00014
11.00	-250.00	0.00014	13.00	-250.00	0.00014
15.00	-250.00	0.00014	17.00	-250.00	0.00014
20.00	-250.00	0.00014	25.00	-250.00	0.00014
30.00	-250.00	0.00014	40.00	-250.00	0.00015
50.00	-250.00	0.00016	60.00	-250.00	0.00016
70.00	-250.00	0.00017	80.00	-250.00	0.00017
90.00	-250.00	0.00018	100.00	-250.00	0.00018
-100.00	-240.00	0.00007	-90.00	-240.00	0.00007
-80.00	-240.00	0.00008	-70.00	-240.00	0.00008
-60.00	-240.00	0.00009	-50.00	-240.00	0.00010
-40.00	-240.00	0.00011	-30.00	-240.00	0.00013
-25.00	-240.00	0.00013	-20.00	-240.00	0.00013
-17.00	-240.00	0.00014	-15.00	-240.00	0.00014
-13.00	-240.00	0.00014	-11.00	-240.00	0.00014
-9.00	-240.00	0.00014	9.00	-240.00	0.00015



06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
11.00	-240.00	0.00015	13.00	-240.00	0.00015
15.00	-240.00	0.00015	17.00	-240.00	0.00015
20.00	-240.00	0.00015	25.00	-240.00	0.00015
30.00	-240.00	0.00015	40.00	-240.00	0.00016
50.00	-240.00	0.00017	60.00	-240.00	0.00018
70.00	-240.00	0.00018	80.00	-240.00	0.00019
90.00	-240.00	0.00019	100.00	-240.00	0.00020
-100.00	-230.00	0.00007	-90.00	-230.00	0.00008
-80.00	-230.00	0.00008	-70.00	-230.00	0.00009
-60.00	-230.00	0.00010	-50.00	-230.00	0.00011
-40.00	-230.00	0.00012	-30.00	-230.00	0.00013
-25.00	-230.00	0.00014	-20.00	-230.00	0.00014
-17.00	-230.00	0.00015	-15.00	-230.00	0.00015
-13.00	-230.00	0.00015	-11.00	-230.00	0.00015
-9.00	-230.00	0.00015	9.00	-230.00	0.00016
11.00	-230.00	0.00016	13.00	-230.00	0.00016
15.00	-230.00	0.00016	17.00	-230.00	0.00016

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

18:21:03  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00016	25.00	-230.00	0.00017
30.00	-230.00	0.00017	40.00	-230.00	0.00018
50.00	-230.00	0.00019	60.00	-230.00	0.00019
70.00	-230.00	0.00020	80.00	-230.00	0.00021
90.00	-230.00	0.00021	100.00	-230.00	0.00021
-100.00	-220.00	0.00008	-90.00	-220.00	0.00008
-80.00	-220.00	0.00009	-70.00	-220.00	0.00009
-60.00	-220.00	0.00010	-50.00	-220.00	0.00011
-40.00	-220.00	0.00013	-30.00	-220.00	0.00014
-25.00	-220.00	0.00015	-20.00	-220.00	0.00016
-17.00	-220.00	0.00016	-15.00	-220.00	0.00016
-13.00	-220.00	0.00016	-11.00	-220.00	0.00016
-9.00	-220.00	0.00016	9.00	-220.00	0.00017
11.00	-220.00	0.00017	13.00	-220.00	0.00017
15.00	-220.00	0.00017	17.00	-220.00	0.00018
20.00	-220.00	0.00018	25.00	-220.00	0.00018
30.00	-220.00	0.00018	40.00	-220.00	0.00019

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
50.00	-220.00	0.00020	60.00	-220.00	0.00021	
70.00	-220.00	0.00022	80.00	-220.00	0.00023	
90.00	-220.00	0.00023	100.00	-220.00	0.00023	
-100.00	-210.00	0.00008	-90.00	-210.00	0.00009	
-80.00	-210.00	0.00009	-70.00	-210.00	0.00010	
-60.00	-210.00	0.00011	-50.00	-210.00	0.00012	
-40.00	-210.00	0.00014	-30.00	-210.00	0.00015	
-25.00	-210.00	0.00016	-20.00	-210.00	0.00017	
-17.00	-210.00	0.00017	-15.00	-210.00	0.00017	
-13.00	-210.00	0.00018	-11.00	-210.00	0.00018	
-9.00	-210.00	0.00018	9.00	-210.00	0.00019	
11.00	-210.00	0.00019	13.00	-210.00	0.00019	
15.00	-210.00	0.00019	17.00	-210.00	0.00019	
20.00	-210.00	0.00019	25.00	-210.00	0.00020	
30.00	-210.00	0.00020	40.00	-210.00	0.00021	
50.00	-210.00	0.00023	60.00	-210.00	0.00024	
70.00	-210.00	0.00024	80.00	-210.00	0.00025	
90.00	-210.00	0.00025	100.00	-210.00	0.00026	
-100.00	-200.00	0.00009	-90.00	-200.00	0.00009	
-80.00	-200.00	0.00010	-70.00	-200.00	0.00011	
-60.00	-200.00	0.00012	-50.00	-200.00	0.00013	
-40.00	-200.00	0.00015	-30.00	-200.00	0.00017	
-25.00	-200.00	0.00017	-20.00	-200.00	0.00018	

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

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

18:21:03  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00019	-15.00	-200.00	0.00019
-13.00	-200.00	0.00019	-11.00	-200.00	0.00019
-9.00	-200.00	0.00020	9.00	-200.00	0.00021
11.00	-200.00	0.00021	13.00	-200.00	0.00021
15.00	-200.00	0.00021	17.00	-200.00	0.00021
20.00	-200.00	0.00021	25.00	-200.00	0.00022
30.00	-200.00	0.00022	40.00	-200.00	0.00024
50.00	-200.00	0.00025	60.00	-200.00	0.00026
70.00	-200.00	0.00027	80.00	-200.00	0.00028
90.00	-200.00	0.00028	100.00	-200.00	0.00028
-100.00	-190.00	0.00009	-90.00	-190.00	0.00010

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-190.00	0.00011	-70.00	-190.00	0.00011
-60.00	-190.00	0.00012	-50.00	-190.00	0.00014
-40.00	-190.00	0.00016	-30.00	-190.00	0.00018
-25.00	-190.00	0.00019	-20.00	-190.00	0.00020
-17.00	-190.00	0.00020	-15.00	-190.00	0.00021
-13.00	-190.00	0.00021	-11.00	-190.00	0.00021
-9.00	-190.00	0.00021	9.00	-190.00	0.00023
11.00	-190.00	0.00023	13.00	-190.00	0.00023
15.00	-190.00	0.00023	17.00	-190.00	0.00023
20.00	-190.00	0.00024	25.00	-190.00	0.00024
30.00	-190.00	0.00025	40.00	-190.00	0.00026
50.00	-190.00	0.00028	60.00	-190.00	0.00029
70.00	-190.00	0.00030	80.00	-190.00	0.00031
90.00	-190.00	0.00031	100.00	-190.00	0.00031
-100.00	-180.00	0.00010	-90.00	-180.00	0.00011
-80.00	-180.00	0.00011	-70.00	-180.00	0.00012
-60.00	-180.00	0.00013	-50.00	-180.00	0.00015
-40.00	-180.00	0.00017	-30.00	-180.00	0.00019
-25.00	-180.00	0.00021	-20.00	-180.00	0.00022
-17.00	-180.00	0.00022	-15.00	-180.00	0.00023
-13.00	-180.00	0.00023	-11.00	-180.00	0.00023
-9.00	-180.00	0.00024	9.00	-180.00	0.00025
11.00	-180.00	0.00025	13.00	-180.00	0.00025
15.00	-180.00	0.00026	17.00	-180.00	0.00026
20.00	-180.00	0.00026	25.00	-180.00	0.00027
30.00	-180.00	0.00028	40.00	-180.00	0.00030
50.00	-180.00	0.00031	60.00	-180.00	0.00033
70.00	-180.00	0.00033	80.00	-180.00	0.00034
90.00	-180.00	0.00035	100.00	-180.00	0.00035

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

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

18:21:03

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00010	-90.00	-170.00	0.00011
-80.00	-170.00	0.00012	-70.00	-170.00	0.00013
-60.00	-170.00	0.00014	-50.00	-170.00	0.00016
-40.00	-170.00	0.00018	-30.00	-170.00	0.00021
-25.00	-170.00	0.00022	-20.00	-170.00	0.00024

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
-17.00	-170.00	0.00025	-15.00	-170.00	0.00025
-13.00	-170.00	0.00025	-11.00	-170.00	0.00026
-9.00	-170.00	0.00026	9.00	-170.00	0.00028
11.00	-170.00	0.00028	13.00	-170.00	0.00028
15.00	-170.00	0.00029	17.00	-170.00	0.00029
20.00	-170.00	0.00029	25.00	-170.00	0.00030
30.00	-170.00	0.00031	40.00	-170.00	0.00034
50.00	-170.00	0.00035	60.00	-170.00	0.00037
70.00	-170.00	0.00038	80.00	-170.00	0.00038
90.00	-170.00	0.00038	100.00	-170.00	0.00038
-100.00	-160.00	0.00010	-90.00	-160.00	0.00012
-80.00	-160.00	0.00013	-70.00	-160.00	0.00014
-60.00	-160.00	0.00015	-50.00	-160.00	0.00017
-40.00	-160.00	0.00019	-30.00	-160.00	0.00023
-25.00	-160.00	0.00024	-20.00	-160.00	0.00026
-17.00	-160.00	0.00027	-15.00	-160.00	0.00028
-13.00	-160.00	0.00028	-11.00	-160.00	0.00029
-9.00	-160.00	0.00029	9.00	-160.00	0.00031
11.00	-160.00	0.00032	13.00	-160.00	0.00032
15.00	-160.00	0.00032	17.00	-160.00	0.00033
20.00	-160.00	0.00033	25.00	-160.00	0.00034
30.00	-160.00	0.00036	40.00	-160.00	0.00038
50.00	-160.00	0.00040	60.00	-160.00	0.00042
70.00	-160.00	0.00043	80.00	-160.00	0.00043
90.00	-160.00	0.00043	100.00	-160.00	0.00042
-100.00	-150.00	0.00011	-90.00	-150.00	0.00012
-80.00	-150.00	0.00014	-70.00	-150.00	0.00015
-60.00	-150.00	0.00017	-50.00	-150.00	0.00018
-40.00	-150.00	0.00021	-30.00	-150.00	0.00024
-25.00	-150.00	0.00027	-20.00	-150.00	0.00029
-17.00	-150.00	0.00030	-15.00	-150.00	0.00031
-13.00	-150.00	0.00032	-11.00	-150.00	0.00032
-9.00	-150.00	0.00033	9.00	-150.00	0.00035
11.00	-150.00	0.00036	13.00	-150.00	0.00036
15.00	-150.00	0.00036	17.00	-150.00	0.00037

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

18:21:03  
\*\*MODELOPTs:  
PAGE 67  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-150.00	0.00038	25.00	-150.00	0.00039
30.00	-150.00	0.00041	40.00	-150.00	0.00044
50.00	-150.00	0.00046	60.00	-150.00	0.00047
70.00	-150.00	0.00048	80.00	-150.00	0.00049
90.00	-150.00	0.00048	100.00	-150.00	0.00047
-100.00	-140.00	0.00011	-90.00	-140.00	0.00012
-80.00	-140.00	0.00014	-70.00	-140.00	0.00016
-60.00	-140.00	0.00018	-50.00	-140.00	0.00020
-40.00	-140.00	0.00023	-30.00	-140.00	0.00027
-25.00	-140.00	0.00029	-20.00	-140.00	0.00032
-17.00	-140.00	0.00033	-15.00	-140.00	0.00034
-13.00	-140.00	0.00035	-11.00	-140.00	0.00036
-9.00	-140.00	0.00037	9.00	-140.00	0.00040
11.00	-140.00	0.00041	13.00	-140.00	0.00041
15.00	-140.00	0.00042	17.00	-140.00	0.00042
20.00	-140.00	0.00043	25.00	-140.00	0.00045
30.00	-140.00	0.00047	40.00	-140.00	0.00051
50.00	-140.00	0.00053	60.00	-140.00	0.00055
70.00	-140.00	0.00055	80.00	-140.00	0.00055
90.00	-140.00	0.00054	100.00	-140.00	0.00052
-100.00	-130.00	0.00011	-90.00	-130.00	0.00013
-80.00	-130.00	0.00015	-70.00	-130.00	0.00017
-60.00	-130.00	0.00020	-50.00	-130.00	0.00022
-40.00	-130.00	0.00025	-30.00	-130.00	0.00029
-25.00	-130.00	0.00032	-20.00	-130.00	0.00035
-17.00	-130.00	0.00037	-15.00	-130.00	0.00039
-13.00	-130.00	0.00040	-11.00	-130.00	0.00041
-9.00	-130.00	0.00042	9.00	-130.00	0.00046
11.00	-130.00	0.00047	13.00	-130.00	0.00048
15.00	-130.00	0.00048	17.00	-130.00	0.00049
20.00	-130.00	0.00051	25.00	-130.00	0.00053
30.00	-130.00	0.00055	40.00	-130.00	0.00059
50.00	-130.00	0.00062	60.00	-130.00	0.00063
70.00	-130.00	0.00063	80.00	-130.00	0.00062
90.00	-130.00	0.00060	100.00	-130.00	0.00057
-100.00	-120.00	0.00012	-90.00	-120.00	0.00013
-80.00	-120.00	0.00015	-70.00	-120.00	0.00018
-60.00	-120.00	0.00021	-50.00	-120.00	0.00024
-40.00	-120.00	0.00027	-30.00	-120.00	0.00032
-25.00	-120.00	0.00035	-20.00	-120.00	0.00039

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	-120.00	0.00042	-15.00	-120.00	0.00043	
-13.00	-120.00	0.00045	-11.00	-120.00	0.00046	
-9.00	-120.00	0.00048	9.00	-120.00	0.00054	
11.00	-120.00	0.00055	13.00	-120.00	0.00056	
15.00	-120.00	0.00057	17.00	-120.00	0.00058	
20.00	-120.00	0.00060	25.00	-120.00	0.00063	
30.00	-120.00	0.00065	40.00	-120.00	0.00070	
50.00	-120.00	0.00073	60.00	-120.00	0.00074	
70.00	-120.00	0.00073	80.00	-120.00	0.00070	
90.00	-120.00	0.00066	100.00	-120.00	0.00062	
-100.00	-110.00	0.00012	-90.00	-110.00	0.00014	
-80.00	-110.00	0.00016	-70.00	-110.00	0.00019	
-60.00	-110.00	0.00022	-50.00	-110.00	0.00026	
-40.00	-110.00	0.00030	-30.00	-110.00	0.00035	
-25.00	-110.00	0.00039	-20.00	-110.00	0.00044	
-17.00	-110.00	0.00047	-15.00	-110.00	0.00049	
-13.00	-110.00	0.00051	-11.00	-110.00	0.00053	
-9.00	-110.00	0.00055	9.00	-110.00	0.00063	
11.00	-110.00	0.00065	13.00	-110.00	0.00066	
15.00	-110.00	0.00067	17.00	-110.00	0.00069	
20.00	-110.00	0.00071	25.00	-110.00	0.00075	
30.00	-110.00	0.00079	40.00	-110.00	0.00084	
50.00	-110.00	0.00086	60.00	-110.00	0.00086	
70.00	-110.00	0.00083	80.00	-110.00	0.00079	
90.00	-110.00	0.00073	100.00	-110.00	0.00068	
-100.00	-100.00	0.00013	-90.00	-100.00	0.00015	
-80.00	-100.00	0.00017	-70.00	-100.00	0.00020	
-60.00	-100.00	0.00023	-50.00	-100.00	0.00028	
-40.00	-100.00	0.00033	-30.00	-100.00	0.00039	
-25.00	-100.00	0.00043	-20.00	-100.00	0.00049	
-17.00	-100.00	0.00052	-15.00	-100.00	0.00055	
-13.00	-100.00	0.00058	-11.00	-100.00	0.00061	
-9.00	-100.00	0.00063	9.00	-100.00	0.00076	
11.00	-100.00	0.00077	13.00	-100.00	0.00079	
15.00	-100.00	0.00081	17.00	-100.00	0.00084	
20.00	-100.00	0.00087	25.00	-100.00	0.00092	
30.00	-100.00	0.00096	40.00	-100.00	0.00101	

	50.00	-100.00	06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound 0.00102	60.00	-100.00	0.00100
	70.00	-100.00	0.00094	80.00	-100.00	0.00087
	90.00	-100.00	0.00080	100.00	-100.00	0.00073

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

18:21:03  
 \*\*MODELOPTs:  
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CONC                    URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00014	-90.00	-90.00	0.00016
-80.00	-90.00	0.00018	-70.00	-90.00	0.00021
-60.00	-90.00	0.00025	-50.00	-90.00	0.00029
-40.00	-90.00	0.00036	-30.00	-90.00	0.00044
-25.00	-90.00	0.00049	-20.00	-90.00	0.00054
-17.00	-90.00	0.00059	-15.00	-90.00	0.00062
-13.00	-90.00	0.00066	-11.00	-90.00	0.00069
-9.00	-90.00	0.00073	9.00	-90.00	0.00092
11.00	-90.00	0.00095	13.00	-90.00	0.00097
15.00	-90.00	0.00100	17.00	-90.00	0.00103
20.00	-90.00	0.00108	25.00	-90.00	0.00114
30.00	-90.00	0.00119	40.00	-90.00	0.00123
50.00	-90.00	0.00121	60.00	-90.00	0.00115
70.00	-90.00	0.00106	80.00	-90.00	0.00096
90.00	-90.00	0.00086	100.00	-90.00	0.00077
-100.00	-80.00	0.00015	-90.00	-80.00	0.00017
-80.00	-80.00	0.00020	-70.00	-80.00	0.00023
-60.00	-80.00	0.00027	-50.00	-80.00	0.00032
-40.00	-80.00	0.00038	-30.00	-80.00	0.00048
-25.00	-80.00	0.00054	-20.00	-80.00	0.00061
-17.00	-80.00	0.00066	-15.00	-80.00	0.00070
-13.00	-80.00	0.00074	-11.00	-80.00	0.00079
-9.00	-80.00	0.00084	9.00	-80.00	0.00114
11.00	-80.00	0.00118	13.00	-80.00	0.00123
15.00	-80.00	0.00127	17.00	-80.00	0.00131
20.00	-80.00	0.00137	25.00	-80.00	0.00145
30.00	-80.00	0.00149	40.00	-80.00	0.00150
50.00	-80.00	0.00142	60.00	-80.00	0.00130
70.00	-80.00	0.00117	80.00	-80.00	0.00104
90.00	-80.00	0.00092	100.00	-80.00	0.00081
-100.00	-70.00	0.00017	-90.00	-70.00	0.00019

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-80.00	-70.00	0.00021	-70.00	-70.00	0.00025	
-60.00	-70.00	0.00029	-50.00	-70.00	0.00035	
-40.00	-70.00	0.00042	-30.00	-70.00	0.00051	
-25.00	-70.00	0.00058	-20.00	-70.00	0.00067	
-17.00	-70.00	0.00074	-15.00	-70.00	0.00079	
-13.00	-70.00	0.00084	-11.00	-70.00	0.00090	
-9.00	-70.00	0.00097	9.00	-70.00	0.00146	
11.00	-70.00	0.00153	13.00	-70.00	0.00160	
15.00	-70.00	0.00166	17.00	-70.00	0.00171	

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

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

18:21:03

\*\*MODELOPTs:  
 PAGE 70

CONC                      URBAN FLAT    FLGPOL DFAULT

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

INCLUDING SOURCE(S):            NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00178	25.00	-70.00	0.00185
30.00	-70.00	0.00186	40.00	-70.00	0.00178
50.00	-70.00	0.00162	60.00	-70.00	0.00144
70.00	-70.00	0.00127	80.00	-70.00	0.00111
90.00	-70.00	0.00097	100.00	-70.00	0.00085
-100.00	-60.00	0.00018	-90.00	-60.00	0.00020
-80.00	-60.00	0.00023	-70.00	-60.00	0.00027
-60.00	-60.00	0.00032	-50.00	-60.00	0.00038
-40.00	-60.00	0.00046	-30.00	-60.00	0.00056
-25.00	-60.00	0.00063	-20.00	-60.00	0.00072
-17.00	-60.00	0.00080	-15.00	-60.00	0.00086
-13.00	-60.00	0.00093	-11.00	-60.00	0.00101
-9.00	-60.00	0.00110	9.00	-60.00	0.00198
11.00	-60.00	0.00208	13.00	-60.00	0.00217
15.00	-60.00	0.00224	17.00	-60.00	0.00229
20.00	-60.00	0.00232	25.00	-60.00	0.00232
30.00	-60.00	0.00225	40.00	-60.00	0.00204
50.00	-60.00	0.00181	60.00	-60.00	0.00157
70.00	-60.00	0.00136	80.00	-60.00	0.00117
90.00	-60.00	0.00101	100.00	-60.00	0.00088
-100.00	-50.00	0.00020	-90.00	-50.00	0.00022
-80.00	-50.00	0.00025	-70.00	-50.00	0.00029
-60.00	-50.00	0.00035	-50.00	-50.00	0.00042
-40.00	-50.00	0.00051	-30.00	-50.00	0.00062
-25.00	-50.00	0.00070	-20.00	-50.00	0.00080



06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-17.00	-50.00	0.00088	-15.00	-50.00	0.00094	
-13.00	-50.00	0.00102	-11.00	-50.00	0.00111	
-9.00	-50.00	0.00122	9.00	-50.00	0.00288	
11.00	-50.00	0.00292	13.00	-50.00	0.00293	
15.00	-50.00	0.00293	17.00	-50.00	0.00291	
20.00	-50.00	0.00286	25.00	-50.00	0.00275	
30.00	-50.00	0.00260	40.00	-50.00	0.00229	
50.00	-50.00	0.00197	60.00	-50.00	0.00169	
70.00	-50.00	0.00143	80.00	-50.00	0.00122	
90.00	-50.00	0.00104	100.00	-50.00	0.00090	
-100.00	-40.00	0.00022	-90.00	-40.00	0.00024	
-80.00	-40.00	0.00028	-70.00	-40.00	0.00032	
-60.00	-40.00	0.00038	-50.00	-40.00	0.00046	
-40.00	-40.00	0.00056	-30.00	-40.00	0.00070	
-25.00	-40.00	0.00078	-20.00	-40.00	0.00090	

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

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 71  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00099	-15.00	-40.00	0.00107
-13.00	-40.00	0.00116	-11.00	-40.00	0.00129
-9.00	-40.00	0.00148	9.00	-40.00	0.00399
11.00	-40.00	0.00383	13.00	-40.00	0.00371
15.00	-40.00	0.00361	17.00	-40.00	0.00352
20.00	-40.00	0.00339	25.00	-40.00	0.00316
30.00	-40.00	0.00294	40.00	-40.00	0.00252
50.00	-40.00	0.00213	60.00	-40.00	0.00179
70.00	-40.00	0.00150	80.00	-40.00	0.00126
90.00	-40.00	0.00107	100.00	-40.00	0.00092
-100.00	-30.00	0.00023	-90.00	-30.00	0.00026
-80.00	-30.00	0.00030	-70.00	-30.00	0.00035
-60.00	-30.00	0.00041	-50.00	-30.00	0.00049
-40.00	-30.00	0.00061	-30.00	-30.00	0.00079
-25.00	-30.00	0.00092	-20.00	-30.00	0.00112
-17.00	-30.00	0.00131	-15.00	-30.00	0.00149
-13.00	-30.00	0.00174	-11.00	-30.00	0.00209
-9.00	-30.00	0.00258	9.00	-30.00	0.00527
11.00	-30.00	0.00495	13.00	-30.00	0.00469

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-30.00	0.00447	17.00	-30.00	0.00428
20.00	-30.00	0.00402	25.00	-30.00	0.00364
30.00	-30.00	0.00331	40.00	-30.00	0.00275
50.00	-30.00	0.00228	60.00	-30.00	0.00188
70.00	-30.00	0.00156	80.00	-30.00	0.00130
90.00	-30.00	0.00110	100.00	-30.00	0.00093
-100.00	-20.00	0.00023	-90.00	-20.00	0.00027
-80.00	-20.00	0.00032	-70.00	-20.00	0.00037
-60.00	-20.00	0.00045	-50.00	-20.00	0.00055
-40.00	-20.00	0.00071	-30.00	-20.00	0.00100
-25.00	-20.00	0.00125	-20.00	-20.00	0.00166
-17.00	-20.00	0.00203	-15.00	-20.00	0.00236
-13.00	-20.00	0.00276	-11.00	-20.00	0.00325
-9.00	-20.00	0.00389	9.00	-20.00	0.00627
11.00	-20.00	0.00585	13.00	-20.00	0.00551
15.00	-20.00	0.00522	17.00	-20.00	0.00496
20.00	-20.00	0.00462	25.00	-20.00	0.00411
30.00	-20.00	0.00368	40.00	-20.00	0.00296
50.00	-20.00	0.00240	60.00	-20.00	0.00195
70.00	-20.00	0.00160	80.00	-20.00	0.00133
90.00	-20.00	0.00112	100.00	-20.00	0.00095

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

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

18:21:03

\*\*MODELOPTs:  
 PAGE 72

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00024	-90.00	-10.00	0.00028
-80.00	-10.00	0.00034	-70.00	-10.00	0.00041
-60.00	-10.00	0.00051	-50.00	-10.00	0.00065
-40.00	-10.00	0.00088	-30.00	-10.00	0.00135
-25.00	-10.00	0.00175	-20.00	-10.00	0.00236
-17.00	-10.00	0.00284	-15.00	-10.00	0.00324
-13.00	-10.00	0.00370	-11.00	-10.00	0.00426
-9.00	-10.00	0.00496	9.00	-10.00	0.00702
11.00	-10.00	0.00652	13.00	-10.00	0.00612
15.00	-10.00	0.00577	17.00	-10.00	0.00546
20.00	-10.00	0.00505	25.00	-10.00	0.00446
30.00	-10.00	0.00396	40.00	-10.00	0.00312
50.00	-10.00	0.00248	60.00	-10.00	0.00200

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-10.00	0.00163	80.00	-10.00	0.00135
90.00	-10.00	0.00113	100.00	-10.00	0.00096
-100.00	0.00	0.00025	-90.00	0.00	0.00030
-80.00	0.00	0.00037	-70.00	0.00	0.00046
-60.00	0.00	0.00059	-50.00	0.00	0.00079
-40.00	0.00	0.00112	-30.00	0.00	0.00176
-25.00	0.00	0.00228	-20.00	0.00	0.00299
-17.00	0.00	0.00354	-15.00	0.00	0.00396
-13.00	0.00	0.00446	-11.00	0.00	0.00505
-9.00	0.00	0.00577	9.00	0.00	0.00755
11.00	0.00	0.00699	13.00	0.00	0.00653
15.00	0.00	0.00614	17.00	0.00	0.00578
20.00	0.00	0.00532	25.00	0.00	0.00466
30.00	0.00	0.00410	40.00	0.00	0.00319
50.00	0.00	0.00252	60.00	0.00	0.00202
70.00	0.00	0.00164	80.00	0.00	0.00136
90.00	0.00	0.00114	100.00	0.00	0.00097
-100.00	10.00	0.00027	-90.00	10.00	0.00033
-80.00	10.00	0.00041	-70.00	10.00	0.00052
-60.00	10.00	0.00069	-50.00	10.00	0.00096
-40.00	10.00	0.00141	-30.00	10.00	0.00217
-25.00	10.00	0.00275	-20.00	10.00	0.00351
-17.00	10.00	0.00409	-15.00	10.00	0.00453
-13.00	10.00	0.00505	-11.00	10.00	0.00565
-9.00	10.00	0.00637	9.00	10.00	0.00789
11.00	10.00	0.00727	13.00	10.00	0.00677
15.00	10.00	0.00633	17.00	10.00	0.00594

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

18:21:03

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

\*\*MODELOPTs:  
 PAGE 73

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00542	25.00	10.00	0.00469
30.00	10.00	0.00409	40.00	10.00	0.00317
50.00	10.00	0.00250	60.00	10.00	0.00201
70.00	10.00	0.00164	80.00	10.00	0.00136
90.00	10.00	0.00114	100.00	10.00	0.00097
-100.00	20.00	0.00030	-90.00	20.00	0.00036
-80.00	20.00	0.00046	-70.00	20.00	0.00059

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	20.00	0.00080	-50.00	20.00	0.00113
-40.00	20.00	0.00167	-30.00	20.00	0.00254
-25.00	20.00	0.00315	-20.00	20.00	0.00393
-17.00	20.00	0.00452	-15.00	20.00	0.00497
-13.00	20.00	0.00548	-11.00	20.00	0.00608
-9.00	20.00	0.00680	9.00	20.00	0.00801
11.00	20.00	0.00733	13.00	20.00	0.00678
15.00	20.00	0.00631	17.00	20.00	0.00588
20.00	20.00	0.00532	25.00	20.00	0.00456
30.00	20.00	0.00396	40.00	20.00	0.00307
50.00	20.00	0.00245	60.00	20.00	0.00198
70.00	20.00	0.00163	80.00	20.00	0.00135
90.00	20.00	0.00113	100.00	20.00	0.00096
-100.00	30.00	0.00032	-90.00	30.00	0.00040
-80.00	30.00	0.00051	-70.00	30.00	0.00068
-60.00	30.00	0.00093	-50.00	30.00	0.00131
-40.00	30.00	0.00191	-30.00	30.00	0.00283
-25.00	30.00	0.00347	-20.00	30.00	0.00427
-17.00	30.00	0.00486	-15.00	30.00	0.00531
-13.00	30.00	0.00582	-11.00	30.00	0.00640
-9.00	30.00	0.00710	9.00	30.00	0.00784
11.00	30.00	0.00711	13.00	30.00	0.00651
15.00	30.00	0.00601	17.00	30.00	0.00558
20.00	30.00	0.00503	25.00	30.00	0.00431
30.00	30.00	0.00375	40.00	30.00	0.00295
50.00	30.00	0.00237	60.00	30.00	0.00193
70.00	30.00	0.00160	80.00	30.00	0.00133
90.00	30.00	0.00113	100.00	30.00	0.00096
-100.00	40.00	0.00035	-90.00	40.00	0.00044
-80.00	40.00	0.00058	-70.00	40.00	0.00077
-60.00	40.00	0.00105	-50.00	40.00	0.00148
-40.00	40.00	0.00211	-30.00	40.00	0.00306
-25.00	40.00	0.00371	-20.00	40.00	0.00452

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00511	-15.00	40.00	0.00556

06NCRA SR01-300_DPM_TRAV_ANN_N-S Bound					
-13.00	40.00	0.00606	-11.00	40.00	0.00664
-9.00	40.00	0.00731	9.00	40.00	0.00723
11.00	40.00	0.00653	13.00	40.00	0.00598
15.00	40.00	0.00554	17.00	40.00	0.00517
20.00	40.00	0.00469	25.00	40.00	0.00405
30.00	40.00	0.00354	40.00	40.00	0.00280
50.00	40.00	0.00227	60.00	40.00	0.00186
70.00	40.00	0.00155	80.00	40.00	0.00131
90.00	40.00	0.00111	100.00	40.00	0.00095
-100.00	50.00	0.00039	-90.00	50.00	0.00049
-80.00	50.00	0.00064	-70.00	50.00	0.00085
-60.00	50.00	0.00117	-50.00	50.00	0.00161
-40.00	50.00	0.00227	-30.00	50.00	0.00322
-25.00	50.00	0.00387	-20.00	50.00	0.00468
-17.00	50.00	0.00526	-15.00	50.00	0.00569
-13.00	50.00	0.00618	-11.00	50.00	0.00671
-9.00	50.00	0.00732	9.00	50.00	0.00627
11.00	50.00	0.00581	13.00	50.00	0.00540
15.00	50.00	0.00503	17.00	50.00	0.00472
20.00	50.00	0.00431	25.00	50.00	0.00374
30.00	50.00	0.00329	40.00	50.00	0.00262
50.00	50.00	0.00214	60.00	50.00	0.00177
70.00	50.00	0.00149	80.00	50.00	0.00126
90.00	50.00	0.00108	100.00	50.00	0.00093
-100.00	60.00	0.00043	-90.00	60.00	0.00054
-80.00	60.00	0.00071	-70.00	60.00	0.00094
-60.00	60.00	0.00127	-50.00	60.00	0.00174
-40.00	60.00	0.00239	-30.00	60.00	0.00333
-25.00	60.00	0.00394	-20.00	60.00	0.00466
-17.00	60.00	0.00515	-15.00	60.00	0.00548
-13.00	60.00	0.00581	-11.00	60.00	0.00612
-9.00	60.00	0.00641	9.00	60.00	0.00510
11.00	60.00	0.00479	13.00	60.00	0.00452
15.00	60.00	0.00428	17.00	60.00	0.00406
20.00	60.00	0.00376	25.00	60.00	0.00333
30.00	60.00	0.00296	40.00	60.00	0.00240
50.00	60.00	0.00198	60.00	60.00	0.00166
70.00	60.00	0.00140	80.00	60.00	0.00120
90.00	60.00	0.00103	100.00	60.00	0.00090

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

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

18:21:03  
\*\*MODELOPTs:  
PAGE 75

CONC URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

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

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00047	-90.00	70.00	0.00060
-80.00	70.00	0.00078	-70.00	70.00	0.00103
-60.00	70.00	0.00136	-50.00	70.00	0.00182
-40.00	70.00	0.00244	-30.00	70.00	0.00328
-25.00	70.00	0.00377	-20.00	70.00	0.00429
-17.00	70.00	0.00458	-15.00	70.00	0.00477
-13.00	70.00	0.00494	-11.00	70.00	0.00509
-9.00	70.00	0.00523	9.00	70.00	0.00418
11.00	70.00	0.00396	13.00	70.00	0.00376
15.00	70.00	0.00357	17.00	70.00	0.00341
20.00	70.00	0.00318	25.00	70.00	0.00286
30.00	70.00	0.00259	40.00	70.00	0.00215
50.00	70.00	0.00180	60.00	70.00	0.00153
70.00	70.00	0.00131	80.00	70.00	0.00113
90.00	70.00	0.00098	100.00	70.00	0.00086
-100.00	80.00	0.00052	-90.00	80.00	0.00066
-80.00	80.00	0.00084	-70.00	80.00	0.00109
-60.00	80.00	0.00141	-50.00	80.00	0.00184
-40.00	80.00	0.00240	-30.00	80.00	0.00305
-25.00	80.00	0.00339	-20.00	80.00	0.00371
-17.00	80.00	0.00389	-15.00	80.00	0.00399
-13.00	80.00	0.00409	-11.00	80.00	0.00418
-9.00	80.00	0.00424	9.00	80.00	0.00345
11.00	80.00	0.00330	13.00	80.00	0.00315
15.00	80.00	0.00301	17.00	80.00	0.00288
20.00	80.00	0.00271	25.00	80.00	0.00245
30.00	80.00	0.00224	40.00	80.00	0.00189
50.00	80.00	0.00162	60.00	80.00	0.00139
70.00	80.00	0.00121	80.00	80.00	0.00105
90.00	80.00	0.00092	100.00	80.00	0.00081
-100.00	90.00	0.00056	-90.00	90.00	0.00070
-80.00	90.00	0.00088	-70.00	90.00	0.00112
-60.00	90.00	0.00143	-50.00	90.00	0.00181
-40.00	90.00	0.00226	-30.00	90.00	0.00273
-25.00	90.00	0.00296	-20.00	90.00	0.00316
-17.00	90.00	0.00327	-15.00	90.00	0.00334
-13.00	90.00	0.00340	-11.00	90.00	0.00344
-9.00	90.00	0.00347	9.00	90.00	0.00287
11.00	90.00	0.00277	13.00	90.00	0.00266

15.00 90.00 06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound 0.00256 17.00 90.00 0.00246

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

18:21:03  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00232	25.00	90.00	0.00212
30.00	90.00	0.00194	40.00	90.00	0.00166
50.00	90.00	0.00144	60.00	90.00	0.00126
70.00	90.00	0.00111	80.00	90.00	0.00098
90.00	90.00	0.00086	100.00	90.00	0.00077
-100.00	100.00	0.00059	-90.00	100.00	0.00073
-80.00	100.00	0.00091	-70.00	100.00	0.00113
-60.00	100.00	0.00141	-50.00	100.00	0.00173
-40.00	100.00	0.00207	-30.00	100.00	0.00240
-25.00	100.00	0.00255	-20.00	100.00	0.00269
-17.00	100.00	0.00276	-15.00	100.00	0.00280
-13.00	100.00	0.00284	-11.00	100.00	0.00286
-9.00	100.00	0.00287	9.00	100.00	0.00242
11.00	100.00	0.00234	13.00	100.00	0.00226
15.00	100.00	0.00219	17.00	100.00	0.00211
20.00	100.00	0.00201	25.00	100.00	0.00184
30.00	100.00	0.00170	40.00	100.00	0.00146
50.00	100.00	0.00128	60.00	100.00	0.00113
70.00	100.00	0.00100	80.00	100.00	0.00090
90.00	100.00	0.00080	100.00	100.00	0.00072
-100.00	110.00	0.00061	-90.00	110.00	0.00075
-80.00	110.00	0.00092	-70.00	110.00	0.00112
-60.00	110.00	0.00136	-50.00	110.00	0.00161
-40.00	110.00	0.00186	-30.00	110.00	0.00210
-25.00	110.00	0.00221	-20.00	110.00	0.00230
-17.00	110.00	0.00235	-15.00	110.00	0.00238
-13.00	110.00	0.00240	-11.00	110.00	0.00241
-9.00	110.00	0.00241	9.00	110.00	0.00206
11.00	110.00	0.00200	13.00	110.00	0.00194
15.00	110.00	0.00188	17.00	110.00	0.00183
20.00	110.00	0.00174	25.00	110.00	0.00162
30.00	110.00	0.00150	40.00	110.00	0.00130
50.00	110.00	0.00114	60.00	110.00	0.00101

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
70.00	110.00	0.00091	80.00	110.00	0.00082	
90.00	110.00	0.00074	100.00	110.00	0.00067	
-100.00	120.00	0.00063	-90.00	120.00	0.00076	
-80.00	120.00	0.00091	-70.00	120.00	0.00109	
-60.00	120.00	0.00128	-50.00	120.00	0.00148	
-40.00	120.00	0.00167	-30.00	120.00	0.00184	
-25.00	120.00	0.00192	-20.00	120.00	0.00199	

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

18:21:03  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3      **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	120.00	0.00202	-15.00	120.00	0.00203	
-13.00	120.00	0.00204	-11.00	120.00	0.00205	
-9.00	120.00	0.00205	9.00	120.00	0.00177	
11.00	120.00	0.00172	13.00	120.00	0.00168	
15.00	120.00	0.00163	17.00	120.00	0.00159	
20.00	120.00	0.00153	25.00	120.00	0.00142	
30.00	120.00	0.00133	40.00	120.00	0.00116	
50.00	120.00	0.00103	60.00	120.00	0.00092	
70.00	120.00	0.00083	80.00	120.00	0.00075	
90.00	120.00	0.00068	100.00	120.00	0.00062	
-100.00	130.00	0.00063	-90.00	130.00	0.00075	
-80.00	130.00	0.00089	-70.00	130.00	0.00104	
-60.00	130.00	0.00119	-50.00	130.00	0.00134	
-40.00	130.00	0.00149	-30.00	130.00	0.00162	
-25.00	130.00	0.00168	-20.00	130.00	0.00173	
-17.00	130.00	0.00175	-15.00	130.00	0.00176	
-13.00	130.00	0.00176	-11.00	130.00	0.00176	
-9.00	130.00	0.00176	9.00	130.00	0.00154	
11.00	130.00	0.00150	13.00	130.00	0.00147	
15.00	130.00	0.00143	17.00	130.00	0.00139	
20.00	130.00	0.00134	25.00	130.00	0.00126	
30.00	130.00	0.00118	40.00	130.00	0.00105	
50.00	130.00	0.00093	60.00	130.00	0.00083	
70.00	130.00	0.00075	80.00	130.00	0.00068	
90.00	130.00	0.00063	100.00	130.00	0.00057	
-100.00	140.00	0.00063	-90.00	140.00	0.00074	
-80.00	140.00	0.00086	-70.00	140.00	0.00098	



X (M)	Y (M)	CONC	X (M)	Y (M)	CONC
-60.00	140.00	0.00110	-50.00	140.00	0.00122
-40.00	140.00	0.00133	-30.00	140.00	0.00143
-25.00	140.00	0.00148	-20.00	140.00	0.00151
-17.00	140.00	0.00152	-15.00	140.00	0.00153
-13.00	140.00	0.00153	-11.00	140.00	0.00153
-9.00	140.00	0.00152	9.00	140.00	0.00135
11.00	140.00	0.00132	13.00	140.00	0.00129
15.00	140.00	0.00126	17.00	140.00	0.00123
20.00	140.00	0.00119	25.00	140.00	0.00112
30.00	140.00	0.00106	40.00	140.00	0.00094
50.00	140.00	0.00084	60.00	140.00	0.00076
70.00	140.00	0.00069	80.00	140.00	0.00063
90.00	140.00	0.00058	100.00	140.00	0.00053

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

18:21:03  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00062	-90.00	150.00	0.00072
-80.00	150.00	0.00082	-70.00	150.00	0.00092
-60.00	150.00	0.00101	-50.00	150.00	0.00111
-40.00	150.00	0.00120	-30.00	150.00	0.00128
-25.00	150.00	0.00131	-20.00	150.00	0.00133
-17.00	150.00	0.00134	-15.00	150.00	0.00134
-13.00	150.00	0.00134	-11.00	150.00	0.00134
-9.00	150.00	0.00133	9.00	150.00	0.00119
11.00	150.00	0.00116	13.00	150.00	0.00114
15.00	150.00	0.00112	17.00	150.00	0.00110
20.00	150.00	0.00106	25.00	150.00	0.00101
30.00	150.00	0.00095	40.00	150.00	0.00086
50.00	150.00	0.00077	60.00	150.00	0.00070
70.00	150.00	0.00063	80.00	150.00	0.00058
90.00	150.00	0.00053	100.00	150.00	0.00049
-100.00	160.00	0.00061	-90.00	160.00	0.00069
-80.00	160.00	0.00077	-70.00	160.00	0.00085
-60.00	160.00	0.00093	-50.00	160.00	0.00101
-40.00	160.00	0.00108	-30.00	160.00	0.00114
-25.00	160.00	0.00117	-20.00	160.00	0.00118
-17.00	160.00	0.00119	-15.00	160.00	0.00119

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-13.00	160.00	0.00119	-11.00	160.00	0.00118	
-9.00	160.00	0.00118	9.00	160.00	0.00106	
11.00	160.00	0.00104	13.00	160.00	0.00102	
15.00	160.00	0.00100	17.00	160.00	0.00098	
20.00	160.00	0.00095	25.00	160.00	0.00091	
30.00	160.00	0.00086	40.00	160.00	0.00078	
50.00	160.00	0.00071	60.00	160.00	0.00064	
70.00	160.00	0.00059	80.00	160.00	0.00054	
90.00	160.00	0.00050	100.00	160.00	0.00046	
-100.00	170.00	0.00059	-90.00	170.00	0.00066	
-80.00	170.00	0.00073	-70.00	170.00	0.00079	
-60.00	170.00	0.00086	-50.00	170.00	0.00092	
-40.00	170.00	0.00098	-30.00	170.00	0.00103	
-25.00	170.00	0.00104	-20.00	170.00	0.00106	
-17.00	170.00	0.00106	-15.00	170.00	0.00106	
-13.00	170.00	0.00106	-11.00	170.00	0.00105	
-9.00	170.00	0.00105	9.00	170.00	0.00094	
11.00	170.00	0.00093	13.00	170.00	0.00091	
15.00	170.00	0.00090	17.00	170.00	0.00088	

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

18:21:03  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00086	25.00	170.00	0.00082
30.00	170.00	0.00078	40.00	170.00	0.00071
50.00	170.00	0.00065	60.00	170.00	0.00059
70.00	170.00	0.00054	80.00	170.00	0.00050
90.00	170.00	0.00046	100.00	170.00	0.00043
-100.00	180.00	0.00057	-90.00	180.00	0.00062
-80.00	180.00	0.00068	-70.00	180.00	0.00074
-60.00	180.00	0.00079	-50.00	180.00	0.00084
-40.00	180.00	0.00089	-30.00	180.00	0.00093
-25.00	180.00	0.00094	-20.00	180.00	0.00095
-17.00	180.00	0.00095	-15.00	180.00	0.00095
-13.00	180.00	0.00095	-11.00	180.00	0.00094
-9.00	180.00	0.00094	9.00	180.00	0.00085
11.00	180.00	0.00084	13.00	180.00	0.00082
15.00	180.00	0.00081	17.00	180.00	0.00080

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
20.00	180.00	0.00078	25.00	180.00	0.00075	
30.00	180.00	0.00071	40.00	180.00	0.00065	
50.00	180.00	0.00060	60.00	180.00	0.00055	
70.00	180.00	0.00050	80.00	180.00	0.00047	
90.00	180.00	0.00043	100.00	180.00	0.00040	
-100.00	190.00	0.00054	-90.00	190.00	0.00059	
-80.00	190.00	0.00064	-70.00	190.00	0.00068	
-60.00	190.00	0.00073	-50.00	190.00	0.00077	
-40.00	190.00	0.00081	-30.00	190.00	0.00084	
-25.00	190.00	0.00085	-20.00	190.00	0.00086	
-17.00	190.00	0.00086	-15.00	190.00	0.00085	
-13.00	190.00	0.00085	-11.00	190.00	0.00085	
-9.00	190.00	0.00084	9.00	190.00	0.00077	
11.00	190.00	0.00076	13.00	190.00	0.00075	
15.00	190.00	0.00074	17.00	190.00	0.00073	
20.00	190.00	0.00071	25.00	190.00	0.00068	
30.00	190.00	0.00065	40.00	190.00	0.00060	
50.00	190.00	0.00055	60.00	190.00	0.00051	
70.00	190.00	0.00047	80.00	190.00	0.00043	
90.00	190.00	0.00040	100.00	190.00	0.00038	
-100.00	200.00	0.00051	-90.00	200.00	0.00056	
-80.00	200.00	0.00060	-70.00	200.00	0.00064	
-60.00	200.00	0.00067	-50.00	200.00	0.00071	
-40.00	200.00	0.00074	-30.00	200.00	0.00077	
-25.00	200.00	0.00077	-20.00	200.00	0.00078	

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00078	-15.00	200.00	0.00077
-13.00	200.00	0.00077	-11.00	200.00	0.00077
-9.00	200.00	0.00077	9.00	200.00	0.00070
11.00	200.00	0.00069	13.00	200.00	0.00068
15.00	200.00	0.00067	17.00	200.00	0.00066
20.00	200.00	0.00065	25.00	200.00	0.00062
30.00	200.00	0.00060	40.00	200.00	0.00056
50.00	200.00	0.00051	60.00	200.00	0.00047
70.00	200.00	0.00044	80.00	200.00	0.00041

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
90.00	200.00	0.00038	100.00	200.00	0.00035	
-100.00	210.00	0.00049	-90.00	210.00	0.00052	
-80.00	210.00	0.00056	-70.00	210.00	0.00059	
-60.00	210.00	0.00062	-50.00	210.00	0.00065	
-40.00	210.00	0.00068	-30.00	210.00	0.00070	
-25.00	210.00	0.00071	-20.00	210.00	0.00071	
-17.00	210.00	0.00071	-15.00	210.00	0.00071	
-13.00	210.00	0.00070	-11.00	210.00	0.00070	
-9.00	210.00	0.00070	9.00	210.00	0.00064	
11.00	210.00	0.00063	13.00	210.00	0.00062	
15.00	210.00	0.00062	17.00	210.00	0.00061	
20.00	210.00	0.00059	25.00	210.00	0.00057	
30.00	210.00	0.00055	40.00	210.00	0.00051	
50.00	210.00	0.00048	60.00	210.00	0.00044	
70.00	210.00	0.00041	80.00	210.00	0.00038	
90.00	210.00	0.00036	100.00	210.00	0.00033	
-100.00	220.00	0.00046	-90.00	220.00	0.00049	
-80.00	220.00	0.00052	-70.00	220.00	0.00055	
-60.00	220.00	0.00058	-50.00	220.00	0.00061	
-40.00	220.00	0.00063	-30.00	220.00	0.00064	
-25.00	220.00	0.00065	-20.00	220.00	0.00065	
-17.00	220.00	0.00065	-15.00	220.00	0.00064	
-13.00	220.00	0.00064	-11.00	220.00	0.00064	
-9.00	220.00	0.00064	9.00	220.00	0.00059	
11.00	220.00	0.00058	13.00	220.00	0.00057	
15.00	220.00	0.00057	17.00	220.00	0.00056	
20.00	220.00	0.00055	25.00	220.00	0.00053	
30.00	220.00	0.00051	40.00	220.00	0.00048	
50.00	220.00	0.00044	60.00	220.00	0.00041	
70.00	220.00	0.00038	80.00	220.00	0.00036	
90.00	220.00	0.00034	100.00	220.00	0.00031	

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

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 \*\*MODELOPTS:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00044	-90.00	230.00	0.00047
-80.00	230.00	0.00049	-70.00	230.00	0.00052
-60.00	230.00	0.00054	-50.00	230.00	0.00056

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
-40.00	230.00	0.00058	-30.00	230.00	0.00059
-25.00	230.00	0.00060	-20.00	230.00	0.00060
-17.00	230.00	0.00059	-15.00	230.00	0.00059
-13.00	230.00	0.00059	-11.00	230.00	0.00059
-9.00	230.00	0.00058	9.00	230.00	0.00054
11.00	230.00	0.00053	13.00	230.00	0.00053
15.00	230.00	0.00052	17.00	230.00	0.00052
20.00	230.00	0.00051	25.00	230.00	0.00049
30.00	230.00	0.00047	40.00	230.00	0.00044
50.00	230.00	0.00041	60.00	230.00	0.00039
70.00	230.00	0.00036	80.00	230.00	0.00034
90.00	230.00	0.00032	100.00	230.00	0.00030
-100.00	240.00	0.00042	-90.00	240.00	0.00044
-80.00	240.00	0.00046	-70.00	240.00	0.00048
-60.00	240.00	0.00050	-50.00	240.00	0.00052
-40.00	240.00	0.00054	-30.00	240.00	0.00055
-25.00	240.00	0.00055	-20.00	240.00	0.00055
-17.00	240.00	0.00055	-15.00	240.00	0.00055
-13.00	240.00	0.00054	-11.00	240.00	0.00054
-9.00	240.00	0.00054	9.00	240.00	0.00050
11.00	240.00	0.00049	13.00	240.00	0.00049
15.00	240.00	0.00048	17.00	240.00	0.00048
20.00	240.00	0.00047	25.00	240.00	0.00046
30.00	240.00	0.00044	40.00	240.00	0.00041
50.00	240.00	0.00039	60.00	240.00	0.00036
70.00	240.00	0.00034	80.00	240.00	0.00032
90.00	240.00	0.00030	100.00	240.00	0.00028
-100.00	250.00	0.00039	-90.00	250.00	0.00041
-80.00	250.00	0.00043	-70.00	250.00	0.00045
-60.00	250.00	0.00047	-50.00	250.00	0.00049
-40.00	250.00	0.00050	-30.00	250.00	0.00051
-25.00	250.00	0.00051	-20.00	250.00	0.00051
-17.00	250.00	0.00051	-15.00	250.00	0.00050
-13.00	250.00	0.00050	-11.00	250.00	0.00050
-9.00	250.00	0.00050	9.00	250.00	0.00046
11.00	250.00	0.00046	13.00	250.00	0.00045
15.00	250.00	0.00045	17.00	250.00	0.00044

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

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 82

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00044	25.00	250.00	0.00042
30.00	250.00	0.00041	40.00	250.00	0.00039
50.00	250.00	0.00036	60.00	250.00	0.00034
70.00	250.00	0.00032	80.00	250.00	0.00030
90.00	250.00	0.00028	100.00	250.00	0.00027

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03

\*\*MODELOPTs:

PAGE 83

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00010	-90.00	-250.00	0.00012
-80.00	-250.00	0.00013	-70.00	-250.00	0.00014
-60.00	-250.00	0.00015	-50.00	-250.00	0.00017
-40.00	-250.00	0.00019	-30.00	-250.00	0.00023
-25.00	-250.00	0.00024	-20.00	-250.00	0.00026
-17.00	-250.00	0.00027	-15.00	-250.00	0.00028
-13.00	-250.00	0.00028	-11.00	-250.00	0.00029
-9.00	-250.00	0.00029	9.00	-250.00	0.00031
11.00	-250.00	0.00032	13.00	-250.00	0.00032
15.00	-250.00	0.00032	17.00	-250.00	0.00033
20.00	-250.00	0.00033	25.00	-250.00	0.00034
30.00	-250.00	0.00036	40.00	-250.00	0.00038
50.00	-250.00	0.00040	60.00	-250.00	0.00042
70.00	-250.00	0.00043	80.00	-250.00	0.00043
90.00	-250.00	0.00043	100.00	-250.00	0.00042
-100.00	-240.00	0.00011	-90.00	-240.00	0.00012
-80.00	-240.00	0.00014	-70.00	-240.00	0.00015
-60.00	-240.00	0.00017	-50.00	-240.00	0.00018
-40.00	-240.00	0.00021	-30.00	-240.00	0.00024
-25.00	-240.00	0.00027	-20.00	-240.00	0.00029
-17.00	-240.00	0.00030	-15.00	-240.00	0.00031
-13.00	-240.00	0.00032	-11.00	-240.00	0.00032
-9.00	-240.00	0.00033	9.00	-240.00	0.00035
11.00	-240.00	0.00036	13.00	-240.00	0.00036
15.00	-240.00	0.00036	17.00	-240.00	0.00037
20.00	-240.00	0.00038	25.00	-240.00	0.00039

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
30.00	-240.00	0.00041	40.00	-240.00	0.00044	
50.00	-240.00	0.00046	60.00	-240.00	0.00047	
70.00	-240.00	0.00048	80.00	-240.00	0.00049	
90.00	-240.00	0.00048	100.00	-240.00	0.00047	
-100.00	-230.00	0.00011	-90.00	-230.00	0.00012	
-80.00	-230.00	0.00014	-70.00	-230.00	0.00016	
-60.00	-230.00	0.00018	-50.00	-230.00	0.00020	
-40.00	-230.00	0.00023	-30.00	-230.00	0.00027	
-25.00	-230.00	0.00029	-20.00	-230.00	0.00032	
-17.00	-230.00	0.00033	-15.00	-230.00	0.00034	
-13.00	-230.00	0.00035	-11.00	-230.00	0.00036	
-9.00	-230.00	0.00037	9.00	-230.00	0.00040	
11.00	-230.00	0.00041	13.00	-230.00	0.00041	
15.00	-230.00	0.00042	17.00	-230.00	0.00042	

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

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 84  
 CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00043	25.00	-230.00	0.00045
30.00	-230.00	0.00047	40.00	-230.00	0.00051
50.00	-230.00	0.00053	60.00	-230.00	0.00055
70.00	-230.00	0.00055	80.00	-230.00	0.00055
90.00	-230.00	0.00054	100.00	-230.00	0.00052
-100.00	-220.00	0.00011	-90.00	-220.00	0.00013
-80.00	-220.00	0.00015	-70.00	-220.00	0.00017
-60.00	-220.00	0.00020	-50.00	-220.00	0.00022
-40.00	-220.00	0.00025	-30.00	-220.00	0.00029
-25.00	-220.00	0.00032	-20.00	-220.00	0.00035
-17.00	-220.00	0.00037	-15.00	-220.00	0.00039
-13.00	-220.00	0.00040	-11.00	-220.00	0.00041
-9.00	-220.00	0.00042	9.00	-220.00	0.00046
11.00	-220.00	0.00047	13.00	-220.00	0.00048
15.00	-220.00	0.00048	17.00	-220.00	0.00049
20.00	-220.00	0.00051	25.00	-220.00	0.00053
30.00	-220.00	0.00055	40.00	-220.00	0.00059
50.00	-220.00	0.00062	60.00	-220.00	0.00063
70.00	-220.00	0.00063	80.00	-220.00	0.00062
90.00	-220.00	0.00060	100.00	-220.00	0.00057

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-210.00	0.00012	-90.00	-210.00	0.00013	
-80.00	-210.00	0.00015	-70.00	-210.00	0.00018	
-60.00	-210.00	0.00021	-50.00	-210.00	0.00024	
-40.00	-210.00	0.00027	-30.00	-210.00	0.00032	
-25.00	-210.00	0.00035	-20.00	-210.00	0.00039	
-17.00	-210.00	0.00042	-15.00	-210.00	0.00043	
-13.00	-210.00	0.00045	-11.00	-210.00	0.00046	
-9.00	-210.00	0.00048	9.00	-210.00	0.00054	
11.00	-210.00	0.00055	13.00	-210.00	0.00056	
15.00	-210.00	0.00057	17.00	-210.00	0.00058	
20.00	-210.00	0.00060	25.00	-210.00	0.00063	
30.00	-210.00	0.00065	40.00	-210.00	0.00070	
50.00	-210.00	0.00073	60.00	-210.00	0.00074	
70.00	-210.00	0.00073	80.00	-210.00	0.00070	
90.00	-210.00	0.00066	100.00	-210.00	0.00062	
-100.00	-200.00	0.00012	-90.00	-200.00	0.00014	
-80.00	-200.00	0.00016	-70.00	-200.00	0.00019	
-60.00	-200.00	0.00022	-50.00	-200.00	0.00026	
-40.00	-200.00	0.00030	-30.00	-200.00	0.00035	
-25.00	-200.00	0.00039	-20.00	-200.00	0.00044	

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3      **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	-200.00	0.00047	-15.00	-200.00	0.00049	
-13.00	-200.00	0.00051	-11.00	-200.00	0.00053	
-9.00	-200.00	0.00055	9.00	-200.00	0.00063	
11.00	-200.00	0.00065	13.00	-200.00	0.00066	
15.00	-200.00	0.00067	17.00	-200.00	0.00069	
20.00	-200.00	0.00071	25.00	-200.00	0.00075	
30.00	-200.00	0.00079	40.00	-200.00	0.00084	
50.00	-200.00	0.00086	60.00	-200.00	0.00086	
70.00	-200.00	0.00083	80.00	-200.00	0.00079	
90.00	-200.00	0.00073	100.00	-200.00	0.00068	
-100.00	-190.00	0.00013	-90.00	-190.00	0.00015	
-80.00	-190.00	0.00017	-70.00	-190.00	0.00020	
-60.00	-190.00	0.00023	-50.00	-190.00	0.00028	
-40.00	-190.00	0.00033	-30.00	-190.00	0.00039	



06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-190.00	0.00043	-20.00	-190.00	0.00049
-17.00	-190.00	0.00052	-15.00	-190.00	0.00055
-13.00	-190.00	0.00058	-11.00	-190.00	0.00061
-9.00	-190.00	0.00063	9.00	-190.00	0.00076
11.00	-190.00	0.00077	13.00	-190.00	0.00079
15.00	-190.00	0.00081	17.00	-190.00	0.00084
20.00	-190.00	0.00087	25.00	-190.00	0.00092
30.00	-190.00	0.00096	40.00	-190.00	0.00101
50.00	-190.00	0.00102	60.00	-190.00	0.00100
70.00	-190.00	0.00094	80.00	-190.00	0.00087
90.00	-190.00	0.00080	100.00	-190.00	0.00073
-100.00	-180.00	0.00014	-90.00	-180.00	0.00016
-80.00	-180.00	0.00018	-70.00	-180.00	0.00021
-60.00	-180.00	0.00025	-50.00	-180.00	0.00029
-40.00	-180.00	0.00036	-30.00	-180.00	0.00044
-25.00	-180.00	0.00049	-20.00	-180.00	0.00054
-17.00	-180.00	0.00059	-15.00	-180.00	0.00062
-13.00	-180.00	0.00066	-11.00	-180.00	0.00069
-9.00	-180.00	0.00073	9.00	-180.00	0.00092
11.00	-180.00	0.00095	13.00	-180.00	0.00097
15.00	-180.00	0.00100	17.00	-180.00	0.00103
20.00	-180.00	0.00108	25.00	-180.00	0.00114
30.00	-180.00	0.00119	40.00	-180.00	0.00123
50.00	-180.00	0.00121	60.00	-180.00	0.00115
70.00	-180.00	0.00106	80.00	-180.00	0.00096
90.00	-180.00	0.00086	100.00	-180.00	0.00077

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 86  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00015	-90.00	-170.00	0.00017
-80.00	-170.00	0.00020	-70.00	-170.00	0.00023
-60.00	-170.00	0.00027	-50.00	-170.00	0.00032
-40.00	-170.00	0.00038	-30.00	-170.00	0.00048
-25.00	-170.00	0.00054	-20.00	-170.00	0.00061
-17.00	-170.00	0.00066	-15.00	-170.00	0.00070
-13.00	-170.00	0.00074	-11.00	-170.00	0.00079
-9.00	-170.00	0.00084	9.00	-170.00	0.00114

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-170.00	0.00118	13.00	-170.00	0.00123
15.00	-170.00	0.00127	17.00	-170.00	0.00131
20.00	-170.00	0.00137	25.00	-170.00	0.00145
30.00	-170.00	0.00149	40.00	-170.00	0.00150
50.00	-170.00	0.00142	60.00	-170.00	0.00130
70.00	-170.00	0.00117	80.00	-170.00	0.00104
90.00	-170.00	0.00092	100.00	-170.00	0.00081
-100.00	-160.00	0.00017	-90.00	-160.00	0.00019
-80.00	-160.00	0.00021	-70.00	-160.00	0.00025
-60.00	-160.00	0.00029	-50.00	-160.00	0.00035
-40.00	-160.00	0.00042	-30.00	-160.00	0.00051
-25.00	-160.00	0.00058	-20.00	-160.00	0.00067
-17.00	-160.00	0.00074	-15.00	-160.00	0.00079
-13.00	-160.00	0.00084	-11.00	-160.00	0.00090
-9.00	-160.00	0.00097	9.00	-160.00	0.00146
11.00	-160.00	0.00153	13.00	-160.00	0.00160
15.00	-160.00	0.00166	17.00	-160.00	0.00171
20.00	-160.00	0.00178	25.00	-160.00	0.00185
30.00	-160.00	0.00186	40.00	-160.00	0.00178
50.00	-160.00	0.00162	60.00	-160.00	0.00144
70.00	-160.00	0.00127	80.00	-160.00	0.00111
90.00	-160.00	0.00097	100.00	-160.00	0.00085
-100.00	-150.00	0.00018	-90.00	-150.00	0.00020
-80.00	-150.00	0.00023	-70.00	-150.00	0.00027
-60.00	-150.00	0.00032	-50.00	-150.00	0.00038
-40.00	-150.00	0.00046	-30.00	-150.00	0.00056
-25.00	-150.00	0.00063	-20.00	-150.00	0.00072
-17.00	-150.00	0.00080	-15.00	-150.00	0.00086
-13.00	-150.00	0.00093	-11.00	-150.00	0.00101
-9.00	-150.00	0.00110	9.00	-150.00	0.00198
11.00	-150.00	0.00208	13.00	-150.00	0.00217
15.00	-150.00	0.00224	17.00	-150.00	0.00229

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00232	25.00	-150.00	0.00232
30.00	-150.00	0.00225	40.00	-150.00	0.00204

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-150.00	0.00181	60.00	-150.00	0.00157
70.00	-150.00	0.00136	80.00	-150.00	0.00117
90.00	-150.00	0.00101	100.00	-150.00	0.00088
-100.00	-140.00	0.00020	-90.00	-140.00	0.00022
-80.00	-140.00	0.00025	-70.00	-140.00	0.00029
-60.00	-140.00	0.00035	-50.00	-140.00	0.00042
-40.00	-140.00	0.00051	-30.00	-140.00	0.00062
-25.00	-140.00	0.00070	-20.00	-140.00	0.00080
-17.00	-140.00	0.00088	-15.00	-140.00	0.00094
-13.00	-140.00	0.00102	-11.00	-140.00	0.00111
-9.00	-140.00	0.00122	9.00	-140.00	0.00288
11.00	-140.00	0.00292	13.00	-140.00	0.00293
15.00	-140.00	0.00293	17.00	-140.00	0.00291
20.00	-140.00	0.00286	25.00	-140.00	0.00275
30.00	-140.00	0.00260	40.00	-140.00	0.00229
50.00	-140.00	0.00197	60.00	-140.00	0.00169
70.00	-140.00	0.00143	80.00	-140.00	0.00122
90.00	-140.00	0.00104	100.00	-140.00	0.00090
-100.00	-130.00	0.00022	-90.00	-130.00	0.00024
-80.00	-130.00	0.00028	-70.00	-130.00	0.00032
-60.00	-130.00	0.00038	-50.00	-130.00	0.00046
-40.00	-130.00	0.00056	-30.00	-130.00	0.00070
-25.00	-130.00	0.00078	-20.00	-130.00	0.00090
-17.00	-130.00	0.00099	-15.00	-130.00	0.00107
-13.00	-130.00	0.00116	-11.00	-130.00	0.00129
-9.00	-130.00	0.00148	9.00	-130.00	0.00399
11.00	-130.00	0.00383	13.00	-130.00	0.00371
15.00	-130.00	0.00361	17.00	-130.00	0.00352
20.00	-130.00	0.00339	25.00	-130.00	0.00316
30.00	-130.00	0.00294	40.00	-130.00	0.00252
50.00	-130.00	0.00213	60.00	-130.00	0.00179
70.00	-130.00	0.00150	80.00	-130.00	0.00126
90.00	-130.00	0.00107	100.00	-130.00	0.00092
-100.00	-120.00	0.00023	-90.00	-120.00	0.00026
-80.00	-120.00	0.00030	-70.00	-120.00	0.00035
-60.00	-120.00	0.00041	-50.00	-120.00	0.00049
-40.00	-120.00	0.00061	-30.00	-120.00	0.00079
-25.00	-120.00	0.00092	-20.00	-120.00	0.00112

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

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 \*\*MODELOPTs:  
 PAGE 88  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,  
 Page 131

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	-120.00	0.00131	-15.00	-120.00	0.00149	
-13.00	-120.00	0.00174	-11.00	-120.00	0.00209	
-9.00	-120.00	0.00258	9.00	-120.00	0.00527	
11.00	-120.00	0.00495	13.00	-120.00	0.00469	
15.00	-120.00	0.00447	17.00	-120.00	0.00428	
20.00	-120.00	0.00402	25.00	-120.00	0.00364	
30.00	-120.00	0.00331	40.00	-120.00	0.00275	
50.00	-120.00	0.00228	60.00	-120.00	0.00188	
70.00	-120.00	0.00156	80.00	-120.00	0.00130	
90.00	-120.00	0.00110	100.00	-120.00	0.00093	
-100.00	-110.00	0.00023	-90.00	-110.00	0.00027	
-80.00	-110.00	0.00032	-70.00	-110.00	0.00037	
-60.00	-110.00	0.00045	-50.00	-110.00	0.00055	
-40.00	-110.00	0.00071	-30.00	-110.00	0.00100	
-25.00	-110.00	0.00125	-20.00	-110.00	0.00166	
-17.00	-110.00	0.00203	-15.00	-110.00	0.00236	
-13.00	-110.00	0.00276	-11.00	-110.00	0.00325	
-9.00	-110.00	0.00389	9.00	-110.00	0.00627	
11.00	-110.00	0.00585	13.00	-110.00	0.00551	
15.00	-110.00	0.00522	17.00	-110.00	0.00496	
20.00	-110.00	0.00462	25.00	-110.00	0.00411	
30.00	-110.00	0.00368	40.00	-110.00	0.00296	
50.00	-110.00	0.00240	60.00	-110.00	0.00195	
70.00	-110.00	0.00160	80.00	-110.00	0.00133	
90.00	-110.00	0.00112	100.00	-110.00	0.00095	
-100.00	-100.00	0.00024	-90.00	-100.00	0.00028	
-80.00	-100.00	0.00034	-70.00	-100.00	0.00041	
-60.00	-100.00	0.00051	-50.00	-100.00	0.00065	
-40.00	-100.00	0.00088	-30.00	-100.00	0.00135	
-25.00	-100.00	0.00175	-20.00	-100.00	0.00236	
-17.00	-100.00	0.00284	-15.00	-100.00	0.00324	
-13.00	-100.00	0.00370	-11.00	-100.00	0.00426	
-9.00	-100.00	0.00496	9.00	-100.00	0.00702	
11.00	-100.00	0.00652	13.00	-100.00	0.00612	
15.00	-100.00	0.00577	17.00	-100.00	0.00546	
20.00	-100.00	0.00505	25.00	-100.00	0.00446	
30.00	-100.00	0.00396	40.00	-100.00	0.00312	
50.00	-100.00	0.00248	60.00	-100.00	0.00200	
70.00	-100.00	0.00163	80.00	-100.00	0.00135	
90.00	-100.00	0.00113	100.00	-100.00	0.00096	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 06NCRA SR01-300\_DPM\_TRAV\_ANN\_N-S Bound \*\*\*  
 04/18/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 18:21:03 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 \*\*MODELOPTs:  
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 CONC URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00025	-90.00	-90.00	0.00030
-80.00	-90.00	0.00037	-70.00	-90.00	0.00046
-60.00	-90.00	0.00059	-50.00	-90.00	0.00079
-40.00	-90.00	0.00112	-30.00	-90.00	0.00176
-25.00	-90.00	0.00228	-20.00	-90.00	0.00299
-17.00	-90.00	0.00354	-15.00	-90.00	0.00396
-13.00	-90.00	0.00446	-11.00	-90.00	0.00505
-9.00	-90.00	0.00577	9.00	-90.00	0.00755
11.00	-90.00	0.00699	13.00	-90.00	0.00653
15.00	-90.00	0.00614	17.00	-90.00	0.00578
20.00	-90.00	0.00532	25.00	-90.00	0.00466
30.00	-90.00	0.00410	40.00	-90.00	0.00319
50.00	-90.00	0.00252	60.00	-90.00	0.00202
70.00	-90.00	0.00164	80.00	-90.00	0.00136
90.00	-90.00	0.00114	100.00	-90.00	0.00097
-100.00	-80.00	0.00027	-90.00	-80.00	0.00033
-80.00	-80.00	0.00041	-70.00	-80.00	0.00052
-60.00	-80.00	0.00069	-50.00	-80.00	0.00096
-40.00	-80.00	0.00141	-30.00	-80.00	0.00217
-25.00	-80.00	0.00275	-20.00	-80.00	0.00351
-17.00	-80.00	0.00409	-15.00	-80.00	0.00453
-13.00	-80.00	0.00505	-11.00	-80.00	0.00565
-9.00	-80.00	0.00637	9.00	-80.00	0.00789
11.00	-80.00	0.00727	13.00	-80.00	0.00677
15.00	-80.00	0.00633	17.00	-80.00	0.00594
20.00	-80.00	0.00542	25.00	-80.00	0.00469
30.00	-80.00	0.00409	40.00	-80.00	0.00317
50.00	-80.00	0.00250	60.00	-80.00	0.00201
70.00	-80.00	0.00164	80.00	-80.00	0.00136
90.00	-80.00	0.00114	100.00	-80.00	0.00097
-100.00	-70.00	0.00030	-90.00	-70.00	0.00036
-80.00	-70.00	0.00046	-70.00	-70.00	0.00059
-60.00	-70.00	0.00080	-50.00	-70.00	0.00113
-40.00	-70.00	0.00167	-30.00	-70.00	0.00254

X	Y	CONC	X	Y	CONC
-25.00	-70.00	0.00315	-20.00	-70.00	0.00393
-17.00	-70.00	0.00452	-15.00	-70.00	0.00497
-13.00	-70.00	0.00548	-11.00	-70.00	0.00608
-9.00	-70.00	0.00680	9.00	-70.00	0.00801
11.00	-70.00	0.00733	13.00	-70.00	0.00678
15.00	-70.00	0.00631	17.00	-70.00	0.00588

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00532	25.00	-70.00	0.00456
30.00	-70.00	0.00396	40.00	-70.00	0.00307
50.00	-70.00	0.00245	60.00	-70.00	0.00198
70.00	-70.00	0.00163	80.00	-70.00	0.00135
90.00	-70.00	0.00113	100.00	-70.00	0.00096
-100.00	-60.00	0.00032	-90.00	-60.00	0.00040
-80.00	-60.00	0.00051	-70.00	-60.00	0.00068
-60.00	-60.00	0.00093	-50.00	-60.00	0.00131
-40.00	-60.00	0.00191	-30.00	-60.00	0.00283
-25.00	-60.00	0.00347	-20.00	-60.00	0.00427
-17.00	-60.00	0.00486	-15.00	-60.00	0.00531
-13.00	-60.00	0.00582	-11.00	-60.00	0.00640
-9.00	-60.00	0.00710	9.00	-60.00	0.00784
11.00	-60.00	0.00711	13.00	-60.00	0.00651
15.00	-60.00	0.00601	17.00	-60.00	0.00558
20.00	-60.00	0.00503	25.00	-60.00	0.00431
30.00	-60.00	0.00375	40.00	-60.00	0.00295
50.00	-60.00	0.00237	60.00	-60.00	0.00193
70.00	-60.00	0.00160	80.00	-60.00	0.00133
90.00	-60.00	0.00113	100.00	-60.00	0.00096
-100.00	-50.00	0.00035	-90.00	-50.00	0.00044
-80.00	-50.00	0.00058	-70.00	-50.00	0.00077
-60.00	-50.00	0.00105	-50.00	-50.00	0.00148
-40.00	-50.00	0.00211	-30.00	-50.00	0.00306
-25.00	-50.00	0.00371	-20.00	-50.00	0.00452
-17.00	-50.00	0.00511	-15.00	-50.00	0.00556
-13.00	-50.00	0.00606	-11.00	-50.00	0.00664
-9.00	-50.00	0.00731	9.00	-50.00	0.00723

06NCRA SR01-300_DPM_TRAV_ANN_N-S Bound						
11.00	-50.00	0.00653	13.00	-50.00	0.00598	
15.00	-50.00	0.00554	17.00	-50.00	0.00517	
20.00	-50.00	0.00469	25.00	-50.00	0.00405	
30.00	-50.00	0.00354	40.00	-50.00	0.00280	
50.00	-50.00	0.00227	60.00	-50.00	0.00186	
70.00	-50.00	0.00155	80.00	-50.00	0.00131	
90.00	-50.00	0.00111	100.00	-50.00	0.00095	
-100.00	-40.00	0.00039	-90.00	-40.00	0.00049	
-80.00	-40.00	0.00064	-70.00	-40.00	0.00085	
-60.00	-40.00	0.00117	-50.00	-40.00	0.00161	
-40.00	-40.00	0.00227	-30.00	-40.00	0.00322	
-25.00	-40.00	0.00387	-20.00	-40.00	0.00468	

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00526	-15.00	-40.00	0.00569
-13.00	-40.00	0.00618	-11.00	-40.00	0.00671
-9.00	-40.00	0.00732	9.00	-40.00	0.00627
11.00	-40.00	0.00581	13.00	-40.00	0.00540
15.00	-40.00	0.00503	17.00	-40.00	0.00472
20.00	-40.00	0.00431	25.00	-40.00	0.00374
30.00	-40.00	0.00329	40.00	-40.00	0.00262
50.00	-40.00	0.00214	60.00	-40.00	0.00177
70.00	-40.00	0.00149	80.00	-40.00	0.00126
90.00	-40.00	0.00108	100.00	-40.00	0.00093
-100.00	-30.00	0.00043	-90.00	-30.00	0.00054
-80.00	-30.00	0.00071	-70.00	-30.00	0.00094
-60.00	-30.00	0.00127	-50.00	-30.00	0.00174
-40.00	-30.00	0.00239	-30.00	-30.00	0.00333
-25.00	-30.00	0.00394	-20.00	-30.00	0.00466
-17.00	-30.00	0.00515	-15.00	-30.00	0.00548
-13.00	-30.00	0.00581	-11.00	-30.00	0.00612
-9.00	-30.00	0.00641	9.00	-30.00	0.00510
11.00	-30.00	0.00479	13.00	-30.00	0.00452
15.00	-30.00	0.00428	17.00	-30.00	0.00406
20.00	-30.00	0.00376	25.00	-30.00	0.00333
30.00	-30.00	0.00296	40.00	-30.00	0.00240

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
50.00	-30.00	0.00198	60.00	-30.00	0.00166	
70.00	-30.00	0.00140	80.00	-30.00	0.00120	
90.00	-30.00	0.00103	100.00	-30.00	0.00090	
-100.00	-20.00	0.00047	-90.00	-20.00	0.00060	
-80.00	-20.00	0.00078	-70.00	-20.00	0.00103	
-60.00	-20.00	0.00136	-50.00	-20.00	0.00182	
-40.00	-20.00	0.00244	-30.00	-20.00	0.00328	
-25.00	-20.00	0.00377	-20.00	-20.00	0.00429	
-17.00	-20.00	0.00458	-15.00	-20.00	0.00477	
-13.00	-20.00	0.00494	-11.00	-20.00	0.00509	
-9.00	-20.00	0.00523	9.00	-20.00	0.00418	
11.00	-20.00	0.00396	13.00	-20.00	0.00376	
15.00	-20.00	0.00357	17.00	-20.00	0.00341	
20.00	-20.00	0.00318	25.00	-20.00	0.00286	
30.00	-20.00	0.00259	40.00	-20.00	0.00215	
50.00	-20.00	0.00180	60.00	-20.00	0.00153	
70.00	-20.00	0.00131	80.00	-20.00	0.00113	
90.00	-20.00	0.00098	100.00	-20.00	0.00086	

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

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00052	-90.00	-10.00	0.00066
-80.00	-10.00	0.00084	-70.00	-10.00	0.00109
-60.00	-10.00	0.00141	-50.00	-10.00	0.00184
-40.00	-10.00	0.00240	-30.00	-10.00	0.00305
-25.00	-10.00	0.00339	-20.00	-10.00	0.00371
-17.00	-10.00	0.00389	-15.00	-10.00	0.00399
-13.00	-10.00	0.00409	-11.00	-10.00	0.00418
-9.00	-10.00	0.00424	9.00	-10.00	0.00345
11.00	-10.00	0.00330	13.00	-10.00	0.00315
15.00	-10.00	0.00301	17.00	-10.00	0.00288
20.00	-10.00	0.00271	25.00	-10.00	0.00245
30.00	-10.00	0.00224	40.00	-10.00	0.00189
50.00	-10.00	0.00162	60.00	-10.00	0.00139
70.00	-10.00	0.00121	80.00	-10.00	0.00105
90.00	-10.00	0.00092	100.00	-10.00	0.00081
-100.00	0.00	0.00056	-90.00	0.00	0.00070



06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
-80.00	0.00	0.00088	-70.00	0.00	0.00112
-60.00	0.00	0.00143	-50.00	0.00	0.00181
-40.00	0.00	0.00226	-30.00	0.00	0.00273
-25.00	0.00	0.00296	-20.00	0.00	0.00316
-17.00	0.00	0.00327	-15.00	0.00	0.00334
-13.00	0.00	0.00340	-11.00	0.00	0.00344
-9.00	0.00	0.00347	9.00	0.00	0.00287
11.00	0.00	0.00277	13.00	0.00	0.00266
15.00	0.00	0.00256	17.00	0.00	0.00246
20.00	0.00	0.00232	25.00	0.00	0.00212
30.00	0.00	0.00194	40.00	0.00	0.00166
50.00	0.00	0.00144	60.00	0.00	0.00126
70.00	0.00	0.00111	80.00	0.00	0.00098
90.00	0.00	0.00086	100.00	0.00	0.00077
-100.00	10.00	0.00059	-90.00	10.00	0.00073
-80.00	10.00	0.00091	-70.00	10.00	0.00113
-60.00	10.00	0.00141	-50.00	10.00	0.00173
-40.00	10.00	0.00207	-30.00	10.00	0.00240
-25.00	10.00	0.00255	-20.00	10.00	0.00269
-17.00	10.00	0.00276	-15.00	10.00	0.00280
-13.00	10.00	0.00284	-11.00	10.00	0.00286
-9.00	10.00	0.00287	9.00	10.00	0.00242
11.00	10.00	0.00234	13.00	10.00	0.00226
15.00	10.00	0.00219	17.00	10.00	0.00211

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00201	25.00	10.00	0.00184
30.00	10.00	0.00170	40.00	10.00	0.00146
50.00	10.00	0.00128	60.00	10.00	0.00113
70.00	10.00	0.00100	80.00	10.00	0.00090
90.00	10.00	0.00080	100.00	10.00	0.00072
-100.00	20.00	0.00061	-90.00	20.00	0.00075
-80.00	20.00	0.00092	-70.00	20.00	0.00112
-60.00	20.00	0.00136	-50.00	20.00	0.00161
-40.00	20.00	0.00186	-30.00	20.00	0.00210
-25.00	20.00	0.00221	-20.00	20.00	0.00230

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	20.00	0.00235	-15.00	20.00	0.00238
-13.00	20.00	0.00240	-11.00	20.00	0.00241
-9.00	20.00	0.00241	9.00	20.00	0.00206
11.00	20.00	0.00200	13.00	20.00	0.00194
15.00	20.00	0.00188	17.00	20.00	0.00183
20.00	20.00	0.00174	25.00	20.00	0.00162
30.00	20.00	0.00150	40.00	20.00	0.00130
50.00	20.00	0.00114	60.00	20.00	0.00101
70.00	20.00	0.00091	80.00	20.00	0.00082
90.00	20.00	0.00074	100.00	20.00	0.00067
-100.00	30.00	0.00063	-90.00	30.00	0.00076
-80.00	30.00	0.00091	-70.00	30.00	0.00109
-60.00	30.00	0.00128	-50.00	30.00	0.00148
-40.00	30.00	0.00167	-30.00	30.00	0.00184
-25.00	30.00	0.00192	-20.00	30.00	0.00199
-17.00	30.00	0.00202	-15.00	30.00	0.00203
-13.00	30.00	0.00204	-11.00	30.00	0.00205
-9.00	30.00	0.00205	9.00	30.00	0.00177
11.00	30.00	0.00172	13.00	30.00	0.00168
15.00	30.00	0.00163	17.00	30.00	0.00159
20.00	30.00	0.00153	25.00	30.00	0.00142
30.00	30.00	0.00133	40.00	30.00	0.00116
50.00	30.00	0.00103	60.00	30.00	0.00092
70.00	30.00	0.00083	80.00	30.00	0.00075
90.00	30.00	0.00068	100.00	30.00	0.00062
-100.00	40.00	0.00063	-90.00	40.00	0.00075
-80.00	40.00	0.00089	-70.00	40.00	0.00104
-60.00	40.00	0.00119	-50.00	40.00	0.00134
-40.00	40.00	0.00149	-30.00	40.00	0.00162
-25.00	40.00	0.00168	-20.00	40.00	0.00173

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

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00175	-15.00	40.00	0.00176
-13.00	40.00	0.00176	-11.00	40.00	0.00176
-9.00	40.00	0.00176	9.00	40.00	0.00154
11.00	40.00	0.00150	13.00	40.00	0.00147

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15.00	40.00	0.00143	17.00	40.00	0.00139
20.00	40.00	0.00134	25.00	40.00	0.00126
30.00	40.00	0.00118	40.00	40.00	0.00105
50.00	40.00	0.00093	60.00	40.00	0.00083
70.00	40.00	0.00075	80.00	40.00	0.00068
90.00	40.00	0.00063	100.00	40.00	0.00057
-100.00	50.00	0.00063	-90.00	50.00	0.00074
-80.00	50.00	0.00086	-70.00	50.00	0.00098
-60.00	50.00	0.00110	-50.00	50.00	0.00122
-40.00	50.00	0.00133	-30.00	50.00	0.00143
-25.00	50.00	0.00148	-20.00	50.00	0.00151
-17.00	50.00	0.00152	-15.00	50.00	0.00153
-13.00	50.00	0.00153	-11.00	50.00	0.00153
-9.00	50.00	0.00152	9.00	50.00	0.00135
11.00	50.00	0.00132	13.00	50.00	0.00129
15.00	50.00	0.00126	17.00	50.00	0.00123
20.00	50.00	0.00119	25.00	50.00	0.00112
30.00	50.00	0.00106	40.00	50.00	0.00094
50.00	50.00	0.00084	60.00	50.00	0.00076
70.00	50.00	0.00069	80.00	50.00	0.00063
90.00	50.00	0.00058	100.00	50.00	0.00053
-100.00	60.00	0.00062	-90.00	60.00	0.00072
-80.00	60.00	0.00082	-70.00	60.00	0.00092
-60.00	60.00	0.00101	-50.00	60.00	0.00111
-40.00	60.00	0.00120	-30.00	60.00	0.00128
-25.00	60.00	0.00131	-20.00	60.00	0.00133
-17.00	60.00	0.00134	-15.00	60.00	0.00134
-13.00	60.00	0.00134	-11.00	60.00	0.00134
-9.00	60.00	0.00133	9.00	60.00	0.00119
11.00	60.00	0.00116	13.00	60.00	0.00114
15.00	60.00	0.00112	17.00	60.00	0.00110
20.00	60.00	0.00106	25.00	60.00	0.00101
30.00	60.00	0.00095	40.00	60.00	0.00086
50.00	60.00	0.00077	60.00	60.00	0.00070
70.00	60.00	0.00063	80.00	60.00	0.00058
90.00	60.00	0.00053	100.00	60.00	0.00049

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

18:21:03  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00061	-90.00	70.00	0.00069
-80.00	70.00	0.00077	-70.00	70.00	0.00085
-60.00	70.00	0.00093	-50.00	70.00	0.00101
-40.00	70.00	0.00108	-30.00	70.00	0.00114
-25.00	70.00	0.00117	-20.00	70.00	0.00118
-17.00	70.00	0.00119	-15.00	70.00	0.00119
-13.00	70.00	0.00119	-11.00	70.00	0.00118
-9.00	70.00	0.00118	9.00	70.00	0.00106
11.00	70.00	0.00104	13.00	70.00	0.00102
15.00	70.00	0.00100	17.00	70.00	0.00098
20.00	70.00	0.00095	25.00	70.00	0.00091
30.00	70.00	0.00086	40.00	70.00	0.00078
50.00	70.00	0.00071	60.00	70.00	0.00064
70.00	70.00	0.00059	80.00	70.00	0.00054
90.00	70.00	0.00050	100.00	70.00	0.00046
-100.00	80.00	0.00059	-90.00	80.00	0.00066
-80.00	80.00	0.00073	-70.00	80.00	0.00079
-60.00	80.00	0.00086	-50.00	80.00	0.00092
-40.00	80.00	0.00098	-30.00	80.00	0.00103
-25.00	80.00	0.00104	-20.00	80.00	0.00106
-17.00	80.00	0.00106	-15.00	80.00	0.00106
-13.00	80.00	0.00106	-11.00	80.00	0.00105
-9.00	80.00	0.00105	9.00	80.00	0.00094
11.00	80.00	0.00093	13.00	80.00	0.00091
15.00	80.00	0.00090	17.00	80.00	0.00088
20.00	80.00	0.00086	25.00	80.00	0.00082
30.00	80.00	0.00078	40.00	80.00	0.00071
50.00	80.00	0.00065	60.00	80.00	0.00059
70.00	80.00	0.00054	80.00	80.00	0.00050
90.00	80.00	0.00046	100.00	80.00	0.00043
-100.00	90.00	0.00057	-90.00	90.00	0.00062
-80.00	90.00	0.00068	-70.00	90.00	0.00074
-60.00	90.00	0.00079	-50.00	90.00	0.00084
-40.00	90.00	0.00089	-30.00	90.00	0.00093
-25.00	90.00	0.00094	-20.00	90.00	0.00095
-17.00	90.00	0.00095	-15.00	90.00	0.00095
-13.00	90.00	0.00095	-11.00	90.00	0.00094
-9.00	90.00	0.00094	9.00	90.00	0.00085
11.00	90.00	0.00084	13.00	90.00	0.00082
15.00	90.00	0.00081	17.00	90.00	0.00080

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

18:21:03

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

\*\*\*

\*\*MODELOPTs:  
PAGE 96  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00078	25.00	90.00	0.00075
30.00	90.00	0.00071	40.00	90.00	0.00065
50.00	90.00	0.00060	60.00	90.00	0.00055
70.00	90.00	0.00050	80.00	90.00	0.00047
90.00	90.00	0.00043	100.00	90.00	0.00040
-100.00	100.00	0.00054	-90.00	100.00	0.00059
-80.00	100.00	0.00064	-70.00	100.00	0.00068
-60.00	100.00	0.00073	-50.00	100.00	0.00077
-40.00	100.00	0.00081	-30.00	100.00	0.00084
-25.00	100.00	0.00085	-20.00	100.00	0.00086
-17.00	100.00	0.00086	-15.00	100.00	0.00085
-13.00	100.00	0.00085	-11.00	100.00	0.00085
-9.00	100.00	0.00084	9.00	100.00	0.00077
11.00	100.00	0.00076	13.00	100.00	0.00075
15.00	100.00	0.00074	17.00	100.00	0.00073
20.00	100.00	0.00071	25.00	100.00	0.00068
30.00	100.00	0.00065	40.00	100.00	0.00060
50.00	100.00	0.00055	60.00	100.00	0.00051
70.00	100.00	0.00047	80.00	100.00	0.00043
90.00	100.00	0.00040	100.00	100.00	0.00038
-100.00	110.00	0.00051	-90.00	110.00	0.00056
-80.00	110.00	0.00060	-70.00	110.00	0.00064
-60.00	110.00	0.00067	-50.00	110.00	0.00071
-40.00	110.00	0.00074	-30.00	110.00	0.00077
-25.00	110.00	0.00077	-20.00	110.00	0.00078
-17.00	110.00	0.00078	-15.00	110.00	0.00077
-13.00	110.00	0.00077	-11.00	110.00	0.00077
-9.00	110.00	0.00077	9.00	110.00	0.00070
11.00	110.00	0.00069	13.00	110.00	0.00068
15.00	110.00	0.00067	17.00	110.00	0.00066
20.00	110.00	0.00065	25.00	110.00	0.00062
30.00	110.00	0.00060	40.00	110.00	0.00056
50.00	110.00	0.00051	60.00	110.00	0.00047
70.00	110.00	0.00044	80.00	110.00	0.00041
90.00	110.00	0.00038	100.00	110.00	0.00035
-100.00	120.00	0.00049	-90.00	120.00	0.00052

X-Coord (m)	Y-Coord (m)	Concentration	X-Coord (m)	Y-Coord (m)	Concentration
-80.00	120.00	0.00056	-70.00	120.00	0.00059
-60.00	120.00	0.00062	-50.00	120.00	0.00065
-40.00	120.00	0.00068	-30.00	120.00	0.00070
-25.00	120.00	0.00071	-20.00	120.00	0.00071

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00071	-15.00	120.00	0.00071
-13.00	120.00	0.00070	-11.00	120.00	0.00070
-9.00	120.00	0.00070	9.00	120.00	0.00064
11.00	120.00	0.00063	13.00	120.00	0.00062
15.00	120.00	0.00062	17.00	120.00	0.00061
20.00	120.00	0.00059	25.00	120.00	0.00057
30.00	120.00	0.00055	40.00	120.00	0.00051
50.00	120.00	0.00048	60.00	120.00	0.00044
70.00	120.00	0.00041	80.00	120.00	0.00038
90.00	120.00	0.00036	100.00	120.00	0.00033
-100.00	130.00	0.00046	-90.00	130.00	0.00049
-80.00	130.00	0.00052	-70.00	130.00	0.00055
-60.00	130.00	0.00058	-50.00	130.00	0.00061
-40.00	130.00	0.00063	-30.00	130.00	0.00064
-25.00	130.00	0.00065	-20.00	130.00	0.00065
-17.00	130.00	0.00065	-15.00	130.00	0.00064
-13.00	130.00	0.00064	-11.00	130.00	0.00064
-9.00	130.00	0.00064	9.00	130.00	0.00059
11.00	130.00	0.00058	13.00	130.00	0.00057
15.00	130.00	0.00057	17.00	130.00	0.00056
20.00	130.00	0.00055	25.00	130.00	0.00053
30.00	130.00	0.00051	40.00	130.00	0.00048
50.00	130.00	0.00044	60.00	130.00	0.00041
70.00	130.00	0.00038	80.00	130.00	0.00036
90.00	130.00	0.00034	100.00	130.00	0.00031
-100.00	140.00	0.00044	-90.00	140.00	0.00047
-80.00	140.00	0.00049	-70.00	140.00	0.00052
-60.00	140.00	0.00054	-50.00	140.00	0.00056
-40.00	140.00	0.00058	-30.00	140.00	0.00059
-25.00	140.00	0.00060	-20.00	140.00	0.00060

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-17.00	140.00	0.00059	-15.00	140.00	0.00059	
-13.00	140.00	0.00059	-11.00	140.00	0.00059	
-9.00	140.00	0.00058	9.00	140.00	0.00054	
11.00	140.00	0.00053	13.00	140.00	0.00053	
15.00	140.00	0.00052	17.00	140.00	0.00052	
20.00	140.00	0.00051	25.00	140.00	0.00049	
30.00	140.00	0.00047	40.00	140.00	0.00044	
50.00	140.00	0.00041	60.00	140.00	0.00039	
70.00	140.00	0.00036	80.00	140.00	0.00034	
90.00	140.00	0.00032	100.00	140.00	0.00030	

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

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

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\*\*MODELOPTs:  
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CONC                                    URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00042	-90.00	150.00	0.00044
-80.00	150.00	0.00046	-70.00	150.00	0.00048
-60.00	150.00	0.00050	-50.00	150.00	0.00052
-40.00	150.00	0.00054	-30.00	150.00	0.00055
-25.00	150.00	0.00055	-20.00	150.00	0.00055
-17.00	150.00	0.00055	-15.00	150.00	0.00055
-13.00	150.00	0.00054	-11.00	150.00	0.00054
-9.00	150.00	0.00054	9.00	150.00	0.00050
11.00	150.00	0.00049	13.00	150.00	0.00049
15.00	150.00	0.00048	17.00	150.00	0.00048
20.00	150.00	0.00047	25.00	150.00	0.00046
30.00	150.00	0.00044	40.00	150.00	0.00041
50.00	150.00	0.00039	60.00	150.00	0.00036
70.00	150.00	0.00034	80.00	150.00	0.00032
90.00	150.00	0.00030	100.00	150.00	0.00028
-100.00	160.00	0.00039	-90.00	160.00	0.00041
-80.00	160.00	0.00043	-70.00	160.00	0.00045
-60.00	160.00	0.00047	-50.00	160.00	0.00049
-40.00	160.00	0.00050	-30.00	160.00	0.00051
-25.00	160.00	0.00051	-20.00	160.00	0.00051
-17.00	160.00	0.00051	-15.00	160.00	0.00050
-13.00	160.00	0.00050	-11.00	160.00	0.00050
-9.00	160.00	0.00050	9.00	160.00	0.00046
11.00	160.00	0.00046	13.00	160.00	0.00045

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
15.00	160.00	0.00045	17.00	160.00	0.00044	
20.00	160.00	0.00044	25.00	160.00	0.00042	
30.00	160.00	0.00041	40.00	160.00	0.00039	
50.00	160.00	0.00036	60.00	160.00	0.00034	
70.00	160.00	0.00032	80.00	160.00	0.00030	
90.00	160.00	0.00028	100.00	160.00	0.00027	
-100.00	170.00	0.00037	-90.00	170.00	0.00039	
-80.00	170.00	0.00041	-70.00	170.00	0.00042	
-60.00	170.00	0.00044	-50.00	170.00	0.00045	
-40.00	170.00	0.00047	-30.00	170.00	0.00047	
-25.00	170.00	0.00047	-20.00	170.00	0.00047	
-17.00	170.00	0.00047	-15.00	170.00	0.00047	
-13.00	170.00	0.00047	-11.00	170.00	0.00046	
-9.00	170.00	0.00046	9.00	170.00	0.00043	
11.00	170.00	0.00043	13.00	170.00	0.00042	
15.00	170.00	0.00042	17.00	170.00	0.00041	

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

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

18:21:03

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00041	25.00	170.00	0.00040
30.00	170.00	0.00038	40.00	170.00	0.00036
50.00	170.00	0.00034	60.00	170.00	0.00032
70.00	170.00	0.00030	80.00	170.00	0.00029
90.00	170.00	0.00027	100.00	170.00	0.00025
-100.00	180.00	0.00035	-90.00	180.00	0.00037
-80.00	180.00	0.00038	-70.00	180.00	0.00040
-60.00	180.00	0.00041	-50.00	180.00	0.00043
-40.00	180.00	0.00044	-30.00	180.00	0.00044
-25.00	180.00	0.00044	-20.00	180.00	0.00044
-17.00	180.00	0.00044	-15.00	180.00	0.00044
-13.00	180.00	0.00043	-11.00	180.00	0.00043
-9.00	180.00	0.00043	9.00	180.00	0.00040
11.00	180.00	0.00040	13.00	180.00	0.00039
15.00	180.00	0.00039	17.00	180.00	0.00039
20.00	180.00	0.00038	25.00	180.00	0.00037
30.00	180.00	0.00036	40.00	180.00	0.00034
50.00	180.00	0.00032	60.00	180.00	0.00030



06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
70.00	180.00	0.00029	80.00	180.00	0.00027	
90.00	180.00	0.00026	100.00	180.00	0.00024	
-100.00	190.00	0.00034	-90.00	190.00	0.00035	
-80.00	190.00	0.00036	-70.00	190.00	0.00038	
-60.00	190.00	0.00039	-50.00	190.00	0.00040	
-40.00	190.00	0.00041	-30.00	190.00	0.00041	
-25.00	190.00	0.00041	-20.00	190.00	0.00041	
-17.00	190.00	0.00041	-15.00	190.00	0.00041	
-13.00	190.00	0.00040	-11.00	190.00	0.00040	
-9.00	190.00	0.00040	9.00	190.00	0.00038	
11.00	190.00	0.00037	13.00	190.00	0.00037	
15.00	190.00	0.00037	17.00	190.00	0.00036	
20.00	190.00	0.00036	25.00	190.00	0.00035	
30.00	190.00	0.00034	40.00	190.00	0.00032	
50.00	190.00	0.00030	60.00	190.00	0.00029	
70.00	190.00	0.00027	80.00	190.00	0.00026	
90.00	190.00	0.00024	100.00	190.00	0.00023	
-100.00	200.00	0.00032	-90.00	200.00	0.00033	
-80.00	200.00	0.00034	-70.00	200.00	0.00036	
-60.00	200.00	0.00037	-50.00	200.00	0.00038	
-40.00	200.00	0.00038	-30.00	200.00	0.00038	
-25.00	200.00	0.00038	-20.00	200.00	0.00038	

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00038	-15.00	200.00	0.00038
-13.00	200.00	0.00038	-11.00	200.00	0.00038
-9.00	200.00	0.00037	9.00	200.00	0.00035
11.00	200.00	0.00035	13.00	200.00	0.00035
15.00	200.00	0.00034	17.00	200.00	0.00034
20.00	200.00	0.00033	25.00	200.00	0.00033
30.00	200.00	0.00032	40.00	200.00	0.00030
50.00	200.00	0.00029	60.00	200.00	0.00027
70.00	200.00	0.00026	80.00	200.00	0.00024
90.00	200.00	0.00023	100.00	200.00	0.00022
-100.00	210.00	0.00030	-90.00	210.00	0.00031
-80.00	210.00	0.00033	-70.00	210.00	0.00034

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-60.00	210.00	0.00035	-50.00	210.00	0.00035	
-40.00	210.00	0.00036	-30.00	210.00	0.00036	
-25.00	210.00	0.00036	-20.00	210.00	0.00036	
-17.00	210.00	0.00036	-15.00	210.00	0.00036	
-13.00	210.00	0.00035	-11.00	210.00	0.00035	
-9.00	210.00	0.00035	9.00	210.00	0.00033	
11.00	210.00	0.00033	13.00	210.00	0.00033	
15.00	210.00	0.00032	17.00	210.00	0.00032	
20.00	210.00	0.00032	25.00	210.00	0.00031	
30.00	210.00	0.00030	40.00	210.00	0.00029	
50.00	210.00	0.00027	60.00	210.00	0.00026	
70.00	210.00	0.00025	80.00	210.00	0.00023	
90.00	210.00	0.00022	100.00	210.00	0.00021	
-100.00	220.00	0.00029	-90.00	220.00	0.00030	
-80.00	220.00	0.00031	-70.00	220.00	0.00032	
-60.00	220.00	0.00033	-50.00	220.00	0.00033	
-40.00	220.00	0.00034	-30.00	220.00	0.00034	
-25.00	220.00	0.00034	-20.00	220.00	0.00034	
-17.00	220.00	0.00034	-15.00	220.00	0.00033	
-13.00	220.00	0.00033	-11.00	220.00	0.00033	
-9.00	220.00	0.00033	9.00	220.00	0.00031	
11.00	220.00	0.00031	13.00	220.00	0.00031	
15.00	220.00	0.00030	17.00	220.00	0.00030	
20.00	220.00	0.00030	25.00	220.00	0.00029	
30.00	220.00	0.00028	40.00	220.00	0.00027	
50.00	220.00	0.00026	60.00	220.00	0.00025	
70.00	220.00	0.00023	80.00	220.00	0.00022	
90.00	220.00	0.00021	100.00	220.00	0.00020	

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00028	-90.00	230.00	0.00028
-80.00	230.00	0.00029	-70.00	230.00	0.00030
-60.00	230.00	0.00031	-50.00	230.00	0.00032
-40.00	230.00	0.00032	-30.00	230.00	0.00032
-25.00	230.00	0.00032	-20.00	230.00	0.00032
-17.00	230.00	0.00032	-15.00	230.00	0.00031

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-13.00	230.00	0.00031	-11.00	230.00	0.00031	
-9.00	230.00	0.00031	9.00	230.00	0.00029	
11.00	230.00	0.00029	13.00	230.00	0.00029	
15.00	230.00	0.00029	17.00	230.00	0.00028	
20.00	230.00	0.00028	25.00	230.00	0.00027	
30.00	230.00	0.00027	40.00	230.00	0.00026	
50.00	230.00	0.00024	60.00	230.00	0.00023	
70.00	230.00	0.00022	80.00	230.00	0.00021	
90.00	230.00	0.00020	100.00	230.00	0.00019	
-100.00	240.00	0.00026	-90.00	240.00	0.00027	
-80.00	240.00	0.00028	-70.00	240.00	0.00029	
-60.00	240.00	0.00029	-50.00	240.00	0.00030	
-40.00	240.00	0.00030	-30.00	240.00	0.00030	
-25.00	240.00	0.00030	-20.00	240.00	0.00030	
-17.00	240.00	0.00030	-15.00	240.00	0.00030	
-13.00	240.00	0.00030	-11.00	240.00	0.00029	
-9.00	240.00	0.00029	9.00	240.00	0.00028	
11.00	240.00	0.00028	13.00	240.00	0.00027	
15.00	240.00	0.00027	17.00	240.00	0.00027	
20.00	240.00	0.00027	25.00	240.00	0.00026	
30.00	240.00	0.00025	40.00	240.00	0.00024	
50.00	240.00	0.00023	60.00	240.00	0.00022	
70.00	240.00	0.00021	80.00	240.00	0.00020	
90.00	240.00	0.00019	100.00	240.00	0.00018	
-100.00	250.00	0.00025	-90.00	250.00	0.00026	
-80.00	250.00	0.00027	-70.00	250.00	0.00027	
-60.00	250.00	0.00028	-50.00	250.00	0.00028	
-40.00	250.00	0.00028	-30.00	250.00	0.00029	
-25.00	250.00	0.00028	-20.00	250.00	0.00028	
-17.00	250.00	0.00028	-15.00	250.00	0.00028	
-13.00	250.00	0.00028	-11.00	250.00	0.00028	
-9.00	250.00	0.00028	9.00	250.00	0.00026	
11.00	250.00	0.00026	13.00	250.00	0.00026	
15.00	250.00	0.00026	17.00	250.00	0.00025	

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

		06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound			
20.00	250.00	0.00025	25.00	250.00	0.00025
30.00	250.00	0.00024	40.00	250.00	0.00023
50.00	250.00	0.00022	60.00	250.00	0.00021
70.00	250.00	0.00020	80.00	250.00	0.00019
90.00	250.00	0.00018	100.00	250.00	0.00018

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00017	-90.00	-250.00	0.00019
-80.00	-250.00	0.00021	-70.00	-250.00	0.00025
-60.00	-250.00	0.00029	-50.00	-250.00	0.00035
-40.00	-250.00	0.00042	-30.00	-250.00	0.00051
-25.00	-250.00	0.00058	-20.00	-250.00	0.00067
-17.00	-250.00	0.00074	-15.00	-250.00	0.00079
-13.00	-250.00	0.00084	-11.00	-250.00	0.00090
-9.00	-250.00	0.00097	9.00	-250.00	0.00146
11.00	-250.00	0.00153	13.00	-250.00	0.00160
15.00	-250.00	0.00166	17.00	-250.00	0.00171
20.00	-250.00	0.00178	25.00	-250.00	0.00185
30.00	-250.00	0.00186	40.00	-250.00	0.00178
50.00	-250.00	0.00162	60.00	-250.00	0.00144
70.00	-250.00	0.00127	80.00	-250.00	0.00111
90.00	-250.00	0.00097	100.00	-250.00	0.00085
-100.00	-240.00	0.00018	-90.00	-240.00	0.00020
-80.00	-240.00	0.00023	-70.00	-240.00	0.00027
-60.00	-240.00	0.00032	-50.00	-240.00	0.00038
-40.00	-240.00	0.00046	-30.00	-240.00	0.00056
-25.00	-240.00	0.00063	-20.00	-240.00	0.00072
-17.00	-240.00	0.00080	-15.00	-240.00	0.00086
-13.00	-240.00	0.00093	-11.00	-240.00	0.00101
-9.00	-240.00	0.00110	9.00	-240.00	0.00198
11.00	-240.00	0.00208	13.00	-240.00	0.00217
15.00	-240.00	0.00224	17.00	-240.00	0.00229
20.00	-240.00	0.00232	25.00	-240.00	0.00232
30.00	-240.00	0.00225	40.00	-240.00	0.00204
50.00	-240.00	0.00181	60.00	-240.00	0.00157
70.00	-240.00	0.00136	80.00	-240.00	0.00117

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
90.00	-240.00	0.00101	100.00	-240.00	0.00088	
-100.00	-230.00	0.00020	-90.00	-230.00	0.00022	
-80.00	-230.00	0.00025	-70.00	-230.00	0.00029	
-60.00	-230.00	0.00035	-50.00	-230.00	0.00042	
-40.00	-230.00	0.00051	-30.00	-230.00	0.00062	
-25.00	-230.00	0.00070	-20.00	-230.00	0.00080	
-17.00	-230.00	0.00088	-15.00	-230.00	0.00094	
-13.00	-230.00	0.00102	-11.00	-230.00	0.00111	
-9.00	-230.00	0.00122	9.00	-230.00	0.00288	
11.00	-230.00	0.00292	13.00	-230.00	0.00293	
15.00	-230.00	0.00293	17.00	-230.00	0.00291	

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00286	25.00	-230.00	0.00275
30.00	-230.00	0.00260	40.00	-230.00	0.00229
50.00	-230.00	0.00197	60.00	-230.00	0.00169
70.00	-230.00	0.00143	80.00	-230.00	0.00122
90.00	-230.00	0.00104	100.00	-230.00	0.00090
-100.00	-220.00	0.00022	-90.00	-220.00	0.00024
-80.00	-220.00	0.00028	-70.00	-220.00	0.00032
-60.00	-220.00	0.00038	-50.00	-220.00	0.00046
-40.00	-220.00	0.00056	-30.00	-220.00	0.00070
-25.00	-220.00	0.00078	-20.00	-220.00	0.00090
-17.00	-220.00	0.00099	-15.00	-220.00	0.00107
-13.00	-220.00	0.00116	-11.00	-220.00	0.00129
-9.00	-220.00	0.00148	9.00	-220.00	0.00399
11.00	-220.00	0.00383	13.00	-220.00	0.00371
15.00	-220.00	0.00361	17.00	-220.00	0.00352
20.00	-220.00	0.00339	25.00	-220.00	0.00316
30.00	-220.00	0.00294	40.00	-220.00	0.00252
50.00	-220.00	0.00213	60.00	-220.00	0.00179
70.00	-220.00	0.00150	80.00	-220.00	0.00126
90.00	-220.00	0.00107	100.00	-220.00	0.00092
-100.00	-210.00	0.00023	-90.00	-210.00	0.00026
-80.00	-210.00	0.00030	-70.00	-210.00	0.00035
-60.00	-210.00	0.00041	-50.00	-210.00	0.00049

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-40.00	-210.00	0.00061	-30.00	-210.00	0.00079	
-25.00	-210.00	0.00092	-20.00	-210.00	0.00112	
-17.00	-210.00	0.00131	-15.00	-210.00	0.00149	
-13.00	-210.00	0.00174	-11.00	-210.00	0.00209	
-9.00	-210.00	0.00258	9.00	-210.00	0.00527	
11.00	-210.00	0.00495	13.00	-210.00	0.00469	
15.00	-210.00	0.00447	17.00	-210.00	0.00428	
20.00	-210.00	0.00402	25.00	-210.00	0.00364	
30.00	-210.00	0.00331	40.00	-210.00	0.00275	
50.00	-210.00	0.00228	60.00	-210.00	0.00188	
70.00	-210.00	0.00156	80.00	-210.00	0.00130	
90.00	-210.00	0.00110	100.00	-210.00	0.00093	
-100.00	-200.00	0.00023	-90.00	-200.00	0.00027	
-80.00	-200.00	0.00032	-70.00	-200.00	0.00037	
-60.00	-200.00	0.00045	-50.00	-200.00	0.00055	
-40.00	-200.00	0.00071	-30.00	-200.00	0.00100	
-25.00	-200.00	0.00125	-20.00	-200.00	0.00166	

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 105  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00203	-15.00	-200.00	0.00236
-13.00	-200.00	0.00276	-11.00	-200.00	0.00325
-9.00	-200.00	0.00389	9.00	-200.00	0.00627
11.00	-200.00	0.00585	13.00	-200.00	0.00551
15.00	-200.00	0.00522	17.00	-200.00	0.00496
20.00	-200.00	0.00462	25.00	-200.00	0.00411
30.00	-200.00	0.00368	40.00	-200.00	0.00296
50.00	-200.00	0.00240	60.00	-200.00	0.00195
70.00	-200.00	0.00160	80.00	-200.00	0.00133
90.00	-200.00	0.00112	100.00	-200.00	0.00095
-100.00	-190.00	0.00024	-90.00	-190.00	0.00028
-80.00	-190.00	0.00034	-70.00	-190.00	0.00041
-60.00	-190.00	0.00051	-50.00	-190.00	0.00065
-40.00	-190.00	0.00088	-30.00	-190.00	0.00135
-25.00	-190.00	0.00175	-20.00	-190.00	0.00236
-17.00	-190.00	0.00284	-15.00	-190.00	0.00324
-13.00	-190.00	0.00370	-11.00	-190.00	0.00426

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-9.00	-190.00	0.00496	9.00	-190.00	0.00702	
11.00	-190.00	0.00652	13.00	-190.00	0.00612	
15.00	-190.00	0.00577	17.00	-190.00	0.00546	
20.00	-190.00	0.00505	25.00	-190.00	0.00446	
30.00	-190.00	0.00396	40.00	-190.00	0.00312	
50.00	-190.00	0.00248	60.00	-190.00	0.00200	
70.00	-190.00	0.00163	80.00	-190.00	0.00135	
90.00	-190.00	0.00113	100.00	-190.00	0.00096	
-100.00	-180.00	0.00025	-90.00	-180.00	0.00030	
-80.00	-180.00	0.00037	-70.00	-180.00	0.00046	
-60.00	-180.00	0.00059	-50.00	-180.00	0.00079	
-40.00	-180.00	0.00112	-30.00	-180.00	0.00176	
-25.00	-180.00	0.00228	-20.00	-180.00	0.00299	
-17.00	-180.00	0.00354	-15.00	-180.00	0.00396	
-13.00	-180.00	0.00446	-11.00	-180.00	0.00505	
-9.00	-180.00	0.00577	9.00	-180.00	0.00755	
11.00	-180.00	0.00699	13.00	-180.00	0.00653	
15.00	-180.00	0.00614	17.00	-180.00	0.00578	
20.00	-180.00	0.00532	25.00	-180.00	0.00466	
30.00	-180.00	0.00410	40.00	-180.00	0.00319	
50.00	-180.00	0.00252	60.00	-180.00	0.00202	
70.00	-180.00	0.00164	80.00	-180.00	0.00136	
90.00	-180.00	0.00114	100.00	-180.00	0.00097	

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 106  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00027	-90.00	-170.00	0.00033
-80.00	-170.00	0.00041	-70.00	-170.00	0.00052
-60.00	-170.00	0.00069	-50.00	-170.00	0.00096
-40.00	-170.00	0.00141	-30.00	-170.00	0.00217
-25.00	-170.00	0.00275	-20.00	-170.00	0.00351
-17.00	-170.00	0.00409	-15.00	-170.00	0.00453
-13.00	-170.00	0.00505	-11.00	-170.00	0.00565
-9.00	-170.00	0.00637	9.00	-170.00	0.00789
11.00	-170.00	0.00727	13.00	-170.00	0.00677
15.00	-170.00	0.00633	17.00	-170.00	0.00594
20.00	-170.00	0.00542	25.00	-170.00	0.00469

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
30.00	-170.00	0.00409	40.00	-170.00	0.00317	
50.00	-170.00	0.00250	60.00	-170.00	0.00201	
70.00	-170.00	0.00164	80.00	-170.00	0.00136	
90.00	-170.00	0.00114	100.00	-170.00	0.00097	
-100.00	-160.00	0.00030	-90.00	-160.00	0.00036	
-80.00	-160.00	0.00046	-70.00	-160.00	0.00059	
-60.00	-160.00	0.00080	-50.00	-160.00	0.00113	
-40.00	-160.00	0.00167	-30.00	-160.00	0.00254	
-25.00	-160.00	0.00315	-20.00	-160.00	0.00393	
-17.00	-160.00	0.00452	-15.00	-160.00	0.00497	
-13.00	-160.00	0.00548	-11.00	-160.00	0.00608	
-9.00	-160.00	0.00680	9.00	-160.00	0.00801	
11.00	-160.00	0.00733	13.00	-160.00	0.00678	
15.00	-160.00	0.00631	17.00	-160.00	0.00588	
20.00	-160.00	0.00532	25.00	-160.00	0.00456	
30.00	-160.00	0.00396	40.00	-160.00	0.00307	
50.00	-160.00	0.00245	60.00	-160.00	0.00198	
70.00	-160.00	0.00163	80.00	-160.00	0.00135	
90.00	-160.00	0.00113	100.00	-160.00	0.00096	
-100.00	-150.00	0.00032	-90.00	-150.00	0.00040	
-80.00	-150.00	0.00051	-70.00	-150.00	0.00068	
-60.00	-150.00	0.00093	-50.00	-150.00	0.00131	
-40.00	-150.00	0.00191	-30.00	-150.00	0.00283	
-25.00	-150.00	0.00347	-20.00	-150.00	0.00427	
-17.00	-150.00	0.00486	-15.00	-150.00	0.00531	
-13.00	-150.00	0.00582	-11.00	-150.00	0.00640	
-9.00	-150.00	0.00710	9.00	-150.00	0.00784	
11.00	-150.00	0.00711	13.00	-150.00	0.00651	
15.00	-150.00	0.00601	17.00	-150.00	0.00558	

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

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00503	25.00	-150.00	0.00431
30.00	-150.00	0.00375	40.00	-150.00	0.00295
50.00	-150.00	0.00237	60.00	-150.00	0.00193
70.00	-150.00	0.00160	80.00	-150.00	0.00133
90.00	-150.00	0.00113	100.00	-150.00	0.00096



06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-140.00	0.00035	-90.00	-140.00	0.00044	
-80.00	-140.00	0.00058	-70.00	-140.00	0.00077	
-60.00	-140.00	0.00105	-50.00	-140.00	0.00148	
-40.00	-140.00	0.00211	-30.00	-140.00	0.00306	
-25.00	-140.00	0.00371	-20.00	-140.00	0.00452	
-17.00	-140.00	0.00511	-15.00	-140.00	0.00556	
-13.00	-140.00	0.00606	-11.00	-140.00	0.00664	
-9.00	-140.00	0.00731	9.00	-140.00	0.00723	
11.00	-140.00	0.00653	13.00	-140.00	0.00598	
15.00	-140.00	0.00554	17.00	-140.00	0.00517	
20.00	-140.00	0.00469	25.00	-140.00	0.00405	
30.00	-140.00	0.00354	40.00	-140.00	0.00280	
50.00	-140.00	0.00227	60.00	-140.00	0.00186	
70.00	-140.00	0.00155	80.00	-140.00	0.00131	
90.00	-140.00	0.00111	100.00	-140.00	0.00095	
-100.00	-130.00	0.00039	-90.00	-130.00	0.00049	
-80.00	-130.00	0.00064	-70.00	-130.00	0.00085	
-60.00	-130.00	0.00117	-50.00	-130.00	0.00161	
-40.00	-130.00	0.00227	-30.00	-130.00	0.00322	
-25.00	-130.00	0.00387	-20.00	-130.00	0.00468	
-17.00	-130.00	0.00526	-15.00	-130.00	0.00569	
-13.00	-130.00	0.00618	-11.00	-130.00	0.00671	
-9.00	-130.00	0.00732	9.00	-130.00	0.00627	
11.00	-130.00	0.00581	13.00	-130.00	0.00540	
15.00	-130.00	0.00503	17.00	-130.00	0.00472	
20.00	-130.00	0.00431	25.00	-130.00	0.00374	
30.00	-130.00	0.00329	40.00	-130.00	0.00262	
50.00	-130.00	0.00214	60.00	-130.00	0.00177	
70.00	-130.00	0.00149	80.00	-130.00	0.00126	
90.00	-130.00	0.00108	100.00	-130.00	0.00093	
-100.00	-120.00	0.00043	-90.00	-120.00	0.00054	
-80.00	-120.00	0.00071	-70.00	-120.00	0.00094	
-60.00	-120.00	0.00127	-50.00	-120.00	0.00174	
-40.00	-120.00	0.00239	-30.00	-120.00	0.00333	
-25.00	-120.00	0.00394	-20.00	-120.00	0.00466	

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

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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

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-120.00	0.00515	-15.00	-120.00	0.00548
-13.00	-120.00	0.00581	-11.00	-120.00	0.00612
-9.00	-120.00	0.00641	9.00	-120.00	0.00510
11.00	-120.00	0.00479	13.00	-120.00	0.00452
15.00	-120.00	0.00428	17.00	-120.00	0.00406
20.00	-120.00	0.00376	25.00	-120.00	0.00333
30.00	-120.00	0.00296	40.00	-120.00	0.00240
50.00	-120.00	0.00198	60.00	-120.00	0.00166
70.00	-120.00	0.00140	80.00	-120.00	0.00120
90.00	-120.00	0.00103	100.00	-120.00	0.00090
-100.00	-110.00	0.00047	-90.00	-110.00	0.00060
-80.00	-110.00	0.00078	-70.00	-110.00	0.00103
-60.00	-110.00	0.00136	-50.00	-110.00	0.00182
-40.00	-110.00	0.00244	-30.00	-110.00	0.00328
-25.00	-110.00	0.00377	-20.00	-110.00	0.00429
-17.00	-110.00	0.00458	-15.00	-110.00	0.00477
-13.00	-110.00	0.00494	-11.00	-110.00	0.00509
-9.00	-110.00	0.00523	9.00	-110.00	0.00418
11.00	-110.00	0.00396	13.00	-110.00	0.00376
15.00	-110.00	0.00357	17.00	-110.00	0.00341
20.00	-110.00	0.00318	25.00	-110.00	0.00286
30.00	-110.00	0.00259	40.00	-110.00	0.00215
50.00	-110.00	0.00180	60.00	-110.00	0.00153
70.00	-110.00	0.00131	80.00	-110.00	0.00113
90.00	-110.00	0.00098	100.00	-110.00	0.00086
-100.00	-100.00	0.00052	-90.00	-100.00	0.00066
-80.00	-100.00	0.00084	-70.00	-100.00	0.00109
-60.00	-100.00	0.00141	-50.00	-100.00	0.00184
-40.00	-100.00	0.00240	-30.00	-100.00	0.00305
-25.00	-100.00	0.00339	-20.00	-100.00	0.00371
-17.00	-100.00	0.00389	-15.00	-100.00	0.00399
-13.00	-100.00	0.00409	-11.00	-100.00	0.00418
-9.00	-100.00	0.00424	9.00	-100.00	0.00345
11.00	-100.00	0.00330	13.00	-100.00	0.00315
15.00	-100.00	0.00301	17.00	-100.00	0.00288
20.00	-100.00	0.00271	25.00	-100.00	0.00245
30.00	-100.00	0.00224	40.00	-100.00	0.00189
50.00	-100.00	0.00162	60.00	-100.00	0.00139
70.00	-100.00	0.00121	80.00	-100.00	0.00105
90.00	-100.00	0.00092	100.00	-100.00	0.00081

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-90.00	0.00056	-90.00	-90.00	0.00070	
-80.00	-90.00	0.00088	-70.00	-90.00	0.00112	
-60.00	-90.00	0.00143	-50.00	-90.00	0.00181	
-40.00	-90.00	0.00226	-30.00	-90.00	0.00273	
-25.00	-90.00	0.00296	-20.00	-90.00	0.00316	
-17.00	-90.00	0.00327	-15.00	-90.00	0.00334	
-13.00	-90.00	0.00340	-11.00	-90.00	0.00344	
-9.00	-90.00	0.00347	9.00	-90.00	0.00287	
11.00	-90.00	0.00277	13.00	-90.00	0.00266	
15.00	-90.00	0.00256	17.00	-90.00	0.00246	
20.00	-90.00	0.00232	25.00	-90.00	0.00212	
30.00	-90.00	0.00194	40.00	-90.00	0.00166	
50.00	-90.00	0.00144	60.00	-90.00	0.00126	
70.00	-90.00	0.00111	80.00	-90.00	0.00098	
90.00	-90.00	0.00086	100.00	-90.00	0.00077	
-100.00	-80.00	0.00059	-90.00	-80.00	0.00073	
-80.00	-80.00	0.00091	-70.00	-80.00	0.00113	
-60.00	-80.00	0.00141	-50.00	-80.00	0.00173	
-40.00	-80.00	0.00207	-30.00	-80.00	0.00240	
-25.00	-80.00	0.00255	-20.00	-80.00	0.00269	
-17.00	-80.00	0.00276	-15.00	-80.00	0.00280	
-13.00	-80.00	0.00284	-11.00	-80.00	0.00286	
-9.00	-80.00	0.00287	9.00	-80.00	0.00242	
11.00	-80.00	0.00234	13.00	-80.00	0.00226	
15.00	-80.00	0.00219	17.00	-80.00	0.00211	
20.00	-80.00	0.00201	25.00	-80.00	0.00184	
30.00	-80.00	0.00170	40.00	-80.00	0.00146	
50.00	-80.00	0.00128	60.00	-80.00	0.00113	
70.00	-80.00	0.00100	80.00	-80.00	0.00090	
90.00	-80.00	0.00080	100.00	-80.00	0.00072	
-100.00	-70.00	0.00061	-90.00	-70.00	0.00075	
-80.00	-70.00	0.00092	-70.00	-70.00	0.00112	
-60.00	-70.00	0.00136	-50.00	-70.00	0.00161	
-40.00	-70.00	0.00186	-30.00	-70.00	0.00210	
-25.00	-70.00	0.00221	-20.00	-70.00	0.00230	
-17.00	-70.00	0.00235	-15.00	-70.00	0.00238	
-13.00	-70.00	0.00240	-11.00	-70.00	0.00241	

		06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound			
-9.00	-70.00	0.00241	9.00	-70.00	0.00206
11.00	-70.00	0.00200	13.00	-70.00	0.00194
15.00	-70.00	0.00188	17.00	-70.00	0.00183

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00174	25.00	-70.00	0.00162
30.00	-70.00	0.00150	40.00	-70.00	0.00130
50.00	-70.00	0.00114	60.00	-70.00	0.00101
70.00	-70.00	0.00091	80.00	-70.00	0.00082
90.00	-70.00	0.00074	100.00	-70.00	0.00067
-100.00	-60.00	0.00063	-90.00	-60.00	0.00076
-80.00	-60.00	0.00091	-70.00	-60.00	0.00109
-60.00	-60.00	0.00128	-50.00	-60.00	0.00148
-40.00	-60.00	0.00167	-30.00	-60.00	0.00184
-25.00	-60.00	0.00192	-20.00	-60.00	0.00199
-17.00	-60.00	0.00202	-15.00	-60.00	0.00203
-13.00	-60.00	0.00204	-11.00	-60.00	0.00205
-9.00	-60.00	0.00205	9.00	-60.00	0.00177
11.00	-60.00	0.00172	13.00	-60.00	0.00168
15.00	-60.00	0.00163	17.00	-60.00	0.00159
20.00	-60.00	0.00153	25.00	-60.00	0.00142
30.00	-60.00	0.00133	40.00	-60.00	0.00116
50.00	-60.00	0.00103	60.00	-60.00	0.00092
70.00	-60.00	0.00083	80.00	-60.00	0.00075
90.00	-60.00	0.00068	100.00	-60.00	0.00062
-100.00	-50.00	0.00063	-90.00	-50.00	0.00075
-80.00	-50.00	0.00089	-70.00	-50.00	0.00104
-60.00	-50.00	0.00119	-50.00	-50.00	0.00134
-40.00	-50.00	0.00149	-30.00	-50.00	0.00162
-25.00	-50.00	0.00168	-20.00	-50.00	0.00173
-17.00	-50.00	0.00175	-15.00	-50.00	0.00176
-13.00	-50.00	0.00176	-11.00	-50.00	0.00176
-9.00	-50.00	0.00176	9.00	-50.00	0.00154
11.00	-50.00	0.00150	13.00	-50.00	0.00147
15.00	-50.00	0.00143	17.00	-50.00	0.00139
20.00	-50.00	0.00134	25.00	-50.00	0.00126

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
30.00	-50.00	0.00118	40.00	-50.00	0.00105	
50.00	-50.00	0.00093	60.00	-50.00	0.00083	
70.00	-50.00	0.00075	80.00	-50.00	0.00068	
90.00	-50.00	0.00063	100.00	-50.00	0.00057	
-100.00	-40.00	0.00063	-90.00	-40.00	0.00074	
-80.00	-40.00	0.00086	-70.00	-40.00	0.00098	
-60.00	-40.00	0.00110	-50.00	-40.00	0.00122	
-40.00	-40.00	0.00133	-30.00	-40.00	0.00143	
-25.00	-40.00	0.00148	-20.00	-40.00	0.00151	

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 North/South Bound Direction      \*\*\*

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00152	-15.00	-40.00	0.00153
-13.00	-40.00	0.00153	-11.00	-40.00	0.00153
-9.00	-40.00	0.00152	9.00	-40.00	0.00135
11.00	-40.00	0.00132	13.00	-40.00	0.00129
15.00	-40.00	0.00126	17.00	-40.00	0.00123
20.00	-40.00	0.00119	25.00	-40.00	0.00112
30.00	-40.00	0.00106	40.00	-40.00	0.00094
50.00	-40.00	0.00084	60.00	-40.00	0.00076
70.00	-40.00	0.00069	80.00	-40.00	0.00063
90.00	-40.00	0.00058	100.00	-40.00	0.00053
-100.00	-30.00	0.00062	-90.00	-30.00	0.00072
-80.00	-30.00	0.00082	-70.00	-30.00	0.00092
-60.00	-30.00	0.00101	-50.00	-30.00	0.00111
-40.00	-30.00	0.00120	-30.00	-30.00	0.00128
-25.00	-30.00	0.00131	-20.00	-30.00	0.00133
-17.00	-30.00	0.00134	-15.00	-30.00	0.00134
-13.00	-30.00	0.00134	-11.00	-30.00	0.00134
-9.00	-30.00	0.00133	9.00	-30.00	0.00119
11.00	-30.00	0.00116	13.00	-30.00	0.00114
15.00	-30.00	0.00112	17.00	-30.00	0.00110
20.00	-30.00	0.00106	25.00	-30.00	0.00101
30.00	-30.00	0.00095	40.00	-30.00	0.00086
50.00	-30.00	0.00077	60.00	-30.00	0.00070
70.00	-30.00	0.00063	80.00	-30.00	0.00058
90.00	-30.00	0.00053	100.00	-30.00	0.00049

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
-100.00	-20.00	0.00061	-90.00	-20.00	0.00069
-80.00	-20.00	0.00077	-70.00	-20.00	0.00085
-60.00	-20.00	0.00093	-50.00	-20.00	0.00101
-40.00	-20.00	0.00108	-30.00	-20.00	0.00114
-25.00	-20.00	0.00117	-20.00	-20.00	0.00118
-17.00	-20.00	0.00119	-15.00	-20.00	0.00119
-13.00	-20.00	0.00119	-11.00	-20.00	0.00118
-9.00	-20.00	0.00118	9.00	-20.00	0.00106
11.00	-20.00	0.00104	13.00	-20.00	0.00102
15.00	-20.00	0.00100	17.00	-20.00	0.00098
20.00	-20.00	0.00095	25.00	-20.00	0.00091
30.00	-20.00	0.00086	40.00	-20.00	0.00078
50.00	-20.00	0.00071	60.00	-20.00	0.00064
70.00	-20.00	0.00059	80.00	-20.00	0.00054
90.00	-20.00	0.00050	100.00	-20.00	0.00046

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 North/South Bound Direction      \*\*\*

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00059	-90.00	-10.00	0.00066
-80.00	-10.00	0.00073	-70.00	-10.00	0.00079
-60.00	-10.00	0.00086	-50.00	-10.00	0.00092
-40.00	-10.00	0.00098	-30.00	-10.00	0.00103
-25.00	-10.00	0.00104	-20.00	-10.00	0.00106
-17.00	-10.00	0.00106	-15.00	-10.00	0.00106
-13.00	-10.00	0.00106	-11.00	-10.00	0.00105
-9.00	-10.00	0.00105	9.00	-10.00	0.00094
11.00	-10.00	0.00093	13.00	-10.00	0.00091
15.00	-10.00	0.00090	17.00	-10.00	0.00088
20.00	-10.00	0.00086	25.00	-10.00	0.00082
30.00	-10.00	0.00078	40.00	-10.00	0.00071
50.00	-10.00	0.00065	60.00	-10.00	0.00059
70.00	-10.00	0.00054	80.00	-10.00	0.00050
90.00	-10.00	0.00046	100.00	-10.00	0.00043
-100.00	0.00	0.00057	-90.00	0.00	0.00062
-80.00	0.00	0.00068	-70.00	0.00	0.00074
-60.00	0.00	0.00079	-50.00	0.00	0.00084
-40.00	0.00	0.00089	-30.00	0.00	0.00093

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-25.00	0.00	0.00094	-20.00	0.00	0.00095	
-17.00	0.00	0.00095	-15.00	0.00	0.00095	
-13.00	0.00	0.00095	-11.00	0.00	0.00094	
-9.00	0.00	0.00094	9.00	0.00	0.00085	
11.00	0.00	0.00084	13.00	0.00	0.00082	
15.00	0.00	0.00081	17.00	0.00	0.00080	
20.00	0.00	0.00078	25.00	0.00	0.00075	
30.00	0.00	0.00071	40.00	0.00	0.00065	
50.00	0.00	0.00060	60.00	0.00	0.00055	
70.00	0.00	0.00050	80.00	0.00	0.00047	
90.00	0.00	0.00043	100.00	0.00	0.00040	
-100.00	10.00	0.00054	-90.00	10.00	0.00059	
-80.00	10.00	0.00064	-70.00	10.00	0.00068	
-60.00	10.00	0.00073	-50.00	10.00	0.00077	
-40.00	10.00	0.00081	-30.00	10.00	0.00084	
-25.00	10.00	0.00085	-20.00	10.00	0.00086	
-17.00	10.00	0.00086	-15.00	10.00	0.00085	
-13.00	10.00	0.00085	-11.00	10.00	0.00085	
-9.00	10.00	0.00084	9.00	10.00	0.00077	
11.00	10.00	0.00076	13.00	10.00	0.00075	
15.00	10.00	0.00074	17.00	10.00	0.00073	

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 North/South Bound Direction \*\*\*

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00071	25.00	10.00	0.00068
30.00	10.00	0.00065	40.00	10.00	0.00060
50.00	10.00	0.00055	60.00	10.00	0.00051
70.00	10.00	0.00047	80.00	10.00	0.00043
90.00	10.00	0.00040	100.00	10.00	0.00038
-100.00	20.00	0.00051	-90.00	20.00	0.00056
-80.00	20.00	0.00060	-70.00	20.00	0.00064
-60.00	20.00	0.00067	-50.00	20.00	0.00071
-40.00	20.00	0.00074	-30.00	20.00	0.00077
-25.00	20.00	0.00077	-20.00	20.00	0.00078
-17.00	20.00	0.00078	-15.00	20.00	0.00077
-13.00	20.00	0.00077	-11.00	20.00	0.00077
-9.00	20.00	0.00077	9.00	20.00	0.00070

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	20.00	0.00069	13.00	20.00	0.00068
15.00	20.00	0.00067	17.00	20.00	0.00066
20.00	20.00	0.00065	25.00	20.00	0.00062
30.00	20.00	0.00060	40.00	20.00	0.00056
50.00	20.00	0.00051	60.00	20.00	0.00047
70.00	20.00	0.00044	80.00	20.00	0.00041
90.00	20.00	0.00038	100.00	20.00	0.00035
-100.00	30.00	0.00049	-90.00	30.00	0.00052
-80.00	30.00	0.00056	-70.00	30.00	0.00059
-60.00	30.00	0.00062	-50.00	30.00	0.00065
-40.00	30.00	0.00068	-30.00	30.00	0.00070
-25.00	30.00	0.00071	-20.00	30.00	0.00071
-17.00	30.00	0.00071	-15.00	30.00	0.00071
-13.00	30.00	0.00070	-11.00	30.00	0.00070
-9.00	30.00	0.00070	9.00	30.00	0.00064
11.00	30.00	0.00063	13.00	30.00	0.00062
15.00	30.00	0.00062	17.00	30.00	0.00061
20.00	30.00	0.00059	25.00	30.00	0.00057
30.00	30.00	0.00055	40.00	30.00	0.00051
50.00	30.00	0.00048	60.00	30.00	0.00044
70.00	30.00	0.00041	80.00	30.00	0.00038
90.00	30.00	0.00036	100.00	30.00	0.00033
-100.00	40.00	0.00046	-90.00	40.00	0.00049
-80.00	40.00	0.00052	-70.00	40.00	0.00055
-60.00	40.00	0.00058	-50.00	40.00	0.00061
-40.00	40.00	0.00063	-30.00	40.00	0.00064
-25.00	40.00	0.00065	-20.00	40.00	0.00065

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00065	-15.00	40.00	0.00064
-13.00	40.00	0.00064	-11.00	40.00	0.00064
-9.00	40.00	0.00064	9.00	40.00	0.00059
11.00	40.00	0.00058	13.00	40.00	0.00057
15.00	40.00	0.00057	17.00	40.00	0.00056
20.00	40.00	0.00055	25.00	40.00	0.00053
30.00	40.00	0.00051	40.00	40.00	0.00048



06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	40.00	0.00044	60.00	40.00	0.00041
70.00	40.00	0.00038	80.00	40.00	0.00036
90.00	40.00	0.00034	100.00	40.00	0.00031
-100.00	50.00	0.00044	-90.00	50.00	0.00047
-80.00	50.00	0.00049	-70.00	50.00	0.00052
-60.00	50.00	0.00054	-50.00	50.00	0.00056
-40.00	50.00	0.00058	-30.00	50.00	0.00059
-25.00	50.00	0.00060	-20.00	50.00	0.00060
-17.00	50.00	0.00059	-15.00	50.00	0.00059
-13.00	50.00	0.00059	-11.00	50.00	0.00059
-9.00	50.00	0.00058	9.00	50.00	0.00054
11.00	50.00	0.00053	13.00	50.00	0.00053
15.00	50.00	0.00052	17.00	50.00	0.00052
20.00	50.00	0.00051	25.00	50.00	0.00049
30.00	50.00	0.00047	40.00	50.00	0.00044
50.00	50.00	0.00041	60.00	50.00	0.00039
70.00	50.00	0.00036	80.00	50.00	0.00034
90.00	50.00	0.00032	100.00	50.00	0.00030
-100.00	60.00	0.00042	-90.00	60.00	0.00044
-80.00	60.00	0.00046	-70.00	60.00	0.00048
-60.00	60.00	0.00050	-50.00	60.00	0.00052
-40.00	60.00	0.00054	-30.00	60.00	0.00055
-25.00	60.00	0.00055	-20.00	60.00	0.00055
-17.00	60.00	0.00055	-15.00	60.00	0.00055
-13.00	60.00	0.00054	-11.00	60.00	0.00054
-9.00	60.00	0.00054	9.00	60.00	0.00050
11.00	60.00	0.00049	13.00	60.00	0.00049
15.00	60.00	0.00048	17.00	60.00	0.00048
20.00	60.00	0.00047	25.00	60.00	0.00046
30.00	60.00	0.00044	40.00	60.00	0.00041
50.00	60.00	0.00039	60.00	60.00	0.00036
70.00	60.00	0.00034	80.00	60.00	0.00032
90.00	60.00	0.00030	100.00	60.00	0.00028

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00039	-90.00	70.00	0.00041

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	70.00	0.00043	-70.00	70.00	0.00045
-60.00	70.00	0.00047	-50.00	70.00	0.00049
-40.00	70.00	0.00050	-30.00	70.00	0.00051
-25.00	70.00	0.00051	-20.00	70.00	0.00051
-17.00	70.00	0.00051	-15.00	70.00	0.00050
-13.00	70.00	0.00050	-11.00	70.00	0.00050
-9.00	70.00	0.00050	9.00	70.00	0.00046
11.00	70.00	0.00046	13.00	70.00	0.00045
15.00	70.00	0.00045	17.00	70.00	0.00044
20.00	70.00	0.00044	25.00	70.00	0.00042
30.00	70.00	0.00041	40.00	70.00	0.00039
50.00	70.00	0.00036	60.00	70.00	0.00034
70.00	70.00	0.00032	80.00	70.00	0.00030
90.00	70.00	0.00028	100.00	70.00	0.00027
-100.00	80.00	0.00037	-90.00	80.00	0.00039
-80.00	80.00	0.00041	-70.00	80.00	0.00042
-60.00	80.00	0.00044	-50.00	80.00	0.00045
-40.00	80.00	0.00047	-30.00	80.00	0.00047
-25.00	80.00	0.00047	-20.00	80.00	0.00047
-17.00	80.00	0.00047	-15.00	80.00	0.00047
-13.00	80.00	0.00047	-11.00	80.00	0.00046
-9.00	80.00	0.00046	9.00	80.00	0.00043
11.00	80.00	0.00043	13.00	80.00	0.00042
15.00	80.00	0.00042	17.00	80.00	0.00041
20.00	80.00	0.00041	25.00	80.00	0.00040
30.00	80.00	0.00038	40.00	80.00	0.00036
50.00	80.00	0.00034	60.00	80.00	0.00032
70.00	80.00	0.00030	80.00	80.00	0.00029
90.00	80.00	0.00027	100.00	80.00	0.00025
-100.00	90.00	0.00035	-90.00	90.00	0.00037
-80.00	90.00	0.00038	-70.00	90.00	0.00040
-60.00	90.00	0.00041	-50.00	90.00	0.00043
-40.00	90.00	0.00044	-30.00	90.00	0.00044
-25.00	90.00	0.00044	-20.00	90.00	0.00044
-17.00	90.00	0.00044	-15.00	90.00	0.00044
-13.00	90.00	0.00043	-11.00	90.00	0.00043
-9.00	90.00	0.00043	9.00	90.00	0.00040
11.00	90.00	0.00040	13.00	90.00	0.00039
15.00	90.00	0.00039	17.00	90.00	0.00039

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:  
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\*\*\* Maximum train overlap at North/South Bound Direction

\*\*\*

CONC URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

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

		** CONC OF OTHER IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00038	25.00	90.00	0.00037
30.00	90.00	0.00036	40.00	90.00	0.00034
50.00	90.00	0.00032	60.00	90.00	0.00030
70.00	90.00	0.00029	80.00	90.00	0.00027
90.00	90.00	0.00026	100.00	90.00	0.00024
-100.00	100.00	0.00034	-90.00	100.00	0.00035
-80.00	100.00	0.00036	-70.00	100.00	0.00038
-60.00	100.00	0.00039	-50.00	100.00	0.00040
-40.00	100.00	0.00041	-30.00	100.00	0.00041
-25.00	100.00	0.00041	-20.00	100.00	0.00041
-17.00	100.00	0.00041	-15.00	100.00	0.00041
-13.00	100.00	0.00040	-11.00	100.00	0.00040
-9.00	100.00	0.00040	9.00	100.00	0.00038
11.00	100.00	0.00037	13.00	100.00	0.00037
15.00	100.00	0.00037	17.00	100.00	0.00036
20.00	100.00	0.00036	25.00	100.00	0.00035
30.00	100.00	0.00034	40.00	100.00	0.00032
50.00	100.00	0.00030	60.00	100.00	0.00029
70.00	100.00	0.00027	80.00	100.00	0.00026
90.00	100.00	0.00024	100.00	100.00	0.00023
-100.00	110.00	0.00032	-90.00	110.00	0.00033
-80.00	110.00	0.00034	-70.00	110.00	0.00036
-60.00	110.00	0.00037	-50.00	110.00	0.00038
-40.00	110.00	0.00038	-30.00	110.00	0.00038
-25.00	110.00	0.00038	-20.00	110.00	0.00038
-17.00	110.00	0.00038	-15.00	110.00	0.00038
-13.00	110.00	0.00038	-11.00	110.00	0.00038
-9.00	110.00	0.00037	9.00	110.00	0.00035
11.00	110.00	0.00035	13.00	110.00	0.00035
15.00	110.00	0.00034	17.00	110.00	0.00034
20.00	110.00	0.00033	25.00	110.00	0.00033
30.00	110.00	0.00032	40.00	110.00	0.00030
50.00	110.00	0.00029	60.00	110.00	0.00027
70.00	110.00	0.00026	80.00	110.00	0.00024
90.00	110.00	0.00023	100.00	110.00	0.00022
-100.00	120.00	0.00030	-90.00	120.00	0.00031
-80.00	120.00	0.00033	-70.00	120.00	0.00034
-60.00	120.00	0.00035	-50.00	120.00	0.00035
-40.00	120.00	0.00036	-30.00	120.00	0.00036

-25.00 120.00 06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound  
 0.00036 -20.00 120.00 0.00036

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

18:21:03  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00036	-15.00	120.00	0.00036
-13.00	120.00	0.00035	-11.00	120.00	0.00035
-9.00	120.00	0.00035	9.00	120.00	0.00033
11.00	120.00	0.00033	13.00	120.00	0.00033
15.00	120.00	0.00032	17.00	120.00	0.00032
20.00	120.00	0.00032	25.00	120.00	0.00031
30.00	120.00	0.00030	40.00	120.00	0.00029
50.00	120.00	0.00027	60.00	120.00	0.00026
70.00	120.00	0.00025	80.00	120.00	0.00023
90.00	120.00	0.00022	100.00	120.00	0.00021
-100.00	130.00	0.00029	-90.00	130.00	0.00030
-80.00	130.00	0.00031	-70.00	130.00	0.00032
-60.00	130.00	0.00033	-50.00	130.00	0.00033
-40.00	130.00	0.00034	-30.00	130.00	0.00034
-25.00	130.00	0.00034	-20.00	130.00	0.00034
-17.00	130.00	0.00034	-15.00	130.00	0.00033
-13.00	130.00	0.00033	-11.00	130.00	0.00033
-9.00	130.00	0.00033	9.00	130.00	0.00031
11.00	130.00	0.00031	13.00	130.00	0.00031
15.00	130.00	0.00030	17.00	130.00	0.00030
20.00	130.00	0.00030	25.00	130.00	0.00029
30.00	130.00	0.00028	40.00	130.00	0.00027
50.00	130.00	0.00026	60.00	130.00	0.00025
70.00	130.00	0.00023	80.00	130.00	0.00022
90.00	130.00	0.00021	100.00	130.00	0.00020
-100.00	140.00	0.00028	-90.00	140.00	0.00028
-80.00	140.00	0.00029	-70.00	140.00	0.00030
-60.00	140.00	0.00031	-50.00	140.00	0.00032
-40.00	140.00	0.00032	-30.00	140.00	0.00032
-25.00	140.00	0.00032	-20.00	140.00	0.00032
-17.00	140.00	0.00032	-15.00	140.00	0.00031
-13.00	140.00	0.00031	-11.00	140.00	0.00031
-9.00	140.00	0.00031	9.00	140.00	0.00029

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
11.00	140.00	0.00029	13.00	140.00	0.00029	
15.00	140.00	0.00029	17.00	140.00	0.00028	
20.00	140.00	0.00028	25.00	140.00	0.00027	
30.00	140.00	0.00027	40.00	140.00	0.00026	
50.00	140.00	0.00024	60.00	140.00	0.00023	
70.00	140.00	0.00022	80.00	140.00	0.00021	
90.00	140.00	0.00020	100.00	140.00	0.00019	

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
50.00	160.00	0.00022	60.00	160.00	0.00021	
70.00	160.00	0.00020	80.00	160.00	0.00019	
90.00	160.00	0.00018	100.00	160.00	0.00018	
-100.00	170.00	0.00024	-90.00	170.00	0.00025	
-80.00	170.00	0.00025	-70.00	170.00	0.00026	
-60.00	170.00	0.00026	-50.00	170.00	0.00027	
-40.00	170.00	0.00027	-30.00	170.00	0.00027	
-25.00	170.00	0.00027	-20.00	170.00	0.00027	
-17.00	170.00	0.00027	-15.00	170.00	0.00027	
-13.00	170.00	0.00026	-11.00	170.00	0.00026	
-9.00	170.00	0.00026	9.00	170.00	0.00025	
11.00	170.00	0.00025	13.00	170.00	0.00025	
15.00	170.00	0.00024	17.00	170.00	0.00024	

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
-80.00	190.00	0.00023	-70.00	190.00	0.00024
-60.00	190.00	0.00024	-50.00	190.00	0.00024
-40.00	190.00	0.00024	-30.00	190.00	0.00024
-25.00	190.00	0.00024	-20.00	190.00	0.00024
-17.00	190.00	0.00024	-15.00	190.00	0.00024
-13.00	190.00	0.00024	-11.00	190.00	0.00024
-9.00	190.00	0.00024	9.00	190.00	0.00022
11.00	190.00	0.00022	13.00	190.00	0.00022
15.00	190.00	0.00022	17.00	190.00	0.00022
20.00	190.00	0.00022	25.00	190.00	0.00021
30.00	190.00	0.00021	40.00	190.00	0.00020
50.00	190.00	0.00019	60.00	190.00	0.00018
70.00	190.00	0.00018	80.00	190.00	0.00017
90.00	190.00	0.00016	100.00	190.00	0.00016
-100.00	200.00	0.00021	-90.00	200.00	0.00022
-80.00	200.00	0.00022	-70.00	200.00	0.00022
-60.00	200.00	0.00023	-50.00	200.00	0.00023
-40.00	200.00	0.00023	-30.00	200.00	0.00023
-25.00	200.00	0.00023	-20.00	200.00	0.00023

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00023	-15.00	200.00	0.00023
-13.00	200.00	0.00023	-11.00	200.00	0.00023
-9.00	200.00	0.00022	9.00	200.00	0.00021
11.00	200.00	0.00021	13.00	200.00	0.00021
15.00	200.00	0.00021	17.00	200.00	0.00021
20.00	200.00	0.00021	25.00	200.00	0.00020
30.00	200.00	0.00020	40.00	200.00	0.00019
50.00	200.00	0.00018	60.00	200.00	0.00018
70.00	200.00	0.00017	80.00	200.00	0.00016
90.00	200.00	0.00016	100.00	200.00	0.00015
-100.00	210.00	0.00020	-90.00	210.00	0.00021
-80.00	210.00	0.00021	-70.00	210.00	0.00022
-60.00	210.00	0.00022	-50.00	210.00	0.00022
-40.00	210.00	0.00022	-30.00	210.00	0.00022
-25.00	210.00	0.00022	-20.00	210.00	0.00022

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-17.00	210.00	0.00022	-15.00	210.00	0.00022	
-13.00	210.00	0.00022	-11.00	210.00	0.00021	
-9.00	210.00	0.00021	9.00	210.00	0.00020	
11.00	210.00	0.00020	13.00	210.00	0.00020	
15.00	210.00	0.00020	17.00	210.00	0.00020	
20.00	210.00	0.00020	25.00	210.00	0.00019	
30.00	210.00	0.00019	40.00	210.00	0.00018	
50.00	210.00	0.00018	60.00	210.00	0.00017	
70.00	210.00	0.00016	80.00	210.00	0.00016	
90.00	210.00	0.00015	100.00	210.00	0.00014	
-100.00	220.00	0.00019	-90.00	220.00	0.00020	
-80.00	220.00	0.00020	-70.00	220.00	0.00021	
-60.00	220.00	0.00021	-50.00	220.00	0.00021	
-40.00	220.00	0.00021	-30.00	220.00	0.00021	
-25.00	220.00	0.00021	-20.00	220.00	0.00021	
-17.00	220.00	0.00021	-15.00	220.00	0.00021	
-13.00	220.00	0.00021	-11.00	220.00	0.00020	
-9.00	220.00	0.00020	9.00	220.00	0.00019	
11.00	220.00	0.00019	13.00	220.00	0.00019	
15.00	220.00	0.00019	17.00	220.00	0.00019	
20.00	220.00	0.00019	25.00	220.00	0.00018	
30.00	220.00	0.00018	40.00	220.00	0.00018	
50.00	220.00	0.00017	60.00	220.00	0.00016	
70.00	220.00	0.00016	80.00	220.00	0.00015	
90.00	220.00	0.00015	100.00	220.00	0.00014	

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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



06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

04/18/08

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00017	25.00	250.00	0.00016
30.00	250.00	0.00016	40.00	250.00	0.00015
50.00	250.00	0.00015	60.00	250.00	0.00014

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound  
 70.00 250.00 0.00014 80.00 250.00 0.00013  
 90.00 250.00 0.00013 100.00 250.00 0.00013

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00041	-90.00	-250.00	0.00046
-80.00	-250.00	0.00051	-70.00	-250.00	0.00057
-60.00	-250.00	0.00064	-50.00	-250.00	0.00072
-40.00	-250.00	0.00083	-30.00	-250.00	0.00097
-25.00	-250.00	0.00107	-20.00	-250.00	0.00118
-17.00	-250.00	0.00126	-15.00	-250.00	0.00131
-13.00	-250.00	0.00137	-11.00	-250.00	0.00144
-9.00	-250.00	0.00151	9.00	-250.00	0.00203
11.00	-250.00	0.00211	13.00	-250.00	0.00218
15.00	-250.00	0.00224	17.00	-250.00	0.00230
20.00	-250.00	0.00238	25.00	-250.00	0.00246
30.00	-250.00	0.00249	40.00	-250.00	0.00244
50.00	-250.00	0.00231	60.00	-250.00	0.00216
70.00	-250.00	0.00201	80.00	-250.00	0.00186
90.00	-250.00	0.00173	100.00	-250.00	0.00161
-100.00	-240.00	0.00044	-90.00	-240.00	0.00048
-80.00	-240.00	0.00054	-70.00	-240.00	0.00060
-60.00	-240.00	0.00068	-50.00	-240.00	0.00078
-40.00	-240.00	0.00090	-30.00	-240.00	0.00106
-25.00	-240.00	0.00115	-20.00	-240.00	0.00127
-17.00	-240.00	0.00137	-15.00	-240.00	0.00144
-13.00	-240.00	0.00151	-11.00	-240.00	0.00160
-9.00	-240.00	0.00169	9.00	-240.00	0.00261
11.00	-240.00	0.00272	13.00	-240.00	0.00281
15.00	-240.00	0.00288	17.00	-240.00	0.00294
20.00	-240.00	0.00299	25.00	-240.00	0.00300
30.00	-240.00	0.00295	40.00	-240.00	0.00278
50.00	-240.00	0.00258	60.00	-240.00	0.00237
70.00	-240.00	0.00218	80.00	-240.00	0.00201
90.00	-240.00	0.00185	100.00	-240.00	0.00171
-100.00	-230.00	0.00046	-90.00	-230.00	0.00051
-80.00	-230.00	0.00057	-70.00	-230.00	0.00065

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
-60.00	-230.00	0.00073	-50.00	-230.00	0.00084
-40.00	-230.00	0.00098	-30.00	-230.00	0.00115
-25.00	-230.00	0.00126	-20.00	-230.00	0.00140
-17.00	-230.00	0.00149	-15.00	-230.00	0.00157
-13.00	-230.00	0.00166	-11.00	-230.00	0.00176
-9.00	-230.00	0.00188	9.00	-230.00	0.00358
11.00	-230.00	0.00363	13.00	-230.00	0.00365
15.00	-230.00	0.00365	17.00	-230.00	0.00364

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

18:21:03  
 \*\*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
20.00	-230.00	0.00360	25.00	-230.00	0.00351
30.00	-230.00	0.00339	40.00	-230.00	0.00312
50.00	-230.00	0.00284	60.00	-230.00	0.00258
70.00	-230.00	0.00235	80.00	-230.00	0.00214
90.00	-230.00	0.00196	100.00	-230.00	0.00181
-100.00	-220.00	0.00049	-90.00	-220.00	0.00055
-80.00	-220.00	0.00061	-70.00	-220.00	0.00069
-60.00	-220.00	0.00079	-50.00	-220.00	0.00091
-40.00	-220.00	0.00107	-30.00	-220.00	0.00127
-25.00	-220.00	0.00139	-20.00	-220.00	0.00155
-17.00	-220.00	0.00166	-15.00	-220.00	0.00176
-13.00	-220.00	0.00187	-11.00	-220.00	0.00201
-9.00	-220.00	0.00220	9.00	-220.00	0.00478
11.00	-220.00	0.00462	13.00	-220.00	0.00451
15.00	-220.00	0.00442	17.00	-220.00	0.00433
20.00	-220.00	0.00422	25.00	-220.00	0.00402
30.00	-220.00	0.00383	40.00	-220.00	0.00346
50.00	-220.00	0.00311	60.00	-220.00	0.00280
70.00	-220.00	0.00253	80.00	-220.00	0.00229
90.00	-220.00	0.00208	100.00	-220.00	0.00191
-100.00	-210.00	0.00051	-90.00	-210.00	0.00058
-80.00	-210.00	0.00065	-70.00	-210.00	0.00074
-60.00	-210.00	0.00085	-50.00	-210.00	0.00098
-40.00	-210.00	0.00116	-30.00	-210.00	0.00140
-25.00	-210.00	0.00158	-20.00	-210.00	0.00183
-17.00	-210.00	0.00205	-15.00	-210.00	0.00225

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
-13.00	-210.00	0.00252	-11.00	-210.00	0.00288
-9.00	-210.00	0.00339	9.00	-210.00	0.00616
11.00	-210.00	0.00584	13.00	-210.00	0.00559
15.00	-210.00	0.00538	17.00	-210.00	0.00520
20.00	-210.00	0.00496	25.00	-210.00	0.00462
30.00	-210.00	0.00433	40.00	-210.00	0.00383
50.00	-210.00	0.00340	60.00	-210.00	0.00303
70.00	-210.00	0.00271	80.00	-210.00	0.00244
90.00	-210.00	0.00221	100.00	-210.00	0.00201
-100.00	-200.00	0.00054	-90.00	-200.00	0.00060
-80.00	-200.00	0.00068	-70.00	-200.00	0.00078
-60.00	-200.00	0.00091	-50.00	-200.00	0.00107
-40.00	-200.00	0.00130	-30.00	-200.00	0.00167
-25.00	-200.00	0.00197	-20.00	-200.00	0.00244

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00285	-15.00	-200.00	0.00319
-13.00	-200.00	0.00362	-11.00	-200.00	0.00414
-9.00	-200.00	0.00480	9.00	-200.00	0.00728
11.00	-200.00	0.00687	13.00	-200.00	0.00654
15.00	-200.00	0.00627	17.00	-200.00	0.00603
20.00	-200.00	0.00571	25.00	-200.00	0.00525
30.00	-200.00	0.00486	40.00	-200.00	0.00421
50.00	-200.00	0.00369	60.00	-200.00	0.00326
70.00	-200.00	0.00290	80.00	-200.00	0.00259
90.00	-200.00	0.00234	100.00	-200.00	0.00212
-100.00	-190.00	0.00056	-90.00	-190.00	0.00064
-80.00	-190.00	0.00073	-70.00	-190.00	0.00084
-60.00	-190.00	0.00099	-50.00	-190.00	0.00120
-40.00	-190.00	0.00152	-30.00	-190.00	0.00208
-25.00	-190.00	0.00254	-20.00	-190.00	0.00321
-17.00	-190.00	0.00374	-15.00	-190.00	0.00416
-13.00	-190.00	0.00466	-11.00	-190.00	0.00525
-9.00	-190.00	0.00598	9.00	-190.00	0.00818
11.00	-190.00	0.00770	13.00	-190.00	0.00731
15.00	-190.00	0.00699	17.00	-190.00	0.00671

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-190.00	0.00633	25.00	-190.00	0.00580
30.00	-190.00	0.00535	40.00	-190.00	0.00459
50.00	-190.00	0.00398	60.00	-190.00	0.00348
70.00	-190.00	0.00308	80.00	-190.00	0.00274
90.00	-190.00	0.00246	100.00	-190.00	0.00222
-100.00	-180.00	0.00059	-90.00	-180.00	0.00068
-80.00	-180.00	0.00078	-70.00	-180.00	0.00092
-60.00	-180.00	0.00111	-50.00	-180.00	0.00137
-40.00	-180.00	0.00180	-30.00	-180.00	0.00256
-25.00	-180.00	0.00314	-20.00	-180.00	0.00393
-17.00	-180.00	0.00452	-15.00	-180.00	0.00499
-13.00	-180.00	0.00553	-11.00	-180.00	0.00616
-9.00	-180.00	0.00692	9.00	-180.00	0.00891
11.00	-180.00	0.00838	13.00	-180.00	0.00795
15.00	-180.00	0.00758	17.00	-180.00	0.00726
20.00	-180.00	0.00685	25.00	-180.00	0.00626
30.00	-180.00	0.00576	40.00	-180.00	0.00492
50.00	-180.00	0.00425	60.00	-180.00	0.00370
70.00	-180.00	0.00325	80.00	-180.00	0.00289
90.00	-180.00	0.00258	100.00	-180.00	0.00232

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00063	-90.00	-170.00	0.00073
-80.00	-170.00	0.00085	-70.00	-170.00	0.00101
-60.00	-170.00	0.00124	-50.00	-170.00	0.00158
-40.00	-170.00	0.00213	-30.00	-170.00	0.00304
-25.00	-170.00	0.00369	-20.00	-170.00	0.00455
-17.00	-170.00	0.00518	-15.00	-170.00	0.00567
-13.00	-170.00	0.00624	-11.00	-170.00	0.00689
-9.00	-170.00	0.00767	9.00	-170.00	0.00951
11.00	-170.00	0.00893	13.00	-170.00	0.00848
15.00	-170.00	0.00808	17.00	-170.00	0.00774
20.00	-170.00	0.00728	25.00	-170.00	0.00665
30.00	-170.00	0.00610	40.00	-170.00	0.00521
50.00	-170.00	0.00450	60.00	-170.00	0.00391
70.00	-170.00	0.00342	80.00	-170.00	0.00303

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-170.00	0.00270	100.00	-170.00	0.00242
-100.00	-160.00	0.00068	-90.00	-160.00	0.00078
-80.00	-160.00	0.00093	-70.00	-160.00	0.00112
-60.00	-160.00	0.00140	-50.00	-160.00	0.00181
-40.00	-160.00	0.00246	-30.00	-160.00	0.00347
-25.00	-160.00	0.00417	-20.00	-160.00	0.00506
-17.00	-160.00	0.00573	-15.00	-160.00	0.00623
-13.00	-160.00	0.00681	-11.00	-160.00	0.00747
-9.00	-160.00	0.00826	9.00	-160.00	0.00999
11.00	-160.00	0.00939	13.00	-160.00	0.00891
15.00	-160.00	0.00850	17.00	-160.00	0.00814
20.00	-160.00	0.00765	25.00	-160.00	0.00697
30.00	-160.00	0.00640	40.00	-160.00	0.00546
50.00	-160.00	0.00471	60.00	-160.00	0.00409
70.00	-160.00	0.00358	80.00	-160.00	0.00316
90.00	-160.00	0.00281	100.00	-160.00	0.00252
-100.00	-150.00	0.00073	-90.00	-150.00	0.00085
-80.00	-150.00	0.00101	-70.00	-150.00	0.00124
-60.00	-150.00	0.00157	-50.00	-150.00	0.00205
-40.00	-150.00	0.00276	-30.00	-150.00	0.00384
-25.00	-150.00	0.00457	-20.00	-150.00	0.00550
-17.00	-150.00	0.00618	-15.00	-150.00	0.00670
-13.00	-150.00	0.00728	-11.00	-150.00	0.00795
-9.00	-150.00	0.00874	9.00	-150.00	0.01040
11.00	-150.00	0.00977	13.00	-150.00	0.00927
15.00	-150.00	0.00885	17.00	-150.00	0.00847

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00797	25.00	-150.00	0.00725
30.00	-150.00	0.00665	40.00	-150.00	0.00567
50.00	-150.00	0.00489	60.00	-150.00	0.00425
70.00	-150.00	0.00372	80.00	-150.00	0.00328
90.00	-150.00	0.00291	100.00	-150.00	0.00261
-100.00	-140.00	0.00078	-90.00	-140.00	0.00092
-80.00	-140.00	0.00111	-70.00	-140.00	0.00137
-60.00	-140.00	0.00174	-50.00	-140.00	0.00227

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-140.00	0.00304	-30.00	-140.00	0.00416
-25.00	-140.00	0.00491	-20.00	-140.00	0.00586
-17.00	-140.00	0.00655	-15.00	-140.00	0.00708
-13.00	-140.00	0.00766	-11.00	-140.00	0.00834
-9.00	-140.00	0.00914	9.00	-140.00	0.01075
11.00	-140.00	0.01011	13.00	-140.00	0.00957
15.00	-140.00	0.00913	17.00	-140.00	0.00875
20.00	-140.00	0.00823	25.00	-140.00	0.00750
30.00	-140.00	0.00687	40.00	-140.00	0.00586
50.00	-140.00	0.00505	60.00	-140.00	0.00439
70.00	-140.00	0.00384	80.00	-140.00	0.00339
90.00	-140.00	0.00301	100.00	-140.00	0.00269
-100.00	-130.00	0.00084	-90.00	-130.00	0.00100
-80.00	-130.00	0.00121	-70.00	-130.00	0.00150
-60.00	-130.00	0.00191	-50.00	-130.00	0.00248
-40.00	-130.00	0.00328	-30.00	-130.00	0.00444
-25.00	-130.00	0.00521	-20.00	-130.00	0.00617
-17.00	-130.00	0.00687	-15.00	-130.00	0.00739
-13.00	-130.00	0.00799	-11.00	-130.00	0.00867
-9.00	-130.00	0.00946	9.00	-130.00	0.01099
11.00	-130.00	0.01037	13.00	-130.00	0.00985
15.00	-130.00	0.00939	17.00	-130.00	0.00900
20.00	-130.00	0.00847	25.00	-130.00	0.00771
30.00	-130.00	0.00706	40.00	-130.00	0.00602
50.00	-130.00	0.00519	60.00	-130.00	0.00451
70.00	-130.00	0.00395	80.00	-130.00	0.00348
90.00	-130.00	0.00310	100.00	-130.00	0.00277
-100.00	-120.00	0.00090	-90.00	-120.00	0.00108
-80.00	-120.00	0.00132	-70.00	-120.00	0.00164
-60.00	-120.00	0.00207	-50.00	-120.00	0.00267
-40.00	-120.00	0.00350	-30.00	-120.00	0.00468
-25.00	-120.00	0.00546	-20.00	-120.00	0.00643

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

18:21:03  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00714	-15.00	-120.00	0.00767
-13.00	-120.00	0.00827	-11.00	-120.00	0.00895

06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-120.00	0.00974	9.00	-120.00	0.01119
11.00	-120.00	0.01057	13.00	-120.00	0.01005
15.00	-120.00	0.00960	17.00	-120.00	0.00920
20.00	-120.00	0.00866	25.00	-120.00	0.00789
30.00	-120.00	0.00723	40.00	-120.00	0.00617
50.00	-120.00	0.00532	60.00	-120.00	0.00462
70.00	-120.00	0.00405	80.00	-120.00	0.00357
90.00	-120.00	0.00317	100.00	-120.00	0.00284
-100.00	-110.00	0.00097	-90.00	-110.00	0.00116
-80.00	-110.00	0.00142	-70.00	-110.00	0.00176
-60.00	-110.00	0.00222	-50.00	-110.00	0.00284
-40.00	-110.00	0.00369	-30.00	-110.00	0.00489
-25.00	-110.00	0.00568	-20.00	-110.00	0.00666
-17.00	-110.00	0.00737	-15.00	-110.00	0.00790
-13.00	-110.00	0.00850	-11.00	-110.00	0.00917
-9.00	-110.00	0.00996	9.00	-110.00	0.01139
11.00	-110.00	0.01076	13.00	-110.00	0.01024
15.00	-110.00	0.00978	17.00	-110.00	0.00937
20.00	-110.00	0.00883	25.00	-110.00	0.00805
30.00	-110.00	0.00739	40.00	-110.00	0.00630
50.00	-110.00	0.00543	60.00	-110.00	0.00472
70.00	-110.00	0.00413	80.00	-110.00	0.00365
90.00	-110.00	0.00324	100.00	-110.00	0.00290
-100.00	-100.00	0.00104	-90.00	-100.00	0.00125
-80.00	-100.00	0.00152	-70.00	-100.00	0.00188
-60.00	-100.00	0.00235	-50.00	-100.00	0.00299
-40.00	-100.00	0.00386	-30.00	-100.00	0.00507
-25.00	-100.00	0.00587	-20.00	-100.00	0.00686
-17.00	-100.00	0.00756	-15.00	-100.00	0.00809
-13.00	-100.00	0.00869	-11.00	-100.00	0.00937
-9.00	-100.00	0.01015	9.00	-100.00	0.01156
11.00	-100.00	0.01093	13.00	-100.00	0.01040
15.00	-100.00	0.00994	17.00	-100.00	0.00953
20.00	-100.00	0.00897	25.00	-100.00	0.00819
30.00	-100.00	0.00752	40.00	-100.00	0.00641
50.00	-100.00	0.00553	60.00	-100.00	0.00481
70.00	-100.00	0.00421	80.00	-100.00	0.00372
90.00	-100.00	0.00330	100.00	-100.00	0.00295

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

18:21:03  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-90.00	0.00111	-90.00	-90.00	0.00133	
-80.00	-90.00	0.00162	-70.00	-90.00	0.00199	
-60.00	-90.00	0.00248	-50.00	-90.00	0.00313	
-40.00	-90.00	0.00400	-30.00	-90.00	0.00523	
-25.00	-90.00	0.00604	-20.00	-90.00	0.00702	
-17.00	-90.00	0.00773	-15.00	-90.00	0.00826	
-13.00	-90.00	0.00886	-11.00	-90.00	0.00953	
-9.00	-90.00	0.01032	9.00	-90.00	0.01172	
11.00	-90.00	0.01107	13.00	-90.00	0.01054	
15.00	-90.00	0.01007	17.00	-90.00	0.00966	
20.00	-90.00	0.00910	25.00	-90.00	0.00831	
30.00	-90.00	0.00763	40.00	-90.00	0.00651	
50.00	-90.00	0.00562	60.00	-90.00	0.00488	
70.00	-90.00	0.00428	80.00	-90.00	0.00378	
90.00	-90.00	0.00336	100.00	-90.00	0.00300	
-100.00	-80.00	0.00118	-90.00	-80.00	0.00141	
-80.00	-80.00	0.00171	-70.00	-80.00	0.00209	
-60.00	-80.00	0.00259	-50.00	-80.00	0.00325	
-40.00	-80.00	0.00414	-30.00	-80.00	0.00537	
-25.00	-80.00	0.00618	-20.00	-80.00	0.00717	
-17.00	-80.00	0.00788	-15.00	-80.00	0.00841	
-13.00	-80.00	0.00900	-11.00	-80.00	0.00968	
-9.00	-80.00	0.01047	9.00	-80.00	0.01186	
11.00	-80.00	0.01120	13.00	-80.00	0.01067	
15.00	-80.00	0.01020	17.00	-80.00	0.00978	
20.00	-80.00	0.00921	25.00	-80.00	0.00842	
30.00	-80.00	0.00773	40.00	-80.00	0.00660	
50.00	-80.00	0.00569	60.00	-80.00	0.00495	
70.00	-80.00	0.00434	80.00	-80.00	0.00384	
90.00	-80.00	0.00341	100.00	-80.00	0.00305	
-100.00	-70.00	0.00124	-90.00	-70.00	0.00149	
-80.00	-70.00	0.00179	-70.00	-70.00	0.00219	
-60.00	-70.00	0.00269	-50.00	-70.00	0.00336	
-40.00	-70.00	0.00425	-30.00	-70.00	0.00549	
-25.00	-70.00	0.00630	-20.00	-70.00	0.00730	
-17.00	-70.00	0.00800	-15.00	-70.00	0.00854	
-13.00	-70.00	0.00913	-11.00	-70.00	0.00981	
-9.00	-70.00	0.01060	9.00	-70.00	0.01198	
11.00	-70.00	0.01131	13.00	-70.00	0.01077	
15.00	-70.00	0.01031	17.00	-70.00	0.00989	

06NCRA SR01-300\_DPM\_TRAV\_ANN\_N-S Bound  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/18/08  
 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 18:21:03  
 \*\*MODELOPTs:  
 PAGE 130  
 CONC URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00932	25.00	-70.00	0.00851
30.00	-70.00	0.00782	40.00	-70.00	0.00668
50.00	-70.00	0.00577	60.00	-70.00	0.00502
70.00	-70.00	0.00440	80.00	-70.00	0.00389
90.00	-70.00	0.00345	100.00	-70.00	0.00309
-100.00	-60.00	0.00131	-90.00	-60.00	0.00156
-80.00	-60.00	0.00187	-70.00	-60.00	0.00227
-60.00	-60.00	0.00279	-50.00	-60.00	0.00346
-40.00	-60.00	0.00436	-30.00	-60.00	0.00560
-25.00	-60.00	0.00642	-20.00	-60.00	0.00741
-17.00	-60.00	0.00812	-15.00	-60.00	0.00865
-13.00	-60.00	0.00925	-11.00	-60.00	0.00992
-9.00	-60.00	0.01071	9.00	-60.00	0.01209
11.00	-60.00	0.01142	13.00	-60.00	0.01087
15.00	-60.00	0.01040	17.00	-60.00	0.00998
20.00	-60.00	0.00941	25.00	-60.00	0.00859
30.00	-60.00	0.00790	40.00	-60.00	0.00675
50.00	-60.00	0.00583	60.00	-60.00	0.00507
70.00	-60.00	0.00445	80.00	-60.00	0.00393
90.00	-60.00	0.00349	100.00	-60.00	0.00312
-100.00	-50.00	0.00137	-90.00	-50.00	0.00162
-80.00	-50.00	0.00194	-70.00	-50.00	0.00235
-60.00	-50.00	0.00287	-50.00	-50.00	0.00355
-40.00	-50.00	0.00445	-30.00	-50.00	0.00570
-25.00	-50.00	0.00651	-20.00	-50.00	0.00751
-17.00	-50.00	0.00822	-15.00	-50.00	0.00875
-13.00	-50.00	0.00934	-11.00	-50.00	0.01002
-9.00	-50.00	0.01081	9.00	-50.00	0.01220
11.00	-50.00	0.01152	13.00	-50.00	0.01095
15.00	-50.00	0.01048	17.00	-50.00	0.01006
20.00	-50.00	0.00949	25.00	-50.00	0.00867
30.00	-50.00	0.00797	40.00	-50.00	0.00681
50.00	-50.00	0.00589	60.00	-50.00	0.00512
70.00	-50.00	0.00449	80.00	-50.00	0.00397

X	Y	CONC	X	Y	CONC
90.00	-50.00	0.00353	100.00	-50.00	0.00315
-100.00	-40.00	0.00142	-90.00	-40.00	0.00169
-80.00	-40.00	0.00201	-70.00	-40.00	0.00242
-60.00	-40.00	0.00295	-50.00	-40.00	0.00363
-40.00	-40.00	0.00454	-30.00	-40.00	0.00579
-25.00	-40.00	0.00660	-20.00	-40.00	0.00760

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

X-COORD (M)		Y-COORD (M)	CONC	X-COORD (M)		Y-COORD (M)	CONC
-17.00	-40.00	0.00831	-15.00	-40.00	0.00884		
-13.00	-40.00	0.00943	-11.00	-40.00	0.01011		
-9.00	-40.00	0.01090	9.00	-40.00	0.01225		
11.00	-40.00	0.01160	13.00	-40.00	0.01104		
15.00	-40.00	0.01056	17.00	-40.00	0.01014		
20.00	-40.00	0.00956	25.00	-40.00	0.00874		
30.00	-40.00	0.00803	40.00	-40.00	0.00687		
50.00	-40.00	0.00594	60.00	-40.00	0.00517		
70.00	-40.00	0.00453	80.00	-40.00	0.00400		
90.00	-40.00	0.00356	100.00	-40.00	0.00318		
-100.00	-30.00	0.00148	-90.00	-30.00	0.00174		
-80.00	-30.00	0.00207	-70.00	-30.00	0.00249		
-60.00	-30.00	0.00302	-50.00	-30.00	0.00370		
-40.00	-30.00	0.00461	-30.00	-30.00	0.00587		
-25.00	-30.00	0.00668	-20.00	-30.00	0.00768		
-17.00	-30.00	0.00839	-15.00	-30.00	0.00892		
-13.00	-30.00	0.00951	-11.00	-30.00	0.01019		
-9.00	-30.00	0.01098	9.00	-30.00	0.01228		
11.00	-30.00	0.01164	13.00	-30.00	0.01110		
15.00	-30.00	0.01062	17.00	-30.00	0.01020		
20.00	-30.00	0.00962	25.00	-30.00	0.00880		
30.00	-30.00	0.00809	40.00	-30.00	0.00692		
50.00	-30.00	0.00598	60.00	-30.00	0.00521		
70.00	-30.00	0.00457	80.00	-30.00	0.00403		
90.00	-30.00	0.00358	100.00	-30.00	0.00320		
-100.00	-20.00	0.00153	-90.00	-20.00	0.00180		
-80.00	-20.00	0.00213	-70.00	-20.00	0.00255		
-60.00	-20.00	0.00308	-50.00	-20.00	0.00377		

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound					
-40.00	-20.00	0.00468	-30.00	-20.00	0.00594
-25.00	-20.00	0.00675	-20.00	-20.00	0.00775
-17.00	-20.00	0.00846	-15.00	-20.00	0.00899
-13.00	-20.00	0.00958	-11.00	-20.00	0.01025
-9.00	-20.00	0.01104	9.00	-20.00	0.01234
11.00	-20.00	0.01169	13.00	-20.00	0.01115
15.00	-20.00	0.01068	17.00	-20.00	0.01025
20.00	-20.00	0.00968	25.00	-20.00	0.00885
30.00	-20.00	0.00814	40.00	-20.00	0.00697
50.00	-20.00	0.00602	60.00	-20.00	0.00524
70.00	-20.00	0.00460	80.00	-20.00	0.00406
90.00	-20.00	0.00361	100.00	-20.00	0.00322

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

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\*\*MODELOPTs:  
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CONC                                    URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00157	-90.00	-10.00	0.00185
-80.00	-10.00	0.00218	-70.00	-10.00	0.00260
-60.00	-10.00	0.00314	-50.00	-10.00	0.00383
-40.00	-10.00	0.00474	-30.00	-10.00	0.00600
-25.00	-10.00	0.00681	-20.00	-10.00	0.00781
-17.00	-10.00	0.00852	-15.00	-10.00	0.00905
-13.00	-10.00	0.00964	-11.00	-10.00	0.01031
-9.00	-10.00	0.01110	9.00	-10.00	0.01240
11.00	-10.00	0.01175	13.00	-10.00	0.01120
15.00	-10.00	0.01072	17.00	-10.00	0.01030
20.00	-10.00	0.00972	25.00	-10.00	0.00889
30.00	-10.00	0.00818	40.00	-10.00	0.00700
50.00	-10.00	0.00605	60.00	-10.00	0.00527
70.00	-10.00	0.00462	80.00	-10.00	0.00408
90.00	-10.00	0.00362	100.00	-10.00	0.00324
-100.00	0.00	0.00162	-90.00	0.00	0.00189
-80.00	0.00	0.00223	-70.00	0.00	0.00265
-60.00	0.00	0.00319	-50.00	0.00	0.00388
-40.00	0.00	0.00480	-30.00	0.00	0.00605
-25.00	0.00	0.00687	-20.00	0.00	0.00786
-17.00	0.00	0.00857	-15.00	0.00	0.00910
-13.00	0.00	0.00969	-11.00	0.00	0.01036

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-9.00	0.00	0.01115	9.00	0.00	0.01245	
11.00	0.00	0.01179	13.00	0.00	0.01125	
15.00	0.00	0.01077	17.00	0.00	0.01034	
20.00	0.00	0.00976	25.00	0.00	0.00893	
30.00	0.00	0.00822	40.00	0.00	0.00704	
50.00	0.00	0.00608	60.00	0.00	0.00529	
70.00	0.00	0.00464	80.00	0.00	0.00410	
90.00	0.00	0.00364	100.00	0.00	0.00325	
-100.00	10.00	0.00166	-90.00	10.00	0.00193	
-80.00	10.00	0.00228	-70.00	10.00	0.00270	
-60.00	10.00	0.00324	-50.00	10.00	0.00393	
-40.00	10.00	0.00484	-30.00	10.00	0.00610	
-25.00	10.00	0.00692	-20.00	10.00	0.00791	
-17.00	10.00	0.00861	-15.00	10.00	0.00914	
-13.00	10.00	0.00974	-11.00	10.00	0.01041	
-9.00	10.00	0.01119	9.00	10.00	0.01250	
11.00	10.00	0.01183	13.00	10.00	0.01129	
15.00	10.00	0.01081	17.00	10.00	0.01038	

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER IN MICROGRAMS/M**3      **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	10.00	0.00979	25.00	10.00	0.00897	
30.00	10.00	0.00825	40.00	10.00	0.00706	
50.00	10.00	0.00610	60.00	10.00	0.00531	
70.00	10.00	0.00466	80.00	10.00	0.00411	
90.00	10.00	0.00365	100.00	10.00	0.00326	
-100.00	20.00	0.00169	-90.00	20.00	0.00197	
-80.00	20.00	0.00232	-70.00	20.00	0.00274	
-60.00	20.00	0.00328	-50.00	20.00	0.00397	
-40.00	20.00	0.00489	-30.00	20.00	0.00614	
-25.00	20.00	0.00696	-20.00	20.00	0.00795	
-17.00	20.00	0.00865	-15.00	20.00	0.00918	
-13.00	20.00	0.00978	-11.00	20.00	0.01045	
-9.00	20.00	0.01123	9.00	20.00	0.01254	
11.00	20.00	0.01186	13.00	20.00	0.01132	
15.00	20.00	0.01084	17.00	20.00	0.01041	
20.00	20.00	0.00983	25.00	20.00	0.00899	

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
30.00	20.00	0.00828	40.00	20.00	0.00709	
50.00	20.00	0.00612	60.00	20.00	0.00533	
70.00	20.00	0.00467	80.00	20.00	0.00412	
90.00	20.00	0.00365	100.00	20.00	0.00326	
-100.00	30.00	0.00172	-90.00	30.00	0.00201	
-80.00	30.00	0.00235	-70.00	30.00	0.00278	
-60.00	30.00	0.00332	-50.00	30.00	0.00401	
-40.00	30.00	0.00493	-30.00	30.00	0.00618	
-25.00	30.00	0.00699	-20.00	30.00	0.00798	
-17.00	30.00	0.00869	-15.00	30.00	0.00922	
-13.00	30.00	0.00981	-11.00	30.00	0.01048	
-9.00	30.00	0.01126	9.00	30.00	0.01259	
11.00	30.00	0.01190	13.00	30.00	0.01134	
15.00	30.00	0.01087	17.00	30.00	0.01044	
20.00	30.00	0.00986	25.00	30.00	0.00902	
30.00	30.00	0.00830	40.00	30.00	0.00710	
50.00	30.00	0.00614	60.00	30.00	0.00534	
70.00	30.00	0.00468	80.00	30.00	0.00412	
90.00	30.00	0.00366	100.00	30.00	0.00326	
-100.00	40.00	0.00176	-90.00	40.00	0.00204	
-80.00	40.00	0.00239	-70.00	40.00	0.00281	
-60.00	40.00	0.00335	-50.00	40.00	0.00404	
-40.00	40.00	0.00496	-30.00	40.00	0.00621	
-25.00	40.00	0.00702	-20.00	40.00	0.00801	

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 North/South Bound Direction \*\*\*

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00872	-15.00	40.00	0.00925
-13.00	40.00	0.00983	-11.00	40.00	0.01051
-9.00	40.00	0.01130	9.00	40.00	0.01263
11.00	40.00	0.01194	13.00	40.00	0.01136
15.00	40.00	0.01088	17.00	40.00	0.01045
20.00	40.00	0.00988	25.00	40.00	0.00904
30.00	40.00	0.00831	40.00	40.00	0.00711
50.00	40.00	0.00614	60.00	40.00	0.00534
70.00	40.00	0.00468	80.00	40.00	0.00412
90.00	40.00	0.00365	100.00	40.00	0.00325

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-100.00	50.00	0.00178	-90.00	50.00	0.00207	
-80.00	50.00	0.00242	-70.00	50.00	0.00284	
-60.00	50.00	0.00338	-50.00	50.00	0.00408	
-40.00	50.00	0.00499	-30.00	50.00	0.00624	
-25.00	50.00	0.00705	-20.00	50.00	0.00804	
-17.00	50.00	0.00874	-15.00	50.00	0.00927	
-13.00	50.00	0.00986	-11.00	50.00	0.01053	
-9.00	50.00	0.01132	9.00	50.00	0.01262	
11.00	50.00	0.01196	13.00	50.00	0.01140	
15.00	50.00	0.01091	17.00	50.00	0.01048	
20.00	50.00	0.00989	25.00	50.00	0.00905	
30.00	50.00	0.00832	40.00	50.00	0.00712	
50.00	50.00	0.00615	60.00	50.00	0.00534	
70.00	50.00	0.00467	80.00	50.00	0.00411	
90.00	50.00	0.00364	100.00	50.00	0.00324	
-100.00	60.00	0.00181	-90.00	60.00	0.00209	
-80.00	60.00	0.00244	-70.00	60.00	0.00287	
-60.00	60.00	0.00341	-50.00	60.00	0.00410	
-40.00	60.00	0.00501	-30.00	60.00	0.00626	
-25.00	60.00	0.00707	-20.00	60.00	0.00806	
-17.00	60.00	0.00876	-15.00	60.00	0.00929	
-13.00	60.00	0.00988	-11.00	60.00	0.01056	
-9.00	60.00	0.01134	9.00	60.00	0.01260	
11.00	60.00	0.01195	13.00	60.00	0.01140	
15.00	60.00	0.01092	17.00	60.00	0.01048	
20.00	60.00	0.00990	25.00	60.00	0.00906	
30.00	60.00	0.00833	40.00	60.00	0.00712	
50.00	60.00	0.00614	60.00	60.00	0.00534	
70.00	60.00	0.00466	80.00	60.00	0.00410	
90.00	60.00	0.00363	100.00	60.00	0.00323	

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00183	-90.00	70.00	0.00212
-80.00	70.00	0.00246	-70.00	70.00	0.00289
-60.00	70.00	0.00343	-50.00	70.00	0.00412
-40.00	70.00	0.00503	-30.00	70.00	0.00628

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-25.00	70.00	0.00709	-20.00	70.00	0.00807	
-17.00	70.00	0.00878	-15.00	70.00	0.00931	
-13.00	70.00	0.00989	-11.00	70.00	0.01056	
-9.00	70.00	0.01134	9.00	70.00	0.01260	
11.00	70.00	0.01195	13.00	70.00	0.01140	
15.00	70.00	0.01092	17.00	70.00	0.01048	
20.00	70.00	0.00990	25.00	70.00	0.00906	
30.00	70.00	0.00833	40.00	70.00	0.00712	
50.00	70.00	0.00613	60.00	70.00	0.00532	
70.00	70.00	0.00465	80.00	70.00	0.00408	
90.00	70.00	0.00361	100.00	70.00	0.00321	
-100.00	80.00	0.00185	-90.00	80.00	0.00214	
-80.00	80.00	0.00249	-70.00	80.00	0.00291	
-60.00	80.00	0.00345	-50.00	80.00	0.00414	
-40.00	80.00	0.00505	-30.00	80.00	0.00629	
-25.00	80.00	0.00710	-20.00	80.00	0.00808	
-17.00	80.00	0.00878	-15.00	80.00	0.00931	
-13.00	80.00	0.00990	-11.00	80.00	0.01056	
-9.00	80.00	0.01134	9.00	80.00	0.01260	
11.00	80.00	0.01195	13.00	80.00	0.01140	
15.00	80.00	0.01091	17.00	80.00	0.01048	
20.00	80.00	0.00989	25.00	80.00	0.00905	
30.00	80.00	0.00832	40.00	80.00	0.00710	
50.00	80.00	0.00612	60.00	80.00	0.00530	
70.00	80.00	0.00462	80.00	80.00	0.00406	
90.00	80.00	0.00358	100.00	80.00	0.00318	
-100.00	90.00	0.00187	-90.00	90.00	0.00216	
-80.00	90.00	0.00250	-70.00	90.00	0.00293	
-60.00	90.00	0.00347	-50.00	90.00	0.00416	
-40.00	90.00	0.00506	-30.00	90.00	0.00630	
-25.00	90.00	0.00710	-20.00	90.00	0.00808	
-17.00	90.00	0.00878	-15.00	90.00	0.00931	
-13.00	90.00	0.00990	-11.00	90.00	0.01056	
-9.00	90.00	0.01134	9.00	90.00	0.01260	
11.00	90.00	0.01194	13.00	90.00	0.01139	
15.00	90.00	0.01090	17.00	90.00	0.01046	

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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



06NCRA\_SR01-300\_DPM\_TRAV\_ANN\_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00988	25.00	90.00	0.00903
30.00	90.00	0.00830	40.00	90.00	0.00708
50.00	90.00	0.00609	60.00	90.00	0.00527
70.00	90.00	0.00459	80.00	90.00	0.00403
90.00	90.00	0.00355	100.00	90.00	0.00315
-100.00	100.00	0.00189	-90.00	100.00	0.00217
-80.00	100.00	0.00252	-70.00	100.00	0.00294
-60.00	100.00	0.00348	-50.00	100.00	0.00417
-40.00	100.00	0.00507	-30.00	100.00	0.00630
-25.00	100.00	0.00710	-20.00	100.00	0.00808
-17.00	100.00	0.00877	-15.00	100.00	0.00930
-13.00	100.00	0.00989	-11.00	100.00	0.01055
-9.00	100.00	0.01133	9.00	100.00	0.01260
11.00	100.00	0.01193	13.00	100.00	0.01137
15.00	100.00	0.01089	17.00	100.00	0.01045
20.00	100.00	0.00986	25.00	100.00	0.00901
30.00	100.00	0.00828	40.00	100.00	0.00705
50.00	100.00	0.00606	60.00	100.00	0.00523
70.00	100.00	0.00455	80.00	100.00	0.00398
90.00	100.00	0.00351	100.00	100.00	0.00311
-100.00	110.00	0.00191	-90.00	110.00	0.00219
-80.00	110.00	0.00253	-70.00	110.00	0.00295
-60.00	110.00	0.00349	-50.00	110.00	0.00418
-40.00	110.00	0.00508	-30.00	110.00	0.00630
-25.00	110.00	0.00710	-20.00	110.00	0.00807
-17.00	110.00	0.00876	-15.00	110.00	0.00929
-13.00	110.00	0.00987	-11.00	110.00	0.01054
-9.00	110.00	0.01131	9.00	110.00	0.01258
11.00	110.00	0.01190	13.00	110.00	0.01135
15.00	110.00	0.01087	17.00	110.00	0.01043
20.00	110.00	0.00983	25.00	110.00	0.00897
30.00	110.00	0.00824	40.00	110.00	0.00701
50.00	110.00	0.00601	60.00	110.00	0.00518
70.00	110.00	0.00450	80.00	110.00	0.00393
90.00	110.00	0.00346	100.00	110.00	0.00306
-100.00	120.00	0.00192	-90.00	120.00	0.00220
-80.00	120.00	0.00254	-70.00	120.00	0.00296
-60.00	120.00	0.00350	-50.00	120.00	0.00418
-40.00	120.00	0.00508	-30.00	120.00	0.00630
-25.00	120.00	0.00709	-20.00	120.00	0.00805

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:21:03

\*\*MODELOPTs:  
PAGE 137  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00875	-15.00	120.00	0.00927
-13.00	120.00	0.00985	-11.00	120.00	0.01051
-9.00	120.00	0.01129	9.00	120.00	0.01257
11.00	120.00	0.01187	13.00	120.00	0.01131
15.00	120.00	0.01083	17.00	120.00	0.01039
20.00	120.00	0.00979	25.00	120.00	0.00893
30.00	120.00	0.00819	40.00	120.00	0.00695
50.00	120.00	0.00595	60.00	120.00	0.00512
70.00	120.00	0.00444	80.00	120.00	0.00387
90.00	120.00	0.00340	100.00	120.00	0.00300
-100.00	130.00	0.00194	-90.00	130.00	0.00221
-80.00	130.00	0.00255	-70.00	130.00	0.00297
-60.00	130.00	0.00350	-50.00	130.00	0.00418
-40.00	130.00	0.00507	-30.00	130.00	0.00628
-25.00	130.00	0.00707	-20.00	130.00	0.00803
-17.00	130.00	0.00872	-15.00	130.00	0.00924
-13.00	130.00	0.00981	-11.00	130.00	0.01048
-9.00	130.00	0.01126	9.00	130.00	0.01254
11.00	130.00	0.01185	13.00	130.00	0.01126
15.00	130.00	0.01077	17.00	130.00	0.01033
20.00	130.00	0.00974	25.00	130.00	0.00887
30.00	130.00	0.00812	40.00	130.00	0.00688
50.00	130.00	0.00587	60.00	130.00	0.00504
70.00	130.00	0.00436	80.00	130.00	0.00379
90.00	130.00	0.00333	100.00	130.00	0.00294
-100.00	140.00	0.00195	-90.00	140.00	0.00223
-80.00	140.00	0.00256	-70.00	140.00	0.00297
-60.00	140.00	0.00349	-50.00	140.00	0.00417
-40.00	140.00	0.00506	-30.00	140.00	0.00626
-25.00	140.00	0.00705	-20.00	140.00	0.00800
-17.00	140.00	0.00868	-15.00	140.00	0.00920
-13.00	140.00	0.00977	-11.00	140.00	0.01044
-9.00	140.00	0.01121	9.00	140.00	0.01245
11.00	140.00	0.01178	13.00	140.00	0.01121
15.00	140.00	0.01071	17.00	140.00	0.01027
20.00	140.00	0.00967	25.00	140.00	0.00879

		06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound			
30.00	140.00	0.00804	40.00	140.00	0.00678
50.00	140.00	0.00577	60.00	140.00	0.00494
70.00	140.00	0.00426	80.00	140.00	0.00371
90.00	140.00	0.00325	100.00	140.00	0.00287

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

18:21:03  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00196	-90.00	150.00	0.00223
-80.00	150.00	0.00257	-70.00	150.00	0.00298
-60.00	150.00	0.00349	-50.00	150.00	0.00416
-40.00	150.00	0.00504	-30.00	150.00	0.00624
-25.00	150.00	0.00702	-20.00	150.00	0.00796
-17.00	150.00	0.00864	-15.00	150.00	0.00915
-13.00	150.00	0.00973	-11.00	150.00	0.01039
-9.00	150.00	0.01116	9.00	150.00	0.01234
11.00	150.00	0.01168	13.00	150.00	0.01112
15.00	150.00	0.01062	17.00	150.00	0.01018
20.00	150.00	0.00957	25.00	150.00	0.00869
30.00	150.00	0.00793	40.00	150.00	0.00666
50.00	150.00	0.00565	60.00	150.00	0.00482
70.00	150.00	0.00415	80.00	150.00	0.00360
90.00	150.00	0.00316	100.00	150.00	0.00279
-100.00	160.00	0.00196	-90.00	160.00	0.00224
-80.00	160.00	0.00257	-70.00	160.00	0.00298
-60.00	160.00	0.00349	-50.00	160.00	0.00415
-40.00	160.00	0.00502	-30.00	160.00	0.00621
-25.00	160.00	0.00698	-20.00	160.00	0.00792
-17.00	160.00	0.00859	-15.00	160.00	0.00910
-13.00	160.00	0.00966	-11.00	160.00	0.01031
-9.00	160.00	0.01107	9.00	160.00	0.01223
11.00	160.00	0.01156	13.00	160.00	0.01100
15.00	160.00	0.01050	17.00	160.00	0.01005
20.00	160.00	0.00944	25.00	160.00	0.00855
30.00	160.00	0.00778	40.00	160.00	0.00651
50.00	160.00	0.00549	60.00	160.00	0.00468
70.00	160.00	0.00402	80.00	160.00	0.00349
90.00	160.00	0.00306	100.00	160.00	0.00271

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
-100.00	170.00	0.00196	-90.00	170.00	0.00223	
-80.00	170.00	0.00257	-70.00	170.00	0.00298	
-60.00	170.00	0.00349	-50.00	170.00	0.00413	
-40.00	170.00	0.00499	-30.00	170.00	0.00617	
-25.00	170.00	0.00693	-20.00	170.00	0.00786	
-17.00	170.00	0.00852	-15.00	170.00	0.00902	
-13.00	170.00	0.00958	-11.00	170.00	0.01022	
-9.00	170.00	0.01097	9.00	170.00	0.01209	
11.00	170.00	0.01142	13.00	170.00	0.01085	
15.00	170.00	0.01034	17.00	170.00	0.00988	

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

18:21:03  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3      **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	170.00	0.00926	25.00	170.00	0.00837	
30.00	170.00	0.00759	40.00	170.00	0.00631	
50.00	170.00	0.00530	60.00	170.00	0.00451	
70.00	170.00	0.00388	80.00	170.00	0.00337	
90.00	170.00	0.00296	100.00	170.00	0.00262	
-100.00	180.00	0.00196	-90.00	180.00	0.00223	
-80.00	180.00	0.00256	-70.00	180.00	0.00297	
-60.00	180.00	0.00347	-50.00	180.00	0.00412	
-40.00	180.00	0.00496	-30.00	180.00	0.00612	
-25.00	180.00	0.00687	-20.00	180.00	0.00779	
-17.00	180.00	0.00844	-15.00	180.00	0.00894	
-13.00	180.00	0.00949	-11.00	180.00	0.01012	
-9.00	180.00	0.01086	9.00	180.00	0.01192	
11.00	180.00	0.01123	13.00	180.00	0.01065	
15.00	180.00	0.01013	17.00	180.00	0.00966	
20.00	180.00	0.00903	25.00	180.00	0.00812	
30.00	180.00	0.00733	40.00	180.00	0.00606	
50.00	180.00	0.00508	60.00	180.00	0.00432	
70.00	180.00	0.00372	80.00	180.00	0.00324	
90.00	180.00	0.00286	100.00	180.00	0.00254	
-100.00	190.00	0.00196	-90.00	190.00	0.00222	
-80.00	190.00	0.00255	-70.00	190.00	0.00295	
-60.00	190.00	0.00345	-50.00	190.00	0.00410	
-40.00	190.00	0.00494	-30.00	190.00	0.00607	

06NCRA SR01-300_DPM_TRAV_ANN_N-S Bound						
-25.00	190.00	0.00681	-20.00	190.00	0.00771	
-17.00	190.00	0.00835	-15.00	190.00	0.00884	
-13.00	190.00	0.00938	-11.00	190.00	0.01000	
-9.00	190.00	0.01073	9.00	190.00	0.01168	
11.00	190.00	0.01097	13.00	190.00	0.01037	
15.00	190.00	0.00984	17.00	190.00	0.00936	
20.00	190.00	0.00871	25.00	190.00	0.00778	
30.00	190.00	0.00699	40.00	190.00	0.00575	
50.00	190.00	0.00483	60.00	190.00	0.00412	
70.00	190.00	0.00356	80.00	190.00	0.00312	
90.00	190.00	0.00275	100.00	190.00	0.00245	
-100.00	200.00	0.00195	-90.00	200.00	0.00222	
-80.00	200.00	0.00254	-70.00	200.00	0.00293	
-60.00	200.00	0.00342	-50.00	200.00	0.00406	
-40.00	200.00	0.00489	-30.00	200.00	0.00602	
-25.00	200.00	0.00675	-20.00	200.00	0.00762	

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

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 \*\*MODELOPTs:  
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CONC                                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00825	-15.00	200.00	0.00873
-13.00	200.00	0.00926	-11.00	200.00	0.00986
-9.00	200.00	0.01057	9.00	200.00	0.01134
11.00	200.00	0.01058	13.00	200.00	0.00996
15.00	200.00	0.00942	17.00	200.00	0.00892
20.00	200.00	0.00825	25.00	200.00	0.00732
30.00	200.00	0.00657	40.00	200.00	0.00542
50.00	200.00	0.00457	60.00	200.00	0.00392
70.00	200.00	0.00340	80.00	200.00	0.00298
90.00	200.00	0.00264	100.00	200.00	0.00236
-100.00	210.00	0.00194	-90.00	210.00	0.00221
-80.00	210.00	0.00252	-70.00	210.00	0.00291
-60.00	210.00	0.00340	-50.00	210.00	0.00402
-40.00	210.00	0.00484	-30.00	210.00	0.00595
-25.00	210.00	0.00667	-20.00	210.00	0.00755
-17.00	210.00	0.00816	-15.00	210.00	0.00862
-13.00	210.00	0.00913	-11.00	210.00	0.00972
-9.00	210.00	0.01041	9.00	210.00	0.01079

06NCRA_SR01-300_DPM_TRAV_ANN_N-S Bound						
11.00	210.00	0.00999	13.00	210.00	0.00934	
15.00	210.00	0.00879	17.00	210.00	0.00830	
20.00	210.00	0.00767	25.00	210.00	0.00681	
30.00	210.00	0.00613	40.00	210.00	0.00509	
50.00	210.00	0.00432	60.00	210.00	0.00372	
70.00	210.00	0.00324	80.00	210.00	0.00285	
90.00	210.00	0.00253	100.00	210.00	0.00227	
-100.00	220.00	0.00193	-90.00	220.00	0.00219	
-80.00	220.00	0.00250	-70.00	220.00	0.00288	
-60.00	220.00	0.00336	-50.00	220.00	0.00397	
-40.00	220.00	0.00478	-30.00	220.00	0.00587	
-25.00	220.00	0.00658	-20.00	220.00	0.00744	
-17.00	220.00	0.00805	-15.00	220.00	0.00850	
-13.00	220.00	0.00900	-11.00	220.00	0.00957	
-9.00	220.00	0.01024	9.00	220.00	0.00986	
11.00	220.00	0.00912	13.00	220.00	0.00851	
15.00	220.00	0.00803	17.00	220.00	0.00761	
20.00	220.00	0.00707	25.00	220.00	0.00631	
30.00	220.00	0.00570	40.00	220.00	0.00477	
50.00	220.00	0.00407	60.00	220.00	0.00352	
70.00	220.00	0.00308	80.00	220.00	0.00272	
90.00	220.00	0.00243	100.00	220.00	0.00218	

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

18:21:03  
 \*\*MODELOPTs:  
 PAGE 141  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00192	-90.00	230.00	0.00217
-80.00	230.00	0.00247	-70.00	230.00	0.00285
-60.00	230.00	0.00331	-50.00	230.00	0.00391
-40.00	230.00	0.00470	-30.00	230.00	0.00577
-25.00	230.00	0.00646	-20.00	230.00	0.00730
-17.00	230.00	0.00789	-15.00	230.00	0.00832
-13.00	230.00	0.00881	-11.00	230.00	0.00934
-9.00	230.00	0.00993	9.00	230.00	0.00864
11.00	230.00	0.00814	13.00	230.00	0.00769
15.00	230.00	0.00729	17.00	230.00	0.00693
20.00	230.00	0.00646	25.00	230.00	0.00581
30.00	230.00	0.00527	40.00	230.00	0.00444

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50.00	230.00	0.00381	60.00	230.00	0.00331
70.00	230.00	0.00291	80.00	230.00	0.00259
90.00	230.00	0.00231	100.00	230.00	0.00209
-100.00	240.00	0.00191	-90.00	240.00	0.00215
-80.00	240.00	0.00245	-70.00	240.00	0.00282
-60.00	240.00	0.00328	-50.00	240.00	0.00386
-40.00	240.00	0.00462	-30.00	240.00	0.00565
-25.00	240.00	0.00629	-20.00	240.00	0.00703
-17.00	240.00	0.00752	-15.00	240.00	0.00785
-13.00	240.00	0.00818	-11.00	240.00	0.00849
-9.00	240.00	0.00876	9.00	240.00	0.00724
11.00	240.00	0.00691	13.00	240.00	0.00660
15.00	240.00	0.00633	17.00	240.00	0.00607
20.00	240.00	0.00573	25.00	240.00	0.00522
30.00	240.00	0.00478	40.00	240.00	0.00407
50.00	240.00	0.00353	60.00	240.00	0.00309
70.00	240.00	0.00274	80.00	240.00	0.00244
90.00	240.00	0.00219	100.00	240.00	0.00199
-100.00	250.00	0.00190	-90.00	250.00	0.00214
-80.00	250.00	0.00243	-70.00	250.00	0.00279
-60.00	250.00	0.00323	-50.00	250.00	0.00378
-40.00	250.00	0.00449	-30.00	250.00	0.00539
-25.00	250.00	0.00591	-20.00	250.00	0.00644
-17.00	250.00	0.00674	-15.00	250.00	0.00692
-13.00	250.00	0.00709	-11.00	250.00	0.00723
-9.00	250.00	0.00736	9.00	250.00	0.00613
11.00	250.00	0.00588	13.00	250.00	0.00566
15.00	250.00	0.00545	17.00	250.00	0.00525

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

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URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00499	25.00	250.00	0.00460
30.00	250.00	0.00426	40.00	250.00	0.00370
50.00	250.00	0.00324	60.00	250.00	0.00287
70.00	250.00	0.00256	80.00	250.00	0.00230
90.00	250.00	0.00207	100.00	250.00	0.00189

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00801 AT ( 9.00, 200.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00789 AT ( 9.00, 190.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00784 AT ( 9.00, 210.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00755 AT ( 9.00, 180.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00733 AT ( 11.00, 200.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00732 AT ( -9.00, 230.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00731 AT ( -9.00, 220.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00727 AT ( 11.00, 190.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00723 AT ( 9.00, 220.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00711 AT ( 11.00, 210.00, 0.00, 1.20)	DC	NA	
NCRA_S2	1ST HIGHEST VALUE IS 0.00801 AT ( 9.00, 110.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00789 AT ( 9.00, 100.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00784 AT ( 9.00, 120.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00755 AT ( 9.00, 90.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00733 AT ( 11.00, 110.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00732 AT ( -9.00, 140.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00731 AT ( -9.00, 130.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00727 AT ( 11.00, 100.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00723 AT ( 9.00, 130.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00711 AT ( 11.00, 120.00, 0.00, 1.20)	DC	NA	
NCRA_S3	1ST HIGHEST VALUE IS 0.00801 AT ( 9.00, 20.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00789 AT ( 9.00, 10.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00784 AT ( 9.00, 30.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00755 AT ( 9.00, 0.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00733 AT ( 11.00, 20.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00732 AT ( -9.00, 50.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00731 AT ( -9.00, 40.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00727 AT ( 11.00, 10.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00723 AT ( 9.00, 40.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00711 AT ( 11.00, 30.00, 0.00, 1.20)	DC	NA	

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

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

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00801 AT ( 9.00, -70.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00789 AT ( 9.00, -80.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00784 AT ( 9.00, -60.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00755 AT ( 9.00, -90.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00733 AT ( 11.00, -70.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00732 AT ( -9.00, -40.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00731 AT ( -9.00, -50.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00727 AT ( 11.00, -80.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00723 AT ( 9.00, -50.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00711 AT ( 11.00, -60.00, 0.00, 1.20)	DC	NA	
NCRA_S5	1ST HIGHEST VALUE IS 0.00801 AT ( 9.00, -160.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00789 AT ( 9.00, -170.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00784 AT ( 9.00, -150.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00755 AT ( 9.00, -180.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00733 AT ( 11.00, -160.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00732 AT ( -9.00, -130.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00731 AT ( -9.00, -140.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00727 AT ( 11.00, -170.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00723 AT ( 9.00, -140.00, 0.00, 1.20)	DC	NA	



		06NCRA SR01-300_DPM_TRAV_ANN_N-S Bound								
	10TH HIGHEST VALUE IS	0.00711	AT (	11.00,	-150.00,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.01263	AT (	9.00,	40.00,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.01262	AT (	9.00,	50.00,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.01260	AT (	9.00,	70.00,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.01260	AT (	9.00,	90.00,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.01260	AT (	9.00,	80.00,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.01260	AT (	9.00,	60.00,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.01260	AT (	9.00,	100.00,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.01259	AT (	9.00,	30.00,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.01258	AT (	9.00,	110.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.01257	AT (	9.00,	120.00,	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 \*\*\*  
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 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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

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

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

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

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

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