```
1                    ISCST3 - (DATED 02035)

                    ISCST3x      VERSION  4.4.3
             (C) COPYRIGHT 1991-2006, Trinity Consultants

 Run Began on  4/20/2008 at 16:18:59

 ** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\01NCRA_NAPA94-300_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
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RE DISCCART  -90.0  -250.0  1.2
RE DISCCART  -80.0  -250.0  1.2
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RE DISCCART  -17.0  -240.0  1.2
RE DISCCART  -15.0  -240.0  1.2
RE DISCCART  -13.0  -240.0  1.2
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RE DISCCART  -30.0  -210.0  1.2
RE DISCCART  -25.0  -210.0  1.2
RE DISCCART  -20.0  -210.0  1.2
RE DISCCART  -17.0  -210.0  1.2
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RE DISCCART  11.0  -210.0  1.2
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RE DISCCART  40.0  -200.0  1.2
RE DISCCART  50.0  -200.0  1.2
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RE DISCCART  -25.0  -180.0  1.2
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RE DISCCART  17.0  -180.0  1.2
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RE DISCCART  11.0  -140.0  1.2
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RE DISCCART  20.0  -140.0  1.2
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```

```
RE DISCCART  -90.0  160.0  1.2
RE DISCCART  -80.0  160.0  1.2
RE DISCCART  -70.0  160.0  1.2
RE DISCCART  -60.0  160.0  1.2
RE DISCCART  -50.0  160.0  1.2
RE DISCCART  -40.0  160.0  1.2
RE DISCCART  -30.0  160.0  1.2
RE DISCCART  -25.0  160.0  1.2
RE DISCCART  -20.0  160.0  1.2
RE DISCCART  -17.0  160.0  1.2
RE DISCCART  -15.0  160.0  1.2
RE DISCCART  -13.0  160.0  1.2
RE DISCCART  -11.0  160.0  1.2
RE DISCCART  -9.0  160.0  1.2
RE DISCCART  9.0  160.0  1.2
RE DISCCART  11.0  160.0  1.2
RE DISCCART  13.0  160.0  1.2
RE DISCCART  15.0  160.0  1.2
RE DISCCART  17.0  160.0  1.2
RE DISCCART  20.0  160.0  1.2
RE DISCCART  25.0  160.0  1.2
RE DISCCART  30.0  160.0  1.2
RE DISCCART  40.0  160.0  1.2
RE DISCCART  50.0  160.0  1.2
RE DISCCART  60.0  160.0  1.2
RE DISCCART  70.0  160.0  1.2
RE DISCCART  80.0  160.0  1.2
RE DISCCART  90.0  160.0  1.2
RE DISCCART  100.0  160.0  1.2
RE DISCCART  -100.0  170.0  1.2
RE DISCCART  -90.0  170.0  1.2
RE DISCCART  -80.0  170.0  1.2
RE DISCCART  -70.0  170.0  1.2
RE DISCCART  -60.0  170.0  1.2
RE DISCCART  -50.0  170.0  1.2
RE DISCCART  -40.0  170.0  1.2
RE DISCCART  -30.0  170.0  1.2
RE DISCCART  -25.0  170.0  1.2
RE DISCCART  -20.0  170.0  1.2
RE DISCCART  -17.0  170.0  1.2
RE DISCCART  -15.0  170.0  1.2
RE DISCCART  -13.0  170.0  1.2
RE DISCCART  -11.0  170.0  1.2
RE DISCCART  -9.0  170.0  1.2
```

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RE DISCCART  9.0  170.0  1.2
RE DISCCART  11.0  170.0  1.2
RE DISCCART  13.0  170.0  1.2
RE DISCCART  15.0  170.0  1.2
RE DISCCART  17.0  170.0  1.2
RE DISCCART  20.0  170.0  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
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
RE DISCCART  80.0  180.0  1.2
RE DISCCART  90.0  180.0  1.2
```

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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
RE DISCCART  -60.0  190.0  1.2
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RE DISCCART  -40.0  190.0  1.2
RE DISCCART  -30.0  190.0  1.2
RE DISCCART  -25.0  190.0  1.2
RE DISCCART  -20.0  190.0  1.2
RE DISCCART  -17.0  190.0  1.2
RE DISCCART  -15.0  190.0  1.2
RE DISCCART  -13.0  190.0  1.2
RE DISCCART  -11.0  190.0  1.2
RE DISCCART  -9.0  190.0  1.2
RE DISCCART  9.0  190.0  1.2
RE DISCCART  11.0  190.0  1.2
RE DISCCART  13.0  190.0  1.2
RE DISCCART  15.0  190.0  1.2
RE DISCCART  17.0  190.0  1.2
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RE DISCCART  25.0  190.0  1.2
RE DISCCART  30.0  190.0  1.2
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RE DISCCART  50.0  190.0  1.2
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RE DISCCART  -80.0  200.0  1.2
RE DISCCART  -70.0  200.0  1.2
RE DISCCART  -60.0  200.0  1.2
RE DISCCART  -50.0  200.0  1.2
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
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RE DISCCART  -11.0  200.0  1.2
RE DISCCART  -9.0  200.0  1.2
RE DISCCART  9.0  200.0  1.2
RE DISCCART  11.0  200.0  1.2
RE DISCCART  13.0  200.0  1.2
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RE DISCCART  -70.0  210.0  1.2
RE DISCCART  -60.0  210.0  1.2
RE DISCCART  -50.0  210.0  1.2
RE DISCCART  -40.0  210.0  1.2
RE DISCCART  -30.0  210.0  1.2
RE DISCCART  -25.0  210.0  1.2
RE DISCCART  -20.0  210.0  1.2
RE DISCCART  -17.0  210.0  1.2
RE DISCCART  -15.0  210.0  1.2
RE DISCCART  -13.0  210.0  1.2
RE DISCCART  -11.0  210.0  1.2
RE DISCCART  -9.0  210.0  1.2
RE DISCCART  9.0  210.0  1.2
RE DISCCART  11.0  210.0  1.2
RE DISCCART  13.0  210.0  1.2
RE DISCCART  15.0  210.0  1.2
RE DISCCART  17.0  210.0  1.2
RE DISCCART  20.0  210.0  1.2
RE DISCCART  25.0  210.0  1.2
RE DISCCART  30.0  210.0  1.2
RE DISCCART  40.0  210.0  1.2
RE DISCCART  50.0  210.0  1.2
RE DISCCART  60.0  210.0  1.2
RE DISCCART  70.0  210.0  1.2
```

```
RE DISCCART  80.0  210.0  1.2
RE DISCCART  90.0  210.0  1.2
RE DISCCART  100.0  210.0  1.2
RE DISCCART  -100.0  220.0  1.2
RE DISCCART  -90.0  220.0  1.2
RE DISCCART  -80.0  220.0  1.2
RE DISCCART  -70.0  220.0  1.2
RE DISCCART  -60.0  220.0  1.2
RE DISCCART  -50.0  220.0  1.2
RE DISCCART  -40.0  220.0  1.2
RE DISCCART  -30.0  220.0  1.2
RE DISCCART  -25.0  220.0  1.2
RE DISCCART  -20.0  220.0  1.2
RE DISCCART  -17.0  220.0  1.2
RE DISCCART  -15.0  220.0  1.2
RE DISCCART  -13.0  220.0  1.2
RE DISCCART  -11.0  220.0  1.2
RE DISCCART  -9.0  220.0  1.2
RE DISCCART  9.0  220.0  1.2
RE DISCCART  11.0  220.0  1.2
RE DISCCART  13.0  220.0  1.2
RE DISCCART  15.0  220.0  1.2
RE DISCCART  17.0  220.0  1.2
RE DISCCART  20.0  220.0  1.2
RE DISCCART  25.0  220.0  1.2
RE DISCCART  30.0  220.0  1.2
RE DISCCART  40.0  220.0  1.2
RE DISCCART  50.0  220.0  1.2
RE DISCCART  60.0  220.0  1.2
RE DISCCART  70.0  220.0  1.2
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RE DISCCART  -70.0  230.0  1.2
RE DISCCART  -60.0  230.0  1.2
RE DISCCART  -50.0  230.0  1.2
RE DISCCART  -40.0  230.0  1.2
RE DISCCART  -30.0  230.0  1.2
RE DISCCART  -25.0  230.0  1.2
RE DISCCART  -20.0  230.0  1.2
RE DISCCART  -17.0  230.0  1.2
```

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RE DISCCART  -15.0  230.0  1.2
RE DISCCART  -13.0  230.0  1.2
RE DISCCART  -11.0  230.0  1.2
RE DISCCART  -9.0  230.0  1.2
RE DISCCART  9.0  230.0  1.2
RE DISCCART  11.0  230.0  1.2
RE DISCCART  13.0  230.0  1.2
RE DISCCART  15.0  230.0  1.2
RE DISCCART  17.0  230.0  1.2
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RE DISCCART  30.0  230.0  1.2
RE DISCCART  40.0  230.0  1.2
RE DISCCART  50.0  230.0  1.2
RE DISCCART  60.0  230.0  1.2
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RE DISCCART  -70.0  240.0  1.2
RE DISCCART  -60.0  240.0  1.2
RE DISCCART  -50.0  240.0  1.2
RE DISCCART  -40.0  240.0  1.2
RE DISCCART  -30.0  240.0  1.2
RE DISCCART  -25.0  240.0  1.2
RE DISCCART  -20.0  240.0  1.2
RE DISCCART  -17.0  240.0  1.2
RE DISCCART  -15.0  240.0  1.2
RE DISCCART  -13.0  240.0  1.2
RE DISCCART  -11.0  240.0  1.2
RE DISCCART  -9.0  240.0  1.2
RE DISCCART  9.0  240.0  1.2
RE DISCCART  11.0  240.0  1.2
RE DISCCART  13.0  240.0  1.2
RE DISCCART  15.0  240.0  1.2
RE DISCCART  17.0  240.0  1.2
RE DISCCART  20.0  240.0  1.2
RE DISCCART  25.0  240.0  1.2
RE DISCCART  30.0  240.0  1.2
RE DISCCART  40.0  240.0  1.2
RE DISCCART  50.0  240.0  1.2
```

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

ME STARTING
ME INPUTFIL  "C:\NCRA\Modeling\Met Data\Napa\NAP94300.ASC"
ME ANEMHGHT  10  METERS
ME SURFDATA  4901  1994
ME UAIRDATA  4901  1994
ME STARTEND  1994  01  01  1  1994  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\Napa\01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound.lst"

 ** RAWFILE  "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\01NCRA_NAPA94-300_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                                  ***
       04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction         ***
       16:18:59
 **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\NAPA\01NCRA~1.DAT
```

```
 **Output Print File:             C:\NCRA\MODELING\DPMRIS~1\TRAVEL~1\NAPA\\01NCRA~1.LST

1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
       04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction            ***
       16:18:59
 **MODELOPTs:
       PAGE   2
 CONC                    URBAN FLAT  FLGPOL DFAULT
```

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
NCRA_S1	0	0.21100E-07	-4.5	135.0	0.0	4.95	9.00	90.00	0.00	2.30	
NCRA_S2	0	0.21100E-07	-4.5	45.0	0.0	4.95	9.00	90.00	0.00	2.30	
NCRA_S3	0	0.21100E-07	-4.5	-45.0	0.0	4.95	9.00	90.00	0.00	2.30	
NCRA_S4	0	0.21100E-07	-4.5	-135.0	0.0	4.95	9.00	90.00	0.00	2.30	
NCRA_S5	0	0.21100E-07	-4.5	-225.0	0.0	4.95	9.00	90.00	0.00	2.30	

```
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
       04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction            ***
       16:18:59
 **MODELOPTs:
       PAGE   3
 CONC                    URBAN FLAT  FLGPOL DFAULT
```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

```
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
       04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction            ***
       16:18:59
 **MODELOPTs:
       PAGE   4
 CONC                    URBAN FLAT  FLGPOL DFAULT
```

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

```
     (   -100.0,    -250.0,       0.0,       1.2);          (    -90.0,    -250.0,       0.0,       1.2);

     (    -80.0,    -250.0,       0.0,       1.2);          (    -70.0,    -250.0,       0.0,       1.2);

     (    -60.0,    -250.0,       0.0,       1.2);          (    -50.0,    -250.0,       0.0,       1.2);
```

```
(    -40.0,    -250.0,       0.0,       1.2);          (    -30.0,    -250.0,       0.0,       1.2);
(    -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);
```

*** 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);

     (     20.0,    -200.0,       0.0,       1.2);          (     25.0,    -200.0,       0.0,       1.2);

     (     30.0,    -200.0,       0.0,       1.2);          (     40.0,    -200.0,       0.0,       1.2);

     (     50.0,    -200.0,       0.0,       1.2);          (     60.0,    -200.0,       0.0,       1.2);

     (     70.0,    -200.0,       0.0,       1.2);          (     80.0,    -200.0,       0.0,       1.2);

     (     90.0,    -200.0,       0.0,       1.2);          (    100.0,    -200.0,       0.0,       1.2);

1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                        ***
       04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction                ***
       16:18:59
 **MODELOPTs:
       PAGE   6
 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);
(    -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);
```



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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);
(     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 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction           ***
      16:18:59
 **MODELOPTs:
      PAGE   8
 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);
(    -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                                    ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction            ***
      16:18:59
 **MODELOPTs:
      PAGE   9
 CONC                    URBAN FLAT  FLGPOL DFAULT


                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZFLAG)
                                                      (METERS)
(   -100.0,    -100.0,       0.0,       1.2);          (    -90.0,    -100.0,       0.0,       1.2);
(    -80.0,    -100.0,       0.0,       1.2);          (    -70.0,    -100.0,       0.0,       1.2);
(    -60.0,    -100.0,       0.0,       1.2);          (    -50.0,    -100.0,       0.0,       1.2);
(    -40.0,    -100.0,       0.0,       1.2);          (    -30.0,    -100.0,       0.0,       1.2);
(    -25.0,    -100.0,       0.0,       1.2);          (    -20.0,    -100.0,       0.0,       1.2);
(    -17.0,    -100.0,       0.0,       1.2);          (    -15.0,    -100.0,       0.0,       1.2);
(    -13.0,    -100.0,       0.0,       1.2);          (    -11.0,    -100.0,       0.0,       1.2);
```

```
(     -9.0,    -100.0,       0.0,       1.2);          (      9.0,    -100.0,       0.0,       1.2);
(     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);
```


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

(-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);

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

1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                          ***
       04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction                  ***
       16:18:59
 **MODELOPTs:
       PAGE  11
 CONC                    URBAN FLAT  FLGPOL DFAULT


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

     (   -100.0,     -40.0,       0.0,       1.2);          (    -90.0,     -40.0,       0.0,       1.2);

     (    -80.0,     -40.0,       0.0,       1.2);          (    -70.0,     -40.0,       0.0,       1.2);

     (    -60.0,     -40.0,       0.0,       1.2);          (    -50.0,     -40.0,       0.0,       1.2);

     (    -40.0,     -40.0,       0.0,       1.2);          (    -30.0,     -40.0,       0.0,       1.2);

     (    -25.0,     -40.0,       0.0,       1.2);          (    -20.0,     -40.0,       0.0,       1.2);

     (    -17.0,     -40.0,       0.0,       1.2);          (    -15.0,     -40.0,       0.0,       1.2);

     (    -13.0,     -40.0,       0.0,       1.2);          (    -11.0,     -40.0,       0.0,       1.2);

     (     -9.0,     -40.0,       0.0,       1.2);          (      9.0,     -40.0,       0.0,       1.2);

     (     11.0,     -40.0,       0.0,       1.2);          (     13.0,     -40.0,       0.0,       1.2);

     (     15.0,     -40.0,       0.0,       1.2);          (     17.0,     -40.0,       0.0,       1.2);

     (     20.0,     -40.0,       0.0,       1.2);          (     25.0,     -40.0,       0.0,       1.2);

     (     30.0,     -40.0,       0.0,       1.2);          (     40.0,     -40.0,       0.0,       1.2);

     (     50.0,     -40.0,       0.0,       1.2);          (     60.0,     -40.0,       0.0,       1.2);

     (     70.0,     -40.0,       0.0,       1.2);          (     80.0,     -40.0,       0.0,       1.2);

     (     90.0,     -40.0,       0.0,       1.2);          (    100.0,     -40.0,       0.0,       1.2);

     (   -100.0,     -30.0,       0.0,       1.2);          (    -90.0,     -30.0,       0.0,       1.2);

     (    -80.0,     -30.0,       0.0,       1.2);          (    -70.0,     -30.0,       0.0,       1.2);

     (    -60.0,     -30.0,       0.0,       1.2);          (    -50.0,     -30.0,       0.0,       1.2);

     (    -40.0,     -30.0,       0.0,       1.2);          (    -30.0,     -30.0,       0.0,       1.2);

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

     (    -17.0,     -30.0,       0.0,       1.2);          (    -15.0,     -30.0,       0.0,       1.2);

     (    -13.0,     -30.0,       0.0,       1.2);          (    -11.0,     -30.0,       0.0,       1.2);

     (     -9.0,     -30.0,       0.0,       1.2);          (      9.0,     -30.0,       0.0,       1.2);

     (     11.0,     -30.0,       0.0,       1.2);          (     13.0,     -30.0,       0.0,       1.2);

     (     15.0,     -30.0,       0.0,       1.2);          (     17.0,     -30.0,       0.0,       1.2);

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

     (     30.0,     -30.0,       0.0,       1.2);          (     40.0,     -30.0,       0.0,       1.2);

     (     50.0,     -30.0,       0.0,       1.2);          (     60.0,     -30.0,       0.0,       1.2);

     (     70.0,     -30.0,       0.0,       1.2);          (     80.0,     -30.0,       0.0,       1.2);

     (     90.0,     -30.0,       0.0,       1.2);          (    100.0,     -30.0,       0.0,       1.2);

     (   -100.0,     -20.0,       0.0,       1.2);          (    -90.0,     -20.0,       0.0,       1.2);

     (    -80.0,     -20.0,       0.0,       1.2);          (    -70.0,     -20.0,       0.0,       1.2);

     (    -60.0,     -20.0,       0.0,       1.2);          (    -50.0,     -20.0,       0.0,       1.2);

     (    -40.0,     -20.0,       0.0,       1.2);          (    -30.0,     -20.0,       0.0,       1.2);

     (    -25.0,     -20.0,       0.0,       1.2);          (    -20.0,     -20.0,       0.0,       1.2);
```

```
(    -17.0,     -20.0,       0.0,       1.2);          (    -15.0,     -20.0,       0.0,       1.2);

(    -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 ***    ***  NCRA Cumulative DPM Impacts                                          ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction                  ***
      16:18:59
 **MODELOPTs:
      PAGE  12
 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);
(     70.0,       0.0,       0.0,       1.2);          (     80.0,       0.0,       0.0,       1.2);
(     90.0,       0.0,       0.0,       1.2);          (    100.0,       0.0,       0.0,       1.2);
(   -100.0,      10.0,       0.0,       1.2);          (    -90.0,      10.0,       0.0,       1.2);
(    -80.0,      10.0,       0.0,       1.2);          (    -70.0,      10.0,       0.0,       1.2);
(    -60.0,      10.0,       0.0,       1.2);          (    -50.0,      10.0,       0.0,       1.2);
(    -40.0,      10.0,       0.0,       1.2);          (    -30.0,      10.0,       0.0,       1.2);
(    -25.0,      10.0,       0.0,       1.2);          (    -20.0,      10.0,       0.0,       1.2);
(    -17.0,      10.0,       0.0,       1.2);          (    -15.0,      10.0,       0.0,       1.2);
(    -13.0,      10.0,       0.0,       1.2);          (    -11.0,      10.0,       0.0,       1.2);
(     -9.0,      10.0,       0.0,       1.2);          (      9.0,      10.0,       0.0,       1.2);
(     11.0,      10.0,       0.0,       1.2);          (     13.0,      10.0,       0.0,       1.2);
(     15.0,      10.0,       0.0,       1.2);          (     17.0,      10.0,       0.0,       1.2);
(     20.0,      10.0,       0.0,       1.2);          (     25.0,      10.0,       0.0,       1.2);
(     30.0,      10.0,       0.0,       1.2);          (     40.0,      10.0,       0.0,       1.2);
(     50.0,      10.0,       0.0,       1.2);          (     60.0,      10.0,       0.0,       1.2);
(     70.0,      10.0,       0.0,       1.2);          (     80.0,      10.0,       0.0,       1.2);
(     90.0,      10.0,       0.0,       1.2);          (    100.0,      10.0,       0.0,       1.2);
```

```
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction           ***
      16:18:59
 **MODELOPTs:
      PAGE  13
 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);
(    -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                                    ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction           ***
      16:18:59
 **MODELOPTs:
      PAGE  14
 CONC                    URBAN FLAT  FLGPOL DFAULT


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

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

```
(     30.0,      50.0,       0.0,       1.2);          (     40.0,      50.0,       0.0,       1.2);
(     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                                    ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction           ***
      16:18:59
 **MODELOPTs:
      PAGE  15
 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);
(    -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);
```

**MODELOPTs:
PAGE 16
CONC URBAN FLAT FLGPOL DFAULT

*** 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);

(     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 ***    ***  NCRA Cumulative DPM Impacts                                        ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction                ***
      16:18:59
 **MODELOPTs:
      PAGE  17
 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);
(    -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                                    ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction           ***
      16:18:59
 **MODELOPTs:
      PAGE  18
 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);
(     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 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction           ***
      16:18:59
 **MODELOPTs:
      PAGE  19
 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);
(    -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                                    ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction           ***
      16:18:59
 **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);
(     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);
```


CONC URBAN FLAT FLGPOL DFAULT

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

```
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1994 1 1 1
AND END DATE: 1994 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
       04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction           ***
       16:18:59
 **MODELOPTs:
       PAGE  22
 CONC                    URBAN FLAT  FLGPOL DFAULT
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*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: C:\NCRA\Modeling\Met Data\Napa\NAP94300.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 4901 UPPER AIR STATION NO.: 4901
NAME: UNKNOWN NAME: UNKNOWN

YEAR: 1994 YEAR: 1994

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
94	01	01	01	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00013	-90.00	-250.00	0.00013
-80.00	-250.00	0.00012	-70.00	-250.00	0.00012
-60.00	-250.00	0.00012	-50.00	-250.00	0.00011
-40.00	-250.00	0.00011	-30.00	-250.00	0.00011
-25.00	-250.00	0.00010	-20.00	-250.00	0.00010
-17.00	-250.00	0.00010	-15.00	-250.00	0.00010
-13.00	-250.00	0.00010	-11.00	-250.00	0.00010
-9.00	-250.00	0.00010	9.00	-250.00	0.00009
11.00	-250.00	0.00009	13.00	-250.00	0.00009
15.00	-250.00	0.00009	17.00	-250.00	0.00009
20.00	-250.00	0.00009	25.00	-250.00	0.00009
30.00	-250.00	0.00008	40.00	-250.00	0.00008
50.00	-250.00	0.00008	60.00	-250.00	0.00008
70.00	-250.00	0.00007	80.00	-250.00	0.00007
90.00	-250.00	0.00007	100.00	-250.00	0.00006
-100.00	-240.00	0.00014	-90.00	-240.00	0.00013
-80.00	-240.00	0.00013	-70.00	-240.00	0.00013

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00010	25.00	-230.00	0.00009
30.00	-230.00	0.00009	40.00	-230.00	0.00009
50.00	-230.00	0.00008	60.00	-230.00	0.00008
70.00	-230.00	0.00008	80.00	-230.00	0.00008
90.00	-230.00	0.00007	100.00	-230.00	0.00007
-100.00	-220.00	0.00015	-90.00	-220.00	0.00015
-80.00	-220.00	0.00014	-70.00	-220.00	0.00014
-60.00	-220.00	0.00014	-50.00	-220.00	0.00013
-40.00	-220.00	0.00013	-30.00	-220.00	0.00012
-25.00	-220.00	0.00012	-20.00	-220.00	0.00012
-17.00	-220.00	0.00012	-15.00	-220.00	0.00011

-13.00	-220.00	0.00011	-11.00	-220.00	0.00011
-9.00	-220.00	0.00011	9.00	-220.00	0.00010
11.00	-220.00	0.00010	13.00	-220.00	0.00010
15.00	-220.00	0.00010	17.00	-220.00	0.00010
20.00	-220.00	0.00010	25.00	-220.00	0.00010
30.00	-220.00	0.00010	40.00	-220.00	0.00009
50.00	-220.00	0.00009	60.00	-220.00	0.00008
70.00	-220.00	0.00008	80.00	-220.00	0.00008
90.00	-220.00	0.00007	100.00	-220.00	0.00007
-100.00	-210.00	0.00016	-90.00	-210.00	0.00015
-80.00	-210.00	0.00015	-70.00	-210.00	0.00015
-60.00	-210.00	0.00014	-50.00	-210.00	0.00014
-40.00	-210.00	0.00013	-30.00	-210.00	0.00013
-25.00	-210.00	0.00013	-20.00	-210.00	0.00012
-17.00	-210.00	0.00012	-15.00	-210.00	0.00012
-13.00	-210.00	0.00012	-11.00	-210.00	0.00012
-9.00	-210.00	0.00012	9.00	-210.00	0.00011
11.00	-210.00	0.00011	13.00	-210.00	0.00011
15.00	-210.00	0.00011	17.00	-210.00	0.00011
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	0.00009	60.00	-210.00	0.00009
70.00	-210.00	0.00008	80.00	-210.00	0.00008
90.00	-210.00	0.00008	100.00	-210.00	0.00007
-100.00	-200.00	0.00017	-90.00	-200.00	0.00016
-80.00	-200.00	0.00016	-70.00	-200.00	0.00015
-60.00	-200.00	0.00015	-50.00	-200.00	0.00014
-40.00	-200.00	0.00014	-30.00	-200.00	0.00013
-25.00	-200.00	0.00013	-20.00	-200.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00013	-15.00	-200.00	0.00013
-13.00	-200.00	0.00013	-11.00	-200.00	0.00012
-9.00	-200.00	0.00012	9.00	-200.00	0.00011
11.00	-200.00	0.00011	13.00	-200.00	0.00011
15.00	-200.00	0.00011	17.00	-200.00	0.00011

20.00	-200.00	0.00011	25.00	-200.00	0.00011
30.00	-200.00	0.00010	40.00	-200.00	0.00010
50.00	-200.00	0.00010	60.00	-200.00	0.00009
70.00	-200.00	0.00009	80.00	-200.00	0.00008
90.00	-200.00	0.00008	100.00	-200.00	0.00008
-100.00	-190.00	0.00018	-90.00	-190.00	0.00017
-80.00	-190.00	0.00017	-70.00	-190.00	0.00016
-60.00	-190.00	0.00016	-50.00	-190.00	0.00015
-40.00	-190.00	0.00015	-30.00	-190.00	0.00014
-25.00	-190.00	0.00014	-20.00	-190.00	0.00014
-17.00	-190.00	0.00013	-15.00	-190.00	0.00013
-13.00	-190.00	0.00013	-11.00	-190.00	0.00013
-9.00	-190.00	0.00013	9.00	-190.00	0.00012
11.00	-190.00	0.00012	13.00	-190.00	0.00012
15.00	-190.00	0.00012	17.00	-190.00	0.00012
20.00	-190.00	0.00011	25.00	-190.00	0.00011
30.00	-190.00	0.00011	40.00	-190.00	0.00010
50.00	-190.00	0.00010	60.00	-190.00	0.00010
70.00	-190.00	0.00009	80.00	-190.00	0.00009
90.00	-190.00	0.00008	100.00	-190.00	0.00008
-100.00	-180.00	0.00018	-90.00	-180.00	0.00018
-80.00	-180.00	0.00018	-70.00	-180.00	0.00017
-60.00	-180.00	0.00017	-50.00	-180.00	0.00016
-40.00	-180.00	0.00016	-30.00	-180.00	0.00015
-25.00	-180.00	0.00015	-20.00	-180.00	0.00014
-17.00	-180.00	0.00014	-15.00	-180.00	0.00014
-13.00	-180.00	0.00014	-11.00	-180.00	0.00014
-9.00	-180.00	0.00014	9.00	-180.00	0.00013
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	0.00011	40.00	-180.00	0.00011
50.00	-180.00	0.00010	60.00	-180.00	0.00010
70.00	-180.00	0.00010	80.00	-180.00	0.00009
90.00	-180.00	0.00009	100.00	-180.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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
-100.00	-170.00	0.00020	-90.00	-170.00	0.00019
-80.00	-170.00	0.00019	-70.00	-170.00	0.00018
-60.00	-170.00	0.00018	-50.00	-170.00	0.00017
-40.00	-170.00	0.00016	-30.00	-170.00	0.00016
-25.00	-170.00	0.00015	-20.00	-170.00	0.00015
-17.00	-170.00	0.00015	-15.00	-170.00	0.00015
-13.00	-170.00	0.00015	-11.00	-170.00	0.00015
-9.00	-170.00	0.00014	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	0.00012
30.00	-170.00	0.00012	40.00	-170.00	0.00011
50.00	-170.00	0.00011	60.00	-170.00	0.00010
70.00	-170.00	0.00010	80.00	-170.00	0.00009
90.00	-170.00	0.00009	100.00	-170.00	0.00008
-100.00	-160.00	0.00021	-90.00	-160.00	0.00020
-80.00	-160.00	0.00020	-70.00	-160.00	0.00019
-60.00	-160.00	0.00019	-50.00	-160.00	0.00018
-40.00	-160.00	0.00017	-30.00	-160.00	0.00017
-25.00	-160.00	0.00016	-20.00	-160.00	0.00016
-17.00	-160.00	0.00016	-15.00	-160.00	0.00016
-13.00	-160.00	0.00016	-11.00	-160.00	0.00015
-9.00	-160.00	0.00015	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	0.00013
20.00	-160.00	0.00013	25.00	-160.00	0.00013
30.00	-160.00	0.00013	40.00	-160.00	0.00012
50.00	-160.00	0.00011	60.00	-160.00	0.00011
70.00	-160.00	0.00010	80.00	-160.00	0.00010
90.00	-160.00	0.00009	100.00	-160.00	0.00009
-100.00	-150.00	0.00022	-90.00	-150.00	0.00022
-80.00	-150.00	0.00021	-70.00	-150.00	0.00021
-60.00	-150.00	0.00020	-50.00	-150.00	0.00019
-40.00	-150.00	0.00019	-30.00	-150.00	0.00018
-25.00	-150.00	0.00017	-20.00	-150.00	0.00017
-17.00	-150.00	0.00017	-15.00	-150.00	0.00017
-13.00	-150.00	0.00016	-11.00	-150.00	0.00016
-9.00	-150.00	0.00016	9.00	-150.00	0.00015
11.00	-150.00	0.00015	13.00	-150.00	0.00014
15.00	-150.00	0.00014	17.00	-150.00	0.00014

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

-60.00	-120.00	0.00024	-50.00	-120.00	0.00023
-40.00	-120.00	0.00022	-30.00	-120.00	0.00021
-25.00	-120.00	0.00021	-20.00	-120.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 28
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	0.00020	-15.00	-120.00	0.00020
-13.00	-120.00	0.00020	-11.00	-120.00	0.00019
-9.00	-120.00	0.00019	9.00	-120.00	0.00017
11.00	-120.00	0.00017	13.00	-120.00	0.00017
15.00	-120.00	0.00017	17.00	-120.00	0.00017
20.00	-120.00	0.00016	25.00	-120.00	0.00016
30.00	-120.00	0.00016	40.00	-120.00	0.00015
50.00	-120.00	0.00014	60.00	-120.00	0.00013
70.00	-120.00	0.00012	80.00	-120.00	0.00012
90.00	-120.00	0.00011	100.00	-120.00	0.00010
-100.00	-110.00	0.00028	-90.00	-110.00	0.00028
-80.00	-110.00	0.00027	-70.00	-110.00	0.00027
-60.00	-110.00	0.00026	-50.00	-110.00	0.00025
-40.00	-110.00	0.00024	-30.00	-110.00	0.00023
-25.00	-110.00	0.00022	-20.00	-110.00	0.00022
-17.00	-110.00	0.00021	-15.00	-110.00	0.00021
-13.00	-110.00	0.00021	-11.00	-110.00	0.00021
-9.00	-110.00	0.00021	9.00	-110.00	0.00019
11.00	-110.00	0.00018	13.00	-110.00	0.00018
15.00	-110.00	0.00018	17.00	-110.00	0.00018
20.00	-110.00	0.00017	25.00	-110.00	0.00017
30.00	-110.00	0.00016	40.00	-110.00	0.00016
50.00	-110.00	0.00015	60.00	-110.00	0.00014
70.00	-110.00	0.00013	80.00	-110.00	0.00012
90.00	-110.00	0.00011	100.00	-110.00	0.00010
-100.00	-100.00	0.00030	-90.00	-100.00	0.00030
-80.00	-100.00	0.00029	-70.00	-100.00	0.00029
-60.00	-100.00	0.00028	-50.00	-100.00	0.00027
-40.00	-100.00	0.00026	-30.00	-100.00	0.00025
-25.00	-100.00	0.00024	-20.00	-100.00	0.00023
-17.00	-100.00	0.00023	-15.00	-100.00	0.00023

-13.00	-100.00	0.00022	-11.00	-100.00	0.00022
-9.00	-100.00	0.00022	9.00	-100.00	0.00020
11.00	-100.00	0.00020	13.00	-100.00	0.00019
15.00	-100.00	0.00019	17.00	-100.00	0.00019
20.00	-100.00	0.00019	25.00	-100.00	0.00018
30.00	-100.00	0.00017	40.00	-100.00	0.00016
50.00	-100.00	0.00016	60.00	-100.00	0.00015
70.00	-100.00	0.00014	80.00	-100.00	0.00013
90.00	-100.00	0.00012	100.00	-100.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 29
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00032	-90.00	-90.00	0.00032
-80.00	-90.00	0.00032	-70.00	-90.00	0.00031
-60.00	-90.00	0.00030	-50.00	-90.00	0.00029
-40.00	-90.00	0.00028	-30.00	-90.00	0.00027
-25.00	-90.00	0.00026	-20.00	-90.00	0.00025
-17.00	-90.00	0.00025	-15.00	-90.00	0.00024
-13.00	-90.00	0.00024	-11.00	-90.00	0.00024
-9.00	-90.00	0.00024	9.00	-90.00	0.00021
11.00	-90.00	0.00021	13.00	-90.00	0.00021
15.00	-90.00	0.00020	17.00	-90.00	0.00020
20.00	-90.00	0.00020	25.00	-90.00	0.00019
30.00	-90.00	0.00019	40.00	-90.00	0.00017
50.00	-90.00	0.00016	60.00	-90.00	0.00015
70.00	-90.00	0.00014	80.00	-90.00	0.00013
90.00	-90.00	0.00012	100.00	-90.00	0.00011
-100.00	-80.00	0.00034	-90.00	-80.00	0.00034
-80.00	-80.00	0.00034	-70.00	-80.00	0.00033
-60.00	-80.00	0.00033	-50.00	-80.00	0.00031
-40.00	-80.00	0.00030	-30.00	-80.00	0.00029
-25.00	-80.00	0.00028	-20.00	-80.00	0.00027
-17.00	-80.00	0.00027	-15.00	-80.00	0.00026
-13.00	-80.00	0.00026	-11.00	-80.00	0.00026
-9.00	-80.00	0.00025	9.00	-80.00	0.00023
11.00	-80.00	0.00022	13.00	-80.00	0.00022
15.00	-80.00	0.00022	17.00	-80.00	0.00021

20.00	-80.00	0.00021	25.00	-80.00	0.00020
30.00	-80.00	0.00020	40.00	-80.00	0.00019
50.00	-80.00	0.00017	60.00	-80.00	0.00016
70.00	-80.00	0.00015	80.00	-80.00	0.00014
90.00	-80.00	0.00012	100.00	-80.00	0.00011
-100.00	-70.00	0.00036	-90.00	-70.00	0.00037
-80.00	-70.00	0.00037	-70.00	-70.00	0.00036
-60.00	-70.00	0.00035	-50.00	-70.00	0.00034
-40.00	-70.00	0.00033	-30.00	-70.00	0.00031
-25.00	-70.00	0.00030	-20.00	-70.00	0.00029
-17.00	-70.00	0.00029	-15.00	-70.00	0.00028
-13.00	-70.00	0.00028	-11.00	-70.00	0.00028
-9.00	-70.00	0.00027	9.00	-70.00	0.00024
11.00	-70.00	0.00024	13.00	-70.00	0.00024
15.00	-70.00	0.00023	17.00	-70.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 30
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00023	25.00	-70.00	0.00022
30.00	-70.00	0.00021	40.00	-70.00	0.00020
50.00	-70.00	0.00018	60.00	-70.00	0.00017
70.00	-70.00	0.00016	80.00	-70.00	0.00014
90.00	-70.00	0.00013	100.00	-70.00	0.00012
-100.00	-60.00	0.00039	-90.00	-60.00	0.00039
-80.00	-60.00	0.00040	-70.00	-60.00	0.00039
-60.00	-60.00	0.00038	-50.00	-60.00	0.00037
-40.00	-60.00	0.00035	-30.00	-60.00	0.00034
-25.00	-60.00	0.00033	-20.00	-60.00	0.00032
-17.00	-60.00	0.00031	-15.00	-60.00	0.00031
-13.00	-60.00	0.00030	-11.00	-60.00	0.00030
-9.00	-60.00	0.00030	9.00	-60.00	0.00026
11.00	-60.00	0.00026	13.00	-60.00	0.00025
15.00	-60.00	0.00025	17.00	-60.00	0.00025
20.00	-60.00	0.00024	25.00	-60.00	0.00023
30.00	-60.00	0.00023	40.00	-60.00	0.00021
50.00	-60.00	0.00019	60.00	-60.00	0.00018
70.00	-60.00	0.00016	80.00	-60.00	0.00015

90.00	-60.00	0.00014	100.00	-60.00	0.00012
-100.00	-50.00	0.00041	-90.00	-50.00	0.00042
-80.00	-50.00	0.00043	-70.00	-50.00	0.00043
-60.00	-50.00	0.00042	-50.00	-50.00	0.00041
-40.00	-50.00	0.00039	-30.00	-50.00	0.00037
-25.00	-50.00	0.00036	-20.00	-50.00	0.00035
-17.00	-50.00	0.00034	-15.00	-50.00	0.00033
-13.00	-50.00	0.00033	-11.00	-50.00	0.00033
-9.00	-50.00	0.00032	9.00	-50.00	0.00028
11.00	-50.00	0.00028	13.00	-50.00	0.00027
15.00	-50.00	0.00027	17.00	-50.00	0.00027
20.00	-50.00	0.00026	25.00	-50.00	0.00025
30.00	-50.00	0.00024	40.00	-50.00	0.00022
50.00	-50.00	0.00021	60.00	-50.00	0.00019
70.00	-50.00	0.00017	80.00	-50.00	0.00016
90.00	-50.00	0.00014	100.00	-50.00	0.00013
-100.00	-40.00	0.00044	-90.00	-40.00	0.00046
-80.00	-40.00	0.00046	-70.00	-40.00	0.00046
-60.00	-40.00	0.00046	-50.00	-40.00	0.00044
-40.00	-40.00	0.00042	-30.00	-40.00	0.00040
-25.00	-40.00	0.00039	-20.00	-40.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 31
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00037	-15.00	-40.00	0.00036
-13.00	-40.00	0.00036	-11.00	-40.00	0.00035
-9.00	-40.00	0.00035	9.00	-40.00	0.00030
11.00	-40.00	0.00030	13.00	-40.00	0.00030
15.00	-40.00	0.00029	17.00	-40.00	0.00029
20.00	-40.00	0.00028	25.00	-40.00	0.00027
30.00	-40.00	0.00026	40.00	-40.00	0.00024
50.00	-40.00	0.00022	60.00	-40.00	0.00020
70.00	-40.00	0.00018	80.00	-40.00	0.00016
90.00	-40.00	0.00015	100.00	-40.00	0.00013
-100.00	-30.00	0.00048	-90.00	-30.00	0.00049
-80.00	-30.00	0.00050	-70.00	-30.00	0.00051
-60.00	-30.00	0.00050	-50.00	-30.00	0.00049

-40.00	-30.00	0.00047	-30.00	-30.00	0.00044
-25.00	-30.00	0.00043	-20.00	-30.00	0.00041
-17.00	-30.00	0.00041	-15.00	-30.00	0.00040
-13.00	-30.00	0.00039	-11.00	-30.00	0.00039
-9.00	-30.00	0.00038	9.00	-30.00	0.00033
11.00	-30.00	0.00033	13.00	-30.00	0.00032
15.00	-30.00	0.00032	17.00	-30.00	0.00031
20.00	-30.00	0.00030	25.00	-30.00	0.00029
30.00	-30.00	0.00028	40.00	-30.00	0.00026
50.00	-30.00	0.00023	60.00	-30.00	0.00021
70.00	-30.00	0.00019	80.00	-30.00	0.00017
90.00	-30.00	0.00015	100.00	-30.00	0.00014
-100.00	-20.00	0.00051	-90.00	-20.00	0.00053
-80.00	-20.00	0.00054	-70.00	-20.00	0.00055
-60.00	-20.00	0.00055	-50.00	-20.00	0.00054
-40.00	-20.00	0.00052	-30.00	-20.00	0.00049
-25.00	-20.00	0.00047	-20.00	-20.00	0.00046
-17.00	-20.00	0.00045	-15.00	-20.00	0.00044
-13.00	-20.00	0.00043	-11.00	-20.00	0.00043
-9.00	-20.00	0.00042	9.00	-20.00	0.00036
11.00	-20.00	0.00036	13.00	-20.00	0.00035
15.00	-20.00	0.00034	17.00	-20.00	0.00034
20.00	-20.00	0.00033	25.00	-20.00	0.00032
30.00	-20.00	0.00030	40.00	-20.00	0.00028
50.00	-20.00	0.00025	60.00	-20.00	0.00022
70.00	-20.00	0.00020	80.00	-20.00	0.00018
90.00	-20.00	0.00016	100.00	-20.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 32
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00055	-90.00	-10.00	0.00057
-80.00	-10.00	0.00059	-70.00	-10.00	0.00060
-60.00	-10.00	0.00061	-50.00	-10.00	0.00060
-40.00	-10.00	0.00058	-30.00	-10.00	0.00054
-25.00	-10.00	0.00053	-20.00	-10.00	0.00051
-17.00	-10.00	0.00050	-15.00	-10.00	0.00049
-13.00	-10.00	0.00048	-11.00	-10.00	0.00047

-9.00	-10.00	0.00046	9.00	-10.00	0.00040
11.00	-10.00	0.00039	13.00	-10.00	0.00038
15.00	-10.00	0.00038	17.00	-10.00	0.00037
20.00	-10.00	0.00036	25.00	-10.00	0.00034
30.00	-10.00	0.00033	40.00	-10.00	0.00030
50.00	-10.00	0.00027	60.00	-10.00	0.00024
70.00	-10.00	0.00021	80.00	-10.00	0.00019
90.00	-10.00	0.00017	100.00	-10.00	0.00015
-100.00	0.00	0.00059	-90.00	0.00	0.00062
-80.00	0.00	0.00064	-70.00	0.00	0.00066
-60.00	0.00	0.00067	-50.00	0.00	0.00067
-40.00	0.00	0.00064	-30.00	0.00	0.00061
-25.00	0.00	0.00059	-20.00	0.00	0.00057
-17.00	0.00	0.00055	-15.00	0.00	0.00054
-13.00	0.00	0.00053	-11.00	0.00	0.00053
-9.00	0.00	0.00052	9.00	0.00	0.00044
11.00	0.00	0.00043	13.00	0.00	0.00042
15.00	0.00	0.00041	17.00	0.00	0.00040
20.00	0.00	0.00039	25.00	0.00	0.00037
30.00	0.00	0.00036	40.00	0.00	0.00032
50.00	0.00	0.00028	60.00	0.00	0.00025
70.00	0.00	0.00022	80.00	0.00	0.00020
90.00	0.00	0.00018	100.00	0.00	0.00016
-100.00	10.00	0.00063	-90.00	10.00	0.00067
-80.00	10.00	0.00070	-70.00	10.00	0.00073
-60.00	10.00	0.00074	-50.00	10.00	0.00074
-40.00	10.00	0.00072	-30.00	10.00	0.00068
-25.00	10.00	0.00066	-20.00	10.00	0.00064
-17.00	10.00	0.00062	-15.00	10.00	0.00061
-13.00	10.00	0.00060	-11.00	10.00	0.00059
-9.00	10.00	0.00058	9.00	10.00	0.00048
11.00	10.00	0.00047	13.00	10.00	0.00046
15.00	10.00	0.00045	17.00	10.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 33
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00043	25.00	10.00	0.00041

30.00	10.00	0.00039	40.00	10.00	0.00035
50.00	10.00	0.00030	60.00	10.00	0.00027
70.00	10.00	0.00023	80.00	10.00	0.00021
90.00	10.00	0.00019	100.00	10.00	0.00017
-100.00	20.00	0.00068	-90.00	20.00	0.00072
-80.00	20.00	0.00077	-70.00	20.00	0.00080
-60.00	20.00	0.00083	-50.00	20.00	0.00083
-40.00	20.00	0.00082	-30.00	20.00	0.00078
-25.00	20.00	0.00075	-20.00	20.00	0.00072
-17.00	20.00	0.00070	-15.00	20.00	0.00069
-13.00	20.00	0.00068	-11.00	20.00	0.00066
-9.00	20.00	0.00065	9.00	20.00	0.00054
11.00	20.00	0.00052	13.00	20.00	0.00051
15.00	20.00	0.00050	17.00	20.00	0.00049
20.00	20.00	0.00048	25.00	20.00	0.00045
30.00	20.00	0.00042	40.00	20.00	0.00037
50.00	20.00	0.00032	60.00	20.00	0.00028
70.00	20.00	0.00025	80.00	20.00	0.00022
90.00	20.00	0.00020	100.00	20.00	0.00018
-100.00	30.00	0.00073	-90.00	30.00	0.00078
-80.00	30.00	0.00084	-70.00	30.00	0.00088
-60.00	30.00	0.00092	-50.00	30.00	0.00094
-40.00	30.00	0.00093	-30.00	30.00	0.00089
-25.00	30.00	0.00086	-20.00	30.00	0.00082
-17.00	30.00	0.00080	-15.00	30.00	0.00078
-13.00	30.00	0.00077	-11.00	30.00	0.00075
-9.00	30.00	0.00074	9.00	30.00	0.00060
11.00	30.00	0.00059	13.00	30.00	0.00057
15.00	30.00	0.00056	17.00	30.00	0.00055
20.00	30.00	0.00053	25.00	30.00	0.00050
30.00	30.00	0.00047	40.00	30.00	0.00040
50.00	30.00	0.00035	60.00	30.00	0.00030
70.00	30.00	0.00026	80.00	30.00	0.00023
90.00	30.00	0.00021	100.00	30.00	0.00019
-100.00	40.00	0.00079	-90.00	40.00	0.00085
-80.00	40.00	0.00091	-70.00	40.00	0.00097
-60.00	40.00	0.00102	-50.00	40.00	0.00106
-40.00	40.00	0.00106	-30.00	40.00	0.00102
-25.00	40.00	0.00099	-20.00	40.00	0.00095

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1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                    ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction           ***
      16:18:59
 **MODELOPTs:
      PAGE  34
 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	0.00092	-15.00	40.00	0.00090
-13.00	40.00	0.00088	-11.00	40.00	0.00086
-9.00	40.00	0.00084	9.00	40.00	0.00067
11.00	40.00	0.00066	13.00	40.00	0.00064
15.00	40.00	0.00063	17.00	40.00	0.00061
20.00	40.00	0.00059	25.00	40.00	0.00055
30.00	40.00	0.00051	40.00	40.00	0.00044
50.00	40.00	0.00037	60.00	40.00	0.00032
70.00	40.00	0.00028	80.00	40.00	0.00025
90.00	40.00	0.00022	100.00	40.00	0.00020
-100.00	50.00	0.00084	-90.00	50.00	0.00092
-80.00	50.00	0.00099	-70.00	50.00	0.00107
-60.00	50.00	0.00114	-50.00	50.00	0.00120
-40.00	50.00	0.00122	-30.00	50.00	0.00119
-25.00	50.00	0.00115	-20.00	50.00	0.00110
-17.00	50.00	0.00107	-15.00	50.00	0.00105
-13.00	50.00	0.00102	-11.00	50.00	0.00100
-9.00	50.00	0.00097	9.00	50.00	0.00076
11.00	50.00	0.00074	13.00	50.00	0.00072
15.00	50.00	0.00070	17.00	50.00	0.00069
20.00	50.00	0.00066	25.00	50.00	0.00061
30.00	50.00	0.00056	40.00	50.00	0.00047
50.00	50.00	0.00040	60.00	50.00	0.00034
70.00	50.00	0.00030	80.00	50.00	0.00027
90.00	50.00	0.00024	100.00	50.00	0.00021
-100.00	60.00	0.00090	-90.00	60.00	0.00099
-80.00	60.00	0.00108	-70.00	60.00	0.00118
-60.00	60.00	0.00127	-50.00	60.00	0.00135
-40.00	60.00	0.00140	-30.00	60.00	0.00139
-25.00	60.00	0.00135	-20.00	60.00	0.00130
-17.00	60.00	0.00126	-15.00	60.00	0.00123
-13.00	60.00	0.00120	-11.00	60.00	0.00117
-9.00	60.00	0.00114	9.00	60.00	0.00087
11.00	60.00	0.00085	13.00	60.00	0.00082
15.00	60.00	0.00080	17.00	60.00	0.00077
20.00	60.00	0.00074	25.00	60.00	0.00067
30.00	60.00	0.00062	40.00	60.00	0.00051
50.00	60.00	0.00043	60.00	60.00	0.00037
70.00	60.00	0.00032	80.00	60.00	0.00028

90.00	60.00	0.00025	100.00	60.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00095	-90.00	70.00	0.00106
-80.00	70.00	0.00117	-70.00	70.00	0.00129
-60.00	70.00	0.00142	-50.00	70.00	0.00153
-40.00	70.00	0.00161	-30.00	70.00	0.00163
-25.00	70.00	0.00160	-20.00	70.00	0.00154
-17.00	70.00	0.00150	-15.00	70.00	0.00146
-13.00	70.00	0.00143	-11.00	70.00	0.00139
-9.00	70.00	0.00135	9.00	70.00	0.00100
11.00	70.00	0.00097	13.00	70.00	0.00094
15.00	70.00	0.00091	17.00	70.00	0.00087
20.00	70.00	0.00083	25.00	70.00	0.00075
30.00	70.00	0.00068	40.00	70.00	0.00055
50.00	70.00	0.00046	60.00	70.00	0.00040
70.00	70.00	0.00034	80.00	70.00	0.00030
90.00	70.00	0.00026	100.00	70.00	0.00022
-100.00	80.00	0.00100	-90.00	80.00	0.00112
-80.00	80.00	0.00126	-70.00	80.00	0.00141
-60.00	80.00	0.00157	-50.00	80.00	0.00173
-40.00	80.00	0.00186	-30.00	80.00	0.00192
-25.00	80.00	0.00191	-20.00	80.00	0.00186
-17.00	80.00	0.00181	-15.00	80.00	0.00177
-13.00	80.00	0.00172	-11.00	80.00	0.00167
-9.00	80.00	0.00162	9.00	80.00	0.00116
11.00	80.00	0.00112	13.00	80.00	0.00108
15.00	80.00	0.00103	17.00	80.00	0.00099
20.00	80.00	0.00093	25.00	80.00	0.00083
30.00	80.00	0.00074	40.00	80.00	0.00060
50.00	80.00	0.00050	60.00	80.00	0.00042
70.00	80.00	0.00036	80.00	80.00	0.00031
90.00	80.00	0.00027	100.00	80.00	0.00023
-100.00	90.00	0.00105	-90.00	90.00	0.00119
-80.00	90.00	0.00135	-70.00	90.00	0.00153
-60.00	90.00	0.00173	-50.00	90.00	0.00194

-40.00	90.00	0.00214	-30.00	90.00	0.00227
-25.00	90.00	0.00229	-20.00	90.00	0.00225
-17.00	90.00	0.00220	-15.00	90.00	0.00216
-13.00	90.00	0.00210	-11.00	90.00	0.00204
-9.00	90.00	0.00198	9.00	90.00	0.00135
11.00	90.00	0.00129	13.00	90.00	0.00123
15.00	90.00	0.00118	17.00	90.00	0.00112

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 36
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00104	25.00	90.00	0.00091
30.00	90.00	0.00081	40.00	90.00	0.00065
50.00	90.00	0.00054	60.00	90.00	0.00045
70.00	90.00	0.00038	80.00	90.00	0.00032
90.00	90.00	0.00027	100.00	90.00	0.00023
-100.00	100.00	0.00108	-90.00	100.00	0.00124
-80.00	100.00	0.00143	-70.00	100.00	0.00164
-60.00	100.00	0.00189	-50.00	100.00	0.00216
-40.00	100.00	0.00244	-30.00	100.00	0.00266
-25.00	100.00	0.00273	-20.00	100.00	0.00274
-17.00	100.00	0.00271	-15.00	100.00	0.00267
-13.00	100.00	0.00261	-11.00	100.00	0.00254
-9.00	100.00	0.00245	9.00	100.00	0.00158
11.00	100.00	0.00149	13.00	100.00	0.00141
15.00	100.00	0.00133	17.00	100.00	0.00125
20.00	100.00	0.00115	25.00	100.00	0.00101
30.00	100.00	0.00089	40.00	100.00	0.00071
50.00	100.00	0.00057	60.00	100.00	0.00047
70.00	100.00	0.00039	80.00	100.00	0.00033
90.00	100.00	0.00028	100.00	100.00	0.00024
-100.00	110.00	0.00110	-90.00	110.00	0.00128
-80.00	110.00	0.00149	-70.00	110.00	0.00173
-60.00	110.00	0.00203	-50.00	110.00	0.00236
-40.00	110.00	0.00273	-30.00	110.00	0.00309
-25.00	110.00	0.00323	-20.00	110.00	0.00331
-17.00	110.00	0.00332	-15.00	110.00	0.00330
-13.00	110.00	0.00326	-11.00	110.00	0.00319

-9.00	110.00	0.00310	9.00	110.00	0.00182
11.00	110.00	0.00170	13.00	110.00	0.00159
15.00	110.00	0.00149	17.00	110.00	0.00140
20.00	110.00	0.00127	25.00	110.00	0.00110
30.00	110.00	0.00096	40.00	110.00	0.00075
50.00	110.00	0.00060	60.00	110.00	0.00049
70.00	110.00	0.00041	80.00	110.00	0.00034
90.00	110.00	0.00028	100.00	110.00	0.00024
-100.00	120.00	0.00111	-90.00	120.00	0.00129
-80.00	120.00	0.00152	-70.00	120.00	0.00179
-60.00	120.00	0.00213	-50.00	120.00	0.00252
-40.00	120.00	0.00299	-30.00	120.00	0.00348
-25.00	120.00	0.00372	-20.00	120.00	0.00392

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00401	-15.00	120.00	0.00405
-13.00	120.00	0.00406	-11.00	120.00	0.00404
-9.00	120.00	0.00396	9.00	120.00	0.00208
11.00	120.00	0.00192	13.00	120.00	0.00177
15.00	120.00	0.00165	17.00	120.00	0.00154
20.00	120.00	0.00139	25.00	120.00	0.00119
30.00	120.00	0.00103	40.00	120.00	0.00079
50.00	120.00	0.00063	60.00	120.00	0.00051
70.00	120.00	0.00042	80.00	120.00	0.00035
90.00	120.00	0.00029	100.00	120.00	0.00024
-100.00	130.00	0.00109	-90.00	130.00	0.00129
-80.00	130.00	0.00152	-70.00	130.00	0.00181
-60.00	130.00	0.00217	-50.00	130.00	0.00261
-40.00	130.00	0.00315	-30.00	130.00	0.00376
-25.00	130.00	0.00409	-20.00	130.00	0.00443
-17.00	130.00	0.00462	-15.00	130.00	0.00475
-13.00	130.00	0.00487	-11.00	130.00	0.00499
-9.00	130.00	0.00510	9.00	130.00	0.00233
11.00	130.00	0.00212	13.00	130.00	0.00194
15.00	130.00	0.00179	17.00	130.00	0.00165
20.00	130.00	0.00149	25.00	130.00	0.00126

30.00	130.00	0.00109	40.00	130.00	0.00083
50.00	130.00	0.00066	60.00	130.00	0.00053
70.00	130.00	0.00043	80.00	130.00	0.00036
90.00	130.00	0.00030	100.00	130.00	0.00025
-100.00	140.00	0.00106	-90.00	140.00	0.00126
-80.00	140.00	0.00149	-70.00	140.00	0.00179
-60.00	140.00	0.00216	-50.00	140.00	0.00263
-40.00	140.00	0.00320	-30.00	140.00	0.00387
-25.00	140.00	0.00425	-20.00	140.00	0.00465
-17.00	140.00	0.00490	-15.00	140.00	0.00508
-13.00	140.00	0.00526	-11.00	140.00	0.00548
-9.00	140.00	0.00575	9.00	140.00	0.00275
11.00	140.00	0.00244	13.00	140.00	0.00220
15.00	140.00	0.00201	17.00	140.00	0.00185
20.00	140.00	0.00165	25.00	140.00	0.00139
30.00	140.00	0.00118	40.00	140.00	0.00090
50.00	140.00	0.00070	60.00	140.00	0.00056
70.00	140.00	0.00045	80.00	140.00	0.00037
90.00	140.00	0.00031	100.00	140.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 38
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00102	-90.00	150.00	0.00120
-80.00	150.00	0.00143	-70.00	150.00	0.00173
-60.00	150.00	0.00209	-50.00	150.00	0.00255
-40.00	150.00	0.00312	-30.00	150.00	0.00381
-25.00	150.00	0.00421	-20.00	150.00	0.00465
-17.00	150.00	0.00494	-15.00	150.00	0.00515
-13.00	150.00	0.00538	-11.00	150.00	0.00567
-9.00	150.00	0.00607	9.00	150.00	0.00375
11.00	150.00	0.00323	13.00	150.00	0.00284
15.00	150.00	0.00254	17.00	150.00	0.00229
20.00	150.00	0.00199	25.00	150.00	0.00162
30.00	150.00	0.00136	40.00	150.00	0.00100
50.00	150.00	0.00077	60.00	150.00	0.00060
70.00	150.00	0.00048	80.00	150.00	0.00039
90.00	150.00	0.00032	100.00	150.00	0.00027

-100.00	160.00	0.00095	-90.00	160.00	0.00112
-80.00	160.00	0.00134	-70.00	160.00	0.00161
-60.00	160.00	0.00196	-50.00	160.00	0.00241
-40.00	160.00	0.00297	-30.00	160.00	0.00368
-25.00	160.00	0.00411	-20.00	160.00	0.00460
-17.00	160.00	0.00495	-15.00	160.00	0.00523
-13.00	160.00	0.00556	-11.00	160.00	0.00597
-9.00	160.00	0.00656	9.00	160.00	0.00470
11.00	160.00	0.00405	13.00	160.00	0.00356
15.00	160.00	0.00316	17.00	160.00	0.00282
20.00	160.00	0.00242	25.00	160.00	0.00194
30.00	160.00	0.00159	40.00	160.00	0.00114
50.00	160.00	0.00085	60.00	160.00	0.00066
70.00	160.00	0.00052	80.00	160.00	0.00042
90.00	160.00	0.00035	100.00	160.00	0.00029
-100.00	170.00	0.00087	-90.00	170.00	0.00103
-80.00	170.00	0.00123	-70.00	170.00	0.00148
-60.00	170.00	0.00180	-50.00	170.00	0.00223
-40.00	170.00	0.00278	-30.00	170.00	0.00349
-25.00	170.00	0.00395	-20.00	170.00	0.00452
-17.00	170.00	0.00495	-15.00	170.00	0.00531
-13.00	170.00	0.00574	-11.00	170.00	0.00628
-9.00	170.00	0.00700	9.00	170.00	0.00540
11.00	170.00	0.00469	13.00	170.00	0.00414
15.00	170.00	0.00368	17.00	170.00	0.00330

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 39
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00284	25.00	170.00	0.00226
30.00	170.00	0.00184	40.00	170.00	0.00129
50.00	170.00	0.00094	60.00	170.00	0.00072
70.00	170.00	0.00056	80.00	170.00	0.00045
90.00	170.00	0.00037	100.00	170.00	0.00031
-100.00	180.00	0.00079	-90.00	180.00	0.00093
-80.00	180.00	0.00110	-70.00	180.00	0.00133
-60.00	180.00	0.00163	-50.00	180.00	0.00202
-40.00	180.00	0.00253	-30.00	180.00	0.00324

-25.00	180.00	0.00373	-20.00	180.00	0.00436
-17.00	180.00	0.00487	-15.00	180.00	0.00529
-13.00	180.00	0.00581	-11.00	180.00	0.00644
-9.00	180.00	0.00725	9.00	180.00	0.00589
11.00	180.00	0.00514	13.00	180.00	0.00456
15.00	180.00	0.00408	17.00	180.00	0.00367
20.00	180.00	0.00318	25.00	180.00	0.00254
30.00	180.00	0.00207	40.00	180.00	0.00144
50.00	180.00	0.00104	60.00	180.00	0.00079
70.00	180.00	0.00061	80.00	180.00	0.00049
90.00	180.00	0.00040	100.00	180.00	0.00034
-100.00	190.00	0.00070	-90.00	190.00	0.00082
-80.00	190.00	0.00098	-70.00	190.00	0.00118
-60.00	190.00	0.00144	-50.00	190.00	0.00178
-40.00	190.00	0.00225	-30.00	190.00	0.00293
-25.00	190.00	0.00342	-20.00	190.00	0.00410
-17.00	190.00	0.00465	-15.00	190.00	0.00512
-13.00	190.00	0.00568	-11.00	190.00	0.00638
-9.00	190.00	0.00725	9.00	190.00	0.00619
11.00	190.00	0.00543	13.00	190.00	0.00484
15.00	190.00	0.00436	17.00	190.00	0.00394
20.00	190.00	0.00343	25.00	190.00	0.00277
30.00	190.00	0.00227	40.00	190.00	0.00158
50.00	190.00	0.00115	60.00	190.00	0.00087
70.00	190.00	0.00067	80.00	190.00	0.00054
90.00	190.00	0.00044	100.00	190.00	0.00036
-100.00	200.00	0.00063	-90.00	200.00	0.00073
-80.00	200.00	0.00086	-70.00	200.00	0.00103
-60.00	200.00	0.00125	-50.00	200.00	0.00154
-40.00	200.00	0.00195	-30.00	200.00	0.00257
-25.00	200.00	0.00304	-20.00	200.00	0.00371

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 40
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00427	-15.00	200.00	0.00475
-13.00	200.00	0.00533	-11.00	200.00	0.00605
-9.00	200.00	0.00697	9.00	200.00	0.00634

11.00	200.00	0.00559	13.00	200.00	0.00501
15.00	200.00	0.00454	17.00	200.00	0.00413
20.00	200.00	0.00361	25.00	200.00	0.00293
30.00	200.00	0.00242	40.00	200.00	0.00170
50.00	200.00	0.00125	60.00	200.00	0.00094
70.00	200.00	0.00073	80.00	200.00	0.00058
90.00	200.00	0.00047	100.00	200.00	0.00039
-100.00	210.00	0.00056	-90.00	210.00	0.00065
-80.00	210.00	0.00076	-70.00	210.00	0.00090
-60.00	210.00	0.00108	-50.00	210.00	0.00132
-40.00	210.00	0.00166	-30.00	210.00	0.00220
-25.00	210.00	0.00261	-20.00	210.00	0.00323
-17.00	210.00	0.00375	-15.00	210.00	0.00420
-13.00	210.00	0.00476	-11.00	210.00	0.00545
-9.00	210.00	0.00636	9.00	210.00	0.00638
11.00	210.00	0.00566	13.00	210.00	0.00509
15.00	210.00	0.00463	17.00	210.00	0.00423
20.00	210.00	0.00372	25.00	210.00	0.00305
30.00	210.00	0.00254	40.00	210.00	0.00182
50.00	210.00	0.00134	60.00	210.00	0.00102
70.00	210.00	0.00079	80.00	210.00	0.00063
90.00	210.00	0.00051	100.00	210.00	0.00042
-100.00	220.00	0.00050	-90.00	220.00	0.00058
-80.00	220.00	0.00067	-70.00	220.00	0.00079
-60.00	220.00	0.00094	-50.00	220.00	0.00115
-40.00	220.00	0.00144	-30.00	220.00	0.00190
-25.00	220.00	0.00226	-20.00	220.00	0.00279
-17.00	220.00	0.00324	-15.00	220.00	0.00361
-13.00	220.00	0.00408	-11.00	220.00	0.00466
-9.00	220.00	0.00543	9.00	220.00	0.00635
11.00	220.00	0.00567	13.00	220.00	0.00512
15.00	220.00	0.00468	17.00	220.00	0.00429
20.00	220.00	0.00380	25.00	220.00	0.00314
30.00	220.00	0.00263	40.00	220.00	0.00190
50.00	220.00	0.00141	60.00	220.00	0.00107
70.00	220.00	0.00084	80.00	220.00	0.00067
90.00	220.00	0.00054	100.00	220.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 41
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00045	-90.00	230.00	0.00052
-80.00	230.00	0.00060	-70.00	230.00	0.00070
-60.00	230.00	0.00084	-50.00	230.00	0.00102
-40.00	230.00	0.00129	-30.00	230.00	0.00172
-25.00	230.00	0.00207	-20.00	230.00	0.00257
-17.00	230.00	0.00298	-15.00	230.00	0.00332
-13.00	230.00	0.00373	-11.00	230.00	0.00424
-9.00	230.00	0.00486	9.00	230.00	0.00605
11.00	230.00	0.00549	13.00	230.00	0.00500
15.00	230.00	0.00459	17.00	230.00	0.00423
20.00	230.00	0.00376	25.00	230.00	0.00313
30.00	230.00	0.00264	40.00	230.00	0.00193
50.00	230.00	0.00145	60.00	230.00	0.00111
70.00	230.00	0.00087	80.00	230.00	0.00069
90.00	230.00	0.00056	100.00	230.00	0.00046
-100.00	240.00	0.00041	-90.00	240.00	0.00047
-80.00	240.00	0.00055	-70.00	240.00	0.00064
-60.00	240.00	0.00077	-50.00	240.00	0.00095
-40.00	240.00	0.00122	-30.00	240.00	0.00166
-25.00	240.00	0.00201	-20.00	240.00	0.00250
-17.00	240.00	0.00290	-15.00	240.00	0.00322
-13.00	240.00	0.00360	-11.00	240.00	0.00405
-9.00	240.00	0.00455	9.00	240.00	0.00509
11.00	240.00	0.00475	13.00	240.00	0.00443
15.00	240.00	0.00414	17.00	240.00	0.00387
20.00	240.00	0.00350	25.00	240.00	0.00298
30.00	240.00	0.00255	40.00	240.00	0.00190
50.00	240.00	0.00145	60.00	240.00	0.00113
70.00	240.00	0.00089	80.00	240.00	0.00072
90.00	240.00	0.00058	100.00	240.00	0.00048
-100.00	250.00	0.00038	-90.00	250.00	0.00044
-80.00	250.00	0.00051	-70.00	250.00	0.00061
-60.00	250.00	0.00073	-50.00	250.00	0.00091
-40.00	250.00	0.00117	-30.00	250.00	0.00161
-25.00	250.00	0.00194	-20.00	250.00	0.00240
-17.00	250.00	0.00275	-15.00	250.00	0.00302
-13.00	250.00	0.00332	-11.00	250.00	0.00364
-9.00	250.00	0.00396	9.00	250.00	0.00415
11.00	250.00	0.00394	13.00	250.00	0.00373
15.00	250.00	0.00354	17.00	250.00	0.00335

04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
**MODELOPTs:
PAGE 42
CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00309	25.00	250.00	0.00270
30.00	250.00	0.00237	40.00	250.00	0.00183
50.00	250.00	0.00142	60.00	250.00	0.00112
70.00	250.00	0.00089	80.00	250.00	0.00072
90.00	250.00	0.00059	100.00	250.00	0.00049

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

04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
**MODELOPTs:
PAGE 43
CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 44
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00015	25.00	-230.00	0.00014
30.00	-230.00	0.00014	40.00	-230.00	0.00013
50.00	-230.00	0.00013	60.00	-230.00	0.00012
70.00	-230.00	0.00011	80.00	-230.00	0.00011
90.00	-230.00	0.00010	100.00	-230.00	0.00009
-100.00	-220.00	0.00025	-90.00	-220.00	0.00024
-80.00	-220.00	0.00024	-70.00	-220.00	0.00023
-60.00	-220.00	0.00023	-50.00	-220.00	0.00022
-40.00	-220.00	0.00021	-30.00	-220.00	0.00020
-25.00	-220.00	0.00020	-20.00	-220.00	0.00019
-17.00	-220.00	0.00019	-15.00	-220.00	0.00019
-13.00	-220.00	0.00018	-11.00	-220.00	0.00018
-9.00	-220.00	0.00018	9.00	-220.00	0.00016
11.00	-220.00	0.00016	13.00	-220.00	0.00016

15.00	-220.00	0.00016	17.00	-220.00	0.00016
20.00	-220.00	0.00016	25.00	-220.00	0.00015
30.00	-220.00	0.00015	40.00	-220.00	0.00014
50.00	-220.00	0.00013	60.00	-220.00	0.00013
70.00	-220.00	0.00012	80.00	-220.00	0.00011
90.00	-220.00	0.00010	100.00	-220.00	0.00010
-100.00	-210.00	0.00026	-90.00	-210.00	0.00026
-80.00	-210.00	0.00026	-70.00	-210.00	0.00025
-60.00	-210.00	0.00024	-50.00	-210.00	0.00023
-40.00	-210.00	0.00022	-30.00	-210.00	0.00021
-25.00	-210.00	0.00021	-20.00	-210.00	0.00020
-17.00	-210.00	0.00020	-15.00	-210.00	0.00020
-13.00	-210.00	0.00020	-11.00	-210.00	0.00019
-9.00	-210.00	0.00019	9.00	-210.00	0.00017
11.00	-210.00	0.00017	13.00	-210.00	0.00017
15.00	-210.00	0.00017	17.00	-210.00	0.00017
20.00	-210.00	0.00016	25.00	-210.00	0.00016
30.00	-210.00	0.00016	40.00	-210.00	0.00015
50.00	-210.00	0.00014	60.00	-210.00	0.00013
70.00	-210.00	0.00012	80.00	-210.00	0.00012
90.00	-210.00	0.00011	100.00	-210.00	0.00010
-100.00	-200.00	0.00028	-90.00	-200.00	0.00028
-80.00	-200.00	0.00027	-70.00	-200.00	0.00027
-60.00	-200.00	0.00026	-50.00	-200.00	0.00025
-40.00	-200.00	0.00024	-30.00	-200.00	0.00023
-25.00	-200.00	0.00022	-20.00	-200.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 45
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00021	-15.00	-200.00	0.00021
-13.00	-200.00	0.00021	-11.00	-200.00	0.00021
-9.00	-200.00	0.00021	9.00	-200.00	0.00019
11.00	-200.00	0.00018	13.00	-200.00	0.00018
15.00	-200.00	0.00018	17.00	-200.00	0.00018
20.00	-200.00	0.00017	25.00	-200.00	0.00017
30.00	-200.00	0.00016	40.00	-200.00	0.00016
50.00	-200.00	0.00015	60.00	-200.00	0.00014

70.00	-200.00	0.00013	80.00	-200.00	0.00012
90.00	-200.00	0.00011	100.00	-200.00	0.00010
-100.00	-190.00	0.00030	-90.00	-190.00	0.00030
-80.00	-190.00	0.00029	-70.00	-190.00	0.00029
-60.00	-190.00	0.00028	-50.00	-190.00	0.00027
-40.00	-190.00	0.00026	-30.00	-190.00	0.00025
-25.00	-190.00	0.00024	-20.00	-190.00	0.00023
-17.00	-190.00	0.00023	-15.00	-190.00	0.00023
-13.00	-190.00	0.00022	-11.00	-190.00	0.00022
-9.00	-190.00	0.00022	9.00	-190.00	0.00020
11.00	-190.00	0.00020	13.00	-190.00	0.00019
15.00	-190.00	0.00019	17.00	-190.00	0.00019
20.00	-190.00	0.00019	25.00	-190.00	0.00018
30.00	-190.00	0.00017	40.00	-190.00	0.00016
50.00	-190.00	0.00016	60.00	-190.00	0.00015
70.00	-190.00	0.00014	80.00	-190.00	0.00013
90.00	-190.00	0.00012	100.00	-190.00	0.00011
-100.00	-180.00	0.00032	-90.00	-180.00	0.00032
-80.00	-180.00	0.00032	-70.00	-180.00	0.00031
-60.00	-180.00	0.00030	-50.00	-180.00	0.00029
-40.00	-180.00	0.00028	-30.00	-180.00	0.00027
-25.00	-180.00	0.00026	-20.00	-180.00	0.00025
-17.00	-180.00	0.00025	-15.00	-180.00	0.00024
-13.00	-180.00	0.00024	-11.00	-180.00	0.00024
-9.00	-180.00	0.00024	9.00	-180.00	0.00021
11.00	-180.00	0.00021	13.00	-180.00	0.00021
15.00	-180.00	0.00020	17.00	-180.00	0.00020
20.00	-180.00	0.00020	25.00	-180.00	0.00019
30.00	-180.00	0.00019	40.00	-180.00	0.00017
50.00	-180.00	0.00016	60.00	-180.00	0.00015
70.00	-180.00	0.00014	80.00	-180.00	0.00013
90.00	-180.00	0.00012	100.00	-180.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00034	-90.00	-170.00	0.00034
-80.00	-170.00	0.00034	-70.00	-170.00	0.00033

-60.00	-170.00	0.00033	-50.00	-170.00	0.00031
-40.00	-170.00	0.00030	-30.00	-170.00	0.00029
-25.00	-170.00	0.00028	-20.00	-170.00	0.00027
-17.00	-170.00	0.00027	-15.00	-170.00	0.00026
-13.00	-170.00	0.00026	-11.00	-170.00	0.00026
-9.00	-170.00	0.00025	9.00	-170.00	0.00023
11.00	-170.00	0.00022	13.00	-170.00	0.00022
15.00	-170.00	0.00022	17.00	-170.00	0.00021
20.00	-170.00	0.00021	25.00	-170.00	0.00020
30.00	-170.00	0.00020	40.00	-170.00	0.00019
50.00	-170.00	0.00017	60.00	-170.00	0.00016
70.00	-170.00	0.00015	80.00	-170.00	0.00014
90.00	-170.00	0.00012	100.00	-170.00	0.00011
-100.00	-160.00	0.00036	-90.00	-160.00	0.00037
-80.00	-160.00	0.00037	-70.00	-160.00	0.00036
-60.00	-160.00	0.00035	-50.00	-160.00	0.00034
-40.00	-160.00	0.00033	-30.00	-160.00	0.00031
-25.00	-160.00	0.00030	-20.00	-160.00	0.00029
-17.00	-160.00	0.00029	-15.00	-160.00	0.00028
-13.00	-160.00	0.00028	-11.00	-160.00	0.00028
-9.00	-160.00	0.00027	9.00	-160.00	0.00024
11.00	-160.00	0.00024	13.00	-160.00	0.00024
15.00	-160.00	0.00023	17.00	-160.00	0.00023
20.00	-160.00	0.00023	25.00	-160.00	0.00022
30.00	-160.00	0.00021	40.00	-160.00	0.00020
50.00	-160.00	0.00018	60.00	-160.00	0.00017
70.00	-160.00	0.00016	80.00	-160.00	0.00014
90.00	-160.00	0.00013	100.00	-160.00	0.00012
-100.00	-150.00	0.00039	-90.00	-150.00	0.00039
-80.00	-150.00	0.00040	-70.00	-150.00	0.00039
-60.00	-150.00	0.00038	-50.00	-150.00	0.00037
-40.00	-150.00	0.00035	-30.00	-150.00	0.00034
-25.00	-150.00	0.00033	-20.00	-150.00	0.00032
-17.00	-150.00	0.00031	-15.00	-150.00	0.00031
-13.00	-150.00	0.00030	-11.00	-150.00	0.00030
-9.00	-150.00	0.00030	9.00	-150.00	0.00026
11.00	-150.00	0.00026	13.00	-150.00	0.00025
15.00	-150.00	0.00025	17.00	-150.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 47
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	-150.00	0.00024	25.00	-150.00	0.00023
30.00	-150.00	0.00023	40.00	-150.00	0.00021
50.00	-150.00	0.00019	60.00	-150.00	0.00018
70.00	-150.00	0.00016	80.00	-150.00	0.00015
90.00	-150.00	0.00014	100.00	-150.00	0.00012
-100.00	-140.00	0.00041	-90.00	-140.00	0.00042
-80.00	-140.00	0.00043	-70.00	-140.00	0.00043
-60.00	-140.00	0.00042	-50.00	-140.00	0.00041
-40.00	-140.00	0.00039	-30.00	-140.00	0.00037
-25.00	-140.00	0.00036	-20.00	-140.00	0.00035
-17.00	-140.00	0.00034	-15.00	-140.00	0.00033
-13.00	-140.00	0.00033	-11.00	-140.00	0.00033
-9.00	-140.00	0.00032	9.00	-140.00	0.00028
11.00	-140.00	0.00028	13.00	-140.00	0.00027
15.00	-140.00	0.00027	17.00	-140.00	0.00027
20.00	-140.00	0.00026	25.00	-140.00	0.00025
30.00	-140.00	0.00024	40.00	-140.00	0.00022
50.00	-140.00	0.00021	60.00	-140.00	0.00019
70.00	-140.00	0.00017	80.00	-140.00	0.00016
90.00	-140.00	0.00014	100.00	-140.00	0.00013
-100.00	-130.00	0.00044	-90.00	-130.00	0.00046
-80.00	-130.00	0.00046	-70.00	-130.00	0.00046
-60.00	-130.00	0.00046	-50.00	-130.00	0.00044
-40.00	-130.00	0.00042	-30.00	-130.00	0.00040
-25.00	-130.00	0.00039	-20.00	-130.00	0.00038
-17.00	-130.00	0.00037	-15.00	-130.00	0.00036
-13.00	-130.00	0.00036	-11.00	-130.00	0.00035
-9.00	-130.00	0.00035	9.00	-130.00	0.00030
11.00	-130.00	0.00030	13.00	-130.00	0.00030
15.00	-130.00	0.00029	17.00	-130.00	0.00029
20.00	-130.00	0.00028	25.00	-130.00	0.00027
30.00	-130.00	0.00026	40.00	-130.00	0.00024
50.00	-130.00	0.00022	60.00	-130.00	0.00020
70.00	-130.00	0.00018	80.00	-130.00	0.00016
90.00	-130.00	0.00015	100.00	-130.00	0.00013
-100.00	-120.00	0.00048	-90.00	-120.00	0.00049
-80.00	-120.00	0.00050	-70.00	-120.00	0.00051
-60.00	-120.00	0.00050	-50.00	-120.00	0.00049
-40.00	-120.00	0.00047	-30.00	-120.00	0.00044
-25.00	-120.00	0.00043	-20.00	-120.00	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00041	-15.00	-120.00	0.00040
-13.00	-120.00	0.00039	-11.00	-120.00	0.00039
-9.00	-120.00	0.00038	9.00	-120.00	0.00033
11.00	-120.00	0.00033	13.00	-120.00	0.00032
15.00	-120.00	0.00032	17.00	-120.00	0.00031
20.00	-120.00	0.00030	25.00	-120.00	0.00029
30.00	-120.00	0.00028	40.00	-120.00	0.00026
50.00	-120.00	0.00023	60.00	-120.00	0.00021
70.00	-120.00	0.00019	80.00	-120.00	0.00017
90.00	-120.00	0.00015	100.00	-120.00	0.00014
-100.00	-110.00	0.00051	-90.00	-110.00	0.00053
-80.00	-110.00	0.00054	-70.00	-110.00	0.00055
-60.00	-110.00	0.00055	-50.00	-110.00	0.00054
-40.00	-110.00	0.00052	-30.00	-110.00	0.00049
-25.00	-110.00	0.00047	-20.00	-110.00	0.00046
-17.00	-110.00	0.00045	-15.00	-110.00	0.00044
-13.00	-110.00	0.00043	-11.00	-110.00	0.00043
-9.00	-110.00	0.00042	9.00	-110.00	0.00036
11.00	-110.00	0.00036	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	0.00032
30.00	-110.00	0.00030	40.00	-110.00	0.00028
50.00	-110.00	0.00025	60.00	-110.00	0.00022
70.00	-110.00	0.00020	80.00	-110.00	0.00018
90.00	-110.00	0.00016	100.00	-110.00	0.00015
-100.00	-100.00	0.00055	-90.00	-100.00	0.00057
-80.00	-100.00	0.00059	-70.00	-100.00	0.00060
-60.00	-100.00	0.00061	-50.00	-100.00	0.00060
-40.00	-100.00	0.00058	-30.00	-100.00	0.00054
-25.00	-100.00	0.00053	-20.00	-100.00	0.00051
-17.00	-100.00	0.00050	-15.00	-100.00	0.00049
-13.00	-100.00	0.00048	-11.00	-100.00	0.00047
-9.00	-100.00	0.00046	9.00	-100.00	0.00040
11.00	-100.00	0.00039	13.00	-100.00	0.00038

15.00	-100.00	0.00038	17.00	-100.00	0.00037
20.00	-100.00	0.00036	25.00	-100.00	0.00034
30.00	-100.00	0.00033	40.00	-100.00	0.00030
50.00	-100.00	0.00027	60.00	-100.00	0.00024
70.00	-100.00	0.00021	80.00	-100.00	0.00019
90.00	-100.00	0.00017	100.00	-100.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 49
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00059	-90.00	-90.00	0.00062
-80.00	-90.00	0.00064	-70.00	-90.00	0.00066
-60.00	-90.00	0.00067	-50.00	-90.00	0.00067
-40.00	-90.00	0.00064	-30.00	-90.00	0.00061
-25.00	-90.00	0.00059	-20.00	-90.00	0.00057
-17.00	-90.00	0.00055	-15.00	-90.00	0.00054
-13.00	-90.00	0.00053	-11.00	-90.00	0.00053
-9.00	-90.00	0.00052	9.00	-90.00	0.00044
11.00	-90.00	0.00043	13.00	-90.00	0.00042
15.00	-90.00	0.00041	17.00	-90.00	0.00040
20.00	-90.00	0.00039	25.00	-90.00	0.00037
30.00	-90.00	0.00036	40.00	-90.00	0.00032
50.00	-90.00	0.00028	60.00	-90.00	0.00025
70.00	-90.00	0.00022	80.00	-90.00	0.00020
90.00	-90.00	0.00018	100.00	-90.00	0.00016
-100.00	-80.00	0.00063	-90.00	-80.00	0.00067
-80.00	-80.00	0.00070	-70.00	-80.00	0.00073
-60.00	-80.00	0.00074	-50.00	-80.00	0.00074
-40.00	-80.00	0.00072	-30.00	-80.00	0.00068
-25.00	-80.00	0.00066	-20.00	-80.00	0.00064
-17.00	-80.00	0.00062	-15.00	-80.00	0.00061
-13.00	-80.00	0.00060	-11.00	-80.00	0.00059
-9.00	-80.00	0.00058	9.00	-80.00	0.00048
11.00	-80.00	0.00047	13.00	-80.00	0.00046
15.00	-80.00	0.00045	17.00	-80.00	0.00044
20.00	-80.00	0.00043	25.00	-80.00	0.00041
30.00	-80.00	0.00039	40.00	-80.00	0.00035
50.00	-80.00	0.00030	60.00	-80.00	0.00027

70.00	-80.00	0.00023	80.00	-80.00	0.00021
90.00	-80.00	0.00019	100.00	-80.00	0.00017
-100.00	-70.00	0.00068	-90.00	-70.00	0.00072
-80.00	-70.00	0.00077	-70.00	-70.00	0.00080
-60.00	-70.00	0.00083	-50.00	-70.00	0.00083
-40.00	-70.00	0.00082	-30.00	-70.00	0.00078
-25.00	-70.00	0.00075	-20.00	-70.00	0.00072
-17.00	-70.00	0.00070	-15.00	-70.00	0.00069
-13.00	-70.00	0.00068	-11.00	-70.00	0.00066
-9.00	-70.00	0.00065	9.00	-70.00	0.00054
11.00	-70.00	0.00052	13.00	-70.00	0.00051
15.00	-70.00	0.00050	17.00	-70.00	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00048	25.00	-70.00	0.00045
30.00	-70.00	0.00042	40.00	-70.00	0.00037
50.00	-70.00	0.00032	60.00	-70.00	0.00028
70.00	-70.00	0.00025	80.00	-70.00	0.00022
90.00	-70.00	0.00020	100.00	-70.00	0.00018
-100.00	-60.00	0.00073	-90.00	-60.00	0.00078
-80.00	-60.00	0.00084	-70.00	-60.00	0.00088
-60.00	-60.00	0.00092	-50.00	-60.00	0.00094
-40.00	-60.00	0.00093	-30.00	-60.00	0.00089
-25.00	-60.00	0.00086	-20.00	-60.00	0.00082
-17.00	-60.00	0.00080	-15.00	-60.00	0.00078
-13.00	-60.00	0.00077	-11.00	-60.00	0.00075
-9.00	-60.00	0.00074	9.00	-60.00	0.00060
11.00	-60.00	0.00059	13.00	-60.00	0.00057
15.00	-60.00	0.00056	17.00	-60.00	0.00055
20.00	-60.00	0.00053	25.00	-60.00	0.00050
30.00	-60.00	0.00047	40.00	-60.00	0.00040
50.00	-60.00	0.00035	60.00	-60.00	0.00030
70.00	-60.00	0.00026	80.00	-60.00	0.00023
90.00	-60.00	0.00021	100.00	-60.00	0.00019
-100.00	-50.00	0.00079	-90.00	-50.00	0.00085
-80.00	-50.00	0.00091	-70.00	-50.00	0.00097

-60.00	-50.00	0.00102	-50.00	-50.00	0.00106
-40.00	-50.00	0.00106	-30.00	-50.00	0.00102
-25.00	-50.00	0.00099	-20.00	-50.00	0.00095
-17.00	-50.00	0.00092	-15.00	-50.00	0.00090
-13.00	-50.00	0.00088	-11.00	-50.00	0.00086
-9.00	-50.00	0.00084	9.00	-50.00	0.00067
11.00	-50.00	0.00066	13.00	-50.00	0.00064
15.00	-50.00	0.00063	17.00	-50.00	0.00061
20.00	-50.00	0.00059	25.00	-50.00	0.00055
30.00	-50.00	0.00051	40.00	-50.00	0.00044
50.00	-50.00	0.00037	60.00	-50.00	0.00032
70.00	-50.00	0.00028	80.00	-50.00	0.00025
90.00	-50.00	0.00022	100.00	-50.00	0.00020
-100.00	-40.00	0.00084	-90.00	-40.00	0.00092
-80.00	-40.00	0.00099	-70.00	-40.00	0.00107
-60.00	-40.00	0.00114	-50.00	-40.00	0.00120
-40.00	-40.00	0.00122	-30.00	-40.00	0.00119
-25.00	-40.00	0.00115	-20.00	-40.00	0.00110

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00107	-15.00	-40.00	0.00105
-13.00	-40.00	0.00102	-11.00	-40.00	0.00100
-9.00	-40.00	0.00097	9.00	-40.00	0.00076
11.00	-40.00	0.00074	13.00	-40.00	0.00072
15.00	-40.00	0.00070	17.00	-40.00	0.00069
20.00	-40.00	0.00066	25.00	-40.00	0.00061
30.00	-40.00	0.00056	40.00	-40.00	0.00047
50.00	-40.00	0.00040	60.00	-40.00	0.00034
70.00	-40.00	0.00030	80.00	-40.00	0.00027
90.00	-40.00	0.00024	100.00	-40.00	0.00021
-100.00	-30.00	0.00090	-90.00	-30.00	0.00099
-80.00	-30.00	0.00108	-70.00	-30.00	0.00118
-60.00	-30.00	0.00127	-50.00	-30.00	0.00135
-40.00	-30.00	0.00140	-30.00	-30.00	0.00139
-25.00	-30.00	0.00135	-20.00	-30.00	0.00130
-17.00	-30.00	0.00126	-15.00	-30.00	0.00123

-13.00	-30.00	0.00120	-11.00	-30.00	0.00117
-9.00	-30.00	0.00114	9.00	-30.00	0.00087
11.00	-30.00	0.00085	13.00	-30.00	0.00082
15.00	-30.00	0.00080	17.00	-30.00	0.00077
20.00	-30.00	0.00074	25.00	-30.00	0.00067
30.00	-30.00	0.00062	40.00	-30.00	0.00051
50.00	-30.00	0.00043	60.00	-30.00	0.00037
70.00	-30.00	0.00032	80.00	-30.00	0.00028
90.00	-30.00	0.00025	100.00	-30.00	0.00022
-100.00	-20.00	0.00095	-90.00	-20.00	0.00106
-80.00	-20.00	0.00117	-70.00	-20.00	0.00129
-60.00	-20.00	0.00142	-50.00	-20.00	0.00153
-40.00	-20.00	0.00161	-30.00	-20.00	0.00163
-25.00	-20.00	0.00160	-20.00	-20.00	0.00154
-17.00	-20.00	0.00150	-15.00	-20.00	0.00146
-13.00	-20.00	0.00143	-11.00	-20.00	0.00139
-9.00	-20.00	0.00135	9.00	-20.00	0.00100
11.00	-20.00	0.00097	13.00	-20.00	0.00094
15.00	-20.00	0.00091	17.00	-20.00	0.00087
20.00	-20.00	0.00083	25.00	-20.00	0.00075
30.00	-20.00	0.00068	40.00	-20.00	0.00055
50.00	-20.00	0.00046	60.00	-20.00	0.00040
70.00	-20.00	0.00034	80.00	-20.00	0.00030
90.00	-20.00	0.00026	100.00	-20.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 52
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00100	-90.00	-10.00	0.00112
-80.00	-10.00	0.00126	-70.00	-10.00	0.00141
-60.00	-10.00	0.00157	-50.00	-10.00	0.00173
-40.00	-10.00	0.00186	-30.00	-10.00	0.00192
-25.00	-10.00	0.00191	-20.00	-10.00	0.00186
-17.00	-10.00	0.00181	-15.00	-10.00	0.00177
-13.00	-10.00	0.00172	-11.00	-10.00	0.00167
-9.00	-10.00	0.00162	9.00	-10.00	0.00116
11.00	-10.00	0.00112	13.00	-10.00	0.00108
15.00	-10.00	0.00103	17.00	-10.00	0.00099

20.00	-10.00	0.00093	25.00	-10.00	0.00083
30.00	-10.00	0.00074	40.00	-10.00	0.00060
50.00	-10.00	0.00050	60.00	-10.00	0.00042
70.00	-10.00	0.00036	80.00	-10.00	0.00031
90.00	-10.00	0.00027	100.00	-10.00	0.00023
-100.00	0.00	0.00105	-90.00	0.00	0.00119
-80.00	0.00	0.00135	-70.00	0.00	0.00153
-60.00	0.00	0.00173	-50.00	0.00	0.00194
-40.00	0.00	0.00214	-30.00	0.00	0.00227
-25.00	0.00	0.00229	-20.00	0.00	0.00225
-17.00	0.00	0.00220	-15.00	0.00	0.00216
-13.00	0.00	0.00210	-11.00	0.00	0.00204
-9.00	0.00	0.00198	9.00	0.00	0.00135
11.00	0.00	0.00129	13.00	0.00	0.00123
15.00	0.00	0.00118	17.00	0.00	0.00112
20.00	0.00	0.00104	25.00	0.00	0.00091
30.00	0.00	0.00081	40.00	0.00	0.00065
50.00	0.00	0.00054	60.00	0.00	0.00045
70.00	0.00	0.00038	80.00	0.00	0.00032
90.00	0.00	0.00027	100.00	0.00	0.00023
-100.00	10.00	0.00108	-90.00	10.00	0.00124
-80.00	10.00	0.00143	-70.00	10.00	0.00164
-60.00	10.00	0.00189	-50.00	10.00	0.00216
-40.00	10.00	0.00244	-30.00	10.00	0.00266
-25.00	10.00	0.00273	-20.00	10.00	0.00274
-17.00	10.00	0.00271	-15.00	10.00	0.00267
-13.00	10.00	0.00261	-11.00	10.00	0.00254
-9.00	10.00	0.00245	9.00	10.00	0.00158
11.00	10.00	0.00149	13.00	10.00	0.00141
15.00	10.00	0.00133	17.00	10.00	0.00125

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 53
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00115	25.00	10.00	0.00101
30.00	10.00	0.00089	40.00	10.00	0.00071
50.00	10.00	0.00057	60.00	10.00	0.00047
70.00	10.00	0.00039	80.00	10.00	0.00033

90.00	10.00	0.00028	100.00	10.00	0.00024
-100.00	20.00	0.00110	-90.00	20.00	0.00128
-80.00	20.00	0.00149	-70.00	20.00	0.00173
-60.00	20.00	0.00203	-50.00	20.00	0.00236
-40.00	20.00	0.00273	-30.00	20.00	0.00309
-25.00	20.00	0.00323	-20.00	20.00	0.00331
-17.00	20.00	0.00332	-15.00	20.00	0.00330
-13.00	20.00	0.00326	-11.00	20.00	0.00319
-9.00	20.00	0.00310	9.00	20.00	0.00182
11.00	20.00	0.00170	13.00	20.00	0.00159
15.00	20.00	0.00149	17.00	20.00	0.00140
20.00	20.00	0.00127	25.00	20.00	0.00110
30.00	20.00	0.00096	40.00	20.00	0.00075
50.00	20.00	0.00060	60.00	20.00	0.00049
70.00	20.00	0.00041	80.00	20.00	0.00034
90.00	20.00	0.00028	100.00	20.00	0.00024
-100.00	30.00	0.00111	-90.00	30.00	0.00129
-80.00	30.00	0.00152	-70.00	30.00	0.00179
-60.00	30.00	0.00213	-50.00	30.00	0.00252
-40.00	30.00	0.00299	-30.00	30.00	0.00348
-25.00	30.00	0.00372	-20.00	30.00	0.00392
-17.00	30.00	0.00401	-15.00	30.00	0.00405
-13.00	30.00	0.00406	-11.00	30.00	0.00404
-9.00	30.00	0.00396	9.00	30.00	0.00208
11.00	30.00	0.00192	13.00	30.00	0.00177
15.00	30.00	0.00165	17.00	30.00	0.00154
20.00	30.00	0.00139	25.00	30.00	0.00119
30.00	30.00	0.00103	40.00	30.00	0.00079
50.00	30.00	0.00063	60.00	30.00	0.00051
70.00	30.00	0.00042	80.00	30.00	0.00035
90.00	30.00	0.00029	100.00	30.00	0.00024
-100.00	40.00	0.00109	-90.00	40.00	0.00129
-80.00	40.00	0.00152	-70.00	40.00	0.00181
-60.00	40.00	0.00217	-50.00	40.00	0.00261
-40.00	40.00	0.00315	-30.00	40.00	0.00376
-25.00	40.00	0.00409	-20.00	40.00	0.00443

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 54
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00462	-15.00	40.00	0.00475
-13.00	40.00	0.00487	-11.00	40.00	0.00499
-9.00	40.00	0.00510	9.00	40.00	0.00233
11.00	40.00	0.00212	13.00	40.00	0.00194
15.00	40.00	0.00179	17.00	40.00	0.00165
20.00	40.00	0.00149	25.00	40.00	0.00126
30.00	40.00	0.00109	40.00	40.00	0.00083
50.00	40.00	0.00066	60.00	40.00	0.00053
70.00	40.00	0.00043	80.00	40.00	0.00036
90.00	40.00	0.00030	100.00	40.00	0.00025
-100.00	50.00	0.00106	-90.00	50.00	0.00126
-80.00	50.00	0.00149	-70.00	50.00	0.00179
-60.00	50.00	0.00216	-50.00	50.00	0.00263
-40.00	50.00	0.00320	-30.00	50.00	0.00387
-25.00	50.00	0.00425	-20.00	50.00	0.00465
-17.00	50.00	0.00490	-15.00	50.00	0.00508
-13.00	50.00	0.00526	-11.00	50.00	0.00548
-9.00	50.00	0.00575	9.00	50.00	0.00275
11.00	50.00	0.00244	13.00	50.00	0.00220
15.00	50.00	0.00201	17.00	50.00	0.00185
20.00	50.00	0.00165	25.00	50.00	0.00139
30.00	50.00	0.00118	40.00	50.00	0.00090
50.00	50.00	0.00070	60.00	50.00	0.00056
70.00	50.00	0.00045	80.00	50.00	0.00037
90.00	50.00	0.00031	100.00	50.00	0.00026
-100.00	60.00	0.00102	-90.00	60.00	0.00120
-80.00	60.00	0.00143	-70.00	60.00	0.00173
-60.00	60.00	0.00209	-50.00	60.00	0.00255
-40.00	60.00	0.00312	-30.00	60.00	0.00381
-25.00	60.00	0.00421	-20.00	60.00	0.00465
-17.00	60.00	0.00494	-15.00	60.00	0.00515
-13.00	60.00	0.00538	-11.00	60.00	0.00567
-9.00	60.00	0.00607	9.00	60.00	0.00375
11.00	60.00	0.00323	13.00	60.00	0.00284
15.00	60.00	0.00254	17.00	60.00	0.00229
20.00	60.00	0.00199	25.00	60.00	0.00162
30.00	60.00	0.00136	40.00	60.00	0.00100
50.00	60.00	0.00077	60.00	60.00	0.00060
70.00	60.00	0.00048	80.00	60.00	0.00039
90.00	60.00	0.00032	100.00	60.00	0.00027

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	0.00095	-90.00	70.00	0.00112
-80.00	70.00	0.00134	-70.00	70.00	0.00161
-60.00	70.00	0.00196	-50.00	70.00	0.00241
-40.00	70.00	0.00297	-30.00	70.00	0.00368
-25.00	70.00	0.00411	-20.00	70.00	0.00460
-17.00	70.00	0.00495	-15.00	70.00	0.00523
-13.00	70.00	0.00556	-11.00	70.00	0.00597
-9.00	70.00	0.00656	9.00	70.00	0.00470
11.00	70.00	0.00405	13.00	70.00	0.00356
15.00	70.00	0.00316	17.00	70.00	0.00282
20.00	70.00	0.00242	25.00	70.00	0.00194
30.00	70.00	0.00159	40.00	70.00	0.00114
50.00	70.00	0.00085	60.00	70.00	0.00066
70.00	70.00	0.00052	80.00	70.00	0.00042
90.00	70.00	0.00035	100.00	70.00	0.00029
-100.00	80.00	0.00087	-90.00	80.00	0.00103
-80.00	80.00	0.00123	-70.00	80.00	0.00148
-60.00	80.00	0.00180	-50.00	80.00	0.00223
-40.00	80.00	0.00278	-30.00	80.00	0.00349
-25.00	80.00	0.00395	-20.00	80.00	0.00452
-17.00	80.00	0.00495	-15.00	80.00	0.00531
-13.00	80.00	0.00574	-11.00	80.00	0.00628
-9.00	80.00	0.00700	9.00	80.00	0.00540
11.00	80.00	0.00469	13.00	80.00	0.00414
15.00	80.00	0.00368	17.00	80.00	0.00330
20.00	80.00	0.00284	25.00	80.00	0.00226
30.00	80.00	0.00184	40.00	80.00	0.00129
50.00	80.00	0.00094	60.00	80.00	0.00072
70.00	80.00	0.00056	80.00	80.00	0.00045
90.00	80.00	0.00037	100.00	80.00	0.00031
-100.00	90.00	0.00079	-90.00	90.00	0.00093
-80.00	90.00	0.00110	-70.00	90.00	0.00133
-60.00	90.00	0.00163	-50.00	90.00	0.00202
-40.00	90.00	0.00253	-30.00	90.00	0.00324
-25.00	90.00	0.00373	-20.00	90.00	0.00436
-17.00	90.00	0.00487	-15.00	90.00	0.00529

-13.00	90.00	0.00581	-11.00	90.00	0.00644
-9.00	90.00	0.00725	9.00	90.00	0.00589
11.00	90.00	0.00514	13.00	90.00	0.00456
15.00	90.00	0.00408	17.00	90.00	0.00367

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1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                        ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction                ***
      16:18:59
 **MODELOPTs:
      PAGE  56
 CONC                    URBAN FLAT  FLGPOL DFAULT

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

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF OTHER    IN MICROGRAMS/M**3                          **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00318	25.00	90.00	0.00254
30.00	90.00	0.00207	40.00	90.00	0.00144
50.00	90.00	0.00104	60.00	90.00	0.00079
70.00	90.00	0.00061	80.00	90.00	0.00049
90.00	90.00	0.00040	100.00	90.00	0.00034
-100.00	100.00	0.00070	-90.00	100.00	0.00082
-80.00	100.00	0.00098	-70.00	100.00	0.00118
-60.00	100.00	0.00144	-50.00	100.00	0.00178
-40.00	100.00	0.00225	-30.00	100.00	0.00293
-25.00	100.00	0.00342	-20.00	100.00	0.00410
-17.00	100.00	0.00465	-15.00	100.00	0.00512
-13.00	100.00	0.00568	-11.00	100.00	0.00638
-9.00	100.00	0.00725	9.00	100.00	0.00619
11.00	100.00	0.00543	13.00	100.00	0.00484
15.00	100.00	0.00436	17.00	100.00	0.00394
20.00	100.00	0.00343	25.00	100.00	0.00277
30.00	100.00	0.00227	40.00	100.00	0.00158
50.00	100.00	0.00115	60.00	100.00	0.00087
70.00	100.00	0.00067	80.00	100.00	0.00054
90.00	100.00	0.00044	100.00	100.00	0.00036
-100.00	110.00	0.00063	-90.00	110.00	0.00073
-80.00	110.00	0.00086	-70.00	110.00	0.00103
-60.00	110.00	0.00125	-50.00	110.00	0.00154
-40.00	110.00	0.00195	-30.00	110.00	0.00257
-25.00	110.00	0.00304	-20.00	110.00	0.00371
-17.00	110.00	0.00427	-15.00	110.00	0.00475
-13.00	110.00	0.00533	-11.00	110.00	0.00605
-9.00	110.00	0.00697	9.00	110.00	0.00634
11.00	110.00	0.00559	13.00	110.00	0.00501
15.00	110.00	0.00454	17.00	110.00	0.00413

20.00	110.00	0.00361	25.00	110.00	0.00293
30.00	110.00	0.00242	40.00	110.00	0.00170
50.00	110.00	0.00125	60.00	110.00	0.00094
70.00	110.00	0.00073	80.00	110.00	0.00058
90.00	110.00	0.00047	100.00	110.00	0.00039
-100.00	120.00	0.00056	-90.00	120.00	0.00065
-80.00	120.00	0.00076	-70.00	120.00	0.00090
-60.00	120.00	0.00108	-50.00	120.00	0.00132
-40.00	120.00	0.00166	-30.00	120.00	0.00220
-25.00	120.00	0.00261	-20.00	120.00	0.00323

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 57
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00375	-15.00	120.00	0.00420
-13.00	120.00	0.00476	-11.00	120.00	0.00545
-9.00	120.00	0.00636	9.00	120.00	0.00638
11.00	120.00	0.00566	13.00	120.00	0.00509
15.00	120.00	0.00463	17.00	120.00	0.00423
20.00	120.00	0.00372	25.00	120.00	0.00305
30.00	120.00	0.00254	40.00	120.00	0.00182
50.00	120.00	0.00134	60.00	120.00	0.00102
70.00	120.00	0.00079	80.00	120.00	0.00063
90.00	120.00	0.00051	100.00	120.00	0.00042
-100.00	130.00	0.00050	-90.00	130.00	0.00058
-80.00	130.00	0.00067	-70.00	130.00	0.00079
-60.00	130.00	0.00094	-50.00	130.00	0.00115
-40.00	130.00	0.00144	-30.00	130.00	0.00190
-25.00	130.00	0.00226	-20.00	130.00	0.00279
-17.00	130.00	0.00324	-15.00	130.00	0.00361
-13.00	130.00	0.00408	-11.00	130.00	0.00466
-9.00	130.00	0.00543	9.00	130.00	0.00635
11.00	130.00	0.00567	13.00	130.00	0.00512
15.00	130.00	0.00468	17.00	130.00	0.00429
20.00	130.00	0.00380	25.00	130.00	0.00314
30.00	130.00	0.00263	40.00	130.00	0.00190
50.00	130.00	0.00141	60.00	130.00	0.00107
70.00	130.00	0.00084	80.00	130.00	0.00067

90.00	130.00	0.00054	100.00	130.00	0.00044
-100.00	140.00	0.00045	-90.00	140.00	0.00052
-80.00	140.00	0.00060	-70.00	140.00	0.00070
-60.00	140.00	0.00084	-50.00	140.00	0.00102
-40.00	140.00	0.00129	-30.00	140.00	0.00172
-25.00	140.00	0.00207	-20.00	140.00	0.00257
-17.00	140.00	0.00298	-15.00	140.00	0.00332
-13.00	140.00	0.00373	-11.00	140.00	0.00424
-9.00	140.00	0.00486	9.00	140.00	0.00605
11.00	140.00	0.00549	13.00	140.00	0.00500
15.00	140.00	0.00459	17.00	140.00	0.00423
20.00	140.00	0.00376	25.00	140.00	0.00313
30.00	140.00	0.00264	40.00	140.00	0.00193
50.00	140.00	0.00145	60.00	140.00	0.00111
70.00	140.00	0.00087	80.00	140.00	0.00069
90.00	140.00	0.00056	100.00	140.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 58
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00041	-90.00	150.00	0.00047
-80.00	150.00	0.00055	-70.00	150.00	0.00064
-60.00	150.00	0.00077	-50.00	150.00	0.00095
-40.00	150.00	0.00122	-30.00	150.00	0.00166
-25.00	150.00	0.00201	-20.00	150.00	0.00250
-17.00	150.00	0.00290	-15.00	150.00	0.00322
-13.00	150.00	0.00360	-11.00	150.00	0.00405
-9.00	150.00	0.00455	9.00	150.00	0.00509
11.00	150.00	0.00475	13.00	150.00	0.00443
15.00	150.00	0.00414	17.00	150.00	0.00387
20.00	150.00	0.00350	25.00	150.00	0.00298
30.00	150.00	0.00255	40.00	150.00	0.00190
50.00	150.00	0.00145	60.00	150.00	0.00113
70.00	150.00	0.00089	80.00	150.00	0.00072
90.00	150.00	0.00058	100.00	150.00	0.00048
-100.00	160.00	0.00038	-90.00	160.00	0.00044
-80.00	160.00	0.00051	-70.00	160.00	0.00061
-60.00	160.00	0.00073	-50.00	160.00	0.00091

-40.00	160.00	0.00117	-30.00	160.00	0.00161
-25.00	160.00	0.00194	-20.00	160.00	0.00240
-17.00	160.00	0.00275	-15.00	160.00	0.00302
-13.00	160.00	0.00332	-11.00	160.00	0.00364
-9.00	160.00	0.00396	9.00	160.00	0.00415
11.00	160.00	0.00394	13.00	160.00	0.00373
15.00	160.00	0.00354	17.00	160.00	0.00335
20.00	160.00	0.00309	25.00	160.00	0.00270
30.00	160.00	0.00237	40.00	160.00	0.00183
50.00	160.00	0.00142	60.00	160.00	0.00112
70.00	160.00	0.00089	80.00	160.00	0.00072
90.00	160.00	0.00059	100.00	160.00	0.00049
-100.00	170.00	0.00037	-90.00	170.00	0.00042
-80.00	170.00	0.00049	-70.00	170.00	0.00058
-60.00	170.00	0.00070	-50.00	170.00	0.00087
-40.00	170.00	0.00112	-30.00	170.00	0.00154
-25.00	170.00	0.00184	-20.00	170.00	0.00223
-17.00	170.00	0.00251	-15.00	170.00	0.00272
-13.00	170.00	0.00293	-11.00	170.00	0.00313
-9.00	170.00	0.00333	9.00	170.00	0.00339
11.00	170.00	0.00325	13.00	170.00	0.00312
15.00	170.00	0.00299	17.00	170.00	0.00286

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 59
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00268	25.00	170.00	0.00239
30.00	170.00	0.00214	40.00	170.00	0.00170
50.00	170.00	0.00136	60.00	170.00	0.00109
70.00	170.00	0.00088	80.00	170.00	0.00072
90.00	170.00	0.00060	100.00	170.00	0.00050
-100.00	180.00	0.00035	-90.00	180.00	0.00041
-80.00	180.00	0.00047	-70.00	180.00	0.00056
-60.00	180.00	0.00067	-50.00	180.00	0.00083
-40.00	180.00	0.00107	-30.00	180.00	0.00145
-25.00	180.00	0.00171	-20.00	180.00	0.00203
-17.00	180.00	0.00224	-15.00	180.00	0.00239
-13.00	180.00	0.00253	-11.00	180.00	0.00266

-9.00	180.00	0.00277	9.00	180.00	0.00280
11.00	180.00	0.00271	13.00	180.00	0.00262
15.00	180.00	0.00252	17.00	180.00	0.00243
20.00	180.00	0.00230	25.00	180.00	0.00209
30.00	180.00	0.00190	40.00	180.00	0.00156
50.00	180.00	0.00128	60.00	180.00	0.00105
70.00	180.00	0.00086	80.00	180.00	0.00071
90.00	180.00	0.00059	100.00	180.00	0.00050
-100.00	190.00	0.00034	-90.00	190.00	0.00039
-80.00	190.00	0.00045	-70.00	190.00	0.00053
-60.00	190.00	0.00064	-50.00	190.00	0.00079
-40.00	190.00	0.00102	-30.00	190.00	0.00135
-25.00	190.00	0.00157	-20.00	190.00	0.00182
-17.00	190.00	0.00197	-15.00	190.00	0.00207
-13.00	190.00	0.00216	-11.00	190.00	0.00225
-9.00	190.00	0.00232	9.00	190.00	0.00234
11.00	190.00	0.00228	13.00	190.00	0.00221
15.00	190.00	0.00215	17.00	190.00	0.00208
20.00	190.00	0.00198	25.00	190.00	0.00183
30.00	190.00	0.00168	40.00	190.00	0.00142
50.00	190.00	0.00119	60.00	190.00	0.00099
70.00	190.00	0.00083	80.00	190.00	0.00070
90.00	190.00	0.00059	100.00	190.00	0.00050
-100.00	200.00	0.00033	-90.00	200.00	0.00037
-80.00	200.00	0.00043	-70.00	200.00	0.00051
-60.00	200.00	0.00061	-50.00	200.00	0.00075
-40.00	200.00	0.00096	-30.00	200.00	0.00125
-25.00	200.00	0.00143	-20.00	200.00	0.00162

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 60
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00173	-15.00	200.00	0.00179
-13.00	200.00	0.00186	-11.00	200.00	0.00191
-9.00	200.00	0.00196	9.00	200.00	0.00197
11.00	200.00	0.00193	13.00	200.00	0.00189
15.00	200.00	0.00184	17.00	200.00	0.00179
20.00	200.00	0.00171	25.00	200.00	0.00160

30.00	200.00	0.00148	40.00	200.00	0.00128
50.00	200.00	0.00110	60.00	200.00	0.00093
70.00	200.00	0.00079	80.00	200.00	0.00067
90.00	200.00	0.00057	100.00	200.00	0.00049
-100.00	210.00	0.00031	-90.00	210.00	0.00036
-80.00	210.00	0.00041	-70.00	210.00	0.00048
-60.00	210.00	0.00058	-50.00	210.00	0.00071
-40.00	210.00	0.00090	-30.00	210.00	0.00114
-25.00	210.00	0.00129	-20.00	210.00	0.00143
-17.00	210.00	0.00151	-15.00	210.00	0.00156
-13.00	210.00	0.00160	-11.00	210.00	0.00164
-9.00	210.00	0.00168	9.00	210.00	0.00169
11.00	210.00	0.00166	13.00	210.00	0.00162
15.00	210.00	0.00159	17.00	210.00	0.00155
20.00	210.00	0.00149	25.00	210.00	0.00140
30.00	210.00	0.00131	40.00	210.00	0.00115
50.00	210.00	0.00100	60.00	210.00	0.00087
70.00	210.00	0.00075	80.00	210.00	0.00064
90.00	210.00	0.00055	100.00	210.00	0.00048
-100.00	220.00	0.00030	-90.00	220.00	0.00034
-80.00	220.00	0.00040	-70.00	220.00	0.00046
-60.00	220.00	0.00055	-50.00	220.00	0.00067
-40.00	220.00	0.00084	-30.00	220.00	0.00105
-25.00	220.00	0.00116	-20.00	220.00	0.00127
-17.00	220.00	0.00133	-15.00	220.00	0.00136
-13.00	220.00	0.00139	-11.00	220.00	0.00142
-9.00	220.00	0.00145	9.00	220.00	0.00146
11.00	220.00	0.00143	13.00	220.00	0.00141
15.00	220.00	0.00138	17.00	220.00	0.00136
20.00	220.00	0.00131	25.00	220.00	0.00124
30.00	220.00	0.00117	40.00	220.00	0.00104
50.00	220.00	0.00092	60.00	220.00	0.00081
70.00	220.00	0.00070	80.00	220.00	0.00061
90.00	220.00	0.00053	100.00	220.00	0.00046

1 *** ISCST3 - VERSION 02035 ***   *** NCRA Cumulative DPM Impacts   ***
04/20/08
*** Maximum train overlap at North/South Bound Direction   ***
16:18:59
**MODELOPTs:
PAGE 61
CONC   URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S):   NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

- - - - - - - - -

-100.00	230.00	0.00029	-90.00	230.00	0.00033
-80.00	230.00	0.00038	-70.00	230.00	0.00044
-60.00	230.00	0.00053	-50.00	230.00	0.00064
-40.00	230.00	0.00078	-30.00	230.00	0.00096
-25.00	230.00	0.00105	-20.00	230.00	0.00113
-17.00	230.00	0.00117	-15.00	230.00	0.00120
-13.00	230.00	0.00122	-11.00	230.00	0.00124
-9.00	230.00	0.00126	9.00	230.00	0.00127
11.00	230.00	0.00125	13.00	230.00	0.00123
15.00	230.00	0.00122	17.00	230.00	0.00119
20.00	230.00	0.00116	25.00	230.00	0.00110
30.00	230.00	0.00104	40.00	230.00	0.00093
50.00	230.00	0.00084	60.00	230.00	0.00075
70.00	230.00	0.00066	80.00	230.00	0.00058
90.00	230.00	0.00051	100.00	230.00	0.00045
-100.00	240.00	0.00028	-90.00	240.00	0.00032
-80.00	240.00	0.00036	-70.00	240.00	0.00042
-60.00	240.00	0.00050	-50.00	240.00	0.00060
-40.00	240.00	0.00073	-30.00	240.00	0.00087
-25.00	240.00	0.00094	-20.00	240.00	0.00101
-17.00	240.00	0.00104	-15.00	240.00	0.00106
-13.00	240.00	0.00108	-11.00	240.00	0.00109
-9.00	240.00	0.00111	9.00	240.00	0.00111
11.00	240.00	0.00110	13.00	240.00	0.00109
15.00	240.00	0.00107	17.00	240.00	0.00106
20.00	240.00	0.00103	25.00	240.00	0.00098
30.00	240.00	0.00093	40.00	240.00	0.00085
50.00	240.00	0.00076	60.00	240.00	0.00069
70.00	240.00	0.00062	80.00	240.00	0.00055
90.00	240.00	0.00049	100.00	240.00	0.00043
-100.00	250.00	0.00027	-90.00	250.00	0.00030
-80.00	250.00	0.00035	-70.00	250.00	0.00040
-60.00	250.00	0.00047	-50.00	250.00	0.00057
-40.00	250.00	0.00068	-30.00	250.00	0.00080
-25.00	250.00	0.00085	-20.00	250.00	0.00090
-17.00	250.00	0.00093	-15.00	250.00	0.00094
-13.00	250.00	0.00096	-11.00	250.00	0.00097
-9.00	250.00	0.00098	9.00	250.00	0.00099
11.00	250.00	0.00098	13.00	250.00	0.00097
15.00	250.00	0.00096	17.00	250.00	0.00094

*** 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	0.00092	25.00	250.00	0.00088
30.00	250.00	0.00084	40.00	250.00	0.00077
50.00	250.00	0.00070	60.00	250.00	0.00064
70.00	250.00	0.00058	80.00	250.00	0.00052
90.00	250.00	0.00046	100.00	250.00	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 63
CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00036	-90.00	-250.00	0.00037
-80.00	-250.00	0.00037	-70.00	-250.00	0.00036
-60.00	-250.00	0.00035	-50.00	-250.00	0.00034
-40.00	-250.00	0.00033	-30.00	-250.00	0.00031
-25.00	-250.00	0.00030	-20.00	-250.00	0.00029
-17.00	-250.00	0.00029	-15.00	-250.00	0.00028
-13.00	-250.00	0.00028	-11.00	-250.00	0.00028
-9.00	-250.00	0.00027	9.00	-250.00	0.00024
11.00	-250.00	0.00024	13.00	-250.00	0.00024
15.00	-250.00	0.00023	17.00	-250.00	0.00023
20.00	-250.00	0.00023	25.00	-250.00	0.00022
30.00	-250.00	0.00021	40.00	-250.00	0.00020
50.00	-250.00	0.00018	60.00	-250.00	0.00017
70.00	-250.00	0.00016	80.00	-250.00	0.00014
90.00	-250.00	0.00013	100.00	-250.00	0.00012
-100.00	-240.00	0.00039	-90.00	-240.00	0.00039
-80.00	-240.00	0.00040	-70.00	-240.00	0.00039
-60.00	-240.00	0.00038	-50.00	-240.00	0.00037
-40.00	-240.00	0.00035	-30.00	-240.00	0.00034
-25.00	-240.00	0.00033	-20.00	-240.00	0.00032
-17.00	-240.00	0.00031	-15.00	-240.00	0.00031
-13.00	-240.00	0.00030	-11.00	-240.00	0.00030
-9.00	-240.00	0.00030	9.00	-240.00	0.00026

11.00	-240.00	0.00026	13.00	-240.00	0.00025
15.00	-240.00	0.00025	17.00	-240.00	0.00025
20.00	-240.00	0.00024	25.00	-240.00	0.00023
30.00	-240.00	0.00023	40.00	-240.00	0.00021
50.00	-240.00	0.00019	60.00	-240.00	0.00018
70.00	-240.00	0.00016	80.00	-240.00	0.00015
90.00	-240.00	0.00014	100.00	-240.00	0.00012
-100.00	-230.00	0.00041	-90.00	-230.00	0.00042
-80.00	-230.00	0.00043	-70.00	-230.00	0.00043
-60.00	-230.00	0.00042	-50.00	-230.00	0.00041
-40.00	-230.00	0.00039	-30.00	-230.00	0.00037
-25.00	-230.00	0.00036	-20.00	-230.00	0.00035
-17.00	-230.00	0.00034	-15.00	-230.00	0.00033
-13.00	-230.00	0.00033	-11.00	-230.00	0.00033
-9.00	-230.00	0.00032	9.00	-230.00	0.00028
11.00	-230.00	0.00028	13.00	-230.00	0.00027
15.00	-230.00	0.00027	17.00	-230.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 64
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00026	25.00	-230.00	0.00025
30.00	-230.00	0.00024	40.00	-230.00	0.00022
50.00	-230.00	0.00021	60.00	-230.00	0.00019
70.00	-230.00	0.00017	80.00	-230.00	0.00016
90.00	-230.00	0.00014	100.00	-230.00	0.00013
-100.00	-220.00	0.00044	-90.00	-220.00	0.00046
-80.00	-220.00	0.00046	-70.00	-220.00	0.00046
-60.00	-220.00	0.00046	-50.00	-220.00	0.00044
-40.00	-220.00	0.00042	-30.00	-220.00	0.00040
-25.00	-220.00	0.00039	-20.00	-220.00	0.00038
-17.00	-220.00	0.00037	-15.00	-220.00	0.00036
-13.00	-220.00	0.00036	-11.00	-220.00	0.00035
-9.00	-220.00	0.00035	9.00	-220.00	0.00030
11.00	-220.00	0.00030	13.00	-220.00	0.00030
15.00	-220.00	0.00029	17.00	-220.00	0.00029
20.00	-220.00	0.00028	25.00	-220.00	0.00027
30.00	-220.00	0.00026	40.00	-220.00	0.00024

50.00	-220.00	0.00022	60.00	-220.00	0.00020
70.00	-220.00	0.00018	80.00	-220.00	0.00016
90.00	-220.00	0.00015	100.00	-220.00	0.00013
-100.00	-210.00	0.00048	-90.00	-210.00	0.00049
-80.00	-210.00	0.00050	-70.00	-210.00	0.00051
-60.00	-210.00	0.00050	-50.00	-210.00	0.00049
-40.00	-210.00	0.00047	-30.00	-210.00	0.00044
-25.00	-210.00	0.00043	-20.00	-210.00	0.00041
-17.00	-210.00	0.00041	-15.00	-210.00	0.00040
-13.00	-210.00	0.00039	-11.00	-210.00	0.00039
-9.00	-210.00	0.00038	9.00	-210.00	0.00033
11.00	-210.00	0.00033	13.00	-210.00	0.00032
15.00	-210.00	0.00032	17.00	-210.00	0.00031
20.00	-210.00	0.00030	25.00	-210.00	0.00029
30.00	-210.00	0.00028	40.00	-210.00	0.00026
50.00	-210.00	0.00023	60.00	-210.00	0.00021
70.00	-210.00	0.00019	80.00	-210.00	0.00017
90.00	-210.00	0.00015	100.00	-210.00	0.00014
-100.00	-200.00	0.00051	-90.00	-200.00	0.00053
-80.00	-200.00	0.00054	-70.00	-200.00	0.00055
-60.00	-200.00	0.00055	-50.00	-200.00	0.00054
-40.00	-200.00	0.00052	-30.00	-200.00	0.00049
-25.00	-200.00	0.00047	-20.00	-200.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 65
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00045	-15.00	-200.00	0.00044
-13.00	-200.00	0.00043	-11.00	-200.00	0.00043
-9.00	-200.00	0.00042	9.00	-200.00	0.00036
11.00	-200.00	0.00036	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	0.00032
30.00	-200.00	0.00030	40.00	-200.00	0.00028
50.00	-200.00	0.00025	60.00	-200.00	0.00022
70.00	-200.00	0.00020	80.00	-200.00	0.00018
90.00	-200.00	0.00016	100.00	-200.00	0.00015
-100.00	-190.00	0.00055	-90.00	-190.00	0.00057

-80.00	-190.00	0.00059	-70.00	-190.00	0.00060
-60.00	-190.00	0.00061	-50.00	-190.00	0.00060
-40.00	-190.00	0.00058	-30.00	-190.00	0.00054
-25.00	-190.00	0.00053	-20.00	-190.00	0.00051
-17.00	-190.00	0.00050	-15.00	-190.00	0.00049
-13.00	-190.00	0.00048	-11.00	-190.00	0.00047
-9.00	-190.00	0.00046	9.00	-190.00	0.00040
11.00	-190.00	0.00039	13.00	-190.00	0.00038
15.00	-190.00	0.00038	17.00	-190.00	0.00037
20.00	-190.00	0.00036	25.00	-190.00	0.00034
30.00	-190.00	0.00033	40.00	-190.00	0.00030
50.00	-190.00	0.00027	60.00	-190.00	0.00024
70.00	-190.00	0.00021	80.00	-190.00	0.00019
90.00	-190.00	0.00017	100.00	-190.00	0.00015
-100.00	-180.00	0.00059	-90.00	-180.00	0.00062
-80.00	-180.00	0.00064	-70.00	-180.00	0.00066
-60.00	-180.00	0.00067	-50.00	-180.00	0.00067
-40.00	-180.00	0.00064	-30.00	-180.00	0.00061
-25.00	-180.00	0.00059	-20.00	-180.00	0.00057
-17.00	-180.00	0.00055	-15.00	-180.00	0.00054
-13.00	-180.00	0.00053	-11.00	-180.00	0.00053
-9.00	-180.00	0.00052	9.00	-180.00	0.00044
11.00	-180.00	0.00043	13.00	-180.00	0.00042
15.00	-180.00	0.00041	17.00	-180.00	0.00040
20.00	-180.00	0.00039	25.00	-180.00	0.00037
30.00	-180.00	0.00036	40.00	-180.00	0.00032
50.00	-180.00	0.00028	60.00	-180.00	0.00025
70.00	-180.00	0.00022	80.00	-180.00	0.00020
90.00	-180.00	0.00018	100.00	-180.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 66
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00063	-90.00	-170.00	0.00067
-80.00	-170.00	0.00070	-70.00	-170.00	0.00073
-60.00	-170.00	0.00074	-50.00	-170.00	0.00074
-40.00	-170.00	0.00072	-30.00	-170.00	0.00068
-25.00	-170.00	0.00066	-20.00	-170.00	0.00064

-17.00	-170.00	0.00062	-15.00	-170.00	0.00061
-13.00	-170.00	0.00060	-11.00	-170.00	0.00059
-9.00	-170.00	0.00058	9.00	-170.00	0.00048
11.00	-170.00	0.00047	13.00	-170.00	0.00046
15.00	-170.00	0.00045	17.00	-170.00	0.00044
20.00	-170.00	0.00043	25.00	-170.00	0.00041
30.00	-170.00	0.00039	40.00	-170.00	0.00035
50.00	-170.00	0.00030	60.00	-170.00	0.00027
70.00	-170.00	0.00023	80.00	-170.00	0.00021
90.00	-170.00	0.00019	100.00	-170.00	0.00017
-100.00	-160.00	0.00068	-90.00	-160.00	0.00072
-80.00	-160.00	0.00077	-70.00	-160.00	0.00080
-60.00	-160.00	0.00083	-50.00	-160.00	0.00083
-40.00	-160.00	0.00082	-30.00	-160.00	0.00078
-25.00	-160.00	0.00075	-20.00	-160.00	0.00072
-17.00	-160.00	0.00070	-15.00	-160.00	0.00069
-13.00	-160.00	0.00068	-11.00	-160.00	0.00066
-9.00	-160.00	0.00065	9.00	-160.00	0.00054
11.00	-160.00	0.00052	13.00	-160.00	0.00051
15.00	-160.00	0.00050	17.00	-160.00	0.00049
20.00	-160.00	0.00048	25.00	-160.00	0.00045
30.00	-160.00	0.00042	40.00	-160.00	0.00037
50.00	-160.00	0.00032	60.00	-160.00	0.00028
70.00	-160.00	0.00025	80.00	-160.00	0.00022
90.00	-160.00	0.00020	100.00	-160.00	0.00018
-100.00	-150.00	0.00073	-90.00	-150.00	0.00078
-80.00	-150.00	0.00084	-70.00	-150.00	0.00088
-60.00	-150.00	0.00092	-50.00	-150.00	0.00094
-40.00	-150.00	0.00093	-30.00	-150.00	0.00089
-25.00	-150.00	0.00086	-20.00	-150.00	0.00082
-17.00	-150.00	0.00080	-15.00	-150.00	0.00078
-13.00	-150.00	0.00077	-11.00	-150.00	0.00075
-9.00	-150.00	0.00074	9.00	-150.00	0.00060
11.00	-150.00	0.00059	13.00	-150.00	0.00057
15.00	-150.00	0.00056	17.00	-150.00	0.00055

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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
20.00	-150.00	0.00053	25.00	-150.00	0.00050
30.00	-150.00	0.00047	40.00	-150.00	0.00040
50.00	-150.00	0.00035	60.00	-150.00	0.00030
70.00	-150.00	0.00026	80.00	-150.00	0.00023
90.00	-150.00	0.00021	100.00	-150.00	0.00019
-100.00	-140.00	0.00079	-90.00	-140.00	0.00085
-80.00	-140.00	0.00091	-70.00	-140.00	0.00097
-60.00	-140.00	0.00102	-50.00	-140.00	0.00106
-40.00	-140.00	0.00106	-30.00	-140.00	0.00102
-25.00	-140.00	0.00099	-20.00	-140.00	0.00095
-17.00	-140.00	0.00092	-15.00	-140.00	0.00090
-13.00	-140.00	0.00088	-11.00	-140.00	0.00086
-9.00	-140.00	0.00084	9.00	-140.00	0.00067
11.00	-140.00	0.00066	13.00	-140.00	0.00064
15.00	-140.00	0.00063	17.00	-140.00	0.00061
20.00	-140.00	0.00059	25.00	-140.00	0.00055
30.00	-140.00	0.00051	40.00	-140.00	0.00044
50.00	-140.00	0.00037	60.00	-140.00	0.00032
70.00	-140.00	0.00028	80.00	-140.00	0.00025
90.00	-140.00	0.00022	100.00	-140.00	0.00020
-100.00	-130.00	0.00084	-90.00	-130.00	0.00092
-80.00	-130.00	0.00099	-70.00	-130.00	0.00107
-60.00	-130.00	0.00114	-50.00	-130.00	0.00120
-40.00	-130.00	0.00122	-30.00	-130.00	0.00119
-25.00	-130.00	0.00115	-20.00	-130.00	0.00110
-17.00	-130.00	0.00107	-15.00	-130.00	0.00105
-13.00	-130.00	0.00102	-11.00	-130.00	0.00100
-9.00	-130.00	0.00097	9.00	-130.00	0.00076
11.00	-130.00	0.00074	13.00	-130.00	0.00072
15.00	-130.00	0.00070	17.00	-130.00	0.00069
20.00	-130.00	0.00066	25.00	-130.00	0.00061
30.00	-130.00	0.00056	40.00	-130.00	0.00047
50.00	-130.00	0.00040	60.00	-130.00	0.00034
70.00	-130.00	0.00030	80.00	-130.00	0.00027
90.00	-130.00	0.00024	100.00	-130.00	0.00021
-100.00	-120.00	0.00090	-90.00	-120.00	0.00099
-80.00	-120.00	0.00108	-70.00	-120.00	0.00118
-60.00	-120.00	0.00127	-50.00	-120.00	0.00135
-40.00	-120.00	0.00140	-30.00	-120.00	0.00139
-25.00	-120.00	0.00135	-20.00	-120.00	0.00130

*** 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	0.00126	-15.00	-120.00	0.00123
-13.00	-120.00	0.00120	-11.00	-120.00	0.00117
-9.00	-120.00	0.00114	9.00	-120.00	0.00087
11.00	-120.00	0.00085	13.00	-120.00	0.00082
15.00	-120.00	0.00080	17.00	-120.00	0.00077
20.00	-120.00	0.00074	25.00	-120.00	0.00067
30.00	-120.00	0.00062	40.00	-120.00	0.00051
50.00	-120.00	0.00043	60.00	-120.00	0.00037
70.00	-120.00	0.00032	80.00	-120.00	0.00028
90.00	-120.00	0.00025	100.00	-120.00	0.00022
-100.00	-110.00	0.00095	-90.00	-110.00	0.00106
-80.00	-110.00	0.00117	-70.00	-110.00	0.00129
-60.00	-110.00	0.00142	-50.00	-110.00	0.00153
-40.00	-110.00	0.00161	-30.00	-110.00	0.00163
-25.00	-110.00	0.00160	-20.00	-110.00	0.00154
-17.00	-110.00	0.00150	-15.00	-110.00	0.00146
-13.00	-110.00	0.00143	-11.00	-110.00	0.00139
-9.00	-110.00	0.00135	9.00	-110.00	0.00100
11.00	-110.00	0.00097	13.00	-110.00	0.00094
15.00	-110.00	0.00091	17.00	-110.00	0.00087
20.00	-110.00	0.00083	25.00	-110.00	0.00075
30.00	-110.00	0.00068	40.00	-110.00	0.00055
50.00	-110.00	0.00046	60.00	-110.00	0.00040
70.00	-110.00	0.00034	80.00	-110.00	0.00030
90.00	-110.00	0.00026	100.00	-110.00	0.00022
-100.00	-100.00	0.00100	-90.00	-100.00	0.00112
-80.00	-100.00	0.00126	-70.00	-100.00	0.00141
-60.00	-100.00	0.00157	-50.00	-100.00	0.00173
-40.00	-100.00	0.00186	-30.00	-100.00	0.00192
-25.00	-100.00	0.00191	-20.00	-100.00	0.00186
-17.00	-100.00	0.00181	-15.00	-100.00	0.00177
-13.00	-100.00	0.00172	-11.00	-100.00	0.00167
-9.00	-100.00	0.00162	9.00	-100.00	0.00116
11.00	-100.00	0.00112	13.00	-100.00	0.00108
15.00	-100.00	0.00103	17.00	-100.00	0.00099
20.00	-100.00	0.00093	25.00	-100.00	0.00083
30.00	-100.00	0.00074	40.00	-100.00	0.00060

50.00	-100.00	0.00050	60.00	-100.00	0.00042
70.00	-100.00	0.00036	80.00	-100.00	0.00031
90.00	-100.00	0.00027	100.00	-100.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 69
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00105	-90.00	-90.00	0.00119
-80.00	-90.00	0.00135	-70.00	-90.00	0.00153
-60.00	-90.00	0.00173	-50.00	-90.00	0.00194
-40.00	-90.00	0.00214	-30.00	-90.00	0.00227
-25.00	-90.00	0.00229	-20.00	-90.00	0.00225
-17.00	-90.00	0.00220	-15.00	-90.00	0.00216
-13.00	-90.00	0.00210	-11.00	-90.00	0.00204
-9.00	-90.00	0.00198	9.00	-90.00	0.00135
11.00	-90.00	0.00129	13.00	-90.00	0.00123
15.00	-90.00	0.00118	17.00	-90.00	0.00112
20.00	-90.00	0.00104	25.00	-90.00	0.00091
30.00	-90.00	0.00081	40.00	-90.00	0.00065
50.00	-90.00	0.00054	60.00	-90.00	0.00045
70.00	-90.00	0.00038	80.00	-90.00	0.00032
90.00	-90.00	0.00027	100.00	-90.00	0.00023
-100.00	-80.00	0.00108	-90.00	-80.00	0.00124
-80.00	-80.00	0.00143	-70.00	-80.00	0.00164
-60.00	-80.00	0.00189	-50.00	-80.00	0.00216
-40.00	-80.00	0.00244	-30.00	-80.00	0.00266
-25.00	-80.00	0.00273	-20.00	-80.00	0.00274
-17.00	-80.00	0.00271	-15.00	-80.00	0.00267
-13.00	-80.00	0.00261	-11.00	-80.00	0.00254
-9.00	-80.00	0.00245	9.00	-80.00	0.00158
11.00	-80.00	0.00149	13.00	-80.00	0.00141
15.00	-80.00	0.00133	17.00	-80.00	0.00125
20.00	-80.00	0.00115	25.00	-80.00	0.00101
30.00	-80.00	0.00089	40.00	-80.00	0.00071
50.00	-80.00	0.00057	60.00	-80.00	0.00047
70.00	-80.00	0.00039	80.00	-80.00	0.00033
90.00	-80.00	0.00028	100.00	-80.00	0.00024
-100.00	-70.00	0.00110	-90.00	-70.00	0.00128

-80.00	-70.00	0.00149	-70.00	-70.00	0.00173
-60.00	-70.00	0.00203	-50.00	-70.00	0.00236
-40.00	-70.00	0.00273	-30.00	-70.00	0.00309
-25.00	-70.00	0.00323	-20.00	-70.00	0.00331
-17.00	-70.00	0.00332	-15.00	-70.00	0.00330
-13.00	-70.00	0.00326	-11.00	-70.00	0.00319
-9.00	-70.00	0.00310	9.00	-70.00	0.00182
11.00	-70.00	0.00170	13.00	-70.00	0.00159
15.00	-70.00	0.00149	17.00	-70.00	0.00140

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00127	25.00	-70.00	0.00110
30.00	-70.00	0.00096	40.00	-70.00	0.00075
50.00	-70.00	0.00060	60.00	-70.00	0.00049
70.00	-70.00	0.00041	80.00	-70.00	0.00034
90.00	-70.00	0.00028	100.00	-70.00	0.00024
-100.00	-60.00	0.00111	-90.00	-60.00	0.00129
-80.00	-60.00	0.00152	-70.00	-60.00	0.00179
-60.00	-60.00	0.00213	-50.00	-60.00	0.00252
-40.00	-60.00	0.00299	-30.00	-60.00	0.00348
-25.00	-60.00	0.00372	-20.00	-60.00	0.00392
-17.00	-60.00	0.00401	-15.00	-60.00	0.00405
-13.00	-60.00	0.00406	-11.00	-60.00	0.00404
-9.00	-60.00	0.00396	9.00	-60.00	0.00208
11.00	-60.00	0.00192	13.00	-60.00	0.00177
15.00	-60.00	0.00165	17.00	-60.00	0.00154
20.00	-60.00	0.00139	25.00	-60.00	0.00119
30.00	-60.00	0.00103	40.00	-60.00	0.00079
50.00	-60.00	0.00063	60.00	-60.00	0.00051
70.00	-60.00	0.00042	80.00	-60.00	0.00035
90.00	-60.00	0.00029	100.00	-60.00	0.00024
-100.00	-50.00	0.00109	-90.00	-50.00	0.00129
-80.00	-50.00	0.00152	-70.00	-50.00	0.00181
-60.00	-50.00	0.00217	-50.00	-50.00	0.00261
-40.00	-50.00	0.00315	-30.00	-50.00	0.00376
-25.00	-50.00	0.00409	-20.00	-50.00	0.00443

-17.00	-50.00	0.00462	-15.00	-50.00	0.00475
-13.00	-50.00	0.00487	-11.00	-50.00	0.00499
-9.00	-50.00	0.00510	9.00	-50.00	0.00233
11.00	-50.00	0.00212	13.00	-50.00	0.00194
15.00	-50.00	0.00179	17.00	-50.00	0.00165
20.00	-50.00	0.00149	25.00	-50.00	0.00126
30.00	-50.00	0.00109	40.00	-50.00	0.00083
50.00	-50.00	0.00066	60.00	-50.00	0.00053
70.00	-50.00	0.00043	80.00	-50.00	0.00036
90.00	-50.00	0.00030	100.00	-50.00	0.00025
-100.00	-40.00	0.00106	-90.00	-40.00	0.00126
-80.00	-40.00	0.00149	-70.00	-40.00	0.00179
-60.00	-40.00	0.00216	-50.00	-40.00	0.00263
-40.00	-40.00	0.00320	-30.00	-40.00	0.00387
-25.00	-40.00	0.00425	-20.00	-40.00	0.00465

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00490	-15.00	-40.00	0.00508
-13.00	-40.00	0.00526	-11.00	-40.00	0.00548
-9.00	-40.00	0.00575	9.00	-40.00	0.00275
11.00	-40.00	0.00244	13.00	-40.00	0.00220
15.00	-40.00	0.00201	17.00	-40.00	0.00185
20.00	-40.00	0.00165	25.00	-40.00	0.00139
30.00	-40.00	0.00118	40.00	-40.00	0.00090
50.00	-40.00	0.00070	60.00	-40.00	0.00056
70.00	-40.00	0.00045	80.00	-40.00	0.00037
90.00	-40.00	0.00031	100.00	-40.00	0.00026
-100.00	-30.00	0.00102	-90.00	-30.00	0.00120
-80.00	-30.00	0.00143	-70.00	-30.00	0.00173
-60.00	-30.00	0.00209	-50.00	-30.00	0.00255
-40.00	-30.00	0.00312	-30.00	-30.00	0.00381
-25.00	-30.00	0.00421	-20.00	-30.00	0.00465
-17.00	-30.00	0.00494	-15.00	-30.00	0.00515
-13.00	-30.00	0.00538	-11.00	-30.00	0.00567
-9.00	-30.00	0.00607	9.00	-30.00	0.00375
11.00	-30.00	0.00323	13.00	-30.00	0.00284

15.00	-30.00	0.00254	17.00	-30.00	0.00229
20.00	-30.00	0.00199	25.00	-30.00	0.00162
30.00	-30.00	0.00136	40.00	-30.00	0.00100
50.00	-30.00	0.00077	60.00	-30.00	0.00060
70.00	-30.00	0.00048	80.00	-30.00	0.00039
90.00	-30.00	0.00032	100.00	-30.00	0.00027
-100.00	-20.00	0.00095	-90.00	-20.00	0.00112
-80.00	-20.00	0.00134	-70.00	-20.00	0.00161
-60.00	-20.00	0.00196	-50.00	-20.00	0.00241
-40.00	-20.00	0.00297	-30.00	-20.00	0.00368
-25.00	-20.00	0.00411	-20.00	-20.00	0.00460
-17.00	-20.00	0.00495	-15.00	-20.00	0.00523
-13.00	-20.00	0.00556	-11.00	-20.00	0.00597
-9.00	-20.00	0.00656	9.00	-20.00	0.00470
11.00	-20.00	0.00405	13.00	-20.00	0.00356
15.00	-20.00	0.00316	17.00	-20.00	0.00282
20.00	-20.00	0.00242	25.00	-20.00	0.00194
30.00	-20.00	0.00159	40.00	-20.00	0.00114
50.00	-20.00	0.00085	60.00	-20.00	0.00066
70.00	-20.00	0.00052	80.00	-20.00	0.00042
90.00	-20.00	0.00035	100.00	-20.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00087	-90.00	-10.00	0.00103
-80.00	-10.00	0.00123	-70.00	-10.00	0.00148
-60.00	-10.00	0.00180	-50.00	-10.00	0.00223
-40.00	-10.00	0.00278	-30.00	-10.00	0.00349
-25.00	-10.00	0.00395	-20.00	-10.00	0.00452
-17.00	-10.00	0.00495	-15.00	-10.00	0.00531
-13.00	-10.00	0.00574	-11.00	-10.00	0.00628
-9.00	-10.00	0.00700	9.00	-10.00	0.00540
11.00	-10.00	0.00469	13.00	-10.00	0.00414
15.00	-10.00	0.00368	17.00	-10.00	0.00330
20.00	-10.00	0.00284	25.00	-10.00	0.00226
30.00	-10.00	0.00184	40.00	-10.00	0.00129
50.00	-10.00	0.00094	60.00	-10.00	0.00072

70.00	-10.00	0.00056	80.00	-10.00	0.00045
90.00	-10.00	0.00037	100.00	-10.00	0.00031
-100.00	0.00	0.00079	-90.00	0.00	0.00093
-80.00	0.00	0.00110	-70.00	0.00	0.00133
-60.00	0.00	0.00163	-50.00	0.00	0.00202
-40.00	0.00	0.00253	-30.00	0.00	0.00324
-25.00	0.00	0.00373	-20.00	0.00	0.00436
-17.00	0.00	0.00487	-15.00	0.00	0.00529
-13.00	0.00	0.00581	-11.00	0.00	0.00644
-9.00	0.00	0.00725	9.00	0.00	0.00589
11.00	0.00	0.00514	13.00	0.00	0.00456
15.00	0.00	0.00408	17.00	0.00	0.00367
20.00	0.00	0.00318	25.00	0.00	0.00254
30.00	0.00	0.00207	40.00	0.00	0.00144
50.00	0.00	0.00104	60.00	0.00	0.00079
70.00	0.00	0.00061	80.00	0.00	0.00049
90.00	0.00	0.00040	100.00	0.00	0.00034
-100.00	10.00	0.00070	-90.00	10.00	0.00082
-80.00	10.00	0.00098	-70.00	10.00	0.00118
-60.00	10.00	0.00144	-50.00	10.00	0.00178
-40.00	10.00	0.00225	-30.00	10.00	0.00293
-25.00	10.00	0.00342	-20.00	10.00	0.00410
-17.00	10.00	0.00465	-15.00	10.00	0.00512
-13.00	10.00	0.00568	-11.00	10.00	0.00638
-9.00	10.00	0.00725	9.00	10.00	0.00619
11.00	10.00	0.00543	13.00	10.00	0.00484
15.00	10.00	0.00436	17.00	10.00	0.00394

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00343	25.00	10.00	0.00277
30.00	10.00	0.00227	40.00	10.00	0.00158
50.00	10.00	0.00115	60.00	10.00	0.00087
70.00	10.00	0.00067	80.00	10.00	0.00054
90.00	10.00	0.00044	100.00	10.00	0.00036
-100.00	20.00	0.00063	-90.00	20.00	0.00073
-80.00	20.00	0.00086	-70.00	20.00	0.00103

-60.00	20.00	0.00125	-50.00	20.00	0.00154
-40.00	20.00	0.00195	-30.00	20.00	0.00257
-25.00	20.00	0.00304	-20.00	20.00	0.00371
-17.00	20.00	0.00427	-15.00	20.00	0.00475
-13.00	20.00	0.00533	-11.00	20.00	0.00605
-9.00	20.00	0.00697	9.00	20.00	0.00634
11.00	20.00	0.00559	13.00	20.00	0.00501
15.00	20.00	0.00454	17.00	20.00	0.00413
20.00	20.00	0.00361	25.00	20.00	0.00293
30.00	20.00	0.00242	40.00	20.00	0.00170
50.00	20.00	0.00125	60.00	20.00	0.00094
70.00	20.00	0.00073	80.00	20.00	0.00058
90.00	20.00	0.00047	100.00	20.00	0.00039
-100.00	30.00	0.00056	-90.00	30.00	0.00065
-80.00	30.00	0.00076	-70.00	30.00	0.00090
-60.00	30.00	0.00108	-50.00	30.00	0.00132
-40.00	30.00	0.00166	-30.00	30.00	0.00220
-25.00	30.00	0.00261	-20.00	30.00	0.00323
-17.00	30.00	0.00375	-15.00	30.00	0.00420
-13.00	30.00	0.00476	-11.00	30.00	0.00545
-9.00	30.00	0.00636	9.00	30.00	0.00638
11.00	30.00	0.00566	13.00	30.00	0.00509
15.00	30.00	0.00463	17.00	30.00	0.00423
20.00	30.00	0.00372	25.00	30.00	0.00305
30.00	30.00	0.00254	40.00	30.00	0.00182
50.00	30.00	0.00134	60.00	30.00	0.00102
70.00	30.00	0.00079	80.00	30.00	0.00063
90.00	30.00	0.00051	100.00	30.00	0.00042
-100.00	40.00	0.00050	-90.00	40.00	0.00058
-80.00	40.00	0.00067	-70.00	40.00	0.00079
-60.00	40.00	0.00094	-50.00	40.00	0.00115
-40.00	40.00	0.00144	-30.00	40.00	0.00190
-25.00	40.00	0.00226	-20.00	40.00	0.00279

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00324	-15.00	40.00	0.00361

-13.00	40.00	0.00408	-11.00	40.00	0.00466
-9.00	40.00	0.00543	9.00	40.00	0.00635
11.00	40.00	0.00567	13.00	40.00	0.00512
15.00	40.00	0.00468	17.00	40.00	0.00429
20.00	40.00	0.00380	25.00	40.00	0.00314
30.00	40.00	0.00263	40.00	40.00	0.00190
50.00	40.00	0.00141	60.00	40.00	0.00107
70.00	40.00	0.00084	80.00	40.00	0.00067
90.00	40.00	0.00054	100.00	40.00	0.00044
-100.00	50.00	0.00045	-90.00	50.00	0.00052
-80.00	50.00	0.00060	-70.00	50.00	0.00070
-60.00	50.00	0.00084	-50.00	50.00	0.00102
-40.00	50.00	0.00129	-30.00	50.00	0.00172
-25.00	50.00	0.00207	-20.00	50.00	0.00257
-17.00	50.00	0.00298	-15.00	50.00	0.00332
-13.00	50.00	0.00373	-11.00	50.00	0.00424
-9.00	50.00	0.00486	9.00	50.00	0.00605
11.00	50.00	0.00549	13.00	50.00	0.00500
15.00	50.00	0.00459	17.00	50.00	0.00423
20.00	50.00	0.00376	25.00	50.00	0.00313
30.00	50.00	0.00264	40.00	50.00	0.00193
50.00	50.00	0.00145	60.00	50.00	0.00111
70.00	50.00	0.00087	80.00	50.00	0.00069
90.00	50.00	0.00056	100.00	50.00	0.00046
-100.00	60.00	0.00041	-90.00	60.00	0.00047
-80.00	60.00	0.00055	-70.00	60.00	0.00064
-60.00	60.00	0.00077	-50.00	60.00	0.00095
-40.00	60.00	0.00122	-30.00	60.00	0.00166
-25.00	60.00	0.00201	-20.00	60.00	0.00250
-17.00	60.00	0.00290	-15.00	60.00	0.00322
-13.00	60.00	0.00360	-11.00	60.00	0.00405
-9.00	60.00	0.00455	9.00	60.00	0.00509
11.00	60.00	0.00475	13.00	60.00	0.00443
15.00	60.00	0.00414	17.00	60.00	0.00387
20.00	60.00	0.00350	25.00	60.00	0.00298
30.00	60.00	0.00255	40.00	60.00	0.00190
50.00	60.00	0.00145	60.00	60.00	0.00113
70.00	60.00	0.00089	80.00	60.00	0.00072
90.00	60.00	0.00058	100.00	60.00	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 75
CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00038	-90.00	70.00	0.00044
-80.00	70.00	0.00051	-70.00	70.00	0.00061
-60.00	70.00	0.00073	-50.00	70.00	0.00091
-40.00	70.00	0.00117	-30.00	70.00	0.00161
-25.00	70.00	0.00194	-20.00	70.00	0.00240
-17.00	70.00	0.00275	-15.00	70.00	0.00302
-13.00	70.00	0.00332	-11.00	70.00	0.00364
-9.00	70.00	0.00396	9.00	70.00	0.00415
11.00	70.00	0.00394	13.00	70.00	0.00373
15.00	70.00	0.00354	17.00	70.00	0.00335
20.00	70.00	0.00309	25.00	70.00	0.00270
30.00	70.00	0.00237	40.00	70.00	0.00183
50.00	70.00	0.00142	60.00	70.00	0.00112
70.00	70.00	0.00089	80.00	70.00	0.00072
90.00	70.00	0.00059	100.00	70.00	0.00049
-100.00	80.00	0.00037	-90.00	80.00	0.00042
-80.00	80.00	0.00049	-70.00	80.00	0.00058
-60.00	80.00	0.00070	-50.00	80.00	0.00087
-40.00	80.00	0.00112	-30.00	80.00	0.00154
-25.00	80.00	0.00184	-20.00	80.00	0.00223
-17.00	80.00	0.00251	-15.00	80.00	0.00272
-13.00	80.00	0.00293	-11.00	80.00	0.00313
-9.00	80.00	0.00333	9.00	80.00	0.00339
11.00	80.00	0.00325	13.00	80.00	0.00312
15.00	80.00	0.00299	17.00	80.00	0.00286
20.00	80.00	0.00268	25.00	80.00	0.00239
30.00	80.00	0.00214	40.00	80.00	0.00170
50.00	80.00	0.00136	60.00	80.00	0.00109
70.00	80.00	0.00088	80.00	80.00	0.00072
90.00	80.00	0.00060	100.00	80.00	0.00050
-100.00	90.00	0.00035	-90.00	90.00	0.00041
-80.00	90.00	0.00047	-70.00	90.00	0.00056
-60.00	90.00	0.00067	-50.00	90.00	0.00083
-40.00	90.00	0.00107	-30.00	90.00	0.00145
-25.00	90.00	0.00171	-20.00	90.00	0.00203
-17.00	90.00	0.00224	-15.00	90.00	0.00239
-13.00	90.00	0.00253	-11.00	90.00	0.00266
-9.00	90.00	0.00277	9.00	90.00	0.00280
11.00	90.00	0.00271	13.00	90.00	0.00262

15.00	90.00	0.00252	17.00	90.00	0.00243

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 76
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00230	25.00	90.00	0.00209
30.00	90.00	0.00190	40.00	90.00	0.00156
50.00	90.00	0.00128	60.00	90.00	0.00105
70.00	90.00	0.00086	80.00	90.00	0.00071
90.00	90.00	0.00059	100.00	90.00	0.00050
-100.00	100.00	0.00034	-90.00	100.00	0.00039
-80.00	100.00	0.00045	-70.00	100.00	0.00053
-60.00	100.00	0.00064	-50.00	100.00	0.00079
-40.00	100.00	0.00102	-30.00	100.00	0.00135
-25.00	100.00	0.00157	-20.00	100.00	0.00182
-17.00	100.00	0.00197	-15.00	100.00	0.00207
-13.00	100.00	0.00216	-11.00	100.00	0.00225
-9.00	100.00	0.00232	9.00	100.00	0.00234
11.00	100.00	0.00228	13.00	100.00	0.00221
15.00	100.00	0.00215	17.00	100.00	0.00208
20.00	100.00	0.00198	25.00	100.00	0.00183
30.00	100.00	0.00168	40.00	100.00	0.00142
50.00	100.00	0.00119	60.00	100.00	0.00099
70.00	100.00	0.00083	80.00	100.00	0.00070
90.00	100.00	0.00059	100.00	100.00	0.00050
-100.00	110.00	0.00033	-90.00	110.00	0.00037
-80.00	110.00	0.00043	-70.00	110.00	0.00051
-60.00	110.00	0.00061	-50.00	110.00	0.00075
-40.00	110.00	0.00096	-30.00	110.00	0.00125
-25.00	110.00	0.00143	-20.00	110.00	0.00162
-17.00	110.00	0.00173	-15.00	110.00	0.00179
-13.00	110.00	0.00186	-11.00	110.00	0.00191
-9.00	110.00	0.00196	9.00	110.00	0.00197
11.00	110.00	0.00193	13.00	110.00	0.00189
15.00	110.00	0.00184	17.00	110.00	0.00179
20.00	110.00	0.00171	25.00	110.00	0.00160
30.00	110.00	0.00148	40.00	110.00	0.00128
50.00	110.00	0.00110	60.00	110.00	0.00093

70.00	110.00	0.00079	80.00	110.00	0.00067
90.00	110.00	0.00057	100.00	110.00	0.00049
-100.00	120.00	0.00031	-90.00	120.00	0.00036
-80.00	120.00	0.00041	-70.00	120.00	0.00048
-60.00	120.00	0.00058	-50.00	120.00	0.00071
-40.00	120.00	0.00090	-30.00	120.00	0.00114
-25.00	120.00	0.00129	-20.00	120.00	0.00143

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 77
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00151	-15.00	120.00	0.00156
-13.00	120.00	0.00160	-11.00	120.00	0.00164
-9.00	120.00	0.00168	9.00	120.00	0.00169
11.00	120.00	0.00166	13.00	120.00	0.00162
15.00	120.00	0.00159	17.00	120.00	0.00155
20.00	120.00	0.00149	25.00	120.00	0.00140
30.00	120.00	0.00131	40.00	120.00	0.00115
50.00	120.00	0.00100	60.00	120.00	0.00087
70.00	120.00	0.00075	80.00	120.00	0.00064
90.00	120.00	0.00055	100.00	120.00	0.00048
-100.00	130.00	0.00030	-90.00	130.00	0.00034
-80.00	130.00	0.00040	-70.00	130.00	0.00046
-60.00	130.00	0.00055	-50.00	130.00	0.00067
-40.00	130.00	0.00084	-30.00	130.00	0.00105
-25.00	130.00	0.00116	-20.00	130.00	0.00127
-17.00	130.00	0.00133	-15.00	130.00	0.00136
-13.00	130.00	0.00139	-11.00	130.00	0.00142
-9.00	130.00	0.00145	9.00	130.00	0.00146
11.00	130.00	0.00143	13.00	130.00	0.00141
15.00	130.00	0.00138	17.00	130.00	0.00136
20.00	130.00	0.00131	25.00	130.00	0.00124
30.00	130.00	0.00117	40.00	130.00	0.00104
50.00	130.00	0.00092	60.00	130.00	0.00081
70.00	130.00	0.00070	80.00	130.00	0.00061
90.00	130.00	0.00053	100.00	130.00	0.00046
-100.00	140.00	0.00029	-90.00	140.00	0.00033
-80.00	140.00	0.00038	-70.00	140.00	0.00044

-60.00	140.00	0.00053	-50.00	140.00	0.00064
-40.00	140.00	0.00078	-30.00	140.00	0.00096
-25.00	140.00	0.00105	-20.00	140.00	0.00113
-17.00	140.00	0.00117	-15.00	140.00	0.00120
-13.00	140.00	0.00122	-11.00	140.00	0.00124
-9.00	140.00	0.00126	9.00	140.00	0.00127
11.00	140.00	0.00125	13.00	140.00	0.00123
15.00	140.00	0.00122	17.00	140.00	0.00119
20.00	140.00	0.00116	25.00	140.00	0.00110
30.00	140.00	0.00104	40.00	140.00	0.00093
50.00	140.00	0.00084	60.00	140.00	0.00075
70.00	140.00	0.00066	80.00	140.00	0.00058
90.00	140.00	0.00051	100.00	140.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 78
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00028	-90.00	150.00	0.00032
-80.00	150.00	0.00036	-70.00	150.00	0.00042
-60.00	150.00	0.00050	-50.00	150.00	0.00060
-40.00	150.00	0.00073	-30.00	150.00	0.00087
-25.00	150.00	0.00094	-20.00	150.00	0.00101
-17.00	150.00	0.00104	-15.00	150.00	0.00106
-13.00	150.00	0.00108	-11.00	150.00	0.00109
-9.00	150.00	0.00111	9.00	150.00	0.00111
11.00	150.00	0.00110	13.00	150.00	0.00109
15.00	150.00	0.00107	17.00	150.00	0.00106
20.00	150.00	0.00103	25.00	150.00	0.00098
30.00	150.00	0.00093	40.00	150.00	0.00085
50.00	150.00	0.00076	60.00	150.00	0.00069
70.00	150.00	0.00062	80.00	150.00	0.00055
90.00	150.00	0.00049	100.00	150.00	0.00043
-100.00	160.00	0.00027	-90.00	160.00	0.00030
-80.00	160.00	0.00035	-70.00	160.00	0.00040
-60.00	160.00	0.00047	-50.00	160.00	0.00057
-40.00	160.00	0.00068	-30.00	160.00	0.00080
-25.00	160.00	0.00085	-20.00	160.00	0.00090
-17.00	160.00	0.00093	-15.00	160.00	0.00094

-13.00	160.00	0.00096	-11.00	160.00	0.00097
-9.00	160.00	0.00098	9.00	160.00	0.00099
11.00	160.00	0.00098	13.00	160.00	0.00097
15.00	160.00	0.00096	17.00	160.00	0.00094
20.00	160.00	0.00092	25.00	160.00	0.00088
30.00	160.00	0.00084	40.00	160.00	0.00077
50.00	160.00	0.00070	60.00	160.00	0.00064
70.00	160.00	0.00058	80.00	160.00	0.00052
90.00	160.00	0.00046	100.00	160.00	0.00041
-100.00	170.00	0.00026	-90.00	170.00	0.00029
-80.00	170.00	0.00033	-70.00	170.00	0.00038
-60.00	170.00	0.00045	-50.00	170.00	0.00053
-40.00	170.00	0.00063	-30.00	170.00	0.00073
-25.00	170.00	0.00077	-20.00	170.00	0.00081
-17.00	170.00	0.00083	-15.00	170.00	0.00085
-13.00	170.00	0.00086	-11.00	170.00	0.00087
-9.00	170.00	0.00087	9.00	170.00	0.00088
11.00	170.00	0.00087	13.00	170.00	0.00086
15.00	170.00	0.00086	17.00	170.00	0.00085

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 79
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00083	25.00	170.00	0.00080
30.00	170.00	0.00076	40.00	170.00	0.00070
50.00	170.00	0.00064	60.00	170.00	0.00059
70.00	170.00	0.00054	80.00	170.00	0.00049
90.00	170.00	0.00044	100.00	170.00	0.00040
-100.00	180.00	0.00025	-90.00	180.00	0.00028
-80.00	180.00	0.00032	-70.00	180.00	0.00037
-60.00	180.00	0.00043	-50.00	180.00	0.00050
-40.00	180.00	0.00059	-30.00	180.00	0.00067
-25.00	180.00	0.00071	-20.00	180.00	0.00074
-17.00	180.00	0.00075	-15.00	180.00	0.00076
-13.00	180.00	0.00077	-11.00	180.00	0.00078
-9.00	180.00	0.00078	9.00	180.00	0.00079
11.00	180.00	0.00078	13.00	180.00	0.00078
15.00	180.00	0.00077	17.00	180.00	0.00076

20.00	180.00	0.00075	25.00	180.00	0.00072
30.00	180.00	0.00070	40.00	180.00	0.00064
50.00	180.00	0.00059	60.00	180.00	0.00054
70.00	180.00	0.00050	80.00	180.00	0.00046
90.00	180.00	0.00042	100.00	180.00	0.00038
-100.00	190.00	0.00024	-90.00	190.00	0.00027
-80.00	190.00	0.00031	-70.00	190.00	0.00035
-60.00	190.00	0.00041	-50.00	190.00	0.00048
-40.00	190.00	0.00055	-30.00	190.00	0.00061
-25.00	190.00	0.00064	-20.00	190.00	0.00067
-17.00	190.00	0.00068	-15.00	190.00	0.00069
-13.00	190.00	0.00070	-11.00	190.00	0.00070
-9.00	190.00	0.00071	9.00	190.00	0.00071
11.00	190.00	0.00071	13.00	190.00	0.00070
15.00	190.00	0.00070	17.00	190.00	0.00069
20.00	190.00	0.00068	25.00	190.00	0.00066
30.00	190.00	0.00064	40.00	190.00	0.00059
50.00	190.00	0.00054	60.00	190.00	0.00050
70.00	190.00	0.00047	80.00	190.00	0.00043
90.00	190.00	0.00039	100.00	190.00	0.00036
-100.00	200.00	0.00023	-90.00	200.00	0.00026
-80.00	200.00	0.00029	-70.00	200.00	0.00034
-60.00	200.00	0.00039	-50.00	200.00	0.00045
-40.00	200.00	0.00051	-30.00	200.00	0.00057
-25.00	200.00	0.00059	-20.00	200.00	0.00061

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 80
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00062	-15.00	200.00	0.00063
-13.00	200.00	0.00063	-11.00	200.00	0.00064
-9.00	200.00	0.00064	9.00	200.00	0.00065
11.00	200.00	0.00064	13.00	200.00	0.00064
15.00	200.00	0.00063	17.00	200.00	0.00063
20.00	200.00	0.00062	25.00	200.00	0.00060
30.00	200.00	0.00058	40.00	200.00	0.00054
50.00	200.00	0.00050	60.00	200.00	0.00047
70.00	200.00	0.00044	80.00	200.00	0.00040

90.00	200.00	0.00037	100.00	200.00	0.00034
-100.00	210.00	0.00022	-90.00	210.00	0.00025
-80.00	210.00	0.00028	-70.00	210.00	0.00032
-60.00	210.00	0.00037	-50.00	210.00	0.00042
-40.00	210.00	0.00047	-30.00	210.00	0.00052
-25.00	210.00	0.00054	-20.00	210.00	0.00056
-17.00	210.00	0.00057	-15.00	210.00	0.00057
-13.00	210.00	0.00058	-11.00	210.00	0.00058
-9.00	210.00	0.00058	9.00	210.00	0.00059
11.00	210.00	0.00059	13.00	210.00	0.00058
15.00	210.00	0.00058	17.00	210.00	0.00057
20.00	210.00	0.00057	25.00	210.00	0.00055
30.00	210.00	0.00054	40.00	210.00	0.00050
50.00	210.00	0.00047	60.00	210.00	0.00044
70.00	210.00	0.00041	80.00	210.00	0.00038
90.00	210.00	0.00035	100.00	210.00	0.00033
-100.00	220.00	0.00021	-90.00	220.00	0.00024
-80.00	220.00	0.00027	-70.00	220.00	0.00031
-60.00	220.00	0.00035	-50.00	220.00	0.00040
-40.00	220.00	0.00044	-30.00	220.00	0.00048
-25.00	220.00	0.00050	-20.00	220.00	0.00051
-17.00	220.00	0.00052	-15.00	220.00	0.00053
-13.00	220.00	0.00053	-11.00	220.00	0.00053
-9.00	220.00	0.00054	9.00	220.00	0.00054
11.00	220.00	0.00054	13.00	220.00	0.00053
15.00	220.00	0.00053	17.00	220.00	0.00053
20.00	220.00	0.00052	25.00	220.00	0.00051
30.00	220.00	0.00049	40.00	220.00	0.00046
50.00	220.00	0.00043	60.00	220.00	0.00041
70.00	220.00	0.00038	80.00	220.00	0.00036
90.00	220.00	0.00033	100.00	220.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 81
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00021	-90.00	230.00	0.00023
-80.00	230.00	0.00026	-70.00	230.00	0.00030
-60.00	230.00	0.00033	-50.00	230.00	0.00038

-40.00	230.00	0.00041	-30.00	230.00	0.00045
-25.00	230.00	0.00046	-20.00	230.00	0.00047
-17.00	230.00	0.00048	-15.00	230.00	0.00048
-13.00	230.00	0.00049	-11.00	230.00	0.00049
-9.00	230.00	0.00049	9.00	230.00	0.00050
11.00	230.00	0.00049	13.00	230.00	0.00049
15.00	230.00	0.00049	17.00	230.00	0.00049
20.00	230.00	0.00048	25.00	230.00	0.00047
30.00	230.00	0.00046	40.00	230.00	0.00043
50.00	230.00	0.00040	60.00	230.00	0.00038
70.00	230.00	0.00036	80.00	230.00	0.00034
90.00	230.00	0.00031	100.00	230.00	0.00029
-100.00	240.00	0.00020	-90.00	240.00	0.00022
-80.00	240.00	0.00025	-70.00	240.00	0.00028
-60.00	240.00	0.00032	-50.00	240.00	0.00035
-40.00	240.00	0.00039	-30.00	240.00	0.00042
-25.00	240.00	0.00043	-20.00	240.00	0.00044
-17.00	240.00	0.00044	-15.00	240.00	0.00045
-13.00	240.00	0.00045	-11.00	240.00	0.00045
-9.00	240.00	0.00045	9.00	240.00	0.00046
11.00	240.00	0.00046	13.00	240.00	0.00045
15.00	240.00	0.00045	17.00	240.00	0.00045
20.00	240.00	0.00044	25.00	240.00	0.00044
30.00	240.00	0.00043	40.00	240.00	0.00040
50.00	240.00	0.00038	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	0.00019	-90.00	250.00	0.00021
-80.00	250.00	0.00024	-70.00	250.00	0.00027
-60.00	250.00	0.00030	-50.00	250.00	0.00033
-40.00	250.00	0.00036	-30.00	250.00	0.00039
-25.00	250.00	0.00040	-20.00	250.00	0.00041
-17.00	250.00	0.00041	-15.00	250.00	0.00041
-13.00	250.00	0.00042	-11.00	250.00	0.00042
-9.00	250.00	0.00042	9.00	250.00	0.00042
11.00	250.00	0.00042	13.00	250.00	0.00042
15.00	250.00	0.00042	17.00	250.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00041	25.00	250.00	0.00040
30.00	250.00	0.00040	40.00	250.00	0.00038
50.00	250.00	0.00035	60.00	250.00	0.00033
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 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00068	-90.00	-250.00	0.00072
-80.00	-250.00	0.00077	-70.00	-250.00	0.00080
-60.00	-250.00	0.00083	-50.00	-250.00	0.00083
-40.00	-250.00	0.00082	-30.00	-250.00	0.00078
-25.00	-250.00	0.00075	-20.00	-250.00	0.00072
-17.00	-250.00	0.00070	-15.00	-250.00	0.00069
-13.00	-250.00	0.00068	-11.00	-250.00	0.00066
-9.00	-250.00	0.00065	9.00	-250.00	0.00054
11.00	-250.00	0.00052	13.00	-250.00	0.00051
15.00	-250.00	0.00050	17.00	-250.00	0.00049
20.00	-250.00	0.00048	25.00	-250.00	0.00045
30.00	-250.00	0.00042	40.00	-250.00	0.00037
50.00	-250.00	0.00032	60.00	-250.00	0.00028
70.00	-250.00	0.00025	80.00	-250.00	0.00022
90.00	-250.00	0.00020	100.00	-250.00	0.00018
-100.00	-240.00	0.00073	-90.00	-240.00	0.00078
-80.00	-240.00	0.00084	-70.00	-240.00	0.00088
-60.00	-240.00	0.00092	-50.00	-240.00	0.00094
-40.00	-240.00	0.00093	-30.00	-240.00	0.00089
-25.00	-240.00	0.00086	-20.00	-240.00	0.00082
-17.00	-240.00	0.00080	-15.00	-240.00	0.00078
-13.00	-240.00	0.00077	-11.00	-240.00	0.00075
-9.00	-240.00	0.00074	9.00	-240.00	0.00060
11.00	-240.00	0.00059	13.00	-240.00	0.00057
15.00	-240.00	0.00056	17.00	-240.00	0.00055
20.00	-240.00	0.00053	25.00	-240.00	0.00050

30.00	-240.00	0.00047	40.00	-240.00	0.00040
50.00	-240.00	0.00035	60.00	-240.00	0.00030
70.00	-240.00	0.00026	80.00	-240.00	0.00023
90.00	-240.00	0.00021	100.00	-240.00	0.00019
-100.00	-230.00	0.00079	-90.00	-230.00	0.00085
-80.00	-230.00	0.00091	-70.00	-230.00	0.00097
-60.00	-230.00	0.00102	-50.00	-230.00	0.00106
-40.00	-230.00	0.00106	-30.00	-230.00	0.00102
-25.00	-230.00	0.00099	-20.00	-230.00	0.00095
-17.00	-230.00	0.00092	-15.00	-230.00	0.00090
-13.00	-230.00	0.00088	-11.00	-230.00	0.00086
-9.00	-230.00	0.00084	9.00	-230.00	0.00067
11.00	-230.00	0.00066	13.00	-230.00	0.00064
15.00	-230.00	0.00063	17.00	-230.00	0.00061

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00059	25.00	-230.00	0.00055
30.00	-230.00	0.00051	40.00	-230.00	0.00044
50.00	-230.00	0.00037	60.00	-230.00	0.00032
70.00	-230.00	0.00028	80.00	-230.00	0.00025
90.00	-230.00	0.00022	100.00	-230.00	0.00020
-100.00	-220.00	0.00084	-90.00	-220.00	0.00092
-80.00	-220.00	0.00099	-70.00	-220.00	0.00107
-60.00	-220.00	0.00114	-50.00	-220.00	0.00120
-40.00	-220.00	0.00122	-30.00	-220.00	0.00119
-25.00	-220.00	0.00115	-20.00	-220.00	0.00110
-17.00	-220.00	0.00107	-15.00	-220.00	0.00105
-13.00	-220.00	0.00102	-11.00	-220.00	0.00100
-9.00	-220.00	0.00097	9.00	-220.00	0.00076
11.00	-220.00	0.00074	13.00	-220.00	0.00072
15.00	-220.00	0.00070	17.00	-220.00	0.00069
20.00	-220.00	0.00066	25.00	-220.00	0.00061
30.00	-220.00	0.00056	40.00	-220.00	0.00047
50.00	-220.00	0.00040	60.00	-220.00	0.00034
70.00	-220.00	0.00030	80.00	-220.00	0.00027
90.00	-220.00	0.00024	100.00	-220.00	0.00021

-100.00	-210.00	0.00090	-90.00	-210.00	0.00099
-80.00	-210.00	0.00108	-70.00	-210.00	0.00118
-60.00	-210.00	0.00127	-50.00	-210.00	0.00135
-40.00	-210.00	0.00140	-30.00	-210.00	0.00139
-25.00	-210.00	0.00135	-20.00	-210.00	0.00130
-17.00	-210.00	0.00126	-15.00	-210.00	0.00123
-13.00	-210.00	0.00120	-11.00	-210.00	0.00117
-9.00	-210.00	0.00114	9.00	-210.00	0.00087
11.00	-210.00	0.00085	13.00	-210.00	0.00082
15.00	-210.00	0.00080	17.00	-210.00	0.00077
20.00	-210.00	0.00074	25.00	-210.00	0.00067
30.00	-210.00	0.00062	40.00	-210.00	0.00051
50.00	-210.00	0.00043	60.00	-210.00	0.00037
70.00	-210.00	0.00032	80.00	-210.00	0.00028
90.00	-210.00	0.00025	100.00	-210.00	0.00022
-100.00	-200.00	0.00095	-90.00	-200.00	0.00106
-80.00	-200.00	0.00117	-70.00	-200.00	0.00129
-60.00	-200.00	0.00142	-50.00	-200.00	0.00153
-40.00	-200.00	0.00161	-30.00	-200.00	0.00163
-25.00	-200.00	0.00160	-20.00	-200.00	0.00154

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00150	-15.00	-200.00	0.00146
-13.00	-200.00	0.00143	-11.00	-200.00	0.00139
-9.00	-200.00	0.00135	9.00	-200.00	0.00100
11.00	-200.00	0.00097	13.00	-200.00	0.00094
15.00	-200.00	0.00091	17.00	-200.00	0.00087
20.00	-200.00	0.00083	25.00	-200.00	0.00075
30.00	-200.00	0.00068	40.00	-200.00	0.00055
50.00	-200.00	0.00046	60.00	-200.00	0.00040
70.00	-200.00	0.00034	80.00	-200.00	0.00030
90.00	-200.00	0.00026	100.00	-200.00	0.00022
-100.00	-190.00	0.00100	-90.00	-190.00	0.00112
-80.00	-190.00	0.00126	-70.00	-190.00	0.00141
-60.00	-190.00	0.00157	-50.00	-190.00	0.00173
-40.00	-190.00	0.00186	-30.00	-190.00	0.00192

-25.00	-190.00	0.00191	-20.00	-190.00	0.00186
-17.00	-190.00	0.00181	-15.00	-190.00	0.00177
-13.00	-190.00	0.00172	-11.00	-190.00	0.00167
-9.00	-190.00	0.00162	9.00	-190.00	0.00116
11.00	-190.00	0.00112	13.00	-190.00	0.00108
15.00	-190.00	0.00103	17.00	-190.00	0.00099
20.00	-190.00	0.00093	25.00	-190.00	0.00083
30.00	-190.00	0.00074	40.00	-190.00	0.00060
50.00	-190.00	0.00050	60.00	-190.00	0.00042
70.00	-190.00	0.00036	80.00	-190.00	0.00031
90.00	-190.00	0.00027	100.00	-190.00	0.00023
-100.00	-180.00	0.00105	-90.00	-180.00	0.00119
-80.00	-180.00	0.00135	-70.00	-180.00	0.00153
-60.00	-180.00	0.00173	-50.00	-180.00	0.00194
-40.00	-180.00	0.00214	-30.00	-180.00	0.00227
-25.00	-180.00	0.00229	-20.00	-180.00	0.00225
-17.00	-180.00	0.00220	-15.00	-180.00	0.00216
-13.00	-180.00	0.00210	-11.00	-180.00	0.00204
-9.00	-180.00	0.00198	9.00	-180.00	0.00135
11.00	-180.00	0.00129	13.00	-180.00	0.00123
15.00	-180.00	0.00118	17.00	-180.00	0.00112
20.00	-180.00	0.00104	25.00	-180.00	0.00091
30.00	-180.00	0.00081	40.00	-180.00	0.00065
50.00	-180.00	0.00054	60.00	-180.00	0.00045
70.00	-180.00	0.00038	80.00	-180.00	0.00032
90.00	-180.00	0.00027	100.00	-180.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00108	-90.00	-170.00	0.00124
-80.00	-170.00	0.00143	-70.00	-170.00	0.00164
-60.00	-170.00	0.00189	-50.00	-170.00	0.00216
-40.00	-170.00	0.00244	-30.00	-170.00	0.00266
-25.00	-170.00	0.00273	-20.00	-170.00	0.00274
-17.00	-170.00	0.00271	-15.00	-170.00	0.00267
-13.00	-170.00	0.00261	-11.00	-170.00	0.00254
-9.00	-170.00	0.00245	9.00	-170.00	0.00158

11.00	-170.00	0.00149	13.00	-170.00	0.00141
15.00	-170.00	0.00133	17.00	-170.00	0.00125
20.00	-170.00	0.00115	25.00	-170.00	0.00101
30.00	-170.00	0.00089	40.00	-170.00	0.00071
50.00	-170.00	0.00057	60.00	-170.00	0.00047
70.00	-170.00	0.00039	80.00	-170.00	0.00033
90.00	-170.00	0.00028	100.00	-170.00	0.00024
-100.00	-160.00	0.00110	-90.00	-160.00	0.00128
-80.00	-160.00	0.00149	-70.00	-160.00	0.00173
-60.00	-160.00	0.00203	-50.00	-160.00	0.00236
-40.00	-160.00	0.00273	-30.00	-160.00	0.00309
-25.00	-160.00	0.00323	-20.00	-160.00	0.00331
-17.00	-160.00	0.00332	-15.00	-160.00	0.00330
-13.00	-160.00	0.00326	-11.00	-160.00	0.00319
-9.00	-160.00	0.00310	9.00	-160.00	0.00182
11.00	-160.00	0.00170	13.00	-160.00	0.00159
15.00	-160.00	0.00149	17.00	-160.00	0.00140
20.00	-160.00	0.00127	25.00	-160.00	0.00110
30.00	-160.00	0.00096	40.00	-160.00	0.00075
50.00	-160.00	0.00060	60.00	-160.00	0.00049
70.00	-160.00	0.00041	80.00	-160.00	0.00034
90.00	-160.00	0.00028	100.00	-160.00	0.00024
-100.00	-150.00	0.00111	-90.00	-150.00	0.00129
-80.00	-150.00	0.00152	-70.00	-150.00	0.00179
-60.00	-150.00	0.00213	-50.00	-150.00	0.00252
-40.00	-150.00	0.00299	-30.00	-150.00	0.00348
-25.00	-150.00	0.00372	-20.00	-150.00	0.00392
-17.00	-150.00	0.00401	-15.00	-150.00	0.00405
-13.00	-150.00	0.00406	-11.00	-150.00	0.00404
-9.00	-150.00	0.00396	9.00	-150.00	0.00208
11.00	-150.00	0.00192	13.00	-150.00	0.00177
15.00	-150.00	0.00165	17.00	-150.00	0.00154

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	-150.00	0.00139	25.00	-150.00	0.00119
30.00	-150.00	0.00103	40.00	-150.00	0.00079

50.00	-150.00	0.00063	60.00	-150.00	0.00051
70.00	-150.00	0.00042	80.00	-150.00	0.00035
90.00	-150.00	0.00029	100.00	-150.00	0.00024
-100.00	-140.00	0.00109	-90.00	-140.00	0.00129
-80.00	-140.00	0.00152	-70.00	-140.00	0.00181
-60.00	-140.00	0.00217	-50.00	-140.00	0.00261
-40.00	-140.00	0.00315	-30.00	-140.00	0.00376
-25.00	-140.00	0.00409	-20.00	-140.00	0.00443
-17.00	-140.00	0.00462	-15.00	-140.00	0.00475
-13.00	-140.00	0.00487	-11.00	-140.00	0.00499
-9.00	-140.00	0.00510	9.00	-140.00	0.00233
11.00	-140.00	0.00212	13.00	-140.00	0.00194
15.00	-140.00	0.00179	17.00	-140.00	0.00165
20.00	-140.00	0.00149	25.00	-140.00	0.00126
30.00	-140.00	0.00109	40.00	-140.00	0.00083
50.00	-140.00	0.00066	60.00	-140.00	0.00053
70.00	-140.00	0.00043	80.00	-140.00	0.00036
90.00	-140.00	0.00030	100.00	-140.00	0.00025
-100.00	-130.00	0.00106	-90.00	-130.00	0.00126
-80.00	-130.00	0.00149	-70.00	-130.00	0.00179
-60.00	-130.00	0.00216	-50.00	-130.00	0.00263
-40.00	-130.00	0.00320	-30.00	-130.00	0.00387
-25.00	-130.00	0.00425	-20.00	-130.00	0.00465
-17.00	-130.00	0.00490	-15.00	-130.00	0.00508
-13.00	-130.00	0.00526	-11.00	-130.00	0.00548
-9.00	-130.00	0.00575	9.00	-130.00	0.00275
11.00	-130.00	0.00244	13.00	-130.00	0.00220
15.00	-130.00	0.00201	17.00	-130.00	0.00185
20.00	-130.00	0.00165	25.00	-130.00	0.00139
30.00	-130.00	0.00118	40.00	-130.00	0.00090
50.00	-130.00	0.00070	60.00	-130.00	0.00056
70.00	-130.00	0.00045	80.00	-130.00	0.00037
90.00	-130.00	0.00031	100.00	-130.00	0.00026
-100.00	-120.00	0.00102	-90.00	-120.00	0.00120
-80.00	-120.00	0.00143	-70.00	-120.00	0.00173
-60.00	-120.00	0.00209	-50.00	-120.00	0.00255
-40.00	-120.00	0.00312	-30.00	-120.00	0.00381
-25.00	-120.00	0.00421	-20.00	-120.00	0.00465

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00494	-15.00	-120.00	0.00515
-13.00	-120.00	0.00538	-11.00	-120.00	0.00567
-9.00	-120.00	0.00607	9.00	-120.00	0.00375
11.00	-120.00	0.00323	13.00	-120.00	0.00284
15.00	-120.00	0.00254	17.00	-120.00	0.00229
20.00	-120.00	0.00199	25.00	-120.00	0.00162
30.00	-120.00	0.00136	40.00	-120.00	0.00100
50.00	-120.00	0.00077	60.00	-120.00	0.00060
70.00	-120.00	0.00048	80.00	-120.00	0.00039
90.00	-120.00	0.00032	100.00	-120.00	0.00027
-100.00	-110.00	0.00095	-90.00	-110.00	0.00112
-80.00	-110.00	0.00134	-70.00	-110.00	0.00161
-60.00	-110.00	0.00196	-50.00	-110.00	0.00241
-40.00	-110.00	0.00297	-30.00	-110.00	0.00368
-25.00	-110.00	0.00411	-20.00	-110.00	0.00460
-17.00	-110.00	0.00495	-15.00	-110.00	0.00523
-13.00	-110.00	0.00556	-11.00	-110.00	0.00597
-9.00	-110.00	0.00656	9.00	-110.00	0.00470
11.00	-110.00	0.00405	13.00	-110.00	0.00356
15.00	-110.00	0.00316	17.00	-110.00	0.00282
20.00	-110.00	0.00242	25.00	-110.00	0.00194
30.00	-110.00	0.00159	40.00	-110.00	0.00114
50.00	-110.00	0.00085	60.00	-110.00	0.00066
70.00	-110.00	0.00052	80.00	-110.00	0.00042
90.00	-110.00	0.00035	100.00	-110.00	0.00029
-100.00	-100.00	0.00087	-90.00	-100.00	0.00103
-80.00	-100.00	0.00123	-70.00	-100.00	0.00148
-60.00	-100.00	0.00180	-50.00	-100.00	0.00223
-40.00	-100.00	0.00278	-30.00	-100.00	0.00349
-25.00	-100.00	0.00395	-20.00	-100.00	0.00452
-17.00	-100.00	0.00495	-15.00	-100.00	0.00531
-13.00	-100.00	0.00574	-11.00	-100.00	0.00628
-9.00	-100.00	0.00700	9.00	-100.00	0.00540
11.00	-100.00	0.00469	13.00	-100.00	0.00414
15.00	-100.00	0.00368	17.00	-100.00	0.00330
20.00	-100.00	0.00284	25.00	-100.00	0.00226
30.00	-100.00	0.00184	40.00	-100.00	0.00129
50.00	-100.00	0.00094	60.00	-100.00	0.00072
70.00	-100.00	0.00056	80.00	-100.00	0.00045
90.00	-100.00	0.00037	100.00	-100.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 89
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00079	-90.00	-90.00	0.00093
-80.00	-90.00	0.00110	-70.00	-90.00	0.00133
-60.00	-90.00	0.00163	-50.00	-90.00	0.00202
-40.00	-90.00	0.00253	-30.00	-90.00	0.00324
-25.00	-90.00	0.00373	-20.00	-90.00	0.00436
-17.00	-90.00	0.00487	-15.00	-90.00	0.00529
-13.00	-90.00	0.00581	-11.00	-90.00	0.00644
-9.00	-90.00	0.00725	9.00	-90.00	0.00589
11.00	-90.00	0.00514	13.00	-90.00	0.00456
15.00	-90.00	0.00408	17.00	-90.00	0.00367
20.00	-90.00	0.00318	25.00	-90.00	0.00254
30.00	-90.00	0.00207	40.00	-90.00	0.00144
50.00	-90.00	0.00104	60.00	-90.00	0.00079
70.00	-90.00	0.00061	80.00	-90.00	0.00049
90.00	-90.00	0.00040	100.00	-90.00	0.00034
-100.00	-80.00	0.00070	-90.00	-80.00	0.00082
-80.00	-80.00	0.00098	-70.00	-80.00	0.00118
-60.00	-80.00	0.00144	-50.00	-80.00	0.00178
-40.00	-80.00	0.00225	-30.00	-80.00	0.00293
-25.00	-80.00	0.00342	-20.00	-80.00	0.00410
-17.00	-80.00	0.00465	-15.00	-80.00	0.00512
-13.00	-80.00	0.00568	-11.00	-80.00	0.00638
-9.00	-80.00	0.00725	9.00	-80.00	0.00619
11.00	-80.00	0.00543	13.00	-80.00	0.00484
15.00	-80.00	0.00436	17.00	-80.00	0.00394
20.00	-80.00	0.00343	25.00	-80.00	0.00277
30.00	-80.00	0.00227	40.00	-80.00	0.00158
50.00	-80.00	0.00115	60.00	-80.00	0.00087
70.00	-80.00	0.00067	80.00	-80.00	0.00054
90.00	-80.00	0.00044	100.00	-80.00	0.00036
-100.00	-70.00	0.00063	-90.00	-70.00	0.00073
-80.00	-70.00	0.00086	-70.00	-70.00	0.00103
-60.00	-70.00	0.00125	-50.00	-70.00	0.00154
-40.00	-70.00	0.00195	-30.00	-70.00	0.00257

-25.00	-70.00	0.00304	-20.00	-70.00	0.00371
-17.00	-70.00	0.00427	-15.00	-70.00	0.00475
-13.00	-70.00	0.00533	-11.00	-70.00	0.00605
-9.00	-70.00	0.00697	9.00	-70.00	0.00634
11.00	-70.00	0.00559	13.00	-70.00	0.00501
15.00	-70.00	0.00454	17.00	-70.00	0.00413

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 90
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00361	25.00	-70.00	0.00293
30.00	-70.00	0.00242	40.00	-70.00	0.00170
50.00	-70.00	0.00125	60.00	-70.00	0.00094
70.00	-70.00	0.00073	80.00	-70.00	0.00058
90.00	-70.00	0.00047	100.00	-70.00	0.00039
-100.00	-60.00	0.00056	-90.00	-60.00	0.00065
-80.00	-60.00	0.00076	-70.00	-60.00	0.00090
-60.00	-60.00	0.00108	-50.00	-60.00	0.00132
-40.00	-60.00	0.00166	-30.00	-60.00	0.00220
-25.00	-60.00	0.00261	-20.00	-60.00	0.00323
-17.00	-60.00	0.00375	-15.00	-60.00	0.00420
-13.00	-60.00	0.00476	-11.00	-60.00	0.00545
-9.00	-60.00	0.00636	9.00	-60.00	0.00638
11.00	-60.00	0.00566	13.00	-60.00	0.00509
15.00	-60.00	0.00463	17.00	-60.00	0.00423
20.00	-60.00	0.00372	25.00	-60.00	0.00305
30.00	-60.00	0.00254	40.00	-60.00	0.00182
50.00	-60.00	0.00134	60.00	-60.00	0.00102
70.00	-60.00	0.00079	80.00	-60.00	0.00063
90.00	-60.00	0.00051	100.00	-60.00	0.00042
-100.00	-50.00	0.00050	-90.00	-50.00	0.00058
-80.00	-50.00	0.00067	-70.00	-50.00	0.00079
-60.00	-50.00	0.00094	-50.00	-50.00	0.00115
-40.00	-50.00	0.00144	-30.00	-50.00	0.00190
-25.00	-50.00	0.00226	-20.00	-50.00	0.00279
-17.00	-50.00	0.00324	-15.00	-50.00	0.00361
-13.00	-50.00	0.00408	-11.00	-50.00	0.00466
-9.00	-50.00	0.00543	9.00	-50.00	0.00635

11.00	-50.00	0.00567	13.00	-50.00	0.00512
15.00	-50.00	0.00468	17.00	-50.00	0.00429
20.00	-50.00	0.00380	25.00	-50.00	0.00314
30.00	-50.00	0.00263	40.00	-50.00	0.00190
50.00	-50.00	0.00141	60.00	-50.00	0.00107
70.00	-50.00	0.00084	80.00	-50.00	0.00067
90.00	-50.00	0.00054	100.00	-50.00	0.00044
-100.00	-40.00	0.00045	-90.00	-40.00	0.00052
-80.00	-40.00	0.00060	-70.00	-40.00	0.00070
-60.00	-40.00	0.00084	-50.00	-40.00	0.00102
-40.00	-40.00	0.00129	-30.00	-40.00	0.00172
-25.00	-40.00	0.00207	-20.00	-40.00	0.00257

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 91
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00298	-15.00	-40.00	0.00332
-13.00	-40.00	0.00373	-11.00	-40.00	0.00424
-9.00	-40.00	0.00486	9.00	-40.00	0.00605
11.00	-40.00	0.00549	13.00	-40.00	0.00500
15.00	-40.00	0.00459	17.00	-40.00	0.00423
20.00	-40.00	0.00376	25.00	-40.00	0.00313
30.00	-40.00	0.00264	40.00	-40.00	0.00193
50.00	-40.00	0.00145	60.00	-40.00	0.00111
70.00	-40.00	0.00087	80.00	-40.00	0.00069
90.00	-40.00	0.00056	100.00	-40.00	0.00046
-100.00	-30.00	0.00041	-90.00	-30.00	0.00047
-80.00	-30.00	0.00055	-70.00	-30.00	0.00064
-60.00	-30.00	0.00077	-50.00	-30.00	0.00095
-40.00	-30.00	0.00122	-30.00	-30.00	0.00166
-25.00	-30.00	0.00201	-20.00	-30.00	0.00250
-17.00	-30.00	0.00290	-15.00	-30.00	0.00322
-13.00	-30.00	0.00360	-11.00	-30.00	0.00405
-9.00	-30.00	0.00455	9.00	-30.00	0.00509
11.00	-30.00	0.00475	13.00	-30.00	0.00443
15.00	-30.00	0.00414	17.00	-30.00	0.00387
20.00	-30.00	0.00350	25.00	-30.00	0.00298
30.00	-30.00	0.00255	40.00	-30.00	0.00190

50.00	-30.00	0.00145	60.00	-30.00	0.00113
70.00	-30.00	0.00089	80.00	-30.00	0.00072
90.00	-30.00	0.00058	100.00	-30.00	0.00048
-100.00	-20.00	0.00038	-90.00	-20.00	0.00044
-80.00	-20.00	0.00051	-70.00	-20.00	0.00061
-60.00	-20.00	0.00073	-50.00	-20.00	0.00091
-40.00	-20.00	0.00117	-30.00	-20.00	0.00161
-25.00	-20.00	0.00194	-20.00	-20.00	0.00240
-17.00	-20.00	0.00275	-15.00	-20.00	0.00302
-13.00	-20.00	0.00332	-11.00	-20.00	0.00364
-9.00	-20.00	0.00396	9.00	-20.00	0.00415
11.00	-20.00	0.00394	13.00	-20.00	0.00373
15.00	-20.00	0.00354	17.00	-20.00	0.00335
20.00	-20.00	0.00309	25.00	-20.00	0.00270
30.00	-20.00	0.00237	40.00	-20.00	0.00183
50.00	-20.00	0.00142	60.00	-20.00	0.00112
70.00	-20.00	0.00089	80.00	-20.00	0.00072
90.00	-20.00	0.00059	100.00	-20.00	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 92
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00037	-90.00	-10.00	0.00042
-80.00	-10.00	0.00049	-70.00	-10.00	0.00058
-60.00	-10.00	0.00070	-50.00	-10.00	0.00087
-40.00	-10.00	0.00112	-30.00	-10.00	0.00154
-25.00	-10.00	0.00184	-20.00	-10.00	0.00223
-17.00	-10.00	0.00251	-15.00	-10.00	0.00272
-13.00	-10.00	0.00293	-11.00	-10.00	0.00313
-9.00	-10.00	0.00333	9.00	-10.00	0.00339
11.00	-10.00	0.00325	13.00	-10.00	0.00312
15.00	-10.00	0.00299	17.00	-10.00	0.00286
20.00	-10.00	0.00268	25.00	-10.00	0.00239
30.00	-10.00	0.00214	40.00	-10.00	0.00170
50.00	-10.00	0.00136	60.00	-10.00	0.00109
70.00	-10.00	0.00088	80.00	-10.00	0.00072
90.00	-10.00	0.00060	100.00	-10.00	0.00050
-100.00	0.00	0.00035	-90.00	0.00	0.00041

-80.00	0.00	0.00047	-70.00	0.00	0.00056
-60.00	0.00	0.00067	-50.00	0.00	0.00083
-40.00	0.00	0.00107	-30.00	0.00	0.00145
-25.00	0.00	0.00171	-20.00	0.00	0.00203
-17.00	0.00	0.00224	-15.00	0.00	0.00239
-13.00	0.00	0.00253	-11.00	0.00	0.00266
-9.00	0.00	0.00277	9.00	0.00	0.00280
11.00	0.00	0.00271	13.00	0.00	0.00262
15.00	0.00	0.00252	17.00	0.00	0.00243
20.00	0.00	0.00230	25.00	0.00	0.00209
30.00	0.00	0.00190	40.00	0.00	0.00156
50.00	0.00	0.00128	60.00	0.00	0.00105
70.00	0.00	0.00086	80.00	0.00	0.00071
90.00	0.00	0.00059	100.00	0.00	0.00050
-100.00	10.00	0.00034	-90.00	10.00	0.00039
-80.00	10.00	0.00045	-70.00	10.00	0.00053
-60.00	10.00	0.00064	-50.00	10.00	0.00079
-40.00	10.00	0.00102	-30.00	10.00	0.00135
-25.00	10.00	0.00157	-20.00	10.00	0.00182
-17.00	10.00	0.00197	-15.00	10.00	0.00207
-13.00	10.00	0.00216	-11.00	10.00	0.00225
-9.00	10.00	0.00232	9.00	10.00	0.00234
11.00	10.00	0.00228	13.00	10.00	0.00221
15.00	10.00	0.00215	17.00	10.00	0.00208

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 93
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00198	25.00	10.00	0.00183
30.00	10.00	0.00168	40.00	10.00	0.00142
50.00	10.00	0.00119	60.00	10.00	0.00099
70.00	10.00	0.00083	80.00	10.00	0.00070
90.00	10.00	0.00059	100.00	10.00	0.00050
-100.00	20.00	0.00033	-90.00	20.00	0.00037
-80.00	20.00	0.00043	-70.00	20.00	0.00051
-60.00	20.00	0.00061	-50.00	20.00	0.00075
-40.00	20.00	0.00096	-30.00	20.00	0.00125
-25.00	20.00	0.00143	-20.00	20.00	0.00162

-17.00	20.00	0.00173	-15.00	20.00	0.00179
-13.00	20.00	0.00186	-11.00	20.00	0.00191
-9.00	20.00	0.00196	9.00	20.00	0.00197
11.00	20.00	0.00193	13.00	20.00	0.00189
15.00	20.00	0.00184	17.00	20.00	0.00179
20.00	20.00	0.00171	25.00	20.00	0.00160
30.00	20.00	0.00148	40.00	20.00	0.00128
50.00	20.00	0.00110	60.00	20.00	0.00093
70.00	20.00	0.00079	80.00	20.00	0.00067
90.00	20.00	0.00057	100.00	20.00	0.00049
-100.00	30.00	0.00031	-90.00	30.00	0.00036
-80.00	30.00	0.00041	-70.00	30.00	0.00048
-60.00	30.00	0.00058	-50.00	30.00	0.00071
-40.00	30.00	0.00090	-30.00	30.00	0.00114
-25.00	30.00	0.00129	-20.00	30.00	0.00143
-17.00	30.00	0.00151	-15.00	30.00	0.00156
-13.00	30.00	0.00160	-11.00	30.00	0.00164
-9.00	30.00	0.00168	9.00	30.00	0.00169
11.00	30.00	0.00166	13.00	30.00	0.00162
15.00	30.00	0.00159	17.00	30.00	0.00155
20.00	30.00	0.00149	25.00	30.00	0.00140
30.00	30.00	0.00131	40.00	30.00	0.00115
50.00	30.00	0.00100	60.00	30.00	0.00087
70.00	30.00	0.00075	80.00	30.00	0.00064
90.00	30.00	0.00055	100.00	30.00	0.00048
-100.00	40.00	0.00030	-90.00	40.00	0.00034
-80.00	40.00	0.00040	-70.00	40.00	0.00046
-60.00	40.00	0.00055	-50.00	40.00	0.00067
-40.00	40.00	0.00084	-30.00	40.00	0.00105
-25.00	40.00	0.00116	-20.00	40.00	0.00127

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 94
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00133	-15.00	40.00	0.00136
-13.00	40.00	0.00139	-11.00	40.00	0.00142
-9.00	40.00	0.00145	9.00	40.00	0.00146
11.00	40.00	0.00143	13.00	40.00	0.00141

15.00	40.00	0.00138	17.00	40.00	0.00136
20.00	40.00	0.00131	25.00	40.00	0.00124
30.00	40.00	0.00117	40.00	40.00	0.00104
50.00	40.00	0.00092	60.00	40.00	0.00081
70.00	40.00	0.00070	80.00	40.00	0.00061
90.00	40.00	0.00053	100.00	40.00	0.00046
-100.00	50.00	0.00029	-90.00	50.00	0.00033
-80.00	50.00	0.00038	-70.00	50.00	0.00044
-60.00	50.00	0.00053	-50.00	50.00	0.00064
-40.00	50.00	0.00078	-30.00	50.00	0.00096
-25.00	50.00	0.00105	-20.00	50.00	0.00113
-17.00	50.00	0.00117	-15.00	50.00	0.00120
-13.00	50.00	0.00122	-11.00	50.00	0.00124
-9.00	50.00	0.00126	9.00	50.00	0.00127
11.00	50.00	0.00125	13.00	50.00	0.00123
15.00	50.00	0.00122	17.00	50.00	0.00119
20.00	50.00	0.00116	25.00	50.00	0.00110
30.00	50.00	0.00104	40.00	50.00	0.00093
50.00	50.00	0.00084	60.00	50.00	0.00075
70.00	50.00	0.00066	80.00	50.00	0.00058
90.00	50.00	0.00051	100.00	50.00	0.00045
-100.00	60.00	0.00028	-90.00	60.00	0.00032
-80.00	60.00	0.00036	-70.00	60.00	0.00042
-60.00	60.00	0.00050	-50.00	60.00	0.00060
-40.00	60.00	0.00073	-30.00	60.00	0.00087
-25.00	60.00	0.00094	-20.00	60.00	0.00101
-17.00	60.00	0.00104	-15.00	60.00	0.00106
-13.00	60.00	0.00108	-11.00	60.00	0.00109
-9.00	60.00	0.00111	9.00	60.00	0.00111
11.00	60.00	0.00110	13.00	60.00	0.00109
15.00	60.00	0.00107	17.00	60.00	0.00106
20.00	60.00	0.00103	25.00	60.00	0.00098
30.00	60.00	0.00093	40.00	60.00	0.00085
50.00	60.00	0.00076	60.00	60.00	0.00069
70.00	60.00	0.00062	80.00	60.00	0.00055
90.00	60.00	0.00049	100.00	60.00	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 95
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** 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	0.00027	-90.00	70.00	0.00030
-80.00	70.00	0.00035	-70.00	70.00	0.00040
-60.00	70.00	0.00047	-50.00	70.00	0.00057
-40.00	70.00	0.00068	-30.00	70.00	0.00080
-25.00	70.00	0.00085	-20.00	70.00	0.00090
-17.00	70.00	0.00093	-15.00	70.00	0.00094
-13.00	70.00	0.00096	-11.00	70.00	0.00097
-9.00	70.00	0.00098	9.00	70.00	0.00099
11.00	70.00	0.00098	13.00	70.00	0.00097
15.00	70.00	0.00096	17.00	70.00	0.00094
20.00	70.00	0.00092	25.00	70.00	0.00088
30.00	70.00	0.00084	40.00	70.00	0.00077
50.00	70.00	0.00070	60.00	70.00	0.00064
70.00	70.00	0.00058	80.00	70.00	0.00052
90.00	70.00	0.00046	100.00	70.00	0.00041
-100.00	80.00	0.00026	-90.00	80.00	0.00029
-80.00	80.00	0.00033	-70.00	80.00	0.00038
-60.00	80.00	0.00045	-50.00	80.00	0.00053
-40.00	80.00	0.00063	-30.00	80.00	0.00073
-25.00	80.00	0.00077	-20.00	80.00	0.00081
-17.00	80.00	0.00083	-15.00	80.00	0.00085
-13.00	80.00	0.00086	-11.00	80.00	0.00087
-9.00	80.00	0.00087	9.00	80.00	0.00088
11.00	80.00	0.00087	13.00	80.00	0.00086
15.00	80.00	0.00086	17.00	80.00	0.00085
20.00	80.00	0.00083	25.00	80.00	0.00080
30.00	80.00	0.00076	40.00	80.00	0.00070
50.00	80.00	0.00064	60.00	80.00	0.00059
70.00	80.00	0.00054	80.00	80.00	0.00049
90.00	80.00	0.00044	100.00	80.00	0.00040
-100.00	90.00	0.00025	-90.00	90.00	0.00028
-80.00	90.00	0.00032	-70.00	90.00	0.00037
-60.00	90.00	0.00043	-50.00	90.00	0.00050
-40.00	90.00	0.00059	-30.00	90.00	0.00067
-25.00	90.00	0.00071	-20.00	90.00	0.00074
-17.00	90.00	0.00075	-15.00	90.00	0.00076
-13.00	90.00	0.00077	-11.00	90.00	0.00078
-9.00	90.00	0.00078	9.00	90.00	0.00079
11.00	90.00	0.00078	13.00	90.00	0.00078
15.00	90.00	0.00077	17.00	90.00	0.00076

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	0.00075	25.00	90.00	0.00072
30.00	90.00	0.00070	40.00	90.00	0.00064
50.00	90.00	0.00059	60.00	90.00	0.00054
70.00	90.00	0.00050	80.00	90.00	0.00046
90.00	90.00	0.00042	100.00	90.00	0.00038
-100.00	100.00	0.00024	-90.00	100.00	0.00027
-80.00	100.00	0.00031	-70.00	100.00	0.00035
-60.00	100.00	0.00041	-50.00	100.00	0.00048
-40.00	100.00	0.00055	-30.00	100.00	0.00061
-25.00	100.00	0.00064	-20.00	100.00	0.00067
-17.00	100.00	0.00068	-15.00	100.00	0.00069
-13.00	100.00	0.00070	-11.00	100.00	0.00070
-9.00	100.00	0.00071	9.00	100.00	0.00071
11.00	100.00	0.00071	13.00	100.00	0.00070
15.00	100.00	0.00070	17.00	100.00	0.00069
20.00	100.00	0.00068	25.00	100.00	0.00066
30.00	100.00	0.00064	40.00	100.00	0.00059
50.00	100.00	0.00054	60.00	100.00	0.00050
70.00	100.00	0.00047	80.00	100.00	0.00043
90.00	100.00	0.00039	100.00	100.00	0.00036
-100.00	110.00	0.00023	-90.00	110.00	0.00026
-80.00	110.00	0.00029	-70.00	110.00	0.00034
-60.00	110.00	0.00039	-50.00	110.00	0.00045
-40.00	110.00	0.00051	-30.00	110.00	0.00057
-25.00	110.00	0.00059	-20.00	110.00	0.00061
-17.00	110.00	0.00062	-15.00	110.00	0.00063
-13.00	110.00	0.00063	-11.00	110.00	0.00064
-9.00	110.00	0.00064	9.00	110.00	0.00065
11.00	110.00	0.00064	13.00	110.00	0.00064
15.00	110.00	0.00063	17.00	110.00	0.00063
20.00	110.00	0.00062	25.00	110.00	0.00060
30.00	110.00	0.00058	40.00	110.00	0.00054
50.00	110.00	0.00050	60.00	110.00	0.00047
70.00	110.00	0.00044	80.00	110.00	0.00040
90.00	110.00	0.00037	100.00	110.00	0.00034
-100.00	120.00	0.00022	-90.00	120.00	0.00025

-80.00	120.00	0.00028	-70.00	120.00	0.00032
-60.00	120.00	0.00037	-50.00	120.00	0.00042
-40.00	120.00	0.00047	-30.00	120.00	0.00052
-25.00	120.00	0.00054	-20.00	120.00	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 97
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00057	-15.00	120.00	0.00057
-13.00	120.00	0.00058	-11.00	120.00	0.00058
-9.00	120.00	0.00058	9.00	120.00	0.00059
11.00	120.00	0.00059	13.00	120.00	0.00058
15.00	120.00	0.00058	17.00	120.00	0.00057
20.00	120.00	0.00057	25.00	120.00	0.00055
30.00	120.00	0.00054	40.00	120.00	0.00050
50.00	120.00	0.00047	60.00	120.00	0.00044
70.00	120.00	0.00041	80.00	120.00	0.00038
90.00	120.00	0.00035	100.00	120.00	0.00033
-100.00	130.00	0.00021	-90.00	130.00	0.00024
-80.00	130.00	0.00027	-70.00	130.00	0.00031
-60.00	130.00	0.00035	-50.00	130.00	0.00040
-40.00	130.00	0.00044	-30.00	130.00	0.00048
-25.00	130.00	0.00050	-20.00	130.00	0.00051
-17.00	130.00	0.00052	-15.00	130.00	0.00053
-13.00	130.00	0.00053	-11.00	130.00	0.00053
-9.00	130.00	0.00054	9.00	130.00	0.00054
11.00	130.00	0.00054	13.00	130.00	0.00053
15.00	130.00	0.00053	17.00	130.00	0.00053
20.00	130.00	0.00052	25.00	130.00	0.00051
30.00	130.00	0.00049	40.00	130.00	0.00046
50.00	130.00	0.00043	60.00	130.00	0.00041
70.00	130.00	0.00038	80.00	130.00	0.00036
90.00	130.00	0.00033	100.00	130.00	0.00031
-100.00	140.00	0.00021	-90.00	140.00	0.00023
-80.00	140.00	0.00026	-70.00	140.00	0.00030
-60.00	140.00	0.00033	-50.00	140.00	0.00038
-40.00	140.00	0.00041	-30.00	140.00	0.00045
-25.00	140.00	0.00046	-20.00	140.00	0.00047

-17.00	140.00	0.00048	-15.00	140.00	0.00048
-13.00	140.00	0.00049	-11.00	140.00	0.00049
-9.00	140.00	0.00049	9.00	140.00	0.00050
11.00	140.00	0.00049	13.00	140.00	0.00049
15.00	140.00	0.00049	17.00	140.00	0.00049
20.00	140.00	0.00048	25.00	140.00	0.00047
30.00	140.00	0.00046	40.00	140.00	0.00043
50.00	140.00	0.00040	60.00	140.00	0.00038
70.00	140.00	0.00036	80.00	140.00	0.00034
90.00	140.00	0.00031	100.00	140.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 98
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00020	-90.00	150.00	0.00022
-80.00	150.00	0.00025	-70.00	150.00	0.00028
-60.00	150.00	0.00032	-50.00	150.00	0.00035
-40.00	150.00	0.00039	-30.00	150.00	0.00042
-25.00	150.00	0.00043	-20.00	150.00	0.00044
-17.00	150.00	0.00044	-15.00	150.00	0.00045
-13.00	150.00	0.00045	-11.00	150.00	0.00045
-9.00	150.00	0.00045	9.00	150.00	0.00046
11.00	150.00	0.00046	13.00	150.00	0.00045
15.00	150.00	0.00045	17.00	150.00	0.00045
20.00	150.00	0.00044	25.00	150.00	0.00044
30.00	150.00	0.00043	40.00	150.00	0.00040
50.00	150.00	0.00038	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	0.00019	-90.00	160.00	0.00021
-80.00	160.00	0.00024	-70.00	160.00	0.00027
-60.00	160.00	0.00030	-50.00	160.00	0.00033
-40.00	160.00	0.00036	-30.00	160.00	0.00039
-25.00	160.00	0.00040	-20.00	160.00	0.00041
-17.00	160.00	0.00041	-15.00	160.00	0.00041
-13.00	160.00	0.00042	-11.00	160.00	0.00042
-9.00	160.00	0.00042	9.00	160.00	0.00042
11.00	160.00	0.00042	13.00	160.00	0.00042

15.00	160.00	0.00042	17.00	160.00	0.00042
20.00	160.00	0.00041	25.00	160.00	0.00040
30.00	160.00	0.00040	40.00	160.00	0.00038
50.00	160.00	0.00035	60.00	160.00	0.00033
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	0.00019	-90.00	170.00	0.00021
-80.00	170.00	0.00023	-70.00	170.00	0.00026
-60.00	170.00	0.00029	-50.00	170.00	0.00032
-40.00	170.00	0.00034	-30.00	170.00	0.00036
-25.00	170.00	0.00037	-20.00	170.00	0.00038
-17.00	170.00	0.00038	-15.00	170.00	0.00038
-13.00	170.00	0.00039	-11.00	170.00	0.00039
-9.00	170.00	0.00039	9.00	170.00	0.00039
11.00	170.00	0.00039	13.00	170.00	0.00039
15.00	170.00	0.00039	17.00	170.00	0.00039

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 99
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00038	25.00	170.00	0.00038
30.00	170.00	0.00037	40.00	170.00	0.00035
50.00	170.00	0.00033	60.00	170.00	0.00031
70.00	170.00	0.00030	80.00	170.00	0.00028
90.00	170.00	0.00027	100.00	170.00	0.00025
-100.00	180.00	0.00018	-90.00	180.00	0.00020
-80.00	180.00	0.00022	-70.00	180.00	0.00025
-60.00	180.00	0.00027	-50.00	180.00	0.00030
-40.00	180.00	0.00032	-30.00	180.00	0.00034
-25.00	180.00	0.00035	-20.00	180.00	0.00035
-17.00	180.00	0.00036	-15.00	180.00	0.00036
-13.00	180.00	0.00036	-11.00	180.00	0.00036
-9.00	180.00	0.00036	9.00	180.00	0.00037
11.00	180.00	0.00036	13.00	180.00	0.00036
15.00	180.00	0.00036	17.00	180.00	0.00036
20.00	180.00	0.00036	25.00	180.00	0.00035
30.00	180.00	0.00035	40.00	180.00	0.00033
50.00	180.00	0.00031	60.00	180.00	0.00030

70.00	180.00	0.00028	80.00	180.00	0.00027
90.00	180.00	0.00025	100.00	180.00	0.00024
-100.00	190.00	0.00017	-90.00	190.00	0.00019
-80.00	190.00	0.00022	-70.00	190.00	0.00024
-60.00	190.00	0.00026	-50.00	190.00	0.00028
-40.00	190.00	0.00030	-30.00	190.00	0.00032
-25.00	190.00	0.00032	-20.00	190.00	0.00033
-17.00	190.00	0.00033	-15.00	190.00	0.00033
-13.00	190.00	0.00034	-11.00	190.00	0.00034
-9.00	190.00	0.00034	9.00	190.00	0.00034
11.00	190.00	0.00034	13.00	190.00	0.00034
15.00	190.00	0.00034	17.00	190.00	0.00034
20.00	190.00	0.00033	25.00	190.00	0.00033
30.00	190.00	0.00032	40.00	190.00	0.00031
50.00	190.00	0.00030	60.00	190.00	0.00028
70.00	190.00	0.00027	80.00	190.00	0.00025
90.00	190.00	0.00024	100.00	190.00	0.00023
-100.00	200.00	0.00017	-90.00	200.00	0.00019
-80.00	200.00	0.00021	-70.00	200.00	0.00023
-60.00	200.00	0.00025	-50.00	200.00	0.00027
-40.00	200.00	0.00028	-30.00	200.00	0.00030
-25.00	200.00	0.00030	-20.00	200.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 100
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00031	-15.00	200.00	0.00031
-13.00	200.00	0.00031	-11.00	200.00	0.00032
-9.00	200.00	0.00032	9.00	200.00	0.00032
11.00	200.00	0.00032	13.00	200.00	0.00032
15.00	200.00	0.00032	17.00	200.00	0.00032
20.00	200.00	0.00031	25.00	200.00	0.00031
30.00	200.00	0.00030	40.00	200.00	0.00029
50.00	200.00	0.00028	60.00	200.00	0.00026
70.00	200.00	0.00025	80.00	200.00	0.00024
90.00	200.00	0.00023	100.00	200.00	0.00022
-100.00	210.00	0.00016	-90.00	210.00	0.00018
-80.00	210.00	0.00020	-70.00	210.00	0.00022

-60.00	210.00	0.00024	-50.00	210.00	0.00025
-40.00	210.00	0.00027	-30.00	210.00	0.00028
-25.00	210.00	0.00029	-20.00	210.00	0.00029
-17.00	210.00	0.00029	-15.00	210.00	0.00029
-13.00	210.00	0.00030	-11.00	210.00	0.00030
-9.00	210.00	0.00030	9.00	210.00	0.00030
11.00	210.00	0.00030	13.00	210.00	0.00030
15.00	210.00	0.00030	17.00	210.00	0.00030
20.00	210.00	0.00029	25.00	210.00	0.00029
30.00	210.00	0.00029	40.00	210.00	0.00028
50.00	210.00	0.00026	60.00	210.00	0.00025
70.00	210.00	0.00024	80.00	210.00	0.00023
90.00	210.00	0.00022	100.00	210.00	0.00021
-100.00	220.00	0.00016	-90.00	220.00	0.00018
-80.00	220.00	0.00019	-70.00	220.00	0.00021
-60.00	220.00	0.00023	-50.00	220.00	0.00024
-40.00	220.00	0.00025	-30.00	220.00	0.00027
-25.00	220.00	0.00027	-20.00	220.00	0.00027
-17.00	220.00	0.00028	-15.00	220.00	0.00028
-13.00	220.00	0.00028	-11.00	220.00	0.00028
-9.00	220.00	0.00028	9.00	220.00	0.00028
11.00	220.00	0.00028	13.00	220.00	0.00028
15.00	220.00	0.00028	17.00	220.00	0.00028
20.00	220.00	0.00028	25.00	220.00	0.00027
30.00	220.00	0.00027	40.00	220.00	0.00026
50.00	220.00	0.00025	60.00	220.00	0.00024
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 ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 101
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00015	-90.00	230.00	0.00017
-80.00	230.00	0.00019	-70.00	230.00	0.00020
-60.00	230.00	0.00022	-50.00	230.00	0.00023
-40.00	230.00	0.00024	-30.00	230.00	0.00025
-25.00	230.00	0.00025	-20.00	230.00	0.00026
-17.00	230.00	0.00026	-15.00	230.00	0.00026

-13.00	230.00	0.00026	-11.00	230.00	0.00026
-9.00	230.00	0.00026	9.00	230.00	0.00026
11.00	230.00	0.00026	13.00	230.00	0.00026
15.00	230.00	0.00026	17.00	230.00	0.00026
20.00	230.00	0.00026	25.00	230.00	0.00026
30.00	230.00	0.00026	40.00	230.00	0.00025
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	0.00015	-90.00	240.00	0.00016
-80.00	240.00	0.00018	-70.00	240.00	0.00019
-60.00	240.00	0.00021	-50.00	240.00	0.00022
-40.00	240.00	0.00023	-30.00	240.00	0.00024
-25.00	240.00	0.00024	-20.00	240.00	0.00024
-17.00	240.00	0.00025	-15.00	240.00	0.00025
-13.00	240.00	0.00025	-11.00	240.00	0.00025
-9.00	240.00	0.00025	9.00	240.00	0.00025
11.00	240.00	0.00025	13.00	240.00	0.00025
15.00	240.00	0.00025	17.00	240.00	0.00025
20.00	240.00	0.00025	25.00	240.00	0.00024
30.00	240.00	0.00024	40.00	240.00	0.00023
50.00	240.00	0.00022	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	0.00015	-90.00	250.00	0.00016
-80.00	250.00	0.00017	-70.00	250.00	0.00018
-60.00	250.00	0.00020	-50.00	250.00	0.00021
-40.00	250.00	0.00022	-30.00	250.00	0.00022
-25.00	250.00	0.00023	-20.00	250.00	0.00023
-17.00	250.00	0.00023	-15.00	250.00	0.00023
-13.00	250.00	0.00023	-11.00	250.00	0.00023
-9.00	250.00	0.00024	9.00	250.00	0.00024
11.00	250.00	0.00024	13.00	250.00	0.00024
15.00	250.00	0.00024	17.00	250.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 102
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

20.00	250.00	0.00023	25.00	250.00	0.00023
30.00	250.00	0.00023	40.00	250.00	0.00022
50.00	250.00	0.00021	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	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** 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	0.00110	-90.00	-250.00	0.00128
-80.00	-250.00	0.00149	-70.00	-250.00	0.00173
-60.00	-250.00	0.00203	-50.00	-250.00	0.00236
-40.00	-250.00	0.00273	-30.00	-250.00	0.00309
-25.00	-250.00	0.00323	-20.00	-250.00	0.00331
-17.00	-250.00	0.00332	-15.00	-250.00	0.00330
-13.00	-250.00	0.00326	-11.00	-250.00	0.00319
-9.00	-250.00	0.00310	9.00	-250.00	0.00182
11.00	-250.00	0.00170	13.00	-250.00	0.00159
15.00	-250.00	0.00149	17.00	-250.00	0.00140
20.00	-250.00	0.00127	25.00	-250.00	0.00110
30.00	-250.00	0.00096	40.00	-250.00	0.00075
50.00	-250.00	0.00060	60.00	-250.00	0.00049
70.00	-250.00	0.00041	80.00	-250.00	0.00034
90.00	-250.00	0.00028	100.00	-250.00	0.00024
-100.00	-240.00	0.00111	-90.00	-240.00	0.00129
-80.00	-240.00	0.00152	-70.00	-240.00	0.00179
-60.00	-240.00	0.00213	-50.00	-240.00	0.00252
-40.00	-240.00	0.00299	-30.00	-240.00	0.00348
-25.00	-240.00	0.00372	-20.00	-240.00	0.00392
-17.00	-240.00	0.00401	-15.00	-240.00	0.00405
-13.00	-240.00	0.00406	-11.00	-240.00	0.00404
-9.00	-240.00	0.00396	9.00	-240.00	0.00208
11.00	-240.00	0.00192	13.00	-240.00	0.00177
15.00	-240.00	0.00165	17.00	-240.00	0.00154
20.00	-240.00	0.00139	25.00	-240.00	0.00119
30.00	-240.00	0.00103	40.00	-240.00	0.00079
50.00	-240.00	0.00063	60.00	-240.00	0.00051
70.00	-240.00	0.00042	80.00	-240.00	0.00035

90.00	-240.00	0.00029	100.00	-240.00	0.00024
-100.00	-230.00	0.00109	-90.00	-230.00	0.00129
-80.00	-230.00	0.00152	-70.00	-230.00	0.00181
-60.00	-230.00	0.00217	-50.00	-230.00	0.00261
-40.00	-230.00	0.00315	-30.00	-230.00	0.00376
-25.00	-230.00	0.00409	-20.00	-230.00	0.00443
-17.00	-230.00	0.00462	-15.00	-230.00	0.00475
-13.00	-230.00	0.00487	-11.00	-230.00	0.00499
-9.00	-230.00	0.00510	9.00	-230.00	0.00233
11.00	-230.00	0.00212	13.00	-230.00	0.00194
15.00	-230.00	0.00179	17.00	-230.00	0.00165

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 104
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00149	25.00	-230.00	0.00126
30.00	-230.00	0.00109	40.00	-230.00	0.00083
50.00	-230.00	0.00066	60.00	-230.00	0.00053
70.00	-230.00	0.00043	80.00	-230.00	0.00036
90.00	-230.00	0.00030	100.00	-230.00	0.00025
-100.00	-220.00	0.00106	-90.00	-220.00	0.00126
-80.00	-220.00	0.00149	-70.00	-220.00	0.00179
-60.00	-220.00	0.00216	-50.00	-220.00	0.00263
-40.00	-220.00	0.00320	-30.00	-220.00	0.00387
-25.00	-220.00	0.00425	-20.00	-220.00	0.00465
-17.00	-220.00	0.00490	-15.00	-220.00	0.00508
-13.00	-220.00	0.00526	-11.00	-220.00	0.00548
-9.00	-220.00	0.00575	9.00	-220.00	0.00275
11.00	-220.00	0.00244	13.00	-220.00	0.00220
15.00	-220.00	0.00201	17.00	-220.00	0.00185
20.00	-220.00	0.00165	25.00	-220.00	0.00139
30.00	-220.00	0.00118	40.00	-220.00	0.00090
50.00	-220.00	0.00070	60.00	-220.00	0.00056
70.00	-220.00	0.00045	80.00	-220.00	0.00037
90.00	-220.00	0.00031	100.00	-220.00	0.00026
-100.00	-210.00	0.00102	-90.00	-210.00	0.00120
-80.00	-210.00	0.00143	-70.00	-210.00	0.00173
-60.00	-210.00	0.00209	-50.00	-210.00	0.00255

-40.00	-210.00	0.00312	-30.00	-210.00	0.00381
-25.00	-210.00	0.00421	-20.00	-210.00	0.00465
-17.00	-210.00	0.00494	-15.00	-210.00	0.00515
-13.00	-210.00	0.00538	-11.00	-210.00	0.00567
-9.00	-210.00	0.00607	9.00	-210.00	0.00375
11.00	-210.00	0.00323	13.00	-210.00	0.00284
15.00	-210.00	0.00254	17.00	-210.00	0.00229
20.00	-210.00	0.00199	25.00	-210.00	0.00162
30.00	-210.00	0.00136	40.00	-210.00	0.00100
50.00	-210.00	0.00077	60.00	-210.00	0.00060
70.00	-210.00	0.00048	80.00	-210.00	0.00039
90.00	-210.00	0.00032	100.00	-210.00	0.00027
-100.00	-200.00	0.00095	-90.00	-200.00	0.00112
-80.00	-200.00	0.00134	-70.00	-200.00	0.00161
-60.00	-200.00	0.00196	-50.00	-200.00	0.00241
-40.00	-200.00	0.00297	-30.00	-200.00	0.00368
-25.00	-200.00	0.00411	-20.00	-200.00	0.00460

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00495	-15.00	-200.00	0.00523
-13.00	-200.00	0.00556	-11.00	-200.00	0.00597
-9.00	-200.00	0.00656	9.00	-200.00	0.00470
11.00	-200.00	0.00405	13.00	-200.00	0.00356
15.00	-200.00	0.00316	17.00	-200.00	0.00282
20.00	-200.00	0.00242	25.00	-200.00	0.00194
30.00	-200.00	0.00159	40.00	-200.00	0.00114
50.00	-200.00	0.00085	60.00	-200.00	0.00066
70.00	-200.00	0.00052	80.00	-200.00	0.00042
90.00	-200.00	0.00035	100.00	-200.00	0.00029
-100.00	-190.00	0.00087	-90.00	-190.00	0.00103
-80.00	-190.00	0.00123	-70.00	-190.00	0.00148
-60.00	-190.00	0.00180	-50.00	-190.00	0.00223
-40.00	-190.00	0.00278	-30.00	-190.00	0.00349
-25.00	-190.00	0.00395	-20.00	-190.00	0.00452
-17.00	-190.00	0.00495	-15.00	-190.00	0.00531
-13.00	-190.00	0.00574	-11.00	-190.00	0.00628

-9.00	-190.00	0.00700	9.00	-190.00	0.00540
11.00	-190.00	0.00469	13.00	-190.00	0.00414
15.00	-190.00	0.00368	17.00	-190.00	0.00330
20.00	-190.00	0.00284	25.00	-190.00	0.00226
30.00	-190.00	0.00184	40.00	-190.00	0.00129
50.00	-190.00	0.00094	60.00	-190.00	0.00072
70.00	-190.00	0.00056	80.00	-190.00	0.00045
90.00	-190.00	0.00037	100.00	-190.00	0.00031
-100.00	-180.00	0.00079	-90.00	-180.00	0.00093
-80.00	-180.00	0.00110	-70.00	-180.00	0.00133
-60.00	-180.00	0.00163	-50.00	-180.00	0.00202
-40.00	-180.00	0.00253	-30.00	-180.00	0.00324
-25.00	-180.00	0.00373	-20.00	-180.00	0.00436
-17.00	-180.00	0.00487	-15.00	-180.00	0.00529
-13.00	-180.00	0.00581	-11.00	-180.00	0.00644
-9.00	-180.00	0.00725	9.00	-180.00	0.00589
11.00	-180.00	0.00514	13.00	-180.00	0.00456
15.00	-180.00	0.00408	17.00	-180.00	0.00367
20.00	-180.00	0.00318	25.00	-180.00	0.00254
30.00	-180.00	0.00207	40.00	-180.00	0.00144
50.00	-180.00	0.00104	60.00	-180.00	0.00079
70.00	-180.00	0.00061	80.00	-180.00	0.00049
90.00	-180.00	0.00040	100.00	-180.00	0.00034

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00070	-90.00	-170.00	0.00082
-80.00	-170.00	0.00098	-70.00	-170.00	0.00118
-60.00	-170.00	0.00144	-50.00	-170.00	0.00178
-40.00	-170.00	0.00225	-30.00	-170.00	0.00293
-25.00	-170.00	0.00342	-20.00	-170.00	0.00410
-17.00	-170.00	0.00465	-15.00	-170.00	0.00512
-13.00	-170.00	0.00568	-11.00	-170.00	0.00638
-9.00	-170.00	0.00725	9.00	-170.00	0.00619
11.00	-170.00	0.00543	13.00	-170.00	0.00484
15.00	-170.00	0.00436	17.00	-170.00	0.00394
20.00	-170.00	0.00343	25.00	-170.00	0.00277

30.00	-170.00	0.00227	40.00	-170.00	0.00158
50.00	-170.00	0.00115	60.00	-170.00	0.00087
70.00	-170.00	0.00067	80.00	-170.00	0.00054
90.00	-170.00	0.00044	100.00	-170.00	0.00036
-100.00	-160.00	0.00063	-90.00	-160.00	0.00073
-80.00	-160.00	0.00086	-70.00	-160.00	0.00103
-60.00	-160.00	0.00125	-50.00	-160.00	0.00154
-40.00	-160.00	0.00195	-30.00	-160.00	0.00257
-25.00	-160.00	0.00304	-20.00	-160.00	0.00371
-17.00	-160.00	0.00427	-15.00	-160.00	0.00475
-13.00	-160.00	0.00533	-11.00	-160.00	0.00605
-9.00	-160.00	0.00697	9.00	-160.00	0.00634
11.00	-160.00	0.00559	13.00	-160.00	0.00501
15.00	-160.00	0.00454	17.00	-160.00	0.00413
20.00	-160.00	0.00361	25.00	-160.00	0.00293
30.00	-160.00	0.00242	40.00	-160.00	0.00170
50.00	-160.00	0.00125	60.00	-160.00	0.00094
70.00	-160.00	0.00073	80.00	-160.00	0.00058
90.00	-160.00	0.00047	100.00	-160.00	0.00039
-100.00	-150.00	0.00056	-90.00	-150.00	0.00065
-80.00	-150.00	0.00076	-70.00	-150.00	0.00090
-60.00	-150.00	0.00108	-50.00	-150.00	0.00132
-40.00	-150.00	0.00166	-30.00	-150.00	0.00220
-25.00	-150.00	0.00261	-20.00	-150.00	0.00323
-17.00	-150.00	0.00375	-15.00	-150.00	0.00420
-13.00	-150.00	0.00476	-11.00	-150.00	0.00545
-9.00	-150.00	0.00636	9.00	-150.00	0.00638
11.00	-150.00	0.00566	13.00	-150.00	0.00509
15.00	-150.00	0.00463	17.00	-150.00	0.00423

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00372	25.00	-150.00	0.00305
30.00	-150.00	0.00254	40.00	-150.00	0.00182
50.00	-150.00	0.00134	60.00	-150.00	0.00102
70.00	-150.00	0.00079	80.00	-150.00	0.00063
90.00	-150.00	0.00051	100.00	-150.00	0.00042

-100.00	-140.00	0.00050	-90.00	-140.00	0.00058
-80.00	-140.00	0.00067	-70.00	-140.00	0.00079
-60.00	-140.00	0.00094	-50.00	-140.00	0.00115
-40.00	-140.00	0.00144	-30.00	-140.00	0.00190
-25.00	-140.00	0.00226	-20.00	-140.00	0.00279
-17.00	-140.00	0.00324	-15.00	-140.00	0.00361
-13.00	-140.00	0.00408	-11.00	-140.00	0.00466
-9.00	-140.00	0.00543	9.00	-140.00	0.00635
11.00	-140.00	0.00567	13.00	-140.00	0.00512
15.00	-140.00	0.00468	17.00	-140.00	0.00429
20.00	-140.00	0.00380	25.00	-140.00	0.00314
30.00	-140.00	0.00263	40.00	-140.00	0.00190
50.00	-140.00	0.00141	60.00	-140.00	0.00107
70.00	-140.00	0.00084	80.00	-140.00	0.00067
90.00	-140.00	0.00054	100.00	-140.00	0.00044
-100.00	-130.00	0.00045	-90.00	-130.00	0.00052
-80.00	-130.00	0.00060	-70.00	-130.00	0.00070
-60.00	-130.00	0.00084	-50.00	-130.00	0.00102
-40.00	-130.00	0.00129	-30.00	-130.00	0.00172
-25.00	-130.00	0.00207	-20.00	-130.00	0.00257
-17.00	-130.00	0.00298	-15.00	-130.00	0.00332
-13.00	-130.00	0.00373	-11.00	-130.00	0.00424
-9.00	-130.00	0.00486	9.00	-130.00	0.00605
11.00	-130.00	0.00549	13.00	-130.00	0.00500
15.00	-130.00	0.00459	17.00	-130.00	0.00423
20.00	-130.00	0.00376	25.00	-130.00	0.00313
30.00	-130.00	0.00264	40.00	-130.00	0.00193
50.00	-130.00	0.00145	60.00	-130.00	0.00111
70.00	-130.00	0.00087	80.00	-130.00	0.00069
90.00	-130.00	0.00056	100.00	-130.00	0.00046
-100.00	-120.00	0.00041	-90.00	-120.00	0.00047
-80.00	-120.00	0.00055	-70.00	-120.00	0.00064
-60.00	-120.00	0.00077	-50.00	-120.00	0.00095
-40.00	-120.00	0.00122	-30.00	-120.00	0.00166
-25.00	-120.00	0.00201	-20.00	-120.00	0.00250

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 108
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00290	-15.00	-120.00	0.00322
-13.00	-120.00	0.00360	-11.00	-120.00	0.00405
-9.00	-120.00	0.00455	9.00	-120.00	0.00509
11.00	-120.00	0.00475	13.00	-120.00	0.00443
15.00	-120.00	0.00414	17.00	-120.00	0.00387
20.00	-120.00	0.00350	25.00	-120.00	0.00298
30.00	-120.00	0.00255	40.00	-120.00	0.00190
50.00	-120.00	0.00145	60.00	-120.00	0.00113
70.00	-120.00	0.00089	80.00	-120.00	0.00072
90.00	-120.00	0.00058	100.00	-120.00	0.00048
-100.00	-110.00	0.00038	-90.00	-110.00	0.00044
-80.00	-110.00	0.00051	-70.00	-110.00	0.00061
-60.00	-110.00	0.00073	-50.00	-110.00	0.00091
-40.00	-110.00	0.00117	-30.00	-110.00	0.00161
-25.00	-110.00	0.00194	-20.00	-110.00	0.00240
-17.00	-110.00	0.00275	-15.00	-110.00	0.00302
-13.00	-110.00	0.00332	-11.00	-110.00	0.00364
-9.00	-110.00	0.00396	9.00	-110.00	0.00415
11.00	-110.00	0.00394	13.00	-110.00	0.00373
15.00	-110.00	0.00354	17.00	-110.00	0.00335
20.00	-110.00	0.00309	25.00	-110.00	0.00270
30.00	-110.00	0.00237	40.00	-110.00	0.00183
50.00	-110.00	0.00142	60.00	-110.00	0.00112
70.00	-110.00	0.00089	80.00	-110.00	0.00072
90.00	-110.00	0.00059	100.00	-110.00	0.00049
-100.00	-100.00	0.00037	-90.00	-100.00	0.00042
-80.00	-100.00	0.00049	-70.00	-100.00	0.00058
-60.00	-100.00	0.00070	-50.00	-100.00	0.00087
-40.00	-100.00	0.00112	-30.00	-100.00	0.00154
-25.00	-100.00	0.00184	-20.00	-100.00	0.00223
-17.00	-100.00	0.00251	-15.00	-100.00	0.00272
-13.00	-100.00	0.00293	-11.00	-100.00	0.00313
-9.00	-100.00	0.00333	9.00	-100.00	0.00339
11.00	-100.00	0.00325	13.00	-100.00	0.00312
15.00	-100.00	0.00299	17.00	-100.00	0.00286
20.00	-100.00	0.00268	25.00	-100.00	0.00239
30.00	-100.00	0.00214	40.00	-100.00	0.00170
50.00	-100.00	0.00136	60.00	-100.00	0.00109
70.00	-100.00	0.00088	80.00	-100.00	0.00072
90.00	-100.00	0.00060	100.00	-100.00	0.00050

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	-90.00	0.00035	-90.00	-90.00	0.00041
-80.00	-90.00	0.00047	-70.00	-90.00	0.00056
-60.00	-90.00	0.00067	-50.00	-90.00	0.00083
-40.00	-90.00	0.00107	-30.00	-90.00	0.00145
-25.00	-90.00	0.00171	-20.00	-90.00	0.00203
-17.00	-90.00	0.00224	-15.00	-90.00	0.00239
-13.00	-90.00	0.00253	-11.00	-90.00	0.00266
-9.00	-90.00	0.00277	9.00	-90.00	0.00280
11.00	-90.00	0.00271	13.00	-90.00	0.00262
15.00	-90.00	0.00252	17.00	-90.00	0.00243
20.00	-90.00	0.00230	25.00	-90.00	0.00209
30.00	-90.00	0.00190	40.00	-90.00	0.00156
50.00	-90.00	0.00128	60.00	-90.00	0.00105
70.00	-90.00	0.00086	80.00	-90.00	0.00071
90.00	-90.00	0.00059	100.00	-90.00	0.00050
-100.00	-80.00	0.00034	-90.00	-80.00	0.00039
-80.00	-80.00	0.00045	-70.00	-80.00	0.00053
-60.00	-80.00	0.00064	-50.00	-80.00	0.00079
-40.00	-80.00	0.00102	-30.00	-80.00	0.00135
-25.00	-80.00	0.00157	-20.00	-80.00	0.00182
-17.00	-80.00	0.00197	-15.00	-80.00	0.00207
-13.00	-80.00	0.00216	-11.00	-80.00	0.00225
-9.00	-80.00	0.00232	9.00	-80.00	0.00234
11.00	-80.00	0.00228	13.00	-80.00	0.00221
15.00	-80.00	0.00215	17.00	-80.00	0.00208
20.00	-80.00	0.00198	25.00	-80.00	0.00183
30.00	-80.00	0.00168	40.00	-80.00	0.00142
50.00	-80.00	0.00119	60.00	-80.00	0.00099
70.00	-80.00	0.00083	80.00	-80.00	0.00070
90.00	-80.00	0.00059	100.00	-80.00	0.00050
-100.00	-70.00	0.00033	-90.00	-70.00	0.00037
-80.00	-70.00	0.00043	-70.00	-70.00	0.00051
-60.00	-70.00	0.00061	-50.00	-70.00	0.00075
-40.00	-70.00	0.00096	-30.00	-70.00	0.00125
-25.00	-70.00	0.00143	-20.00	-70.00	0.00162
-17.00	-70.00	0.00173	-15.00	-70.00	0.00179
-13.00	-70.00	0.00186	-11.00	-70.00	0.00191

-9.00	-70.00	0.00196	9.00	-70.00	0.00197
11.00	-70.00	0.00193	13.00	-70.00	0.00189
15.00	-70.00	0.00184	17.00	-70.00	0.00179

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 110
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00171	25.00	-70.00	0.00160
30.00	-70.00	0.00148	40.00	-70.00	0.00128
50.00	-70.00	0.00110	60.00	-70.00	0.00093
70.00	-70.00	0.00079	80.00	-70.00	0.00067
90.00	-70.00	0.00057	100.00	-70.00	0.00049
-100.00	-60.00	0.00031	-90.00	-60.00	0.00036
-80.00	-60.00	0.00041	-70.00	-60.00	0.00048
-60.00	-60.00	0.00058	-50.00	-60.00	0.00071
-40.00	-60.00	0.00090	-30.00	-60.00	0.00114
-25.00	-60.00	0.00129	-20.00	-60.00	0.00143
-17.00	-60.00	0.00151	-15.00	-60.00	0.00156
-13.00	-60.00	0.00160	-11.00	-60.00	0.00164
-9.00	-60.00	0.00168	9.00	-60.00	0.00169
11.00	-60.00	0.00166	13.00	-60.00	0.00162
15.00	-60.00	0.00159	17.00	-60.00	0.00155
20.00	-60.00	0.00149	25.00	-60.00	0.00140
30.00	-60.00	0.00131	40.00	-60.00	0.00115
50.00	-60.00	0.00100	60.00	-60.00	0.00087
70.00	-60.00	0.00075	80.00	-60.00	0.00064
90.00	-60.00	0.00055	100.00	-60.00	0.00048
-100.00	-50.00	0.00030	-90.00	-50.00	0.00034
-80.00	-50.00	0.00040	-70.00	-50.00	0.00046
-60.00	-50.00	0.00055	-50.00	-50.00	0.00067
-40.00	-50.00	0.00084	-30.00	-50.00	0.00105
-25.00	-50.00	0.00116	-20.00	-50.00	0.00127
-17.00	-50.00	0.00133	-15.00	-50.00	0.00136
-13.00	-50.00	0.00139	-11.00	-50.00	0.00142
-9.00	-50.00	0.00145	9.00	-50.00	0.00146
11.00	-50.00	0.00143	13.00	-50.00	0.00141
15.00	-50.00	0.00138	17.00	-50.00	0.00136
20.00	-50.00	0.00131	25.00	-50.00	0.00124

30.00	-50.00	0.00117	40.00	-50.00	0.00104
50.00	-50.00	0.00092	60.00	-50.00	0.00081
70.00	-50.00	0.00070	80.00	-50.00	0.00061
90.00	-50.00	0.00053	100.00	-50.00	0.00046
-100.00	-40.00	0.00029	-90.00	-40.00	0.00033
-80.00	-40.00	0.00038	-70.00	-40.00	0.00044
-60.00	-40.00	0.00053	-50.00	-40.00	0.00064
-40.00	-40.00	0.00078	-30.00	-40.00	0.00096
-25.00	-40.00	0.00105	-20.00	-40.00	0.00113

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 111
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00117	-15.00	-40.00	0.00120
-13.00	-40.00	0.00122	-11.00	-40.00	0.00124
-9.00	-40.00	0.00126	9.00	-40.00	0.00127
11.00	-40.00	0.00125	13.00	-40.00	0.00123
15.00	-40.00	0.00122	17.00	-40.00	0.00119
20.00	-40.00	0.00116	25.00	-40.00	0.00110
30.00	-40.00	0.00104	40.00	-40.00	0.00093
50.00	-40.00	0.00084	60.00	-40.00	0.00075
70.00	-40.00	0.00066	80.00	-40.00	0.00058
90.00	-40.00	0.00051	100.00	-40.00	0.00045
-100.00	-30.00	0.00028	-90.00	-30.00	0.00032
-80.00	-30.00	0.00036	-70.00	-30.00	0.00042
-60.00	-30.00	0.00050	-50.00	-30.00	0.00060
-40.00	-30.00	0.00073	-30.00	-30.00	0.00087
-25.00	-30.00	0.00094	-20.00	-30.00	0.00101
-17.00	-30.00	0.00104	-15.00	-30.00	0.00106
-13.00	-30.00	0.00108	-11.00	-30.00	0.00109
-9.00	-30.00	0.00111	9.00	-30.00	0.00111
11.00	-30.00	0.00110	13.00	-30.00	0.00109
15.00	-30.00	0.00107	17.00	-30.00	0.00106
20.00	-30.00	0.00103	25.00	-30.00	0.00098
30.00	-30.00	0.00093	40.00	-30.00	0.00085
50.00	-30.00	0.00076	60.00	-30.00	0.00069
70.00	-30.00	0.00062	80.00	-30.00	0.00055
90.00	-30.00	0.00049	100.00	-30.00	0.00043

-100.00	-20.00	0.00027	-90.00	-20.00	0.00030
-80.00	-20.00	0.00035	-70.00	-20.00	0.00040
-60.00	-20.00	0.00047	-50.00	-20.00	0.00057
-40.00	-20.00	0.00068	-30.00	-20.00	0.00080
-25.00	-20.00	0.00085	-20.00	-20.00	0.00090
-17.00	-20.00	0.00093	-15.00	-20.00	0.00094
-13.00	-20.00	0.00096	-11.00	-20.00	0.00097
-9.00	-20.00	0.00098	9.00	-20.00	0.00099
11.00	-20.00	0.00098	13.00	-20.00	0.00097
15.00	-20.00	0.00096	17.00	-20.00	0.00094
20.00	-20.00	0.00092	25.00	-20.00	0.00088
30.00	-20.00	0.00084	40.00	-20.00	0.00077
50.00	-20.00	0.00070	60.00	-20.00	0.00064
70.00	-20.00	0.00058	80.00	-20.00	0.00052
90.00	-20.00	0.00046	100.00	-20.00	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 112
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00026	-90.00	-10.00	0.00029
-80.00	-10.00	0.00033	-70.00	-10.00	0.00038
-60.00	-10.00	0.00045	-50.00	-10.00	0.00053
-40.00	-10.00	0.00063	-30.00	-10.00	0.00073
-25.00	-10.00	0.00077	-20.00	-10.00	0.00081
-17.00	-10.00	0.00083	-15.00	-10.00	0.00085
-13.00	-10.00	0.00086	-11.00	-10.00	0.00087
-9.00	-10.00	0.00087	9.00	-10.00	0.00088
11.00	-10.00	0.00087	13.00	-10.00	0.00086
15.00	-10.00	0.00086	17.00	-10.00	0.00085
20.00	-10.00	0.00083	25.00	-10.00	0.00080
30.00	-10.00	0.00076	40.00	-10.00	0.00070
50.00	-10.00	0.00064	60.00	-10.00	0.00059
70.00	-10.00	0.00054	80.00	-10.00	0.00049
90.00	-10.00	0.00044	100.00	-10.00	0.00040
-100.00	0.00	0.00025	-90.00	0.00	0.00028
-80.00	0.00	0.00032	-70.00	0.00	0.00037
-60.00	0.00	0.00043	-50.00	0.00	0.00050
-40.00	0.00	0.00059	-30.00	0.00	0.00067

-25.00	0.00	0.00071	-20.00	0.00	0.00074
-17.00	0.00	0.00075	-15.00	0.00	0.00076
-13.00	0.00	0.00077	-11.00	0.00	0.00078
-9.00	0.00	0.00078	9.00	0.00	0.00079
11.00	0.00	0.00078	13.00	0.00	0.00078
15.00	0.00	0.00077	17.00	0.00	0.00076
20.00	0.00	0.00075	25.00	0.00	0.00072
30.00	0.00	0.00070	40.00	0.00	0.00064
50.00	0.00	0.00059	60.00	0.00	0.00054
70.00	0.00	0.00050	80.00	0.00	0.00046
90.00	0.00	0.00042	100.00	0.00	0.00038
-100.00	10.00	0.00024	-90.00	10.00	0.00027
-80.00	10.00	0.00031	-70.00	10.00	0.00035
-60.00	10.00	0.00041	-50.00	10.00	0.00048
-40.00	10.00	0.00055	-30.00	10.00	0.00061
-25.00	10.00	0.00064	-20.00	10.00	0.00067
-17.00	10.00	0.00068	-15.00	10.00	0.00069
-13.00	10.00	0.00070	-11.00	10.00	0.00070
-9.00	10.00	0.00071	9.00	10.00	0.00071
11.00	10.00	0.00071	13.00	10.00	0.00070
15.00	10.00	0.00070	17.00	10.00	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 113
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00068	25.00	10.00	0.00066
30.00	10.00	0.00064	40.00	10.00	0.00059
50.00	10.00	0.00054	60.00	10.00	0.00050
70.00	10.00	0.00047	80.00	10.00	0.00043
90.00	10.00	0.00039	100.00	10.00	0.00036
-100.00	20.00	0.00023	-90.00	20.00	0.00026
-80.00	20.00	0.00029	-70.00	20.00	0.00034
-60.00	20.00	0.00039	-50.00	20.00	0.00045
-40.00	20.00	0.00051	-30.00	20.00	0.00057
-25.00	20.00	0.00059	-20.00	20.00	0.00061
-17.00	20.00	0.00062	-15.00	20.00	0.00063
-13.00	20.00	0.00063	-11.00	20.00	0.00064
-9.00	20.00	0.00064	9.00	20.00	0.00065

11.00	20.00	0.00064	13.00	20.00	0.00064
15.00	20.00	0.00063	17.00	20.00	0.00063
20.00	20.00	0.00062	25.00	20.00	0.00060
30.00	20.00	0.00058	40.00	20.00	0.00054
50.00	20.00	0.00050	60.00	20.00	0.00047
70.00	20.00	0.00044	80.00	20.00	0.00040
90.00	20.00	0.00037	100.00	20.00	0.00034
-100.00	30.00	0.00022	-90.00	30.00	0.00025
-80.00	30.00	0.00028	-70.00	30.00	0.00032
-60.00	30.00	0.00037	-50.00	30.00	0.00042
-40.00	30.00	0.00047	-30.00	30.00	0.00052
-25.00	30.00	0.00054	-20.00	30.00	0.00056
-17.00	30.00	0.00057	-15.00	30.00	0.00057
-13.00	30.00	0.00058	-11.00	30.00	0.00058
-9.00	30.00	0.00058	9.00	30.00	0.00059
11.00	30.00	0.00059	13.00	30.00	0.00058
15.00	30.00	0.00058	17.00	30.00	0.00057
20.00	30.00	0.00057	25.00	30.00	0.00055
30.00	30.00	0.00054	40.00	30.00	0.00050
50.00	30.00	0.00047	60.00	30.00	0.00044
70.00	30.00	0.00041	80.00	30.00	0.00038
90.00	30.00	0.00035	100.00	30.00	0.00033
-100.00	40.00	0.00021	-90.00	40.00	0.00024
-80.00	40.00	0.00027	-70.00	40.00	0.00031
-60.00	40.00	0.00035	-50.00	40.00	0.00040
-40.00	40.00	0.00044	-30.00	40.00	0.00048
-25.00	40.00	0.00050	-20.00	40.00	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 114
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00052	-15.00	40.00	0.00053
-13.00	40.00	0.00053	-11.00	40.00	0.00053
-9.00	40.00	0.00054	9.00	40.00	0.00054
11.00	40.00	0.00054	13.00	40.00	0.00053
15.00	40.00	0.00053	17.00	40.00	0.00053
20.00	40.00	0.00052	25.00	40.00	0.00051
30.00	40.00	0.00049	40.00	40.00	0.00046

50.00	40.00	0.00043	60.00	40.00	0.00041
70.00	40.00	0.00038	80.00	40.00	0.00036
90.00	40.00	0.00033	100.00	40.00	0.00031
-100.00	50.00	0.00021	-90.00	50.00	0.00023
-80.00	50.00	0.00026	-70.00	50.00	0.00030
-60.00	50.00	0.00033	-50.00	50.00	0.00038
-40.00	50.00	0.00041	-30.00	50.00	0.00045
-25.00	50.00	0.00046	-20.00	50.00	0.00047
-17.00	50.00	0.00048	-15.00	50.00	0.00048
-13.00	50.00	0.00049	-11.00	50.00	0.00049
-9.00	50.00	0.00049	9.00	50.00	0.00050
11.00	50.00	0.00049	13.00	50.00	0.00049
15.00	50.00	0.00049	17.00	50.00	0.00049
20.00	50.00	0.00048	25.00	50.00	0.00047
30.00	50.00	0.00046	40.00	50.00	0.00043
50.00	50.00	0.00040	60.00	50.00	0.00038
70.00	50.00	0.00036	80.00	50.00	0.00034
90.00	50.00	0.00031	100.00	50.00	0.00029
-100.00	60.00	0.00020	-90.00	60.00	0.00022
-80.00	60.00	0.00025	-70.00	60.00	0.00028
-60.00	60.00	0.00032	-50.00	60.00	0.00035
-40.00	60.00	0.00039	-30.00	60.00	0.00042
-25.00	60.00	0.00043	-20.00	60.00	0.00044
-17.00	60.00	0.00044	-15.00	60.00	0.00045
-13.00	60.00	0.00045	-11.00	60.00	0.00045
-9.00	60.00	0.00045	9.00	60.00	0.00046
11.00	60.00	0.00046	13.00	60.00	0.00045
15.00	60.00	0.00045	17.00	60.00	0.00045
20.00	60.00	0.00044	25.00	60.00	0.00044
30.00	60.00	0.00043	40.00	60.00	0.00040
50.00	60.00	0.00038	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 ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 115
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00019	-90.00	70.00	0.00021

-80.00	70.00	0.00024	-70.00	70.00	0.00027
-60.00	70.00	0.00030	-50.00	70.00	0.00033
-40.00	70.00	0.00036	-30.00	70.00	0.00039
-25.00	70.00	0.00040	-20.00	70.00	0.00041
-17.00	70.00	0.00041	-15.00	70.00	0.00041
-13.00	70.00	0.00042	-11.00	70.00	0.00042
-9.00	70.00	0.00042	9.00	70.00	0.00042
11.00	70.00	0.00042	13.00	70.00	0.00042
15.00	70.00	0.00042	17.00	70.00	0.00042
20.00	70.00	0.00041	25.00	70.00	0.00040
30.00	70.00	0.00040	40.00	70.00	0.00038
50.00	70.00	0.00035	60.00	70.00	0.00033
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	0.00019	-90.00	80.00	0.00021
-80.00	80.00	0.00023	-70.00	80.00	0.00026
-60.00	80.00	0.00029	-50.00	80.00	0.00032
-40.00	80.00	0.00034	-30.00	80.00	0.00036
-25.00	80.00	0.00037	-20.00	80.00	0.00038
-17.00	80.00	0.00038	-15.00	80.00	0.00038
-13.00	80.00	0.00039	-11.00	80.00	0.00039
-9.00	80.00	0.00039	9.00	80.00	0.00039
11.00	80.00	0.00039	13.00	80.00	0.00039
15.00	80.00	0.00039	17.00	80.00	0.00039
20.00	80.00	0.00038	25.00	80.00	0.00038
30.00	80.00	0.00037	40.00	80.00	0.00035
50.00	80.00	0.00033	60.00	80.00	0.00031
70.00	80.00	0.00030	80.00	80.00	0.00028
90.00	80.00	0.00027	100.00	80.00	0.00025
-100.00	90.00	0.00018	-90.00	90.00	0.00020
-80.00	90.00	0.00022	-70.00	90.00	0.00025
-60.00	90.00	0.00027	-50.00	90.00	0.00030
-40.00	90.00	0.00032	-30.00	90.00	0.00034
-25.00	90.00	0.00035	-20.00	90.00	0.00035
-17.00	90.00	0.00036	-15.00	90.00	0.00036
-13.00	90.00	0.00036	-11.00	90.00	0.00036
-9.00	90.00	0.00036	9.00	90.00	0.00037
11.00	90.00	0.00036	13.00	90.00	0.00036
15.00	90.00	0.00036	17.00	90.00	0.00036

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 116
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	90.00	0.00036	25.00	90.00	0.00035
30.00	90.00	0.00035	40.00	90.00	0.00033
50.00	90.00	0.00031	60.00	90.00	0.00030
70.00	90.00	0.00028	80.00	90.00	0.00027
90.00	90.00	0.00025	100.00	90.00	0.00024
-100.00	100.00	0.00017	-90.00	100.00	0.00019
-80.00	100.00	0.00022	-70.00	100.00	0.00024
-60.00	100.00	0.00026	-50.00	100.00	0.00028
-40.00	100.00	0.00030	-30.00	100.00	0.00032
-25.00	100.00	0.00032	-20.00	100.00	0.00033
-17.00	100.00	0.00033	-15.00	100.00	0.00033
-13.00	100.00	0.00034	-11.00	100.00	0.00034
-9.00	100.00	0.00034	9.00	100.00	0.00034
11.00	100.00	0.00034	13.00	100.00	0.00034
15.00	100.00	0.00034	17.00	100.00	0.00034
20.00	100.00	0.00033	25.00	100.00	0.00033
30.00	100.00	0.00032	40.00	100.00	0.00031
50.00	100.00	0.00030	60.00	100.00	0.00028
70.00	100.00	0.00027	80.00	100.00	0.00025
90.00	100.00	0.00024	100.00	100.00	0.00023
-100.00	110.00	0.00017	-90.00	110.00	0.00019
-80.00	110.00	0.00021	-70.00	110.00	0.00023
-60.00	110.00	0.00025	-50.00	110.00	0.00027
-40.00	110.00	0.00028	-30.00	110.00	0.00030
-25.00	110.00	0.00030	-20.00	110.00	0.00031
-17.00	110.00	0.00031	-15.00	110.00	0.00031
-13.00	110.00	0.00031	-11.00	110.00	0.00032
-9.00	110.00	0.00032	9.00	110.00	0.00032
11.00	110.00	0.00032	13.00	110.00	0.00032
15.00	110.00	0.00032	17.00	110.00	0.00032
20.00	110.00	0.00031	25.00	110.00	0.00031
30.00	110.00	0.00030	40.00	110.00	0.00029
50.00	110.00	0.00028	60.00	110.00	0.00026
70.00	110.00	0.00025	80.00	110.00	0.00024
90.00	110.00	0.00023	100.00	110.00	0.00022
-100.00	120.00	0.00016	-90.00	120.00	0.00018
-80.00	120.00	0.00020	-70.00	120.00	0.00022
-60.00	120.00	0.00024	-50.00	120.00	0.00025
-40.00	120.00	0.00027	-30.00	120.00	0.00028

-25.00	120.00	0.00029	-20.00	120.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 117
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00029	-15.00	120.00	0.00029
-13.00	120.00	0.00030	-11.00	120.00	0.00030
-9.00	120.00	0.00030	9.00	120.00	0.00030
11.00	120.00	0.00030	13.00	120.00	0.00030
15.00	120.00	0.00030	17.00	120.00	0.00030
20.00	120.00	0.00029	25.00	120.00	0.00029
30.00	120.00	0.00029	40.00	120.00	0.00028
50.00	120.00	0.00026	60.00	120.00	0.00025
70.00	120.00	0.00024	80.00	120.00	0.00023
90.00	120.00	0.00022	100.00	120.00	0.00021
-100.00	130.00	0.00016	-90.00	130.00	0.00018
-80.00	130.00	0.00019	-70.00	130.00	0.00021
-60.00	130.00	0.00023	-50.00	130.00	0.00024
-40.00	130.00	0.00025	-30.00	130.00	0.00027
-25.00	130.00	0.00027	-20.00	130.00	0.00027
-17.00	130.00	0.00028	-15.00	130.00	0.00028
-13.00	130.00	0.00028	-11.00	130.00	0.00028
-9.00	130.00	0.00028	9.00	130.00	0.00028
11.00	130.00	0.00028	13.00	130.00	0.00028
15.00	130.00	0.00028	17.00	130.00	0.00028
20.00	130.00	0.00028	25.00	130.00	0.00027
30.00	130.00	0.00027	40.00	130.00	0.00026
50.00	130.00	0.00025	60.00	130.00	0.00024
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	0.00015	-90.00	140.00	0.00017
-80.00	140.00	0.00019	-70.00	140.00	0.00020
-60.00	140.00	0.00022	-50.00	140.00	0.00023
-40.00	140.00	0.00024	-30.00	140.00	0.00025
-25.00	140.00	0.00025	-20.00	140.00	0.00026
-17.00	140.00	0.00026	-15.00	140.00	0.00026
-13.00	140.00	0.00026	-11.00	140.00	0.00026
-9.00	140.00	0.00026	9.00	140.00	0.00026

11.00	140.00	0.00026	13.00	140.00	0.00026
15.00	140.00	0.00026	17.00	140.00	0.00026
20.00	140.00	0.00026	25.00	140.00	0.00026
30.00	140.00	0.00026	40.00	140.00	0.00025
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 ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 118
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00015	-90.00	150.00	0.00016
-80.00	150.00	0.00018	-70.00	150.00	0.00019
-60.00	150.00	0.00021	-50.00	150.00	0.00022
-40.00	150.00	0.00023	-30.00	150.00	0.00024
-25.00	150.00	0.00024	-20.00	150.00	0.00024
-17.00	150.00	0.00025	-15.00	150.00	0.00025
-13.00	150.00	0.00025	-11.00	150.00	0.00025
-9.00	150.00	0.00025	9.00	150.00	0.00025
11.00	150.00	0.00025	13.00	150.00	0.00025
15.00	150.00	0.00025	17.00	150.00	0.00025
20.00	150.00	0.00025	25.00	150.00	0.00024
30.00	150.00	0.00024	40.00	150.00	0.00023
50.00	150.00	0.00022	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	0.00015	-90.00	160.00	0.00016
-80.00	160.00	0.00017	-70.00	160.00	0.00018
-60.00	160.00	0.00020	-50.00	160.00	0.00021
-40.00	160.00	0.00022	-30.00	160.00	0.00022
-25.00	160.00	0.00023	-20.00	160.00	0.00023
-17.00	160.00	0.00023	-15.00	160.00	0.00023
-13.00	160.00	0.00023	-11.00	160.00	0.00023
-9.00	160.00	0.00024	9.00	160.00	0.00024
11.00	160.00	0.00024	13.00	160.00	0.00024
15.00	160.00	0.00024	17.00	160.00	0.00023
20.00	160.00	0.00023	25.00	160.00	0.00023
30.00	160.00	0.00023	40.00	160.00	0.00022

50.00	160.00	0.00021	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	0.00017
-100.00	170.00	0.00014	-90.00	170.00	0.00015
-80.00	170.00	0.00017	-70.00	170.00	0.00018
-60.00	170.00	0.00019	-50.00	170.00	0.00020
-40.00	170.00	0.00021	-30.00	170.00	0.00021
-25.00	170.00	0.00022	-20.00	170.00	0.00022
-17.00	170.00	0.00022	-15.00	170.00	0.00022
-13.00	170.00	0.00022	-11.00	170.00	0.00022
-9.00	170.00	0.00022	9.00	170.00	0.00022
11.00	170.00	0.00022	13.00	170.00	0.00022
15.00	170.00	0.00022	17.00	170.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 119
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00022	25.00	170.00	0.00022
30.00	170.00	0.00022	40.00	170.00	0.00021
50.00	170.00	0.00020	60.00	170.00	0.00020
70.00	170.00	0.00019	80.00	170.00	0.00018
90.00	170.00	0.00017	100.00	170.00	0.00017
-100.00	180.00	0.00014	-90.00	180.00	0.00015
-80.00	180.00	0.00016	-70.00	180.00	0.00017
-60.00	180.00	0.00018	-50.00	180.00	0.00019
-40.00	180.00	0.00020	-30.00	180.00	0.00020
-25.00	180.00	0.00021	-20.00	180.00	0.00021
-17.00	180.00	0.00021	-15.00	180.00	0.00021
-13.00	180.00	0.00021	-11.00	180.00	0.00021
-9.00	180.00	0.00021	9.00	180.00	0.00021
11.00	180.00	0.00021	13.00	180.00	0.00021
15.00	180.00	0.00021	17.00	180.00	0.00021
20.00	180.00	0.00021	25.00	180.00	0.00021
30.00	180.00	0.00021	40.00	180.00	0.00020
50.00	180.00	0.00019	60.00	180.00	0.00019
70.00	180.00	0.00018	80.00	180.00	0.00017
90.00	180.00	0.00017	100.00	180.00	0.00016
-100.00	190.00	0.00013	-90.00	190.00	0.00014

-80.00	190.00	0.00015	-70.00	190.00	0.00016
-60.00	190.00	0.00017	-50.00	190.00	0.00018
-40.00	190.00	0.00019	-30.00	190.00	0.00019
-25.00	190.00	0.00020	-20.00	190.00	0.00020
-17.00	190.00	0.00020	-15.00	190.00	0.00020
-13.00	190.00	0.00020	-11.00	190.00	0.00020
-9.00	190.00	0.00020	9.00	190.00	0.00020
11.00	190.00	0.00020	13.00	190.00	0.00020
15.00	190.00	0.00020	17.00	190.00	0.00020
20.00	190.00	0.00020	25.00	190.00	0.00020
30.00	190.00	0.00020	40.00	190.00	0.00019
50.00	190.00	0.00019	60.00	190.00	0.00018
70.00	190.00	0.00017	80.00	190.00	0.00017
90.00	190.00	0.00016	100.00	190.00	0.00015
-100.00	200.00	0.00013	-90.00	200.00	0.00014
-80.00	200.00	0.00015	-70.00	200.00	0.00016
-60.00	200.00	0.00017	-50.00	200.00	0.00017
-40.00	200.00	0.00018	-30.00	200.00	0.00018
-25.00	200.00	0.00019	-20.00	200.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 120
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-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	0.00019	9.00	200.00	0.00019
11.00	200.00	0.00019	13.00	200.00	0.00019
15.00	200.00	0.00019	17.00	200.00	0.00019
20.00	200.00	0.00019	25.00	200.00	0.00019
30.00	200.00	0.00019	40.00	200.00	0.00018
50.00	200.00	0.00018	60.00	200.00	0.00017
70.00	200.00	0.00016	80.00	200.00	0.00016
90.00	200.00	0.00015	100.00	200.00	0.00015
-100.00	210.00	0.00013	-90.00	210.00	0.00013
-80.00	210.00	0.00014	-70.00	210.00	0.00015
-60.00	210.00	0.00016	-50.00	210.00	0.00017
-40.00	210.00	0.00017	-30.00	210.00	0.00018
-25.00	210.00	0.00018	-20.00	210.00	0.00018

-17.00	210.00	0.00018	-15.00	210.00	0.00018
-13.00	210.00	0.00018	-11.00	210.00	0.00018
-9.00	210.00	0.00018	9.00	210.00	0.00018
11.00	210.00	0.00018	13.00	210.00	0.00018
15.00	210.00	0.00018	17.00	210.00	0.00018
20.00	210.00	0.00018	25.00	210.00	0.00018
30.00	210.00	0.00018	40.00	210.00	0.00017
50.00	210.00	0.00017	60.00	210.00	0.00016
70.00	210.00	0.00016	80.00	210.00	0.00015
90.00	210.00	0.00015	100.00	210.00	0.00014
-100.00	220.00	0.00012	-90.00	220.00	0.00013
-80.00	220.00	0.00014	-70.00	220.00	0.00015
-60.00	220.00	0.00015	-50.00	220.00	0.00016
-40.00	220.00	0.00016	-30.00	220.00	0.00017
-25.00	220.00	0.00017	-20.00	220.00	0.00017
-17.00	220.00	0.00017	-15.00	220.00	0.00017
-13.00	220.00	0.00017	-11.00	220.00	0.00017
-9.00	220.00	0.00017	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	0.00017
20.00	220.00	0.00017	25.00	220.00	0.00017
30.00	220.00	0.00017	40.00	220.00	0.00017
50.00	220.00	0.00016	60.00	220.00	0.00016
70.00	220.00	0.00015	80.00	220.00	0.00015
90.00	220.00	0.00014	100.00	220.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 121
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00012	-90.00	230.00	0.00013
-80.00	230.00	0.00013	-70.00	230.00	0.00014
-60.00	230.00	0.00015	-50.00	230.00	0.00015
-40.00	230.00	0.00016	-30.00	230.00	0.00016
-25.00	230.00	0.00016	-20.00	230.00	0.00016
-17.00	230.00	0.00016	-15.00	230.00	0.00016
-13.00	230.00	0.00016	-11.00	230.00	0.00017
-9.00	230.00	0.00017	9.00	230.00	0.00017
11.00	230.00	0.00017	13.00	230.00	0.00017

15.00	230.00	0.00017	17.00	230.00	0.00017
20.00	230.00	0.00017	25.00	230.00	0.00016
30.00	230.00	0.00016	40.00	230.00	0.00016
50.00	230.00	0.00016	60.00	230.00	0.00015
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	0.00011	-90.00	240.00	0.00012
-80.00	240.00	0.00013	-70.00	240.00	0.00014
-60.00	240.00	0.00014	-50.00	240.00	0.00015
-40.00	240.00	0.00015	-30.00	240.00	0.00015
-25.00	240.00	0.00016	-20.00	240.00	0.00016
-17.00	240.00	0.00016	-15.00	240.00	0.00016
-13.00	240.00	0.00016	-11.00	240.00	0.00016
-9.00	240.00	0.00016	9.00	240.00	0.00016
11.00	240.00	0.00016	13.00	240.00	0.00016
15.00	240.00	0.00016	17.00	240.00	0.00016
20.00	240.00	0.00016	25.00	240.00	0.00016
30.00	240.00	0.00016	40.00	240.00	0.00015
50.00	240.00	0.00015	60.00	240.00	0.00014
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	0.00011	-90.00	250.00	0.00012
-80.00	250.00	0.00012	-70.00	250.00	0.00013
-60.00	250.00	0.00014	-50.00	250.00	0.00014
-40.00	250.00	0.00014	-30.00	250.00	0.00015
-25.00	250.00	0.00015	-20.00	250.00	0.00015
-17.00	250.00	0.00015	-15.00	250.00	0.00015
-13.00	250.00	0.00015	-11.00	250.00	0.00015
-9.00	250.00	0.00015	9.00	250.00	0.00015
11.00	250.00	0.00015	13.00	250.00	0.00015
15.00	250.00	0.00015	17.00	250.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 122
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00015	25.00	250.00	0.00015
30.00	250.00	0.00015	40.00	250.00	0.00015
50.00	250.00	0.00014	60.00	250.00	0.00014

70.00	250.00	0.00013	80.00	250.00	0.00013
90.00	250.00	0.00013	100.00	250.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00248	-90.00	-250.00	0.00270
-80.00	-250.00	0.00294	-70.00	-250.00	0.00321
-60.00	-250.00	0.00351	-50.00	-250.00	0.00383
-40.00	-250.00	0.00416	-30.00	-250.00	0.00445
-25.00	-250.00	0.00455	-20.00	-250.00	0.00459
-17.00	-250.00	0.00457	-15.00	-250.00	0.00453
-13.00	-250.00	0.00447	-11.00	-250.00	0.00438
-9.00	-250.00	0.00427	9.00	-250.00	0.00283
11.00	-250.00	0.00270	13.00	-250.00	0.00257
15.00	-250.00	0.00245	17.00	-250.00	0.00234
20.00	-250.00	0.00219	25.00	-250.00	0.00199
30.00	-250.00	0.00181	40.00	-250.00	0.00152
50.00	-250.00	0.00130	60.00	-250.00	0.00113
70.00	-250.00	0.00099	80.00	-250.00	0.00087
90.00	-250.00	0.00077	100.00	-250.00	0.00069
-100.00	-240.00	0.00258	-90.00	-240.00	0.00282
-80.00	-240.00	0.00309	-70.00	-240.00	0.00340
-60.00	-240.00	0.00375	-50.00	-240.00	0.00414
-40.00	-240.00	0.00457	-30.00	-240.00	0.00499
-25.00	-240.00	0.00519	-20.00	-240.00	0.00533
-17.00	-240.00	0.00539	-15.00	-240.00	0.00541
-13.00	-240.00	0.00540	-11.00	-240.00	0.00535
-9.00	-240.00	0.00525	9.00	-240.00	0.00319
11.00	-240.00	0.00300	13.00	-240.00	0.00284
15.00	-240.00	0.00269	17.00	-240.00	0.00256
20.00	-240.00	0.00239	25.00	-240.00	0.00214
30.00	-240.00	0.00194	40.00	-240.00	0.00162
50.00	-240.00	0.00137	60.00	-240.00	0.00118
70.00	-240.00	0.00103	80.00	-240.00	0.00090
90.00	-240.00	0.00080	100.00	-240.00	0.00071
-100.00	-230.00	0.00267	-90.00	-230.00	0.00293
-80.00	-230.00	0.00322	-70.00	-230.00	0.00356

-60.00	-230.00	0.00396	-50.00	-230.00	0.00441
-40.00	-230.00	0.00491	-30.00	-230.00	0.00545
-25.00	-230.00	0.00574	-20.00	-230.00	0.00601
-17.00	-230.00	0.00617	-15.00	-230.00	0.00627
-13.00	-230.00	0.00636	-11.00	-230.00	0.00646
-9.00	-230.00	0.00654	9.00	-230.00	0.00355
11.00	-230.00	0.00331	13.00	-230.00	0.00310
15.00	-230.00	0.00293	17.00	-230.00	0.00278

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00258	25.00	-230.00	0.00230
30.00	-230.00	0.00207	40.00	-230.00	0.00171
50.00	-230.00	0.00145	60.00	-230.00	0.00124
70.00	-230.00	0.00108	80.00	-230.00	0.00094
90.00	-230.00	0.00083	100.00	-230.00	0.00074
-100.00	-220.00	0.00275	-90.00	-220.00	0.00302
-80.00	-220.00	0.00333	-70.00	-220.00	0.00370
-60.00	-220.00	0.00413	-50.00	-220.00	0.00462
-40.00	-220.00	0.00517	-30.00	-220.00	0.00578
-25.00	-220.00	0.00610	-20.00	-220.00	0.00644
-17.00	-220.00	0.00665	-15.00	-220.00	0.00679
-13.00	-220.00	0.00694	-11.00	-220.00	0.00713
-9.00	-220.00	0.00737	9.00	-220.00	0.00409
11.00	-220.00	0.00375	13.00	-220.00	0.00349
15.00	-220.00	0.00327	17.00	-220.00	0.00308
20.00	-220.00	0.00284	25.00	-220.00	0.00251
30.00	-220.00	0.00225	40.00	-220.00	0.00184
50.00	-220.00	0.00154	60.00	-220.00	0.00131
70.00	-220.00	0.00113	80.00	-220.00	0.00099
90.00	-220.00	0.00087	100.00	-220.00	0.00077
-100.00	-210.00	0.00281	-90.00	-210.00	0.00309
-80.00	-210.00	0.00342	-70.00	-210.00	0.00381
-60.00	-210.00	0.00425	-50.00	-210.00	0.00476
-40.00	-210.00	0.00534	-30.00	-210.00	0.00598
-25.00	-210.00	0.00632	-20.00	-210.00	0.00669
-17.00	-210.00	0.00692	-15.00	-210.00	0.00710

-13.00	-210.00	0.00729	-11.00	-210.00	0.00754
-9.00	-210.00	0.00790	9.00	-210.00	0.00524
11.00	-210.00	0.00469	13.00	-210.00	0.00426
15.00	-210.00	0.00392	17.00	-210.00	0.00364
20.00	-210.00	0.00330	25.00	-210.00	0.00285
30.00	-210.00	0.00251	40.00	-210.00	0.00201
50.00	-210.00	0.00166	60.00	-210.00	0.00140
70.00	-210.00	0.00120	80.00	-210.00	0.00104
90.00	-210.00	0.00091	100.00	-210.00	0.00080
-100.00	-200.00	0.00286	-90.00	-200.00	0.00315
-80.00	-200.00	0.00349	-70.00	-200.00	0.00388
-60.00	-200.00	0.00434	-50.00	-200.00	0.00487
-40.00	-200.00	0.00548	-30.00	-200.00	0.00617
-25.00	-200.00	0.00654	-20.00	-200.00	0.00695

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 125
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00724	-15.00	-200.00	0.00747
-13.00	-200.00	0.00775	-11.00	-200.00	0.00812
-9.00	-200.00	0.00866	9.00	-200.00	0.00636
11.00	-200.00	0.00568	13.00	-200.00	0.00514
15.00	-200.00	0.00470	17.00	-200.00	0.00432
20.00	-200.00	0.00386	25.00	-200.00	0.00328
30.00	-200.00	0.00284	40.00	-200.00	0.00222
50.00	-200.00	0.00181	60.00	-200.00	0.00151
70.00	-200.00	0.00128	80.00	-200.00	0.00110
90.00	-200.00	0.00096	100.00	-200.00	0.00084
-100.00	-190.00	0.00289	-90.00	-190.00	0.00319
-80.00	-190.00	0.00354	-70.00	-190.00	0.00395
-60.00	-190.00	0.00442	-50.00	-190.00	0.00498
-40.00	-190.00	0.00562	-30.00	-190.00	0.00635
-25.00	-190.00	0.00676	-20.00	-190.00	0.00725
-17.00	-190.00	0.00762	-15.00	-190.00	0.00792
-13.00	-190.00	0.00829	-11.00	-190.00	0.00878
-9.00	-190.00	0.00944	9.00	-190.00	0.00728
11.00	-190.00	0.00652	13.00	-190.00	0.00590
15.00	-190.00	0.00540	17.00	-190.00	0.00497

20.00	-190.00	0.00442	25.00	-190.00	0.00372
30.00	-190.00	0.00319	40.00	-190.00	0.00245
50.00	-190.00	0.00196	60.00	-190.00	0.00162
70.00	-190.00	0.00136	80.00	-190.00	0.00116
90.00	-190.00	0.00101	100.00	-190.00	0.00088
-100.00	-180.00	0.00293	-90.00	-180.00	0.00323
-80.00	-180.00	0.00359	-70.00	-180.00	0.00401
-60.00	-180.00	0.00450	-50.00	-180.00	0.00508
-40.00	-180.00	0.00575	-30.00	-180.00	0.00654
-25.00	-180.00	0.00701	-20.00	-180.00	0.00758
-17.00	-180.00	0.00802	-15.00	-180.00	0.00838
-13.00	-180.00	0.00883	-11.00	-180.00	0.00939
-9.00	-180.00	0.01012	9.00	-180.00	0.00801
11.00	-180.00	0.00720	13.00	-180.00	0.00654
15.00	-180.00	0.00599	17.00	-180.00	0.00552
20.00	-180.00	0.00492	25.00	-180.00	0.00414
30.00	-180.00	0.00354	40.00	-180.00	0.00270
50.00	-180.00	0.00214	60.00	-180.00	0.00174
70.00	-180.00	0.00145	80.00	-180.00	0.00123
90.00	-180.00	0.00106	100.00	-180.00	0.00093

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 126
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00295	-90.00	-170.00	0.00327
-80.00	-170.00	0.00364	-70.00	-170.00	0.00407
-60.00	-170.00	0.00458	-50.00	-170.00	0.00517
-40.00	-170.00	0.00587	-30.00	-170.00	0.00673
-25.00	-170.00	0.00725	-20.00	-170.00	0.00790
-17.00	-170.00	0.00840	-15.00	-170.00	0.00881
-13.00	-170.00	0.00930	-11.00	-170.00	0.00991
-9.00	-170.00	0.01068	9.00	-170.00	0.00860
11.00	-170.00	0.00775	13.00	-170.00	0.00706
15.00	-170.00	0.00648	17.00	-170.00	0.00599
20.00	-170.00	0.00535	25.00	-170.00	0.00451
30.00	-170.00	0.00386	40.00	-170.00	0.00293
50.00	-170.00	0.00231	60.00	-170.00	0.00187
70.00	-170.00	0.00155	80.00	-170.00	0.00131

90.00	-170.00	0.00112	100.00	-170.00	0.00097
-100.00	-160.00	0.00298	-90.00	-160.00	0.00330
-80.00	-160.00	0.00368	-70.00	-160.00	0.00412
-60.00	-160.00	0.00464	-50.00	-160.00	0.00526
-40.00	-160.00	0.00600	-30.00	-160.00	0.00691
-25.00	-160.00	0.00748	-20.00	-160.00	0.00819
-17.00	-160.00	0.00874	-15.00	-160.00	0.00918
-13.00	-160.00	0.00970	-11.00	-160.00	0.01034
-9.00	-160.00	0.01114	9.00	-160.00	0.00908
11.00	-160.00	0.00819	13.00	-160.00	0.00749
15.00	-160.00	0.00689	17.00	-160.00	0.00638
20.00	-160.00	0.00571	25.00	-160.00	0.00483
30.00	-160.00	0.00415	40.00	-160.00	0.00315
50.00	-160.00	0.00247	60.00	-160.00	0.00200
70.00	-160.00	0.00165	80.00	-160.00	0.00138
90.00	-160.00	0.00118	100.00	-160.00	0.00102
-100.00	-150.00	0.00301	-90.00	-150.00	0.00334
-80.00	-150.00	0.00372	-70.00	-150.00	0.00417
-60.00	-150.00	0.00471	-50.00	-150.00	0.00535
-40.00	-150.00	0.00612	-30.00	-150.00	0.00708
-25.00	-150.00	0.00769	-20.00	-150.00	0.00846
-17.00	-150.00	0.00904	-15.00	-150.00	0.00951
-13.00	-150.00	0.01005	-11.00	-150.00	0.01070
-9.00	-150.00	0.01151	9.00	-150.00	0.00947
11.00	-150.00	0.00857	13.00	-150.00	0.00784
15.00	-150.00	0.00723	17.00	-150.00	0.00670

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 127
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00602	25.00	-150.00	0.00511
30.00	-150.00	0.00439	40.00	-150.00	0.00335
50.00	-150.00	0.00263	60.00	-150.00	0.00212
70.00	-150.00	0.00174	80.00	-150.00	0.00146
90.00	-150.00	0.00124	100.00	-150.00	0.00107
-100.00	-140.00	0.00303	-90.00	-140.00	0.00336
-80.00	-140.00	0.00376	-70.00	-140.00	0.00422
-60.00	-140.00	0.00477	-50.00	-140.00	0.00543

-40.00	-140.00	0.00623	-30.00	-140.00	0.00723
-25.00	-140.00	0.00788	-20.00	-140.00	0.00869
-17.00	-140.00	0.00929	-15.00	-140.00	0.00977
-13.00	-140.00	0.01033	-11.00	-140.00	0.01102
-9.00	-140.00	0.01186	9.00	-140.00	0.00980
11.00	-140.00	0.00888	13.00	-140.00	0.00813
15.00	-140.00	0.00751	17.00	-140.00	0.00697
20.00	-140.00	0.00628	25.00	-140.00	0.00535
30.00	-140.00	0.00461	40.00	-140.00	0.00352
50.00	-140.00	0.00277	60.00	-140.00	0.00223
70.00	-140.00	0.00183	80.00	-140.00	0.00153
90.00	-140.00	0.00130	100.00	-140.00	0.00112
-100.00	-130.00	0.00305	-90.00	-130.00	0.00339
-80.00	-130.00	0.00379	-70.00	-130.00	0.00426
-60.00	-130.00	0.00483	-50.00	-130.00	0.00551
-40.00	-130.00	0.00633	-30.00	-130.00	0.00738
-25.00	-130.00	0.00805	-20.00	-130.00	0.00889
-17.00	-130.00	0.00951	-15.00	-130.00	0.01000
-13.00	-130.00	0.01056	-11.00	-130.00	0.01126
-9.00	-130.00	0.01212	9.00	-130.00	0.01004
11.00	-130.00	0.00914	13.00	-130.00	0.00839
15.00	-130.00	0.00776	17.00	-130.00	0.00721
20.00	-130.00	0.00650	25.00	-130.00	0.00555
30.00	-130.00	0.00479	40.00	-130.00	0.00368
50.00	-130.00	0.00290	60.00	-130.00	0.00234
70.00	-130.00	0.00192	80.00	-130.00	0.00160
90.00	-130.00	0.00136	100.00	-130.00	0.00116
-100.00	-120.00	0.00306	-90.00	-120.00	0.00341
-80.00	-120.00	0.00382	-70.00	-120.00	0.00430
-60.00	-120.00	0.00488	-50.00	-120.00	0.00557
-40.00	-120.00	0.00643	-30.00	-120.00	0.00752
-25.00	-120.00	0.00821	-20.00	-120.00	0.00906

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 128
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00970	-15.00	-120.00	0.01020
-13.00	-120.00	0.01078	-11.00	-120.00	0.01147

-9.00	-120.00	0.01234	9.00	-120.00	0.01022
11.00	-120.00	0.00933	13.00	-120.00	0.00859
15.00	-120.00	0.00796	17.00	-120.00	0.00740
20.00	-120.00	0.00669	25.00	-120.00	0.00573
30.00	-120.00	0.00496	40.00	-120.00	0.00382
50.00	-120.00	0.00302	60.00	-120.00	0.00244
70.00	-120.00	0.00201	80.00	-120.00	0.00167
90.00	-120.00	0.00142	100.00	-120.00	0.00121
-100.00	-110.00	0.00308	-90.00	-110.00	0.00343
-80.00	-110.00	0.00384	-70.00	-110.00	0.00434
-60.00	-110.00	0.00493	-50.00	-110.00	0.00564
-40.00	-110.00	0.00651	-30.00	-110.00	0.00764
-25.00	-110.00	0.00835	-20.00	-110.00	0.00922
-17.00	-110.00	0.00986	-15.00	-110.00	0.01037
-13.00	-110.00	0.01095	-11.00	-110.00	0.01163
-9.00	-110.00	0.01250	9.00	-110.00	0.01040
11.00	-110.00	0.00950	13.00	-110.00	0.00876
15.00	-110.00	0.00812	17.00	-110.00	0.00757
20.00	-110.00	0.00685	25.00	-110.00	0.00587
30.00	-110.00	0.00510	40.00	-110.00	0.00395
50.00	-110.00	0.00313	60.00	-110.00	0.00253
70.00	-110.00	0.00208	80.00	-110.00	0.00174
90.00	-110.00	0.00147	100.00	-110.00	0.00126
-100.00	-100.00	0.00309	-90.00	-100.00	0.00344
-80.00	-100.00	0.00387	-70.00	-100.00	0.00437
-60.00	-100.00	0.00497	-50.00	-100.00	0.00569
-40.00	-100.00	0.00659	-30.00	-100.00	0.00774
-25.00	-100.00	0.00847	-20.00	-100.00	0.00935
-17.00	-100.00	0.01000	-15.00	-100.00	0.01050
-13.00	-100.00	0.01109	-11.00	-100.00	0.01178
-9.00	-100.00	0.01264	9.00	-100.00	0.01055
11.00	-100.00	0.00965	13.00	-100.00	0.00891
15.00	-100.00	0.00827	17.00	-100.00	0.00771
20.00	-100.00	0.00699	25.00	-100.00	0.00600
30.00	-100.00	0.00522	40.00	-100.00	0.00405
50.00	-100.00	0.00323	60.00	-100.00	0.00262
70.00	-100.00	0.00215	80.00	-100.00	0.00180
90.00	-100.00	0.00152	100.00	-100.00	0.00130

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 129
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00309	-90.00	-90.00	0.00346
-80.00	-90.00	0.00389	-70.00	-90.00	0.00440
-60.00	-90.00	0.00501	-50.00	-90.00	0.00575
-40.00	-90.00	0.00666	-30.00	-90.00	0.00784
-25.00	-90.00	0.00857	-20.00	-90.00	0.00947
-17.00	-90.00	0.01012	-15.00	-90.00	0.01062
-13.00	-90.00	0.01121	-11.00	-90.00	0.01191
-9.00	-90.00	0.01275	9.00	-90.00	0.01069
11.00	-90.00	0.00978	13.00	-90.00	0.00903
15.00	-90.00	0.00839	17.00	-90.00	0.00783
20.00	-90.00	0.00710	25.00	-90.00	0.00612
30.00	-90.00	0.00533	40.00	-90.00	0.00415
50.00	-90.00	0.00331	60.00	-90.00	0.00269
70.00	-90.00	0.00222	80.00	-90.00	0.00186
90.00	-90.00	0.00157	100.00	-90.00	0.00134
-100.00	-80.00	0.00310	-90.00	-80.00	0.00347
-80.00	-80.00	0.00390	-70.00	-80.00	0.00442
-60.00	-80.00	0.00504	-50.00	-80.00	0.00579
-40.00	-80.00	0.00673	-30.00	-80.00	0.00792
-25.00	-80.00	0.00866	-20.00	-80.00	0.00956
-17.00	-80.00	0.01022	-15.00	-80.00	0.01073
-13.00	-80.00	0.01132	-11.00	-80.00	0.01201
-9.00	-80.00	0.01286	9.00	-80.00	0.01081
11.00	-80.00	0.00989	13.00	-80.00	0.00915
15.00	-80.00	0.00850	17.00	-80.00	0.00794
20.00	-80.00	0.00720	25.00	-80.00	0.00622
30.00	-80.00	0.00542	40.00	-80.00	0.00423
50.00	-80.00	0.00339	60.00	-80.00	0.00276
70.00	-80.00	0.00228	80.00	-80.00	0.00191
90.00	-80.00	0.00162	100.00	-80.00	0.00138
-100.00	-70.00	0.00310	-90.00	-70.00	0.00347
-80.00	-70.00	0.00391	-70.00	-70.00	0.00444
-60.00	-70.00	0.00507	-50.00	-70.00	0.00583
-40.00	-70.00	0.00678	-30.00	-70.00	0.00799
-25.00	-70.00	0.00874	-20.00	-70.00	0.00965
-17.00	-70.00	0.01031	-15.00	-70.00	0.01082
-13.00	-70.00	0.01140	-11.00	-70.00	0.01210
-9.00	-70.00	0.01295	9.00	-70.00	0.01091
11.00	-70.00	0.00999	13.00	-70.00	0.00924
15.00	-70.00	0.00860	17.00	-70.00	0.00803

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**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	0.00730	25.00	-70.00	0.00630
30.00	-70.00	0.00550	40.00	-70.00	0.00431
50.00	-70.00	0.00345	60.00	-70.00	0.00282
70.00	-70.00	0.00233	80.00	-70.00	0.00196
90.00	-70.00	0.00166	100.00	-70.00	0.00142
-100.00	-60.00	0.00310	-90.00	-60.00	0.00348
-80.00	-60.00	0.00392	-70.00	-60.00	0.00445
-60.00	-60.00	0.00509	-50.00	-60.00	0.00587
-40.00	-60.00	0.00683	-30.00	-60.00	0.00804
-25.00	-60.00	0.00881	-20.00	-60.00	0.00972
-17.00	-60.00	0.01039	-15.00	-60.00	0.01090
-13.00	-60.00	0.01149	-11.00	-60.00	0.01218
-9.00	-60.00	0.01303	9.00	-60.00	0.01101
11.00	-60.00	0.01008	13.00	-60.00	0.00932
15.00	-60.00	0.00868	17.00	-60.00	0.00811
20.00	-60.00	0.00738	25.00	-60.00	0.00637
30.00	-60.00	0.00557	40.00	-60.00	0.00437
50.00	-60.00	0.00351	60.00	-60.00	0.00287
70.00	-60.00	0.00238	80.00	-60.00	0.00200
90.00	-60.00	0.00170	100.00	-60.00	0.00146
-100.00	-50.00	0.00310	-90.00	-50.00	0.00348
-80.00	-50.00	0.00393	-70.00	-50.00	0.00446
-60.00	-50.00	0.00511	-50.00	-50.00	0.00590
-40.00	-50.00	0.00687	-30.00	-50.00	0.00809
-25.00	-50.00	0.00886	-20.00	-50.00	0.00978
-17.00	-50.00	0.01044	-15.00	-50.00	0.01095
-13.00	-50.00	0.01155	-11.00	-50.00	0.01227
-9.00	-50.00	0.01314	9.00	-50.00	0.01110
11.00	-50.00	0.01016	13.00	-50.00	0.00939
15.00	-50.00	0.00874	17.00	-50.00	0.00818
20.00	-50.00	0.00745	25.00	-50.00	0.00644
30.00	-50.00	0.00563	40.00	-50.00	0.00443
50.00	-50.00	0.00356	60.00	-50.00	0.00292
70.00	-50.00	0.00243	80.00	-50.00	0.00204

90.00	-50.00	0.00173	100.00	-50.00	0.00149
-100.00	-40.00	0.00309	-90.00	-40.00	0.00347
-80.00	-40.00	0.00393	-70.00	-40.00	0.00447
-60.00	-40.00	0.00512	-50.00	-40.00	0.00592
-40.00	-40.00	0.00690	-30.00	-40.00	0.00814
-25.00	-40.00	0.00890	-20.00	-40.00	0.00983

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 131
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.01050	-15.00	-40.00	0.01101
-13.00	-40.00	0.01160	-11.00	-40.00	0.01232
-9.00	-40.00	0.01320	9.00	-40.00	0.01114
11.00	-40.00	0.01023	13.00	-40.00	0.00946
15.00	-40.00	0.00881	17.00	-40.00	0.00825
20.00	-40.00	0.00751	25.00	-40.00	0.00650
30.00	-40.00	0.00569	40.00	-40.00	0.00448
50.00	-40.00	0.00361	60.00	-40.00	0.00296
70.00	-40.00	0.00246	80.00	-40.00	0.00208
90.00	-40.00	0.00177	100.00	-40.00	0.00152
-100.00	-30.00	0.00308	-90.00	-30.00	0.00347
-80.00	-30.00	0.00392	-70.00	-30.00	0.00447
-60.00	-30.00	0.00513	-50.00	-30.00	0.00594
-40.00	-30.00	0.00693	-30.00	-30.00	0.00818
-25.00	-30.00	0.00894	-20.00	-30.00	0.00987
-17.00	-30.00	0.01054	-15.00	-30.00	0.01106
-13.00	-30.00	0.01166	-11.00	-30.00	0.01237
-9.00	-30.00	0.01325	9.00	-30.00	0.01116
11.00	-30.00	0.01026	13.00	-30.00	0.00951
15.00	-30.00	0.00886	17.00	-30.00	0.00829
20.00	-30.00	0.00755	25.00	-30.00	0.00655
30.00	-30.00	0.00574	40.00	-30.00	0.00452
50.00	-30.00	0.00365	60.00	-30.00	0.00300
70.00	-30.00	0.00250	80.00	-30.00	0.00211
90.00	-30.00	0.00180	100.00	-30.00	0.00154
-100.00	-20.00	0.00307	-90.00	-20.00	0.00345
-80.00	-20.00	0.00392	-70.00	-20.00	0.00447
-60.00	-20.00	0.00514	-50.00	-20.00	0.00595

-40.00	-20.00	0.00695	-30.00	-20.00	0.00821
-25.00	-20.00	0.00898	-20.00	-20.00	0.00990
-17.00	-20.00	0.01058	-15.00	-20.00	0.01110
-13.00	-20.00	0.01169	-11.00	-20.00	0.01240
-9.00	-20.00	0.01327	9.00	-20.00	0.01120
11.00	-20.00	0.01029	13.00	-20.00	0.00954
15.00	-20.00	0.00890	17.00	-20.00	0.00833
20.00	-20.00	0.00760	25.00	-20.00	0.00659
30.00	-20.00	0.00578	40.00	-20.00	0.00456
50.00	-20.00	0.00368	60.00	-20.00	0.00303
70.00	-20.00	0.00253	80.00	-20.00	0.00214
90.00	-20.00	0.00182	100.00	-20.00	0.00157

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 132
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00305	-90.00	-10.00	0.00344
-80.00	-10.00	0.00390	-70.00	-10.00	0.00446
-60.00	-10.00	0.00514	-50.00	-10.00	0.00596
-40.00	-10.00	0.00696	-30.00	-10.00	0.00823
-25.00	-10.00	0.00900	-20.00	-10.00	0.00993
-17.00	-10.00	0.01060	-15.00	-10.00	0.01112
-13.00	-10.00	0.01172	-11.00	-10.00	0.01242
-9.00	-10.00	0.01329	9.00	-10.00	0.01123
11.00	-10.00	0.01033	13.00	-10.00	0.00958
15.00	-10.00	0.00893	17.00	-10.00	0.00837
20.00	-10.00	0.00763	25.00	-10.00	0.00662
30.00	-10.00	0.00581	40.00	-10.00	0.00459
50.00	-10.00	0.00371	60.00	-10.00	0.00306
70.00	-10.00	0.00255	80.00	-10.00	0.00216
90.00	-10.00	0.00185	100.00	-10.00	0.00159
-100.00	0.00	0.00303	-90.00	0.00	0.00342
-80.00	0.00	0.00389	-70.00	0.00	0.00445
-60.00	0.00	0.00513	-50.00	0.00	0.00596
-40.00	0.00	0.00697	-30.00	0.00	0.00824
-25.00	0.00	0.00902	-20.00	0.00	0.00995
-17.00	0.00	0.01062	-15.00	0.00	0.01114
-13.00	0.00	0.01174	-11.00	0.00	0.01244

-9.00	0.00	0.01330	9.00	0.00	0.01127
11.00	0.00	0.01036	13.00	0.00	0.00960
15.00	0.00	0.00896	17.00	0.00	0.00839
20.00	0.00	0.00766	25.00	0.00	0.00665
30.00	0.00	0.00584	40.00	0.00	0.00462
50.00	0.00	0.00374	60.00	0.00	0.00308
70.00	0.00	0.00258	80.00	0.00	0.00218
90.00	0.00	0.00187	100.00	0.00	0.00161
-100.00	10.00	0.00300	-90.00	10.00	0.00340
-80.00	10.00	0.00387	-70.00	10.00	0.00443
-60.00	10.00	0.00512	-50.00	10.00	0.00595
-40.00	10.00	0.00697	-30.00	10.00	0.00825
-25.00	10.00	0.00903	-20.00	10.00	0.00996
-17.00	10.00	0.01064	-15.00	10.00	0.01116
-13.00	10.00	0.01175	-11.00	10.00	0.01246
-9.00	10.00	0.01331	9.00	10.00	0.01130
11.00	10.00	0.01038	13.00	10.00	0.00963
15.00	10.00	0.00898	17.00	10.00	0.00841

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 133
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00767	25.00	10.00	0.00667
30.00	10.00	0.00586	40.00	10.00	0.00464
50.00	10.00	0.00376	60.00	10.00	0.00310
70.00	10.00	0.00260	80.00	10.00	0.00220
90.00	10.00	0.00189	100.00	10.00	0.00163
-100.00	20.00	0.00297	-90.00	20.00	0.00337
-80.00	20.00	0.00384	-70.00	20.00	0.00441
-60.00	20.00	0.00510	-50.00	20.00	0.00594
-40.00	20.00	0.00697	-30.00	20.00	0.00824
-25.00	20.00	0.00903	-20.00	20.00	0.00997
-17.00	20.00	0.01064	-15.00	20.00	0.01116
-13.00	20.00	0.01176	-11.00	20.00	0.01246
-9.00	20.00	0.01332	9.00	20.00	0.01132
11.00	20.00	0.01039	13.00	20.00	0.00964
15.00	20.00	0.00900	17.00	20.00	0.00843
20.00	20.00	0.00769	25.00	20.00	0.00668

30.00	20.00	0.00588	40.00	20.00	0.00465
50.00	20.00	0.00377	60.00	20.00	0.00312
70.00	20.00	0.00261	80.00	20.00	0.00222
90.00	20.00	0.00190	100.00	20.00	0.00164
-100.00	30.00	0.00294	-90.00	30.00	0.00333
-80.00	30.00	0.00381	-70.00	30.00	0.00438
-60.00	30.00	0.00508	-50.00	30.00	0.00592
-40.00	30.00	0.00695	-30.00	30.00	0.00823
-25.00	30.00	0.00902	-20.00	30.00	0.00996
-17.00	30.00	0.01064	-15.00	30.00	0.01117
-13.00	30.00	0.01176	-11.00	30.00	0.01247
-9.00	30.00	0.01332	9.00	30.00	0.01134
11.00	30.00	0.01041	13.00	30.00	0.00965
15.00	30.00	0.00901	17.00	30.00	0.00844
20.00	30.00	0.00770	25.00	30.00	0.00669
30.00	30.00	0.00588	40.00	30.00	0.00466
50.00	30.00	0.00378	60.00	30.00	0.00313
70.00	30.00	0.00262	80.00	30.00	0.00223
90.00	30.00	0.00191	100.00	30.00	0.00166
-100.00	40.00	0.00290	-90.00	40.00	0.00329
-80.00	40.00	0.00377	-70.00	40.00	0.00435
-60.00	40.00	0.00504	-50.00	40.00	0.00589
-40.00	40.00	0.00693	-30.00	40.00	0.00821
-25.00	40.00	0.00900	-20.00	40.00	0.00995

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 134
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.01063	-15.00	40.00	0.01115
-13.00	40.00	0.01175	-11.00	40.00	0.01247
-9.00	40.00	0.01335	9.00	40.00	0.01136
11.00	40.00	0.01042	13.00	40.00	0.00965
15.00	40.00	0.00900	17.00	40.00	0.00844
20.00	40.00	0.00771	25.00	40.00	0.00670
30.00	40.00	0.00589	40.00	40.00	0.00467
50.00	40.00	0.00379	60.00	40.00	0.00314
70.00	40.00	0.00263	80.00	40.00	0.00224
90.00	40.00	0.00193	100.00	40.00	0.00167

-100.00	50.00	0.00285	-90.00	50.00	0.00325
-80.00	50.00	0.00373	-70.00	50.00	0.00430
-60.00	50.00	0.00500	-50.00	50.00	0.00585
-40.00	50.00	0.00689	-30.00	50.00	0.00819
-25.00	50.00	0.00897	-20.00	50.00	0.00992
-17.00	50.00	0.01061	-15.00	50.00	0.01113
-13.00	50.00	0.01173	-11.00	50.00	0.01245
-9.00	50.00	0.01334	9.00	50.00	0.01133
11.00	50.00	0.01042	13.00	50.00	0.00966
15.00	50.00	0.00901	17.00	50.00	0.00844
20.00	50.00	0.00771	25.00	50.00	0.00670
30.00	50.00	0.00589	40.00	50.00	0.00467
50.00	50.00	0.00379	60.00	50.00	0.00314
70.00	50.00	0.00264	80.00	50.00	0.00225
90.00	50.00	0.00193	100.00	50.00	0.00168
-100.00	60.00	0.00280	-90.00	60.00	0.00320
-80.00	60.00	0.00367	-70.00	60.00	0.00425
-60.00	60.00	0.00495	-50.00	60.00	0.00581
-40.00	60.00	0.00685	-30.00	60.00	0.00815
-25.00	60.00	0.00894	-20.00	60.00	0.00989
-17.00	60.00	0.01058	-15.00	60.00	0.01110
-13.00	60.00	0.01171	-11.00	60.00	0.01243
-9.00	60.00	0.01332	9.00	60.00	0.01128
11.00	60.00	0.01039	13.00	60.00	0.00964
15.00	60.00	0.00900	17.00	60.00	0.00843
20.00	60.00	0.00770	25.00	60.00	0.00669
30.00	60.00	0.00588	40.00	60.00	0.00467
50.00	60.00	0.00379	60.00	60.00	0.00314
70.00	60.00	0.00264	80.00	60.00	0.00225
90.00	60.00	0.00194	100.00	60.00	0.00168

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 135
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00275	-90.00	70.00	0.00314
-80.00	70.00	0.00361	-70.00	70.00	0.00419
-60.00	70.00	0.00489	-50.00	70.00	0.00575
-40.00	70.00	0.00680	-30.00	70.00	0.00811

-25.00	70.00	0.00890	-20.00	70.00	0.00985
-17.00	70.00	0.01054	-15.00	70.00	0.01107
-13.00	70.00	0.01168	-11.00	70.00	0.01239
-9.00	70.00	0.01327	9.00	70.00	0.01126
11.00	70.00	0.01036	13.00	70.00	0.00961
15.00	70.00	0.00897	17.00	70.00	0.00841
20.00	70.00	0.00768	25.00	70.00	0.00668
30.00	70.00	0.00587	40.00	70.00	0.00466
50.00	70.00	0.00379	60.00	70.00	0.00314
70.00	70.00	0.00264	80.00	70.00	0.00226
90.00	70.00	0.00194	100.00	70.00	0.00169
-100.00	80.00	0.00268	-90.00	80.00	0.00307
-80.00	80.00	0.00355	-70.00	80.00	0.00412
-60.00	80.00	0.00482	-50.00	80.00	0.00568
-40.00	80.00	0.00673	-30.00	80.00	0.00805
-25.00	80.00	0.00885	-20.00	80.00	0.00980
-17.00	80.00	0.01049	-15.00	80.00	0.01102
-13.00	80.00	0.01163	-11.00	80.00	0.01234
-9.00	80.00	0.01322	9.00	80.00	0.01123
11.00	80.00	0.01033	13.00	80.00	0.00959
15.00	80.00	0.00895	17.00	80.00	0.00838
20.00	80.00	0.00765	25.00	80.00	0.00666
30.00	80.00	0.00585	40.00	80.00	0.00464
50.00	80.00	0.00378	60.00	80.00	0.00314
70.00	80.00	0.00264	80.00	80.00	0.00225
90.00	80.00	0.00194	100.00	80.00	0.00169
-100.00	90.00	0.00262	-90.00	90.00	0.00300
-80.00	90.00	0.00347	-70.00	90.00	0.00404
-60.00	90.00	0.00474	-50.00	90.00	0.00559
-40.00	90.00	0.00665	-30.00	90.00	0.00797
-25.00	90.00	0.00878	-20.00	90.00	0.00974
-17.00	90.00	0.01043	-15.00	90.00	0.01096
-13.00	90.00	0.01157	-11.00	90.00	0.01228
-9.00	90.00	0.01315	9.00	90.00	0.01120
11.00	90.00	0.01029	13.00	90.00	0.00955
15.00	90.00	0.00891	17.00	90.00	0.00835

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 136
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00762	25.00	90.00	0.00663
30.00	90.00	0.00583	40.00	90.00	0.00463
50.00	90.00	0.00377	60.00	90.00	0.00313
70.00	90.00	0.00264	80.00	90.00	0.00225
90.00	90.00	0.00194	100.00	90.00	0.00169
-100.00	100.00	0.00254	-90.00	100.00	0.00292
-80.00	100.00	0.00338	-70.00	100.00	0.00394
-60.00	100.00	0.00464	-50.00	100.00	0.00549
-40.00	100.00	0.00655	-30.00	100.00	0.00788
-25.00	100.00	0.00869	-20.00	100.00	0.00966
-17.00	100.00	0.01035	-15.00	100.00	0.01088
-13.00	100.00	0.01149	-11.00	100.00	0.01221
-9.00	100.00	0.01308	9.00	100.00	0.01116
11.00	100.00	0.01025	13.00	100.00	0.00951
15.00	100.00	0.00887	17.00	100.00	0.00830
20.00	100.00	0.00758	25.00	100.00	0.00659
30.00	100.00	0.00580	40.00	100.00	0.00460
50.00	100.00	0.00375	60.00	100.00	0.00312
70.00	100.00	0.00263	80.00	100.00	0.00225
90.00	100.00	0.00194	100.00	100.00	0.00169
-100.00	110.00	0.00246	-90.00	110.00	0.00283
-80.00	110.00	0.00328	-70.00	110.00	0.00384
-60.00	110.00	0.00452	-50.00	110.00	0.00537
-40.00	110.00	0.00643	-30.00	110.00	0.00777
-25.00	110.00	0.00858	-20.00	110.00	0.00956
-17.00	110.00	0.01025	-15.00	110.00	0.01079
-13.00	110.00	0.01140	-11.00	110.00	0.01211
-9.00	110.00	0.01299	9.00	110.00	0.01110
11.00	110.00	0.01019	13.00	110.00	0.00945
15.00	110.00	0.00881	17.00	110.00	0.00825
20.00	110.00	0.00753	25.00	110.00	0.00654
30.00	110.00	0.00576	40.00	110.00	0.00457
50.00	110.00	0.00373	60.00	110.00	0.00310
70.00	110.00	0.00262	80.00	110.00	0.00224
90.00	110.00	0.00193	100.00	110.00	0.00168
-100.00	120.00	0.00237	-90.00	120.00	0.00273
-80.00	120.00	0.00317	-70.00	120.00	0.00372
-60.00	120.00	0.00439	-50.00	120.00	0.00524
-40.00	120.00	0.00629	-30.00	120.00	0.00762
-25.00	120.00	0.00845	-20.00	120.00	0.00943

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	0.01014	-15.00	120.00	0.01068
-13.00	120.00	0.01129	-11.00	120.00	0.01201
-9.00	120.00	0.01288	9.00	120.00	0.01104
11.00	120.00	0.01012	13.00	120.00	0.00937
15.00	120.00	0.00874	17.00	120.00	0.00819
20.00	120.00	0.00747	25.00	120.00	0.00649
30.00	120.00	0.00570	40.00	120.00	0.00453
50.00	120.00	0.00370	60.00	120.00	0.00308
70.00	120.00	0.00260	80.00	120.00	0.00222
90.00	120.00	0.00192	100.00	120.00	0.00167
-100.00	130.00	0.00227	-90.00	130.00	0.00262
-80.00	130.00	0.00305	-70.00	130.00	0.00358
-60.00	130.00	0.00425	-50.00	130.00	0.00507
-40.00	130.00	0.00612	-30.00	130.00	0.00745
-25.00	130.00	0.00828	-20.00	130.00	0.00927
-17.00	130.00	0.00998	-15.00	130.00	0.01052
-13.00	130.00	0.01114	-11.00	130.00	0.01189
-9.00	130.00	0.01279	9.00	130.00	0.01096
11.00	130.00	0.01004	13.00	130.00	0.00928
15.00	130.00	0.00866	17.00	130.00	0.00811
20.00	130.00	0.00740	25.00	130.00	0.00642
30.00	130.00	0.00565	40.00	130.00	0.00449
50.00	130.00	0.00367	60.00	130.00	0.00305
70.00	130.00	0.00258	80.00	130.00	0.00221
90.00	130.00	0.00191	100.00	130.00	0.00167
-100.00	140.00	0.00217	-90.00	140.00	0.00250
-80.00	140.00	0.00292	-70.00	140.00	0.00343
-60.00	140.00	0.00408	-50.00	140.00	0.00489
-40.00	140.00	0.00592	-30.00	140.00	0.00725
-25.00	140.00	0.00808	-20.00	140.00	0.00908
-17.00	140.00	0.00980	-15.00	140.00	0.01034
-13.00	140.00	0.01097	-11.00	140.00	0.01171
-9.00	140.00	0.01263	9.00	140.00	0.01083
11.00	140.00	0.00994	13.00	140.00	0.00920
15.00	140.00	0.00857	17.00	140.00	0.00802
20.00	140.00	0.00731	25.00	140.00	0.00635

30.00	140.00	0.00558	40.00	140.00	0.00444
50.00	140.00	0.00363	60.00	140.00	0.00302
70.00	140.00	0.00256	80.00	140.00	0.00219
90.00	140.00	0.00190	100.00	140.00	0.00166

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 138
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00206	-90.00	150.00	0.00238
-80.00	150.00	0.00277	-70.00	150.00	0.00326
-60.00	150.00	0.00389	-50.00	150.00	0.00467
-40.00	150.00	0.00568	-30.00	150.00	0.00700
-25.00	150.00	0.00783	-20.00	150.00	0.00884
-17.00	150.00	0.00957	-15.00	150.00	0.01012
-13.00	150.00	0.01076	-11.00	150.00	0.01151
-9.00	150.00	0.01243	9.00	150.00	0.01066
11.00	150.00	0.00979	13.00	150.00	0.00907
15.00	150.00	0.00845	17.00	150.00	0.00791
20.00	150.00	0.00721	25.00	150.00	0.00626
30.00	150.00	0.00551	40.00	150.00	0.00439
50.00	150.00	0.00359	60.00	150.00	0.00299
70.00	150.00	0.00253	80.00	150.00	0.00217
90.00	150.00	0.00188	100.00	150.00	0.00165
-100.00	160.00	0.00194	-90.00	160.00	0.00224
-80.00	160.00	0.00261	-70.00	160.00	0.00308
-60.00	160.00	0.00367	-50.00	160.00	0.00443
-40.00	160.00	0.00540	-30.00	160.00	0.00670
-25.00	160.00	0.00753	-20.00	160.00	0.00854
-17.00	160.00	0.00928	-15.00	160.00	0.00984
-13.00	160.00	0.01048	-11.00	160.00	0.01123
-9.00	160.00	0.01216	9.00	160.00	0.01049
11.00	160.00	0.00963	13.00	160.00	0.00891
15.00	160.00	0.00830	17.00	160.00	0.00777
20.00	160.00	0.00709	25.00	160.00	0.00616
30.00	160.00	0.00543	40.00	160.00	0.00433
50.00	160.00	0.00354	60.00	160.00	0.00295
70.00	160.00	0.00250	80.00	160.00	0.00215
90.00	160.00	0.00187	100.00	160.00	0.00164

-100.00	170.00	0.00183	-90.00	170.00	0.00210
-80.00	170.00	0.00245	-70.00	170.00	0.00288
-60.00	170.00	0.00344	-50.00	170.00	0.00415
-40.00	170.00	0.00508	-30.00	170.00	0.00634
-25.00	170.00	0.00715	-20.00	170.00	0.00816
-17.00	170.00	0.00890	-15.00	170.00	0.00947
-13.00	170.00	0.01013	-11.00	170.00	0.01089
-9.00	170.00	0.01182	9.00	170.00	0.01029
11.00	170.00	0.00944	13.00	170.00	0.00873
15.00	170.00	0.00814	17.00	170.00	0.00762

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 139
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00695	25.00	170.00	0.00605
30.00	170.00	0.00533	40.00	170.00	0.00425
50.00	170.00	0.00348	60.00	170.00	0.00291
70.00	170.00	0.00247	80.00	170.00	0.00213
90.00	170.00	0.00185	100.00	170.00	0.00163
-100.00	180.00	0.00171	-90.00	180.00	0.00196
-80.00	180.00	0.00228	-70.00	180.00	0.00268
-60.00	180.00	0.00318	-50.00	180.00	0.00384
-40.00	180.00	0.00471	-30.00	180.00	0.00590
-25.00	180.00	0.00669	-20.00	180.00	0.00769
-17.00	180.00	0.00843	-15.00	180.00	0.00901
-13.00	180.00	0.00967	-11.00	180.00	0.01045
-9.00	180.00	0.01138	9.00	180.00	0.01005
11.00	180.00	0.00921	13.00	180.00	0.00853
15.00	180.00	0.00794	17.00	180.00	0.00744
20.00	180.00	0.00679	25.00	180.00	0.00592
30.00	180.00	0.00522	40.00	180.00	0.00417
50.00	180.00	0.00342	60.00	180.00	0.00286
70.00	180.00	0.00244	80.00	180.00	0.00210
90.00	180.00	0.00183	100.00	180.00	0.00161
-100.00	190.00	0.00159	-90.00	190.00	0.00182
-80.00	190.00	0.00211	-70.00	190.00	0.00247
-60.00	190.00	0.00292	-50.00	190.00	0.00351
-40.00	190.00	0.00430	-30.00	190.00	0.00541

-25.00	190.00	0.00615	-20.00	190.00	0.00711
-17.00	190.00	0.00784	-15.00	190.00	0.00841
-13.00	190.00	0.00908	-11.00	190.00	0.00987
-9.00	190.00	0.01082	9.00	190.00	0.00978
11.00	190.00	0.00896	13.00	190.00	0.00830
15.00	190.00	0.00774	17.00	190.00	0.00725
20.00	190.00	0.00663	25.00	190.00	0.00578
30.00	190.00	0.00510	40.00	190.00	0.00408
50.00	190.00	0.00336	60.00	190.00	0.00282
70.00	190.00	0.00241	80.00	190.00	0.00208
90.00	190.00	0.00182	100.00	190.00	0.00160
-100.00	200.00	0.00149	-90.00	200.00	0.00169
-80.00	200.00	0.00194	-70.00	200.00	0.00226
-60.00	200.00	0.00266	-50.00	200.00	0.00318
-40.00	200.00	0.00388	-30.00	200.00	0.00486
-25.00	200.00	0.00554	-20.00	200.00	0.00643

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** Maximum train overlap at North/South Bound Direction ***
16:18:59
**MODELOPTs:
PAGE 140
CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00712	-15.00	200.00	0.00767
-13.00	200.00	0.00832	-11.00	200.00	0.00911
-9.00	200.00	0.01008	9.00	200.00	0.00947
11.00	200.00	0.00868	13.00	200.00	0.00805
15.00	200.00	0.00752	17.00	200.00	0.00705
20.00	200.00	0.00645	25.00	200.00	0.00563
30.00	200.00	0.00498	40.00	200.00	0.00400
50.00	200.00	0.00330	60.00	200.00	0.00278
70.00	200.00	0.00238	80.00	200.00	0.00206
90.00	200.00	0.00180	100.00	200.00	0.00159
-100.00	210.00	0.00139	-90.00	210.00	0.00157
-80.00	210.00	0.00180	-70.00	210.00	0.00208
-60.00	210.00	0.00243	-50.00	210.00	0.00288
-40.00	210.00	0.00347	-30.00	210.00	0.00432
-25.00	210.00	0.00491	-20.00	210.00	0.00569
-17.00	210.00	0.00631	-15.00	210.00	0.00681
-13.00	210.00	0.00741	-11.00	210.00	0.00816
-9.00	210.00	0.00910	9.00	210.00	0.00914

11.00	210.00	0.00838	13.00	210.00	0.00778
15.00	210.00	0.00728	17.00	210.00	0.00684
20.00	210.00	0.00626	25.00	210.00	0.00548
30.00	210.00	0.00486	40.00	210.00	0.00392
50.00	210.00	0.00324	60.00	210.00	0.00273
70.00	210.00	0.00234	80.00	210.00	0.00203
90.00	210.00	0.00178	100.00	210.00	0.00157
-100.00	220.00	0.00130	-90.00	220.00	0.00147
-80.00	220.00	0.00167	-70.00	220.00	0.00192
-60.00	220.00	0.00223	-50.00	220.00	0.00262
-40.00	220.00	0.00314	-30.00	220.00	0.00386
-25.00	220.00	0.00436	-20.00	220.00	0.00502
-17.00	220.00	0.00553	-15.00	220.00	0.00595
-13.00	220.00	0.00645	-11.00	220.00	0.00707
-9.00	220.00	0.00786	9.00	220.00	0.00880
11.00	220.00	0.00810	13.00	220.00	0.00752
15.00	220.00	0.00704	17.00	220.00	0.00663
20.00	220.00	0.00608	25.00	220.00	0.00533
30.00	220.00	0.00473	40.00	220.00	0.00383
50.00	220.00	0.00317	60.00	220.00	0.00268
70.00	220.00	0.00230	80.00	220.00	0.00200
90.00	220.00	0.00175	100.00	220.00	0.00155

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08
*** 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	230.00	0.00122	-90.00	230.00	0.00137
-80.00	230.00	0.00156	-70.00	230.00	0.00178
-60.00	230.00	0.00206	-50.00	230.00	0.00241
-40.00	230.00	0.00288	-30.00	230.00	0.00354
-25.00	230.00	0.00399	-20.00	230.00	0.00459
-17.00	230.00	0.00506	-15.00	230.00	0.00543
-13.00	230.00	0.00587	-11.00	230.00	0.00640
-9.00	230.00	0.00705	9.00	230.00	0.00824
11.00	230.00	0.00767	13.00	230.00	0.00716
15.00	230.00	0.00672	17.00	230.00	0.00633
20.00	230.00	0.00583	25.00	230.00	0.00513
30.00	230.00	0.00456	40.00	230.00	0.00370

50.00	230.00	0.00308	60.00	230.00	0.00261
70.00	230.00	0.00225	80.00	230.00	0.00196
90.00	230.00	0.00172	100.00	230.00	0.00153
-100.00	240.00	0.00115	-90.00	240.00	0.00130
-80.00	240.00	0.00147	-70.00	240.00	0.00167
-60.00	240.00	0.00193	-50.00	240.00	0.00227
-40.00	240.00	0.00271	-30.00	240.00	0.00334
-25.00	240.00	0.00378	-20.00	240.00	0.00435
-17.00	240.00	0.00478	-15.00	240.00	0.00513
-13.00	240.00	0.00553	-11.00	240.00	0.00600
-9.00	240.00	0.00652	9.00	240.00	0.00707
11.00	240.00	0.00672	13.00	240.00	0.00638
15.00	240.00	0.00607	17.00	240.00	0.00578
20.00	240.00	0.00538	25.00	240.00	0.00480
30.00	240.00	0.00430	40.00	240.00	0.00354
50.00	240.00	0.00297	60.00	240.00	0.00253
70.00	240.00	0.00219	80.00	240.00	0.00191
90.00	240.00	0.00169	100.00	240.00	0.00150
-100.00	250.00	0.00110	-90.00	250.00	0.00124
-80.00	250.00	0.00140	-70.00	250.00	0.00160
-60.00	250.00	0.00184	-50.00	250.00	0.00216
-40.00	250.00	0.00258	-30.00	250.00	0.00316
-25.00	250.00	0.00357	-20.00	250.00	0.00409
-17.00	250.00	0.00447	-15.00	250.00	0.00476
-13.00	250.00	0.00508	-11.00	250.00	0.00541
-9.00	250.00	0.00575	9.00	250.00	0.00594
11.00	250.00	0.00572	13.00	250.00	0.00551
15.00	250.00	0.00530	17.00	250.00	0.00510

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
20.00	250.00	0.00481	25.00	250.00	0.00437
30.00	250.00	0.00398	40.00	250.00	0.00334
50.00	250.00	0.00283	60.00	250.00	0.00243
70.00	250.00	0.00212	80.00	250.00	0.00186
90.00	250.00	0.00165	100.00	250.00	0.00147

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

CONC URBAN FLAT FLGPOL DFAULT

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00725 AT	(-9.00, 190.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00725 AT	(-9.00, 180.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00700 AT	(-9.00, 170.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00697 AT	(-9.00, 200.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00656 AT	(-9.00, 160.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00644 AT	(-11.00, 180.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00638 AT	(9.00, 210.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00638 AT	(-11.00, 190.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00636 AT	(-9.00, 210.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00635 AT	(9.00, 220.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00725 AT	(-9.00, 100.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00725 AT	(-9.00, 90.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00700 AT	(-9.00, 80.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00697 AT	(-9.00, 110.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00656 AT	(-9.00, 70.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00644 AT	(-11.00, 90.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00638 AT	(9.00, 120.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00638 AT	(-11.00, 100.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00636 AT	(-9.00, 120.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00635 AT	(9.00, 130.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00725 AT	(-9.00, 10.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00725 AT	(-9.00, 0.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00700 AT	(-9.00, -10.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00697 AT	(-9.00, 20.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00656 AT	(-9.00, -20.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00644 AT	(-11.00, 0.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00638 AT	(9.00, 30.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00638 AT	(-11.00, 10.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00636 AT	(-9.00, 30.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00635 AT	(9.00, 40.00, 0.00, 1.20)	DC	NA

CONC URBAN FLAT FLGPOL DFAULT

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00725 AT	(-9.00, -80.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00725 AT	(-9.00, -90.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00700 AT	(-9.00, -100.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00697 AT	(-9.00, -70.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00656 AT	(-9.00, -110.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00644 AT	(-11.00, -90.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00638 AT	(9.00, -60.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00638 AT	(-11.00, -80.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00636 AT	(-9.00, -60.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00635 AT	(9.00, -50.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00725 AT	(-9.00, -170.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00725 AT	(-9.00, -180.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00700 AT	(-9.00, -190.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00697 AT	(-9.00, -160.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00656 AT	(-9.00, -200.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00644 AT	(-11.00, -180.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00638 AT	(9.00, -150.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00638 AT	(-11.00, -170.00, 0.00, 1.20)	DC	NA

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         9TH HIGHEST VALUE IS       0.00636 AT (      -9.00,     -150.00,      0.00,      1.20)  DC      NA
        10TH HIGHEST VALUE IS       0.00635 AT (       9.00,     -140.00,      0.00,      1.20)  DC      NA

 ALL     1ST HIGHEST VALUE IS       0.01335 AT (      -9.00,       40.00,      0.00,      1.20)  DC      NA
         2ND HIGHEST VALUE IS       0.01334 AT (      -9.00,       50.00,      0.00,      1.20)  DC      NA
         3RD HIGHEST VALUE IS       0.01332 AT (      -9.00,       60.00,      0.00,      1.20)  DC      NA
         4TH HIGHEST VALUE IS       0.01332 AT (      -9.00,       20.00,      0.00,      1.20)  DC      NA
         5TH HIGHEST VALUE IS       0.01332 AT (      -9.00,       30.00,      0.00,      1.20)  DC      NA
         6TH HIGHEST VALUE IS       0.01331 AT (      -9.00,       10.00,      0.00,      1.20)  DC      NA
         7TH HIGHEST VALUE IS       0.01330 AT (      -9.00,        0.00,      0.00,      1.20)  DC      NA
         8TH HIGHEST VALUE IS       0.01329 AT (      -9.00,      -10.00,      0.00,      1.20)  DC      NA
         9TH HIGHEST VALUE IS       0.01327 AT (      -9.00,      -20.00,      0.00,      1.20)  DC      NA
        10TH HIGHEST VALUE IS       0.01327 AT (      -9.00,       70.00,      0.00,      1.20)  DC      NA


  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
                       BD = BOUNDARY
1 *** ISCST3 - VERSION 02035 ***    ***  NCRA Cumulative DPM Impacts                                          ***
      04/20/08
                                    ***  Maximum train overlap at North/South Bound Direction                  ***
      16:18:59
 **MODELOPTs:
      PAGE 145
 CONC                    URBAN FLAT  FLGPOL DFAULT


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          162 Informational Message(s)

 A Total of          162 Calm Hours Identified


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


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


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