

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 9:52:49

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound.dat

\*\* Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA\_S1 AREA -4.5 135.0 0

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

SO LOCATION NCRA\_S2 AREA -4.5 45.0 0

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

SO LOCATION NCRA\_S3 AREA -4.5 -45.0 0

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

SO LOCATION NCRA\_S4 AREA -4.5 -135.0 0

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

SO LOCATION NCRA\_S5 AREA -4.5 -225.0 0

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

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

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

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

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

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

SO SRCGROUP NCRA\_S1 NCRA\_S1

SO SRCGROUP NCRA\_S2 NCRA\_S2

SO SRCGROUP NCRA\_S3 NCRA\_S3

SO SRCGROUP NCRA\_S4 NCRA\_S4

SO SRCGROUP NCRA\_S5 NCRA\_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
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
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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 DISCCART	-100.0	-240.0	1.2
RE DISCCART	-90.0	-240.0	1.2
RE DISCCART	-80.0	-240.0	1.2
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  
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 -230.0 1.2  
RE DISCCART -90.0 -230.0 1.2  
RE DISCCART -80.0 -230.0 1.2  
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  
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  
RE DISCCART 20.0 -230.0 1.2  
RE DISCCART 25.0 -230.0 1.2  
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  
RE DISCCART 70.0 -230.0 1.2

RE DISCCART	80.0	-230.0	1.2
RE DISCCART	90.0	-230.0	1.2
RE DISCCART	100.0	-230.0	1.2
RE DISCCART	-100.0	-220.0	1.2
RE DISCCART	-90.0	-220.0	1.2
RE DISCCART	-80.0	-220.0	1.2
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RE DISCCART	-30.0	-220.0	1.2
RE DISCCART	-25.0	-220.0	1.2
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
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RE DISCCART	-80.0	-210.0	1.2
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
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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
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RE DISCCART	60.0	-210.0	1.2
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RE DISCCART	9.0	-200.0	1.2
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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
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RE DISCCART	9.0	-190.0	1.2
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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	30.0	-190.0	1.2
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RE DISCCART	90.0	-190.0	1.2
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RE DISCCART	-100.0	-180.0	1.2
RE DISCCART	-90.0	-180.0	1.2
RE DISCCART	-80.0	-180.0	1.2
RE DISCCART	-70.0	-180.0	1.2
RE DISCCART	-60.0	-180.0	1.2
RE DISCCART	-50.0	-180.0	1.2
RE DISCCART	-40.0	-180.0	1.2
RE DISCCART	-30.0	-180.0	1.2
RE DISCCART	-25.0	-180.0	1.2

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

RE DISCCART	40.0	-170.0	1.2
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RE DISCCART	60.0	-170.0	1.2
RE DISCCART	70.0	-170.0	1.2
RE DISCCART	80.0	-170.0	1.2
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RE DISCCART	-50.0	-160.0	1.2
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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
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RE DISCCART	9.0	-160.0	1.2
RE DISCCART	11.0	-160.0	1.2
RE DISCCART	13.0	-160.0	1.2
RE DISCCART	15.0	-160.0	1.2
RE DISCCART	17.0	-160.0	1.2
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RE DISCCART	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	-150.0	1.2
RE DISCCART	-90.0	-150.0	1.2
RE DISCCART	-80.0	-150.0	1.2
RE DISCCART	-70.0	-150.0	1.2
RE DISCCART	-60.0	-150.0	1.2
RE DISCCART	-50.0	-150.0	1.2
RE DISCCART	-40.0	-150.0	1.2



RE DISCCART	-30.0	-150.0	1.2
RE DISCCART	-25.0	-150.0	1.2
RE DISCCART	-20.0	-150.0	1.2
RE DISCCART	-17.0	-150.0	1.2
RE DISCCART	-15.0	-150.0	1.2
RE DISCCART	-13.0	-150.0	1.2
RE DISCCART	-11.0	-150.0	1.2
RE DISCCART	-9.0	-150.0	1.2
RE DISCCART	9.0	-150.0	1.2
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RE DISCCART	9.0	-140.0	1.2
RE DISCCART	11.0	-140.0	1.2
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RE DISCCART	15.0	-140.0	1.2
RE DISCCART	17.0	-140.0	1.2
RE DISCCART	20.0	-140.0	1.2

RE DISCCART	25.0	-140.0	1.2
RE DISCCART	30.0	-140.0	1.2
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RE DISCCART	50.0	-140.0	1.2
RE DISCCART	60.0	-140.0	1.2
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RE DISCCART	80.0	-140.0	1.2
RE DISCCART	90.0	-140.0	1.2
RE DISCCART	100.0	-140.0	1.2
RE DISCCART	-100.0	-130.0	1.2
RE DISCCART	-90.0	-130.0	1.2
RE DISCCART	-80.0	-130.0	1.2
RE DISCCART	-70.0	-130.0	1.2
RE DISCCART	-60.0	-130.0	1.2
RE DISCCART	-50.0	-130.0	1.2
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RE DISCCART	-20.0	-130.0	1.2
RE DISCCART	-17.0	-130.0	1.2
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RE DISCCART	-11.0	-130.0	1.2
RE DISCCART	-9.0	-130.0	1.2
RE DISCCART	9.0	-130.0	1.2
RE DISCCART	11.0	-130.0	1.2
RE DISCCART	13.0	-130.0	1.2
RE DISCCART	15.0	-130.0	1.2
RE DISCCART	17.0	-130.0	1.2
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RE DISCCART	70.0	-130.0	1.2
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RE DISCCART	-100.0	170.0	1.2
RE DISCCART	-90.0	170.0	1.2
RE DISCCART	-80.0	170.0	1.2
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RE DISCCART	13.0	170.0	1.2
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RE DISCCART	90.0	170.0	1.2
RE DISCCART	100.0	170.0	1.2
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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
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RE DISCCART	30.0	180.0	1.2
RE DISCCART	40.0	180.0	1.2
RE DISCCART	50.0	180.0	1.2
RE DISCCART	60.0	180.0	1.2
RE DISCCART	70.0	180.0	1.2
RE DISCCART	80.0	180.0	1.2
RE DISCCART	90.0	180.0	1.2

RE DISCCART	100.0	180.0	1.2
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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
RE DISCCART	-50.0	190.0	1.2
RE DISCCART	-40.0	190.0	1.2
RE DISCCART	-30.0	190.0	1.2
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RE DISCCART	-17.0	190.0	1.2
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RE DISCCART	13.0	190.0	1.2
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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
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RE DISCCART	-30.0	220.0	1.2
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RE DISCCART	-11.0	220.0	1.2
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RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
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RE DISCCART	17.0	220.0	1.2
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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
RE DISCCART	80.0	220.0	1.2
RE DISCCART	90.0	220.0	1.2
RE DISCCART	100.0	220.0	1.2
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RE DISCCART	-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

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

RE DISCCART 60.0 240.0 1.2  
RE DISCCART 70.0 240.0 1.2  
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  
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RE DISCCART -25.0 250.0 1.2  
RE DISCCART -20.0 250.0 1.2  
RE DISCCART -17.0 250.0 1.2  
RE DISCCART -15.0 250.0 1.2  
RE DISCCART -13.0 250.0 1.2  
RE DISCCART -11.0 250.0 1.2  
RE DISCCART -9.0 250.0 1.2  
RE DISCCART 9.0 250.0 1.2  
RE DISCCART 11.0 250.0 1.2  
RE DISCCART 13.0 250.0 1.2  
RE DISCCART 15.0 250.0 1.2  
RE DISCCART 17.0 250.0 1.2  
RE DISCCART 20.0 250.0 1.2  
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RE DISCCART 70.0 250.0 1.2  
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RE DISCCART 100.0 250.0 1.2  
RE FINISHED

ME STARTING  
ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET91300.ASC"  
ME ANEMHGHT 10 METERS  
ME SURFDATA 9901 1991  
ME UAIRDATA 9901 1991  
ME STARTEND 1991 01 01 1 1991 12 31 24  
ME FINISHED

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OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\01NCRA\_PL91-300\_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 \*\*\*

09:52:50

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*Intermediate Terrain Processing is Selected

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

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

\*\*Model Uses URBAN Dispersion.

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

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

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

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

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

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

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\01NCRA~2.DAT

\*\*Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\01NCRA-2.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 09:52:50 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 \*\*MODELOPTs:  
 PAGE 2  
 CONC URBAN FLAT FLGPOL DFAULT

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

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-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  
 09:52:50 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 \*\*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  
 09:52:50 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 \*\*MODELOPTs:  
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 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);

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( -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);

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* 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);



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
 ( 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 \*\*\*

09:52:50  
 \*\*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);

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( -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);

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

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

09:52:50

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( 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 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*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);

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( -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 \*\*\*

09:52:50

\*\*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);

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

(	-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);

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

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

09:52:50  
 \*\*MODELOPTs:  
 PAGE 10

CONC                      URBAN FLAT    FLGPOL DFAULT

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN N-S Bound  
(METERS)

( -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);

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( 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 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts \*\*\*  
\*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*\*  
\*\*\*

09:52:50  
\*\*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);

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( -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 \*\*\*

09:52:50

\*\*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);



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( 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 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*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);

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( -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 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( 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      \*\*\*

09:52:50  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( -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:  
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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);

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( 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 \*\*\*

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( -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      \*\*\*

09:52:50

\*\*MODELOPTs:

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CONC                    URBAN FLAT    FLGPOL DFAULT

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( 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      \*\*\*

09:52:50  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

( -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 \*\*\*

09:52:50  
 \*\*MODELOPTs:  
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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);

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

(	-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);

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

09:52:50  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
91	01	01	01	136.0	1.21	271.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	02	116.0	1.21	270.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	03	104.0	1.48	270.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	04	133.0	2.10	270.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	05	234.0	1.00	269.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	06	135.0	1.00	268.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	07	109.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	08	64.0	1.00	267.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	09	148.0	1.00	269.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	10	359.0	1.07	276.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	11	345.0	2.59	280.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	12	336.0	3.62	282.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	13	331.0	5.10	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	14	336.0	4.74	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	15	335.0	5.05	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	16	329.0	5.77	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	17	312.0	4.20	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	18	307.0	2.41	278.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	19	253.0	1.92	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	20	288.0	1.52	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	21	328.0	1.16	275.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	22	172.0	1.97	273.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	23	120.0	1.12	272.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
91	01	01	24	106.0	1.00	271.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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

04/20/08

\*\*\* 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\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00003	-90.00	-250.00	0.00003
-80.00	-250.00	0.00003	-70.00	-250.00	0.00003
-60.00	-250.00	0.00003	-50.00	-250.00	0.00004
-40.00	-250.00	0.00004	-30.00	-250.00	0.00004
-25.00	-250.00	0.00004	-20.00	-250.00	0.00004
-17.00	-250.00	0.00004	-15.00	-250.00	0.00004
-13.00	-250.00	0.00004	-11.00	-250.00	0.00004
-9.00	-250.00	0.00005	9.00	-250.00	0.00005
11.00	-250.00	0.00005	13.00	-250.00	0.00005
15.00	-250.00	0.00005	17.00	-250.00	0.00005
20.00	-250.00	0.00005	25.00	-250.00	0.00005
30.00	-250.00	0.00005	40.00	-250.00	0.00005
50.00	-250.00	0.00005	60.00	-250.00	0.00006
70.00	-250.00	0.00006	80.00	-250.00	0.00006
90.00	-250.00	0.00006	100.00	-250.00	0.00007
-100.00	-240.00	0.00003	-90.00	-240.00	0.00003
-80.00	-240.00	0.00003	-70.00	-240.00	0.00003

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-240.00	0.00004	-50.00	-240.00	0.00004
-40.00	-240.00	0.00004	-30.00	-240.00	0.00004
-25.00	-240.00	0.00004	-20.00	-240.00	0.00004
-17.00	-240.00	0.00005	-15.00	-240.00	0.00005
-13.00	-240.00	0.00005	-11.00	-240.00	0.00005
-9.00	-240.00	0.00005	9.00	-240.00	0.00005
11.00	-240.00	0.00005	13.00	-240.00	0.00005
15.00	-240.00	0.00005	17.00	-240.00	0.00005
20.00	-240.00	0.00005	25.00	-240.00	0.00005
30.00	-240.00	0.00005	40.00	-240.00	0.00006
50.00	-240.00	0.00006	60.00	-240.00	0.00006
70.00	-240.00	0.00006	80.00	-240.00	0.00006
90.00	-240.00	0.00007	100.00	-240.00	0.00007
-100.00	-230.00	0.00003	-90.00	-230.00	0.00003
-80.00	-230.00	0.00003	-70.00	-230.00	0.00003
-60.00	-230.00	0.00004	-50.00	-230.00	0.00004
-40.00	-230.00	0.00004	-30.00	-230.00	0.00004
-25.00	-230.00	0.00005	-20.00	-230.00	0.00005
-17.00	-230.00	0.00005	-15.00	-230.00	0.00005
-13.00	-230.00	0.00005	-11.00	-230.00	0.00005
-9.00	-230.00	0.00005	9.00	-230.00	0.00005
11.00	-230.00	0.00005	13.00	-230.00	0.00005
15.00	-230.00	0.00005	17.00	-230.00	0.00005

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08 \*\*\* 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\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00005	25.00	-230.00	0.00006
30.00	-230.00	0.00006	40.00	-230.00	0.00006
50.00	-230.00	0.00006	60.00	-230.00	0.00006
70.00	-230.00	0.00007	80.00	-230.00	0.00007
90.00	-230.00	0.00007	100.00	-230.00	0.00007
-100.00	-220.00	0.00003	-90.00	-220.00	0.00003
-80.00	-220.00	0.00003	-70.00	-220.00	0.00004
-60.00	-220.00	0.00004	-50.00	-220.00	0.00004
-40.00	-220.00	0.00004	-30.00	-220.00	0.00005
-25.00	-220.00	0.00005	-20.00	-220.00	0.00005
-17.00	-220.00	0.00005	-15.00	-220.00	0.00005

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-220.00	0.00005	-11.00	-220.00	0.00005
-9.00	-220.00	0.00005	9.00	-220.00	0.00005
11.00	-220.00	0.00006	13.00	-220.00	0.00006
15.00	-220.00	0.00006	17.00	-220.00	0.00006
20.00	-220.00	0.00006	25.00	-220.00	0.00006
30.00	-220.00	0.00006	40.00	-220.00	0.00006
50.00	-220.00	0.00006	60.00	-220.00	0.00007
70.00	-220.00	0.00007	80.00	-220.00	0.00007
90.00	-220.00	0.00008	100.00	-220.00	0.00008
-100.00	-210.00	0.00003	-90.00	-210.00	0.00003
-80.00	-210.00	0.00003	-70.00	-210.00	0.00004
-60.00	-210.00	0.00004	-50.00	-210.00	0.00004
-40.00	-210.00	0.00005	-30.00	-210.00	0.00005
-25.00	-210.00	0.00005	-20.00	-210.00	0.00005
-17.00	-210.00	0.00005	-15.00	-210.00	0.00005
-13.00	-210.00	0.00005	-11.00	-210.00	0.00005
-9.00	-210.00	0.00005	9.00	-210.00	0.00006
11.00	-210.00	0.00006	13.00	-210.00	0.00006
15.00	-210.00	0.00006	17.00	-210.00	0.00006
20.00	-210.00	0.00006	25.00	-210.00	0.00006
30.00	-210.00	0.00006	40.00	-210.00	0.00006
50.00	-210.00	0.00007	60.00	-210.00	0.00007
70.00	-210.00	0.00007	80.00	-210.00	0.00008
90.00	-210.00	0.00008	100.00	-210.00	0.00008
-100.00	-200.00	0.00003	-90.00	-200.00	0.00003
-80.00	-200.00	0.00004	-70.00	-200.00	0.00004
-60.00	-200.00	0.00004	-50.00	-200.00	0.00004
-40.00	-200.00	0.00005	-30.00	-200.00	0.00005
-25.00	-200.00	0.00005	-20.00	-200.00	0.00005

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\_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	0.00005	-15.00	-200.00	0.00005
-13.00	-200.00	0.00006	-11.00	-200.00	0.00006
-9.00	-200.00	0.00006	9.00	-200.00	0.00006
11.00	-200.00	0.00006	13.00	-200.00	0.00006
15.00	-200.00	0.00006	17.00	-200.00	0.00006

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-200.00	0.00006	25.00	-200.00	0.00006
30.00	-200.00	0.00007	40.00	-200.00	0.00007
50.00	-200.00	0.00007	60.00	-200.00	0.00007
70.00	-200.00	0.00008	80.00	-200.00	0.00008
90.00	-200.00	0.00008	100.00	-200.00	0.00009
-100.00	-190.00	0.00003	-90.00	-190.00	0.00004
-80.00	-190.00	0.00004	-70.00	-190.00	0.00004
-60.00	-190.00	0.00004	-50.00	-190.00	0.00005
-40.00	-190.00	0.00005	-30.00	-190.00	0.00005
-25.00	-190.00	0.00005	-20.00	-190.00	0.00006
-17.00	-190.00	0.00006	-15.00	-190.00	0.00006
-13.00	-190.00	0.00006	-11.00	-190.00	0.00006
-9.00	-190.00	0.00006	9.00	-190.00	0.00006
11.00	-190.00	0.00006	13.00	-190.00	0.00006
15.00	-190.00	0.00006	17.00	-190.00	0.00007
20.00	-190.00	0.00007	25.00	-190.00	0.00007
30.00	-190.00	0.00007	40.00	-190.00	0.00007
50.00	-190.00	0.00007	60.00	-190.00	0.00008
70.00	-190.00	0.00008	80.00	-190.00	0.00009
90.00	-190.00	0.00009	100.00	-190.00	0.00009
-100.00	-180.00	0.00004	-90.00	-180.00	0.00004
-80.00	-180.00	0.00004	-70.00	-180.00	0.00004
-60.00	-180.00	0.00004	-50.00	-180.00	0.00005
-40.00	-180.00	0.00005	-30.00	-180.00	0.00006
-25.00	-180.00	0.00006	-20.00	-180.00	0.00006
-17.00	-180.00	0.00006	-15.00	-180.00	0.00006
-13.00	-180.00	0.00006	-11.00	-180.00	0.00006
-9.00	-180.00	0.00006	9.00	-180.00	0.00007
11.00	-180.00	0.00007	13.00	-180.00	0.00007
15.00	-180.00	0.00007	17.00	-180.00	0.00007
20.00	-180.00	0.00007	25.00	-180.00	0.00007
30.00	-180.00	0.00007	40.00	-180.00	0.00008
50.00	-180.00	0.00008	60.00	-180.00	0.00008
70.00	-180.00	0.00009	80.00	-180.00	0.00009
90.00	-180.00	0.00010	100.00	-180.00	0.00010

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 09:52:50  
 \*\*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      \*\*

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00004	-90.00	-170.00	0.00004
-80.00	-170.00	0.00004	-70.00	-170.00	0.00004
-60.00	-170.00	0.00005	-50.00	-170.00	0.00005
-40.00	-170.00	0.00005	-30.00	-170.00	0.00006
-25.00	-170.00	0.00006	-20.00	-170.00	0.00006
-17.00	-170.00	0.00006	-15.00	-170.00	0.00006
-13.00	-170.00	0.00006	-11.00	-170.00	0.00006
-9.00	-170.00	0.00007	9.00	-170.00	0.00007
11.00	-170.00	0.00007	13.00	-170.00	0.00007
15.00	-170.00	0.00007	17.00	-170.00	0.00007
20.00	-170.00	0.00007	25.00	-170.00	0.00007
30.00	-170.00	0.00008	40.00	-170.00	0.00008
50.00	-170.00	0.00008	60.00	-170.00	0.00009
70.00	-170.00	0.00009	80.00	-170.00	0.00010
90.00	-170.00	0.00010	100.00	-170.00	0.00011
-100.00	-160.00	0.00004	-90.00	-160.00	0.00004
-80.00	-160.00	0.00004	-70.00	-160.00	0.00004
-60.00	-160.00	0.00005	-50.00	-160.00	0.00005
-40.00	-160.00	0.00006	-30.00	-160.00	0.00006
-25.00	-160.00	0.00006	-20.00	-160.00	0.00006
-17.00	-160.00	0.00007	-15.00	-160.00	0.00007
-13.00	-160.00	0.00007	-11.00	-160.00	0.00007
-9.00	-160.00	0.00007	9.00	-160.00	0.00007
11.00	-160.00	0.00007	13.00	-160.00	0.00008
15.00	-160.00	0.00008	17.00	-160.00	0.00008
20.00	-160.00	0.00008	25.00	-160.00	0.00008
30.00	-160.00	0.00008	40.00	-160.00	0.00008
50.00	-160.00	0.00009	60.00	-160.00	0.00009
70.00	-160.00	0.00010	80.00	-160.00	0.00010
90.00	-160.00	0.00011	100.00	-160.00	0.00011
-100.00	-150.00	0.00004	-90.00	-150.00	0.00004
-80.00	-150.00	0.00004	-70.00	-150.00	0.00005
-60.00	-150.00	0.00005	-50.00	-150.00	0.00005
-40.00	-150.00	0.00006	-30.00	-150.00	0.00006
-25.00	-150.00	0.00007	-20.00	-150.00	0.00007
-17.00	-150.00	0.00007	-15.00	-150.00	0.00007
-13.00	-150.00	0.00007	-11.00	-150.00	0.00007
-9.00	-150.00	0.00007	9.00	-150.00	0.00008
11.00	-150.00	0.00008	13.00	-150.00	0.00008
15.00	-150.00	0.00008	17.00	-150.00	0.00008

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:



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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00008	25.00	-150.00	0.00008
30.00	-150.00	0.00009	40.00	-150.00	0.00009
50.00	-150.00	0.00009	60.00	-150.00	0.00010
70.00	-150.00	0.00010	80.00	-150.00	0.00011
90.00	-150.00	0.00012	100.00	-150.00	0.00012
-100.00	-140.00	0.00004	-90.00	-140.00	0.00004
-80.00	-140.00	0.00005	-70.00	-140.00	0.00005
-60.00	-140.00	0.00005	-50.00	-140.00	0.00006
-40.00	-140.00	0.00006	-30.00	-140.00	0.00007
-25.00	-140.00	0.00007	-20.00	-140.00	0.00007
-17.00	-140.00	0.00007	-15.00	-140.00	0.00007
-13.00	-140.00	0.00007	-11.00	-140.00	0.00008
-9.00	-140.00	0.00008	9.00	-140.00	0.00008
11.00	-140.00	0.00008	13.00	-140.00	0.00008
15.00	-140.00	0.00009	17.00	-140.00	0.00009
20.00	-140.00	0.00009	25.00	-140.00	0.00009
30.00	-140.00	0.00009	40.00	-140.00	0.00010
50.00	-140.00	0.00010	60.00	-140.00	0.00011
70.00	-140.00	0.00011	80.00	-140.00	0.00012
90.00	-140.00	0.00012	100.00	-140.00	0.00013
-100.00	-130.00	0.00005	-90.00	-130.00	0.00005
-80.00	-130.00	0.00005	-70.00	-130.00	0.00005
-60.00	-130.00	0.00005	-50.00	-130.00	0.00006
-40.00	-130.00	0.00006	-30.00	-130.00	0.00007
-25.00	-130.00	0.00007	-20.00	-130.00	0.00008
-17.00	-130.00	0.00008	-15.00	-130.00	0.00008
-13.00	-130.00	0.00008	-11.00	-130.00	0.00008
-9.00	-130.00	0.00008	9.00	-130.00	0.00009
11.00	-130.00	0.00009	13.00	-130.00	0.00009
15.00	-130.00	0.00009	17.00	-130.00	0.00009
20.00	-130.00	0.00009	25.00	-130.00	0.00009
30.00	-130.00	0.00010	40.00	-130.00	0.00010
50.00	-130.00	0.00011	60.00	-130.00	0.00011
70.00	-130.00	0.00012	80.00	-130.00	0.00013
90.00	-130.00	0.00013	100.00	-130.00	0.00014
-100.00	-120.00	0.00005	-90.00	-120.00	0.00005
-80.00	-120.00	0.00005	-70.00	-120.00	0.00005

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-120.00	0.00006	-50.00	-120.00	0.00006
-40.00	-120.00	0.00007	-30.00	-120.00	0.00007
-25.00	-120.00	0.00008	-20.00	-120.00	0.00008

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00008	-15.00	-120.00	0.00008
-13.00	-120.00	0.00008	-11.00	-120.00	0.00008
-9.00	-120.00	0.00009	9.00	-120.00	0.00009
11.00	-120.00	0.00009	13.00	-120.00	0.00010
15.00	-120.00	0.00010	17.00	-120.00	0.00010
20.00	-120.00	0.00010	25.00	-120.00	0.00010
30.00	-120.00	0.00010	40.00	-120.00	0.00011
50.00	-120.00	0.00012	60.00	-120.00	0.00012
70.00	-120.00	0.00013	80.00	-120.00	0.00014
90.00	-120.00	0.00014	100.00	-120.00	0.00015
-100.00	-110.00	0.00005	-90.00	-110.00	0.00005
-80.00	-110.00	0.00005	-70.00	-110.00	0.00006
-60.00	-110.00	0.00006	-50.00	-110.00	0.00006
-40.00	-110.00	0.00007	-30.00	-110.00	0.00008
-25.00	-110.00	0.00008	-20.00	-110.00	0.00008
-17.00	-110.00	0.00009	-15.00	-110.00	0.00009
-13.00	-110.00	0.00009	-11.00	-110.00	0.00009
-9.00	-110.00	0.00009	9.00	-110.00	0.00010
11.00	-110.00	0.00010	13.00	-110.00	0.00010
15.00	-110.00	0.00010	17.00	-110.00	0.00010
20.00	-110.00	0.00011	25.00	-110.00	0.00011
30.00	-110.00	0.00011	40.00	-110.00	0.00012
50.00	-110.00	0.00012	60.00	-110.00	0.00013
70.00	-110.00	0.00014	80.00	-110.00	0.00015
90.00	-110.00	0.00016	100.00	-110.00	0.00016
-100.00	-100.00	0.00005	-90.00	-100.00	0.00005
-80.00	-100.00	0.00006	-70.00	-100.00	0.00006
-60.00	-100.00	0.00006	-50.00	-100.00	0.00007
-40.00	-100.00	0.00007	-30.00	-100.00	0.00008
-25.00	-100.00	0.00009	-20.00	-100.00	0.00009
-17.00	-100.00	0.00009	-15.00	-100.00	0.00009

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*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	0.00014	25.00	-70.00	0.00015
30.00	-70.00	0.00015	40.00	-70.00	0.00016
50.00	-70.00	0.00017	60.00	-70.00	0.00018
70.00	-70.00	0.00020	80.00	-70.00	0.00021
90.00	-70.00	0.00022	100.00	-70.00	0.00023
-100.00	-60.00	0.00007	-90.00	-60.00	0.00007
-80.00	-60.00	0.00007	-70.00	-60.00	0.00007
-60.00	-60.00	0.00008	-50.00	-60.00	0.00008
-40.00	-60.00	0.00009	-30.00	-60.00	0.00010
-25.00	-60.00	0.00011	-20.00	-60.00	0.00012
-17.00	-60.00	0.00012	-15.00	-60.00	0.00012
-13.00	-60.00	0.00012	-11.00	-60.00	0.00013
-9.00	-60.00	0.00013	9.00	-60.00	0.00014
11.00	-60.00	0.00015	13.00	-60.00	0.00015
15.00	-60.00	0.00015	17.00	-60.00	0.00015
20.00	-60.00	0.00015	25.00	-60.00	0.00016
30.00	-60.00	0.00016	40.00	-60.00	0.00018
50.00	-60.00	0.00019	60.00	-60.00	0.00020
70.00	-60.00	0.00022	80.00	-60.00	0.00023

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-60.00	0.00024	100.00	-60.00	0.00025
-100.00	-50.00	0.00007	-90.00	-50.00	0.00007
-80.00	-50.00	0.00008	-70.00	-50.00	0.00008
-60.00	-50.00	0.00008	-50.00	-50.00	0.00009
-40.00	-50.00	0.00010	-30.00	-50.00	0.00011
-25.00	-50.00	0.00012	-20.00	-50.00	0.00012
-17.00	-50.00	0.00013	-15.00	-50.00	0.00013
-13.00	-50.00	0.00013	-11.00	-50.00	0.00014
-9.00	-50.00	0.00014	9.00	-50.00	0.00016
11.00	-50.00	0.00016	13.00	-50.00	0.00016
15.00	-50.00	0.00016	17.00	-50.00	0.00016
20.00	-50.00	0.00017	25.00	-50.00	0.00017
30.00	-50.00	0.00018	40.00	-50.00	0.00019
50.00	-50.00	0.00021	60.00	-50.00	0.00022
70.00	-50.00	0.00024	80.00	-50.00	0.00025
90.00	-50.00	0.00026	100.00	-50.00	0.00027
-100.00	-40.00	0.00008	-90.00	-40.00	0.00008
-80.00	-40.00	0.00008	-70.00	-40.00	0.00009
-60.00	-40.00	0.00009	-50.00	-40.00	0.00010
-40.00	-40.00	0.00010	-30.00	-40.00	0.00012
-25.00	-40.00	0.00013	-20.00	-40.00	0.00013

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00014	-15.00	-40.00	0.00014
-13.00	-40.00	0.00014	-11.00	-40.00	0.00015
-9.00	-40.00	0.00015	9.00	-40.00	0.00017
11.00	-40.00	0.00017	13.00	-40.00	0.00017
15.00	-40.00	0.00018	17.00	-40.00	0.00018
20.00	-40.00	0.00018	25.00	-40.00	0.00019
30.00	-40.00	0.00020	40.00	-40.00	0.00021
50.00	-40.00	0.00023	60.00	-40.00	0.00025
70.00	-40.00	0.00026	80.00	-40.00	0.00028
90.00	-40.00	0.00029	100.00	-40.00	0.00030
-100.00	-30.00	0.00008	-90.00	-30.00	0.00009
-80.00	-30.00	0.00009	-70.00	-30.00	0.00009
-60.00	-30.00	0.00010	-50.00	-30.00	0.00010

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-30.00	0.00011	-30.00	-30.00	0.00013
-25.00	-30.00	0.00013	-20.00	-30.00	0.00014
-17.00	-30.00	0.00015	-15.00	-30.00	0.00015
-13.00	-30.00	0.00015	-11.00	-30.00	0.00016
-9.00	-30.00	0.00016	9.00	-30.00	0.00019
11.00	-30.00	0.00019	13.00	-30.00	0.00019
15.00	-30.00	0.00019	17.00	-30.00	0.00020
20.00	-30.00	0.00020	25.00	-30.00	0.00021
30.00	-30.00	0.00022	40.00	-30.00	0.00024
50.00	-30.00	0.00026	60.00	-30.00	0.00028
70.00	-30.00	0.00029	80.00	-30.00	0.00031
90.00	-30.00	0.00032	100.00	-30.00	0.00033
-100.00	-20.00	0.00009	-90.00	-20.00	0.00009
-80.00	-20.00	0.00010	-70.00	-20.00	0.00010
-60.00	-20.00	0.00010	-50.00	-20.00	0.00011
-40.00	-20.00	0.00012	-30.00	-20.00	0.00014
-25.00	-20.00	0.00014	-20.00	-20.00	0.00015
-17.00	-20.00	0.00016	-15.00	-20.00	0.00016
-13.00	-20.00	0.00017	-11.00	-20.00	0.00017
-9.00	-20.00	0.00018	9.00	-20.00	0.00020
11.00	-20.00	0.00021	13.00	-20.00	0.00021
15.00	-20.00	0.00021	17.00	-20.00	0.00022
20.00	-20.00	0.00022	25.00	-20.00	0.00023
30.00	-20.00	0.00024	40.00	-20.00	0.00026
50.00	-20.00	0.00029	60.00	-20.00	0.00031
70.00	-20.00	0.00033	80.00	-20.00	0.00035
90.00	-20.00	0.00036	100.00	-20.00	0.00037

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

09:52:50  
 \*\*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	0.00009	-90.00	-10.00	0.00010
-80.00	-10.00	0.00010	-70.00	-10.00	0.00011
-60.00	-10.00	0.00011	-50.00	-10.00	0.00012
-40.00	-10.00	0.00013	-30.00	-10.00	0.00015
-25.00	-10.00	0.00016	-20.00	-10.00	0.00017
-17.00	-10.00	0.00017	-15.00	-10.00	0.00018
-13.00	-10.00	0.00018	-11.00	-10.00	0.00019

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-10.00	0.00019	9.00	-10.00	0.00023
11.00	-10.00	0.00023	13.00	-10.00	0.00023
15.00	-10.00	0.00024	17.00	-10.00	0.00024
20.00	-10.00	0.00025	25.00	-10.00	0.00026
30.00	-10.00	0.00027	40.00	-10.00	0.00030
50.00	-10.00	0.00032	60.00	-10.00	0.00035
70.00	-10.00	0.00037	80.00	-10.00	0.00039
90.00	-10.00	0.00040	100.00	-10.00	0.00041
-100.00	0.00	0.00010	-90.00	0.00	0.00011
-80.00	0.00	0.00011	-70.00	0.00	0.00012
-60.00	0.00	0.00012	-50.00	0.00	0.00013
-40.00	0.00	0.00014	-30.00	0.00	0.00016
-25.00	0.00	0.00017	-20.00	0.00	0.00018
-17.00	0.00	0.00019	-15.00	0.00	0.00020
-13.00	0.00	0.00020	-11.00	0.00	0.00021
-9.00	0.00	0.00021	9.00	0.00	0.00025
11.00	0.00	0.00025	13.00	0.00	0.00026
15.00	0.00	0.00026	17.00	0.00	0.00027
20.00	0.00	0.00027	25.00	0.00	0.00029
30.00	0.00	0.00030	40.00	0.00	0.00033
50.00	0.00	0.00037	60.00	0.00	0.00039
70.00	0.00	0.00042	80.00	0.00	0.00044
90.00	0.00	0.00045	100.00	0.00	0.00047
-100.00	10.00	0.00011	-90.00	10.00	0.00012
-80.00	10.00	0.00012	-70.00	10.00	0.00013
-60.00	10.00	0.00013	-50.00	10.00	0.00014
-40.00	10.00	0.00015	-30.00	10.00	0.00017
-25.00	10.00	0.00018	-20.00	10.00	0.00020
-17.00	10.00	0.00021	-15.00	10.00	0.00021
-13.00	10.00	0.00022	-11.00	10.00	0.00023
-9.00	10.00	0.00023	9.00	10.00	0.00028
11.00	10.00	0.00028	13.00	10.00	0.00029
15.00	10.00	0.00029	17.00	10.00	0.00030

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\_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 0.00031 25.00 10.00 0.00033

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	10.00	0.00034	40.00	10.00	0.00038
50.00	10.00	0.00042	60.00	10.00	0.00045
70.00	10.00	0.00048	80.00	10.00	0.00050
90.00	10.00	0.00051	100.00	10.00	0.00053
-100.00	20.00	0.00012	-90.00	20.00	0.00012
-80.00	20.00	0.00013	-70.00	20.00	0.00014
-60.00	20.00	0.00015	-50.00	20.00	0.00015
-40.00	20.00	0.00016	-30.00	20.00	0.00018
-25.00	20.00	0.00020	-20.00	20.00	0.00022
-17.00	20.00	0.00023	-15.00	20.00	0.00024
-13.00	20.00	0.00024	-11.00	20.00	0.00025
-9.00	20.00	0.00026	9.00	20.00	0.00031
11.00	20.00	0.00032	13.00	20.00	0.00033
15.00	20.00	0.00033	17.00	20.00	0.00034
20.00	20.00	0.00035	25.00	20.00	0.00037
30.00	20.00	0.00039	40.00	20.00	0.00044
50.00	20.00	0.00048	60.00	20.00	0.00052
70.00	20.00	0.00055	80.00	20.00	0.00057
90.00	20.00	0.00059	100.00	20.00	0.00060
-100.00	30.00	0.00013	-90.00	30.00	0.00014
-80.00	30.00	0.00014	-70.00	30.00	0.00015
-60.00	30.00	0.00016	-50.00	30.00	0.00017
-40.00	30.00	0.00018	-30.00	30.00	0.00020
-25.00	30.00	0.00022	-20.00	30.00	0.00024
-17.00	30.00	0.00025	-15.00	30.00	0.00026
-13.00	30.00	0.00027	-11.00	30.00	0.00028
-9.00	30.00	0.00029	9.00	30.00	0.00036
11.00	30.00	0.00036	13.00	30.00	0.00037
15.00	30.00	0.00038	17.00	30.00	0.00039
20.00	30.00	0.00040	25.00	30.00	0.00043
30.00	30.00	0.00046	40.00	30.00	0.00051
50.00	30.00	0.00056	60.00	30.00	0.00060
70.00	30.00	0.00063	80.00	30.00	0.00066
90.00	30.00	0.00068	100.00	30.00	0.00069
-100.00	40.00	0.00014	-90.00	40.00	0.00015
-80.00	40.00	0.00016	-70.00	40.00	0.00017
-60.00	40.00	0.00018	-50.00	40.00	0.00019
-40.00	40.00	0.00020	-30.00	40.00	0.00022
-25.00	40.00	0.00024	-20.00	40.00	0.00026

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00028	-15.00	40.00	0.00029
-13.00	40.00	0.00030	-11.00	40.00	0.00031
-9.00	40.00	0.00032	9.00	40.00	0.00041
11.00	40.00	0.00042	13.00	40.00	0.00043
15.00	40.00	0.00044	17.00	40.00	0.00045
20.00	40.00	0.00047	25.00	40.00	0.00050
30.00	40.00	0.00053	40.00	40.00	0.00060
50.00	40.00	0.00066	60.00	40.00	0.00070
70.00	40.00	0.00074	80.00	40.00	0.00077
90.00	40.00	0.00079	100.00	40.00	0.00080
-100.00	50.00	0.00015	-90.00	50.00	0.00016
-80.00	50.00	0.00017	-70.00	50.00	0.00019
-60.00	50.00	0.00020	-50.00	50.00	0.00021
-40.00	50.00	0.00023	-30.00	50.00	0.00025
-25.00	50.00	0.00027	-20.00	50.00	0.00029
-17.00	50.00	0.00031	-15.00	50.00	0.00032
-13.00	50.00	0.00034	-11.00	50.00	0.00035
-9.00	50.00	0.00036	9.00	50.00	0.00047
11.00	50.00	0.00048	13.00	50.00	0.00050
15.00	50.00	0.00051	17.00	50.00	0.00052
20.00	50.00	0.00055	25.00	50.00	0.00059
30.00	50.00	0.00063	40.00	50.00	0.00071
50.00	50.00	0.00078	60.00	50.00	0.00083
70.00	50.00	0.00087	80.00	50.00	0.00090
90.00	50.00	0.00092	100.00	50.00	0.00093
-100.00	60.00	0.00016	-90.00	60.00	0.00017
-80.00	60.00	0.00019	-70.00	60.00	0.00020
-60.00	60.00	0.00022	-50.00	60.00	0.00024
-40.00	60.00	0.00025	-30.00	60.00	0.00028
-25.00	60.00	0.00030	-20.00	60.00	0.00032
-17.00	60.00	0.00034	-15.00	60.00	0.00036
-13.00	60.00	0.00038	-11.00	60.00	0.00039
-9.00	60.00	0.00041	9.00	60.00	0.00055
11.00	60.00	0.00057	13.00	60.00	0.00058
15.00	60.00	0.00060	17.00	60.00	0.00062
20.00	60.00	0.00065	25.00	60.00	0.00071
30.00	60.00	0.00076	40.00	60.00	0.00086
50.00	60.00	0.00094	60.00	60.00	0.00100
70.00	60.00	0.00104	80.00	60.00	0.00107

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00 60.00 0.00108 100.00 60.00 0.00107

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00017	-90.00	70.00	0.00019
-80.00	70.00	0.00021	-70.00	70.00	0.00023
-60.00	70.00	0.00025	-50.00	70.00	0.00027
-40.00	70.00	0.00029	-30.00	70.00	0.00031
-25.00	70.00	0.00033	-20.00	70.00	0.00036
-17.00	70.00	0.00039	-15.00	70.00	0.00040
-13.00	70.00	0.00042	-11.00	70.00	0.00045
-9.00	70.00	0.00047	9.00	70.00	0.00065
11.00	70.00	0.00068	13.00	70.00	0.00070
15.00	70.00	0.00073	17.00	70.00	0.00075
20.00	70.00	0.00079	25.00	70.00	0.00087
30.00	70.00	0.00094	40.00	70.00	0.00105
50.00	70.00	0.00115	60.00	70.00	0.00122
70.00	70.00	0.00126	80.00	70.00	0.00128
90.00	70.00	0.00127	100.00	70.00	0.00123
-100.00	80.00	0.00018	-90.00	80.00	0.00020
-80.00	80.00	0.00023	-70.00	80.00	0.00025
-60.00	80.00	0.00028	-50.00	80.00	0.00030
-40.00	80.00	0.00033	-30.00	80.00	0.00036
-25.00	80.00	0.00038	-20.00	80.00	0.00041
-17.00	80.00	0.00043	-15.00	80.00	0.00046
-13.00	80.00	0.00048	-11.00	80.00	0.00051
-9.00	80.00	0.00054	9.00	80.00	0.00079
11.00	80.00	0.00082	13.00	80.00	0.00085
15.00	80.00	0.00089	17.00	80.00	0.00093
20.00	80.00	0.00099	25.00	80.00	0.00108
30.00	80.00	0.00117	40.00	80.00	0.00132
50.00	80.00	0.00143	60.00	80.00	0.00151
70.00	80.00	0.00154	80.00	80.00	0.00152
90.00	80.00	0.00147	100.00	80.00	0.00140
-100.00	90.00	0.00019	-90.00	90.00	0.00021
-80.00	90.00	0.00024	-70.00	90.00	0.00027
-60.00	90.00	0.00031	-50.00	90.00	0.00034

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	90.00	0.00037	-30.00	90.00	0.00041
-25.00	90.00	0.00044	-20.00	90.00	0.00047
-17.00	90.00	0.00049	-15.00	90.00	0.00052
-13.00	90.00	0.00054	-11.00	90.00	0.00058
-9.00	90.00	0.00061	9.00	90.00	0.00097
11.00	90.00	0.00101	13.00	90.00	0.00107
15.00	90.00	0.00112	17.00	90.00	0.00117

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00126	25.00	90.00	0.00139
30.00	90.00	0.00150	40.00	90.00	0.00170
50.00	90.00	0.00183	60.00	90.00	0.00188
70.00	90.00	0.00186	80.00	90.00	0.00178
90.00	90.00	0.00167	100.00	90.00	0.00155
-100.00	100.00	0.00019	-90.00	100.00	0.00022
-80.00	100.00	0.00025	-70.00	100.00	0.00029
-60.00	100.00	0.00034	-50.00	100.00	0.00038
-40.00	100.00	0.00043	-30.00	100.00	0.00048
-25.00	100.00	0.00050	-20.00	100.00	0.00054
-17.00	100.00	0.00057	-15.00	100.00	0.00059
-13.00	100.00	0.00062	-11.00	100.00	0.00066
-9.00	100.00	0.00070	9.00	100.00	0.00122
11.00	100.00	0.00130	13.00	100.00	0.00137
15.00	100.00	0.00145	17.00	100.00	0.00154
20.00	100.00	0.00165	25.00	100.00	0.00184
30.00	100.00	0.00200	40.00	100.00	0.00225
50.00	100.00	0.00235	60.00	100.00	0.00232
70.00	100.00	0.00220	80.00	100.00	0.00203
90.00	100.00	0.00185	100.00	100.00	0.00167
-100.00	110.00	0.00020	-90.00	110.00	0.00023
-80.00	110.00	0.00027	-70.00	110.00	0.00031
-60.00	110.00	0.00036	-50.00	110.00	0.00042
-40.00	110.00	0.00048	-30.00	110.00	0.00055
-25.00	110.00	0.00058	-20.00	110.00	0.00063
-17.00	110.00	0.00066	-15.00	110.00	0.00068
-13.00	110.00	0.00072	-11.00	110.00	0.00076

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	110.00	0.00081	9.00	110.00	0.00161
11.00	110.00	0.00173	13.00	110.00	0.00186
15.00	110.00	0.00198	17.00	110.00	0.00211
20.00	110.00	0.00230	25.00	110.00	0.00258
30.00	110.00	0.00280	40.00	110.00	0.00301
50.00	110.00	0.00295	60.00	110.00	0.00275
70.00	110.00	0.00249	80.00	110.00	0.00223
90.00	110.00	0.00199	100.00	110.00	0.00176
-100.00	120.00	0.00021	-90.00	120.00	0.00024
-80.00	120.00	0.00028	-70.00	120.00	0.00033
-60.00	120.00	0.00038	-50.00	120.00	0.00045
-40.00	120.00	0.00053	-30.00	120.00	0.00062
-25.00	120.00	0.00067	-20.00	120.00	0.00073

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_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	0.00077	-15.00	120.00	0.00080
-13.00	120.00	0.00083	-11.00	120.00	0.00088
-9.00	120.00	0.00093	9.00	120.00	0.00229
11.00	120.00	0.00253	13.00	120.00	0.00276
15.00	120.00	0.00298	17.00	120.00	0.00320
20.00	120.00	0.00347	25.00	120.00	0.00379
30.00	120.00	0.00391	40.00	120.00	0.00381
50.00	120.00	0.00348	60.00	120.00	0.00310
70.00	120.00	0.00272	80.00	120.00	0.00238
90.00	120.00	0.00207	100.00	120.00	0.00180
-100.00	130.00	0.00022	-90.00	130.00	0.00026
-80.00	130.00	0.00030	-70.00	130.00	0.00035
-60.00	130.00	0.00042	-50.00	130.00	0.00049
-40.00	130.00	0.00058	-30.00	130.00	0.00068
-25.00	130.00	0.00074	-20.00	130.00	0.00081
-17.00	130.00	0.00086	-15.00	130.00	0.00091
-13.00	130.00	0.00096	-11.00	130.00	0.00103
-9.00	130.00	0.00111	9.00	130.00	0.00410
11.00	130.00	0.00444	13.00	130.00	0.00469
15.00	130.00	0.00486	17.00	130.00	0.00498
20.00	130.00	0.00507	25.00	130.00	0.00506

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	130.00	0.00491	40.00	130.00	0.00441
50.00	130.00	0.00385	60.00	130.00	0.00333
70.00	130.00	0.00286	80.00	130.00	0.00245
90.00	130.00	0.00209	100.00	130.00	0.00179
-100.00	140.00	0.00023	-90.00	140.00	0.00027
-80.00	140.00	0.00032	-70.00	140.00	0.00038
-60.00	140.00	0.00045	-50.00	140.00	0.00054
-40.00	140.00	0.00065	-30.00	140.00	0.00079
-25.00	140.00	0.00087	-20.00	140.00	0.00096
-17.00	140.00	0.00104	-15.00	140.00	0.00110
-13.00	140.00	0.00117	-11.00	140.00	0.00127
-9.00	140.00	0.00141	9.00	140.00	0.00574
11.00	140.00	0.00583	13.00	140.00	0.00590
15.00	140.00	0.00594	17.00	140.00	0.00595
20.00	140.00	0.00590	25.00	140.00	0.00570
30.00	140.00	0.00541	40.00	140.00	0.00472
50.00	140.00	0.00403	60.00	140.00	0.00341
70.00	140.00	0.00288	80.00	140.00	0.00243
90.00	140.00	0.00205	100.00	140.00	0.00173

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

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

09:52:50  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00025	-90.00	150.00	0.00029
-80.00	150.00	0.00035	-70.00	150.00	0.00042
-60.00	150.00	0.00050	-50.00	150.00	0.00061
-40.00	150.00	0.00076	-30.00	150.00	0.00094
-25.00	150.00	0.00105	-20.00	150.00	0.00119
-17.00	150.00	0.00130	-15.00	150.00	0.00138
-13.00	150.00	0.00148	-11.00	150.00	0.00161
-9.00	150.00	0.00177	9.00	150.00	0.00589
11.00	150.00	0.00598	13.00	150.00	0.00605
15.00	150.00	0.00609	17.00	150.00	0.00610
20.00	150.00	0.00605	25.00	150.00	0.00583
30.00	150.00	0.00551	40.00	150.00	0.00476
50.00	150.00	0.00402	60.00	150.00	0.00336
70.00	150.00	0.00279	80.00	150.00	0.00232
90.00	150.00	0.00193	100.00	150.00	0.00161

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	160.00	0.00026	-90.00	160.00	0.00031
-80.00	160.00	0.00037	-70.00	160.00	0.00045
-60.00	160.00	0.00056	-50.00	160.00	0.00069
-40.00	160.00	0.00086	-30.00	160.00	0.00109
-25.00	160.00	0.00123	-20.00	160.00	0.00139
-17.00	160.00	0.00151	-15.00	160.00	0.00159
-13.00	160.00	0.00169	-11.00	160.00	0.00180
-9.00	160.00	0.00194	9.00	160.00	0.00590
11.00	160.00	0.00598	13.00	160.00	0.00604
15.00	160.00	0.00607	17.00	160.00	0.00607
20.00	160.00	0.00600	25.00	160.00	0.00576
30.00	160.00	0.00542	40.00	160.00	0.00464
50.00	160.00	0.00387	60.00	160.00	0.00319
70.00	160.00	0.00261	80.00	160.00	0.00213
90.00	160.00	0.00175	100.00	160.00	0.00145
-100.00	170.00	0.00029	-90.00	170.00	0.00034
-80.00	170.00	0.00040	-70.00	170.00	0.00049
-60.00	170.00	0.00060	-50.00	170.00	0.00075
-40.00	170.00	0.00094	-30.00	170.00	0.00119
-25.00	170.00	0.00134	-20.00	170.00	0.00151
-17.00	170.00	0.00162	-15.00	170.00	0.00169
-13.00	170.00	0.00177	-11.00	170.00	0.00187
-9.00	170.00	0.00198	9.00	170.00	0.00583
11.00	170.00	0.00589	13.00	170.00	0.00595
15.00	170.00	0.00596	17.00	170.00	0.00594

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\_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	0.00585	25.00	170.00	0.00558
30.00	170.00	0.00522	40.00	170.00	0.00440
50.00	170.00	0.00360	60.00	170.00	0.00290
70.00	170.00	0.00233	80.00	170.00	0.00188
90.00	170.00	0.00153	100.00	170.00	0.00126
-100.00	180.00	0.00031	-90.00	180.00	0.00036
-80.00	180.00	0.00043	-70.00	180.00	0.00052
-60.00	180.00	0.00063	-50.00	180.00	0.00079
-40.00	180.00	0.00100	-30.00	180.00	0.00125

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	180.00	0.00139	-20.00	180.00	0.00155
-17.00	180.00	0.00164	-15.00	180.00	0.00171
-13.00	180.00	0.00178	-11.00	180.00	0.00186
-9.00	180.00	0.00197	9.00	180.00	0.00567
11.00	180.00	0.00572	13.00	180.00	0.00576
15.00	180.00	0.00575	17.00	180.00	0.00572
20.00	180.00	0.00560	25.00	180.00	0.00529
30.00	180.00	0.00489	40.00	180.00	0.00401
50.00	180.00	0.00318	60.00	180.00	0.00250
70.00	180.00	0.00197	80.00	180.00	0.00158
90.00	180.00	0.00128	100.00	180.00	0.00106
-100.00	190.00	0.00033	-90.00	190.00	0.00038
-80.00	190.00	0.00045	-70.00	190.00	0.00054
-60.00	190.00	0.00066	-50.00	190.00	0.00082
-40.00	190.00	0.00101	-30.00	190.00	0.00126
-25.00	190.00	0.00139	-20.00	190.00	0.00153
-17.00	190.00	0.00161	-15.00	190.00	0.00167
-13.00	190.00	0.00174	-11.00	190.00	0.00181
-9.00	190.00	0.00190	9.00	190.00	0.00542
11.00	190.00	0.00544	13.00	190.00	0.00545
15.00	190.00	0.00542	17.00	190.00	0.00536
20.00	190.00	0.00520	25.00	190.00	0.00483
30.00	190.00	0.00437	40.00	190.00	0.00342
50.00	190.00	0.00262	60.00	190.00	0.00201
70.00	190.00	0.00158	80.00	190.00	0.00127
90.00	190.00	0.00104	100.00	190.00	0.00087
-100.00	200.00	0.00034	-90.00	200.00	0.00040
-80.00	200.00	0.00047	-70.00	200.00	0.00057
-60.00	200.00	0.00068	-50.00	200.00	0.00083
-40.00	200.00	0.00101	-30.00	200.00	0.00122
-25.00	200.00	0.00134	-20.00	200.00	0.00146

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 09:52:50 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00154	-15.00	200.00	0.00160
-13.00	200.00	0.00166	-11.00	200.00	0.00172
-9.00	200.00	0.00180	9.00	200.00	0.00502

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	200.00	0.00499	13.00	200.00	0.00494
15.00	200.00	0.00487	17.00	200.00	0.00476
20.00	200.00	0.00454	25.00	200.00	0.00406
30.00	200.00	0.00354	40.00	200.00	0.00262
50.00	200.00	0.00196	60.00	200.00	0.00151
70.00	200.00	0.00121	80.00	200.00	0.00099
90.00	200.00	0.00082	100.00	200.00	0.00070
-100.00	210.00	0.00035	-90.00	210.00	0.00041
-80.00	210.00	0.00048	-70.00	210.00	0.00057
-60.00	210.00	0.00069	-50.00	210.00	0.00083
-40.00	210.00	0.00099	-30.00	210.00	0.00117
-25.00	210.00	0.00127	-20.00	210.00	0.00137
-17.00	210.00	0.00144	-15.00	210.00	0.00149
-13.00	210.00	0.00154	-11.00	210.00	0.00160
-9.00	210.00	0.00167	9.00	210.00	0.00430
11.00	210.00	0.00416	13.00	210.00	0.00401
15.00	210.00	0.00383	17.00	210.00	0.00363
20.00	210.00	0.00331	25.00	210.00	0.00280
30.00	210.00	0.00237	40.00	210.00	0.00175
50.00	210.00	0.00134	60.00	210.00	0.00107
70.00	210.00	0.00088	80.00	210.00	0.00074
90.00	210.00	0.00063	100.00	210.00	0.00054
-100.00	220.00	0.00035	-90.00	220.00	0.00041
-80.00	220.00	0.00048	-70.00	220.00	0.00057
-60.00	220.00	0.00067	-50.00	220.00	0.00080
-40.00	220.00	0.00095	-30.00	220.00	0.00111
-25.00	220.00	0.00119	-20.00	220.00	0.00127
-17.00	220.00	0.00132	-15.00	220.00	0.00136
-13.00	220.00	0.00139	-11.00	220.00	0.00143
-9.00	220.00	0.00147	9.00	220.00	0.00244
11.00	220.00	0.00220	13.00	220.00	0.00202
15.00	220.00	0.00189	17.00	220.00	0.00178
20.00	220.00	0.00165	25.00	220.00	0.00146
30.00	220.00	0.00130	40.00	220.00	0.00104
50.00	220.00	0.00086	60.00	220.00	0.00072
70.00	220.00	0.00061	80.00	220.00	0.00053
90.00	220.00	0.00047	100.00	220.00	0.00041

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	230.00	0.00035	-90.00	230.00	0.00040	
-80.00	230.00	0.00047	-70.00	230.00	0.00055	
-60.00	230.00	0.00064	-50.00	230.00	0.00075	
-40.00	230.00	0.00087	-30.00	230.00	0.00099	
-25.00	230.00	0.00105	-20.00	230.00	0.00110	
-17.00	230.00	0.00113	-15.00	230.00	0.00114	
-13.00	230.00	0.00115	-11.00	230.00	0.00115	
-9.00	230.00	0.00113	9.00	230.00	0.00073	
11.00	230.00	0.00073	13.00	230.00	0.00073	
15.00	230.00	0.00073	17.00	230.00	0.00073	
20.00	230.00	0.00073	25.00	230.00	0.00071	
30.00	230.00	0.00068	40.00	230.00	0.00061	
50.00	230.00	0.00054	60.00	230.00	0.00048	
70.00	230.00	0.00043	80.00	230.00	0.00038	
90.00	230.00	0.00035	100.00	230.00	0.00031	
-100.00	240.00	0.00034	-90.00	240.00	0.00039	
-80.00	240.00	0.00044	-70.00	240.00	0.00051	
-60.00	240.00	0.00058	-50.00	240.00	0.00067	
-40.00	240.00	0.00074	-30.00	240.00	0.00081	
-25.00	240.00	0.00083	-20.00	240.00	0.00084	
-17.00	240.00	0.00083	-15.00	240.00	0.00081	
-13.00	240.00	0.00079	-11.00	240.00	0.00076	
-9.00	240.00	0.00072	9.00	240.00	0.00048	
11.00	240.00	0.00048	13.00	240.00	0.00048	
15.00	240.00	0.00047	17.00	240.00	0.00047	
20.00	240.00	0.00046	25.00	240.00	0.00044	
30.00	240.00	0.00043	40.00	240.00	0.00039	
50.00	240.00	0.00036	60.00	240.00	0.00033	
70.00	240.00	0.00031	80.00	240.00	0.00028	
90.00	240.00	0.00026	100.00	240.00	0.00024	
-100.00	250.00	0.00032	-90.00	250.00	0.00036	
-80.00	250.00	0.00041	-70.00	250.00	0.00046	
-60.00	250.00	0.00051	-50.00	250.00	0.00057	
-40.00	250.00	0.00061	-30.00	250.00	0.00063	
-25.00	250.00	0.00062	-20.00	250.00	0.00059	
-17.00	250.00	0.00057	-15.00	250.00	0.00055	
-13.00	250.00	0.00053	-11.00	250.00	0.00050	
-9.00	250.00	0.00048	9.00	250.00	0.00035	
11.00	250.00	0.00035	13.00	250.00	0.00035	
15.00	250.00	0.00035	17.00	250.00	0.00035	

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\_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	0.00034	25.00	250.00	0.00033
30.00	250.00	0.00032	40.00	250.00	0.00029
50.00	250.00	0.00027	60.00	250.00	0.00025
70.00	250.00	0.00023	80.00	250.00	0.00021
90.00	250.00	0.00020	100.00	250.00	0.00019

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

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00004	-90.00	-250.00	0.00004
-80.00	-250.00	0.00004	-70.00	-250.00	0.00004
-60.00	-250.00	0.00005	-50.00	-250.00	0.00005
-40.00	-250.00	0.00006	-30.00	-250.00	0.00006
-25.00	-250.00	0.00006	-20.00	-250.00	0.00006
-17.00	-250.00	0.00007	-15.00	-250.00	0.00007
-13.00	-250.00	0.00007	-11.00	-250.00	0.00007
-9.00	-250.00	0.00007	9.00	-250.00	0.00007
11.00	-250.00	0.00007	13.00	-250.00	0.00008
15.00	-250.00	0.00008	17.00	-250.00	0.00008
20.00	-250.00	0.00008	25.00	-250.00	0.00008
30.00	-250.00	0.00008	40.00	-250.00	0.00008
50.00	-250.00	0.00009	60.00	-250.00	0.00009
70.00	-250.00	0.00010	80.00	-250.00	0.00010
90.00	-250.00	0.00011	100.00	-250.00	0.00011
-100.00	-240.00	0.00004	-90.00	-240.00	0.00004
-80.00	-240.00	0.00004	-70.00	-240.00	0.00005
-60.00	-240.00	0.00005	-50.00	-240.00	0.00005
-40.00	-240.00	0.00006	-30.00	-240.00	0.00006
-25.00	-240.00	0.00007	-20.00	-240.00	0.00007

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00009	25.00	-230.00	0.00009
30.00	-230.00	0.00009	40.00	-230.00	0.00010
50.00	-230.00	0.00010	60.00	-230.00	0.00011
70.00	-230.00	0.00011	80.00	-230.00	0.00012
90.00	-230.00	0.00012	100.00	-230.00	0.00013
-100.00	-220.00	0.00005	-90.00	-220.00	0.00005
-80.00	-220.00	0.00005	-70.00	-220.00	0.00005
-60.00	-220.00	0.00005	-50.00	-220.00	0.00006
-40.00	-220.00	0.00006	-30.00	-220.00	0.00007
-25.00	-220.00	0.00007	-20.00	-220.00	0.00008
-17.00	-220.00	0.00008	-15.00	-220.00	0.00008
-13.00	-220.00	0.00008	-11.00	-220.00	0.00008
-9.00	-220.00	0.00008	9.00	-220.00	0.00009
11.00	-220.00	0.00009	13.00	-220.00	0.00009

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-220.00	0.00009	17.00	-220.00	0.00009
20.00	-220.00	0.00009	25.00	-220.00	0.00009
30.00	-220.00	0.00010	40.00	-220.00	0.00010
50.00	-220.00	0.00011	60.00	-220.00	0.00011
70.00	-220.00	0.00012	80.00	-220.00	0.00013
90.00	-220.00	0.00013	100.00	-220.00	0.00014
-100.00	-210.00	0.00005	-90.00	-210.00	0.00005
-80.00	-210.00	0.00005	-70.00	-210.00	0.00005
-60.00	-210.00	0.00006	-50.00	-210.00	0.00006
-40.00	-210.00	0.00007	-30.00	-210.00	0.00007
-25.00	-210.00	0.00008	-20.00	-210.00	0.00008
-17.00	-210.00	0.00008	-15.00	-210.00	0.00008
-13.00	-210.00	0.00008	-11.00	-210.00	0.00008
-9.00	-210.00	0.00009	9.00	-210.00	0.00009
11.00	-210.00	0.00009	13.00	-210.00	0.00010
15.00	-210.00	0.00010	17.00	-210.00	0.00010
20.00	-210.00	0.00010	25.00	-210.00	0.00010
30.00	-210.00	0.00010	40.00	-210.00	0.00011
50.00	-210.00	0.00012	60.00	-210.00	0.00012
70.00	-210.00	0.00013	80.00	-210.00	0.00014
90.00	-210.00	0.00014	100.00	-210.00	0.00015
-100.00	-200.00	0.00005	-90.00	-200.00	0.00005
-80.00	-200.00	0.00005	-70.00	-200.00	0.00006
-60.00	-200.00	0.00006	-50.00	-200.00	0.00006
-40.00	-200.00	0.00007	-30.00	-200.00	0.00008
-25.00	-200.00	0.00008	-20.00	-200.00	0.00008

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

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

09:52:50

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00009	-15.00	-200.00	0.00009
-13.00	-200.00	0.00009	-11.00	-200.00	0.00009
-9.00	-200.00	0.00009	9.00	-200.00	0.00010
11.00	-200.00	0.00010	13.00	-200.00	0.00010
15.00	-200.00	0.00010	17.00	-200.00	0.00010
20.00	-200.00	0.00011	25.00	-200.00	0.00011
30.00	-200.00	0.00011	40.00	-200.00	0.00012
50.00	-200.00	0.00012	60.00	-200.00	0.00013

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-200.00	0.00014	80.00	-200.00	0.00015
90.00	-200.00	0.00016	100.00	-200.00	0.00016
-100.00	-190.00	0.00005	-90.00	-190.00	0.00005
-80.00	-190.00	0.00006	-70.00	-190.00	0.00006
-60.00	-190.00	0.00006	-50.00	-190.00	0.00007
-40.00	-190.00	0.00007	-30.00	-190.00	0.00008
-25.00	-190.00	0.00009	-20.00	-190.00	0.00009
-17.00	-190.00	0.00009	-15.00	-190.00	0.00009
-13.00	-190.00	0.00009	-11.00	-190.00	0.00010
-9.00	-190.00	0.00010	9.00	-190.00	0.00011
11.00	-190.00	0.00011	13.00	-190.00	0.00011
15.00	-190.00	0.00011	17.00	-190.00	0.00011
20.00	-190.00	0.00011	25.00	-190.00	0.00012
30.00	-190.00	0.00012	40.00	-190.00	0.00013
50.00	-190.00	0.00013	60.00	-190.00	0.00014
70.00	-190.00	0.00015	80.00	-190.00	0.00016
90.00	-190.00	0.00017	100.00	-190.00	0.00018
-100.00	-180.00	0.00006	-90.00	-180.00	0.00006
-80.00	-180.00	0.00006	-70.00	-180.00	0.00006
-60.00	-180.00	0.00007	-50.00	-180.00	0.00007
-40.00	-180.00	0.00008	-30.00	-180.00	0.00009
-25.00	-180.00	0.00009	-20.00	-180.00	0.00010
-17.00	-180.00	0.00010	-15.00	-180.00	0.00010
-13.00	-180.00	0.00010	-11.00	-180.00	0.00010
-9.00	-180.00	0.00010	9.00	-180.00	0.00011
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	0.00013	40.00	-180.00	0.00014
50.00	-180.00	0.00015	60.00	-180.00	0.00016
70.00	-180.00	0.00017	80.00	-180.00	0.00017
90.00	-180.00	0.00018	100.00	-180.00	0.00019

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

04/20/08

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

09:52:50

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-170.00	0.00007	-50.00	-170.00	0.00008
-40.00	-170.00	0.00008	-30.00	-170.00	0.00009
-25.00	-170.00	0.00010	-20.00	-170.00	0.00010
-17.00	-170.00	0.00010	-15.00	-170.00	0.00011
-13.00	-170.00	0.00011	-11.00	-170.00	0.00011
-9.00	-170.00	0.00011	9.00	-170.00	0.00012
11.00	-170.00	0.00012	13.00	-170.00	0.00013
15.00	-170.00	0.00013	17.00	-170.00	0.00013
20.00	-170.00	0.00013	25.00	-170.00	0.00013
30.00	-170.00	0.00014	40.00	-170.00	0.00015
50.00	-170.00	0.00016	60.00	-170.00	0.00017
70.00	-170.00	0.00018	80.00	-170.00	0.00019
90.00	-170.00	0.00020	100.00	-170.00	0.00021
-100.00	-160.00	0.00006	-90.00	-160.00	0.00007
-80.00	-160.00	0.00007	-70.00	-160.00	0.00007
-60.00	-160.00	0.00007	-50.00	-160.00	0.00008
-40.00	-160.00	0.00009	-30.00	-160.00	0.00010
-25.00	-160.00	0.00010	-20.00	-160.00	0.00011
-17.00	-160.00	0.00011	-15.00	-160.00	0.00011
-13.00	-160.00	0.00011	-11.00	-160.00	0.00012
-9.00	-160.00	0.00012	9.00	-160.00	0.00013
11.00	-160.00	0.00013	13.00	-160.00	0.00014
15.00	-160.00	0.00014	17.00	-160.00	0.00014
20.00	-160.00	0.00014	25.00	-160.00	0.00015
30.00	-160.00	0.00015	40.00	-160.00	0.00016
50.00	-160.00	0.00017	60.00	-160.00	0.00018
70.00	-160.00	0.00020	80.00	-160.00	0.00021
90.00	-160.00	0.00022	100.00	-160.00	0.00023
-100.00	-150.00	0.00007	-90.00	-150.00	0.00007
-80.00	-150.00	0.00007	-70.00	-150.00	0.00007
-60.00	-150.00	0.00008	-50.00	-150.00	0.00008
-40.00	-150.00	0.00009	-30.00	-150.00	0.00010
-25.00	-150.00	0.00011	-20.00	-150.00	0.00012
-17.00	-150.00	0.00012	-15.00	-150.00	0.00012
-13.00	-150.00	0.00012	-11.00	-150.00	0.00013
-9.00	-150.00	0.00013	9.00	-150.00	0.00014
11.00	-150.00	0.00015	13.00	-150.00	0.00015
15.00	-150.00	0.00015	17.00	-150.00	0.00015

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

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

09:52:50  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

01NCRA PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00015	25.00	-150.00	0.00016	
30.00	-150.00	0.00016	40.00	-150.00	0.00018	
50.00	-150.00	0.00019	60.00	-150.00	0.00020	
70.00	-150.00	0.00022	80.00	-150.00	0.00023	
90.00	-150.00	0.00024	100.00	-150.00	0.00025	
-100.00	-140.00	0.00007	-90.00	-140.00	0.00007	
-80.00	-140.00	0.00008	-70.00	-140.00	0.00008	
-60.00	-140.00	0.00008	-50.00	-140.00	0.00009	
-40.00	-140.00	0.00010	-30.00	-140.00	0.00011	
-25.00	-140.00	0.00012	-20.00	-140.00	0.00012	
-17.00	-140.00	0.00013	-15.00	-140.00	0.00013	
-13.00	-140.00	0.00013	-11.00	-140.00	0.00014	
-9.00	-140.00	0.00014	9.00	-140.00	0.00016	
11.00	-140.00	0.00016	13.00	-140.00	0.00016	
15.00	-140.00	0.00016	17.00	-140.00	0.00016	
20.00	-140.00	0.00017	25.00	-140.00	0.00017	
30.00	-140.00	0.00018	40.00	-140.00	0.00019	
50.00	-140.00	0.00021	60.00	-140.00	0.00022	
70.00	-140.00	0.00024	80.00	-140.00	0.00025	
90.00	-140.00	0.00026	100.00	-140.00	0.00027	
-100.00	-130.00	0.00008	-90.00	-130.00	0.00008	
-80.00	-130.00	0.00008	-70.00	-130.00	0.00009	
-60.00	-130.00	0.00009	-50.00	-130.00	0.00010	
-40.00	-130.00	0.00010	-30.00	-130.00	0.00012	
-25.00	-130.00	0.00013	-20.00	-130.00	0.00013	
-17.00	-130.00	0.00014	-15.00	-130.00	0.00014	
-13.00	-130.00	0.00014	-11.00	-130.00	0.00015	
-9.00	-130.00	0.00015	9.00	-130.00	0.00017	
11.00	-130.00	0.00017	13.00	-130.00	0.00017	
15.00	-130.00	0.00018	17.00	-130.00	0.00018	
20.00	-130.00	0.00018	25.00	-130.00	0.00019	
30.00	-130.00	0.00020	40.00	-130.00	0.00021	
50.00	-130.00	0.00023	60.00	-130.00	0.00025	
70.00	-130.00	0.00026	80.00	-130.00	0.00028	
90.00	-130.00	0.00029	100.00	-130.00	0.00030	
-100.00	-120.00	0.00008	-90.00	-120.00	0.00009	
-80.00	-120.00	0.00009	-70.00	-120.00	0.00009	
-60.00	-120.00	0.00010	-50.00	-120.00	0.00010	
-40.00	-120.00	0.00011	-30.00	-120.00	0.00013	
-25.00	-120.00	0.00013	-20.00	-120.00	0.00014	

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\*  
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\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* 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	0.00015	-15.00	-120.00	0.00015
-13.00	-120.00	0.00015	-11.00	-120.00	0.00016
-9.00	-120.00	0.00016	9.00	-120.00	0.00019
11.00	-120.00	0.00019	13.00	-120.00	0.00019
15.00	-120.00	0.00019	17.00	-120.00	0.00020
20.00	-120.00	0.00020	25.00	-120.00	0.00021
30.00	-120.00	0.00022	40.00	-120.00	0.00024
50.00	-120.00	0.00026	60.00	-120.00	0.00028
70.00	-120.00	0.00029	80.00	-120.00	0.00031
90.00	-120.00	0.00032	100.00	-120.00	0.00033
-100.00	-110.00	0.00009	-90.00	-110.00	0.00009
-80.00	-110.00	0.00010	-70.00	-110.00	0.00010
-60.00	-110.00	0.00010	-50.00	-110.00	0.00011
-40.00	-110.00	0.00012	-30.00	-110.00	0.00014
-25.00	-110.00	0.00014	-20.00	-110.00	0.00015
-17.00	-110.00	0.00016	-15.00	-110.00	0.00016
-13.00	-110.00	0.00017	-11.00	-110.00	0.00017
-9.00	-110.00	0.00018	9.00	-110.00	0.00020
11.00	-110.00	0.00021	13.00	-110.00	0.00021
15.00	-110.00	0.00021	17.00	-110.00	0.00022
20.00	-110.00	0.00022	25.00	-110.00	0.00023
30.00	-110.00	0.00024	40.00	-110.00	0.00026
50.00	-110.00	0.00029	60.00	-110.00	0.00031
70.00	-110.00	0.00033	80.00	-110.00	0.00035
90.00	-110.00	0.00036	100.00	-110.00	0.00037
-100.00	-100.00	0.00009	-90.00	-100.00	0.00010
-80.00	-100.00	0.00010	-70.00	-100.00	0.00011
-60.00	-100.00	0.00011	-50.00	-100.00	0.00012
-40.00	-100.00	0.00013	-30.00	-100.00	0.00015
-25.00	-100.00	0.00016	-20.00	-100.00	0.00017
-17.00	-100.00	0.00017	-15.00	-100.00	0.00018
-13.00	-100.00	0.00018	-11.00	-100.00	0.00019
-9.00	-100.00	0.00019	9.00	-100.00	0.00023
11.00	-100.00	0.00023	13.00	-100.00	0.00023



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-100.00	0.00024	17.00	-100.00	0.00024
20.00	-100.00	0.00025	25.00	-100.00	0.00026
30.00	-100.00	0.00027	40.00	-100.00	0.00030
50.00	-100.00	0.00032	60.00	-100.00	0.00035
70.00	-100.00	0.00037	80.00	-100.00	0.00039
90.00	-100.00	0.00040	100.00	-100.00	0.00041

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\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00010	-90.00	-90.00	0.00011
-80.00	-90.00	0.00011	-70.00	-90.00	0.00012
-60.00	-90.00	0.00012	-50.00	-90.00	0.00013
-40.00	-90.00	0.00014	-30.00	-90.00	0.00016
-25.00	-90.00	0.00017	-20.00	-90.00	0.00018
-17.00	-90.00	0.00019	-15.00	-90.00	0.00020
-13.00	-90.00	0.00020	-11.00	-90.00	0.00021
-9.00	-90.00	0.00021	9.00	-90.00	0.00025
11.00	-90.00	0.00025	13.00	-90.00	0.00026
15.00	-90.00	0.00026	17.00	-90.00	0.00027
20.00	-90.00	0.00027	25.00	-90.00	0.00029
30.00	-90.00	0.00030	40.00	-90.00	0.00033
50.00	-90.00	0.00037	60.00	-90.00	0.00039
70.00	-90.00	0.00042	80.00	-90.00	0.00044
90.00	-90.00	0.00045	100.00	-90.00	0.00047
-100.00	-80.00	0.00011	-90.00	-80.00	0.00012
-80.00	-80.00	0.00012	-70.00	-80.00	0.00013
-60.00	-80.00	0.00013	-50.00	-80.00	0.00014
-40.00	-80.00	0.00015	-30.00	-80.00	0.00017
-25.00	-80.00	0.00018	-20.00	-80.00	0.00020
-17.00	-80.00	0.00021	-15.00	-80.00	0.00021
-13.00	-80.00	0.00022	-11.00	-80.00	0.00023
-9.00	-80.00	0.00023	9.00	-80.00	0.00028
11.00	-80.00	0.00028	13.00	-80.00	0.00029
15.00	-80.00	0.00029	17.00	-80.00	0.00030
20.00	-80.00	0.00031	25.00	-80.00	0.00033
30.00	-80.00	0.00034	40.00	-80.00	0.00038
50.00	-80.00	0.00042	60.00	-80.00	0.00045

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-80.00	0.00048	80.00	-80.00	0.00050
90.00	-80.00	0.00051	100.00	-80.00	0.00053
-100.00	-70.00	0.00012	-90.00	-70.00	0.00012
-80.00	-70.00	0.00013	-70.00	-70.00	0.00014
-60.00	-70.00	0.00015	-50.00	-70.00	0.00015
-40.00	-70.00	0.00016	-30.00	-70.00	0.00018
-25.00	-70.00	0.00020	-20.00	-70.00	0.00022
-17.00	-70.00	0.00023	-15.00	-70.00	0.00024
-13.00	-70.00	0.00024	-11.00	-70.00	0.00025
-9.00	-70.00	0.00026	9.00	-70.00	0.00031
11.00	-70.00	0.00032	13.00	-70.00	0.00033
15.00	-70.00	0.00033	17.00	-70.00	0.00034

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00035	25.00	-70.00	0.00037
30.00	-70.00	0.00039	40.00	-70.00	0.00044
50.00	-70.00	0.00048	60.00	-70.00	0.00052
70.00	-70.00	0.00055	80.00	-70.00	0.00057
90.00	-70.00	0.00059	100.00	-70.00	0.00060
-100.00	-60.00	0.00013	-90.00	-60.00	0.00014
-80.00	-60.00	0.00014	-70.00	-60.00	0.00015
-60.00	-60.00	0.00016	-50.00	-60.00	0.00017
-40.00	-60.00	0.00018	-30.00	-60.00	0.00020
-25.00	-60.00	0.00022	-20.00	-60.00	0.00024
-17.00	-60.00	0.00025	-15.00	-60.00	0.00026
-13.00	-60.00	0.00027	-11.00	-60.00	0.00028
-9.00	-60.00	0.00029	9.00	-60.00	0.00036
11.00	-60.00	0.00036	13.00	-60.00	0.00037
15.00	-60.00	0.00038	17.00	-60.00	0.00039
20.00	-60.00	0.00040	25.00	-60.00	0.00043
30.00	-60.00	0.00046	40.00	-60.00	0.00051
50.00	-60.00	0.00056	60.00	-60.00	0.00060
70.00	-60.00	0.00063	80.00	-60.00	0.00066
90.00	-60.00	0.00068	100.00	-60.00	0.00069
-100.00	-50.00	0.00014	-90.00	-50.00	0.00015
-80.00	-50.00	0.00016	-70.00	-50.00	0.00017

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-50.00	0.00018	-50.00	-50.00	0.00019
-40.00	-50.00	0.00020	-30.00	-50.00	0.00022
-25.00	-50.00	0.00024	-20.00	-50.00	0.00026
-17.00	-50.00	0.00028	-15.00	-50.00	0.00029
-13.00	-50.00	0.00030	-11.00	-50.00	0.00031
-9.00	-50.00	0.00032	9.00	-50.00	0.00041
11.00	-50.00	0.00042	13.00	-50.00	0.00043
15.00	-50.00	0.00044	17.00	-50.00	0.00045
20.00	-50.00	0.00047	25.00	-50.00	0.00050
30.00	-50.00	0.00053	40.00	-50.00	0.00060
50.00	-50.00	0.00066	60.00	-50.00	0.00070
70.00	-50.00	0.00074	80.00	-50.00	0.00077
90.00	-50.00	0.00079	100.00	-50.00	0.00080
-100.00	-40.00	0.00015	-90.00	-40.00	0.00016
-80.00	-40.00	0.00017	-70.00	-40.00	0.00019
-60.00	-40.00	0.00020	-50.00	-40.00	0.00021
-40.00	-40.00	0.00023	-30.00	-40.00	0.00025
-25.00	-40.00	0.00027	-20.00	-40.00	0.00029

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00031	-15.00	-40.00	0.00032
-13.00	-40.00	0.00034	-11.00	-40.00	0.00035
-9.00	-40.00	0.00036	9.00	-40.00	0.00047
11.00	-40.00	0.00048	13.00	-40.00	0.00050
15.00	-40.00	0.00051	17.00	-40.00	0.00052
20.00	-40.00	0.00055	25.00	-40.00	0.00059
30.00	-40.00	0.00063	40.00	-40.00	0.00071
50.00	-40.00	0.00078	60.00	-40.00	0.00083
70.00	-40.00	0.00087	80.00	-40.00	0.00090
90.00	-40.00	0.00092	100.00	-40.00	0.00093
-100.00	-30.00	0.00016	-90.00	-30.00	0.00017
-80.00	-30.00	0.00019	-70.00	-30.00	0.00020
-60.00	-30.00	0.00022	-50.00	-30.00	0.00024
-40.00	-30.00	0.00025	-30.00	-30.00	0.00028
-25.00	-30.00	0.00030	-20.00	-30.00	0.00032
-17.00	-30.00	0.00034	-15.00	-30.00	0.00036

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-30.00	0.00038	-11.00	-30.00	0.00039
-9.00	-30.00	0.00041	9.00	-30.00	0.00055
11.00	-30.00	0.00057	13.00	-30.00	0.00058
15.00	-30.00	0.00060	17.00	-30.00	0.00062
20.00	-30.00	0.00065	25.00	-30.00	0.00071
30.00	-30.00	0.00076	40.00	-30.00	0.00086
50.00	-30.00	0.00094	60.00	-30.00	0.00100
70.00	-30.00	0.00104	80.00	-30.00	0.00107
90.00	-30.00	0.00108	100.00	-30.00	0.00107
-100.00	-20.00	0.00017	-90.00	-20.00	0.00019
-80.00	-20.00	0.00021	-70.00	-20.00	0.00023
-60.00	-20.00	0.00025	-50.00	-20.00	0.00027
-40.00	-20.00	0.00029	-30.00	-20.00	0.00031
-25.00	-20.00	0.00033	-20.00	-20.00	0.00036
-17.00	-20.00	0.00039	-15.00	-20.00	0.00040
-13.00	-20.00	0.00042	-11.00	-20.00	0.00045
-9.00	-20.00	0.00047	9.00	-20.00	0.00065
11.00	-20.00	0.00068	13.00	-20.00	0.00070
15.00	-20.00	0.00073	17.00	-20.00	0.00075
20.00	-20.00	0.00079	25.00	-20.00	0.00087
30.00	-20.00	0.00094	40.00	-20.00	0.00105
50.00	-20.00	0.00115	60.00	-20.00	0.00122
70.00	-20.00	0.00126	80.00	-20.00	0.00128
90.00	-20.00	0.00127	100.00	-20.00	0.00123

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

09:52:50  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00018	-90.00	-10.00	0.00020
-80.00	-10.00	0.00023	-70.00	-10.00	0.00025
-60.00	-10.00	0.00028	-50.00	-10.00	0.00030
-40.00	-10.00	0.00033	-30.00	-10.00	0.00036
-25.00	-10.00	0.00038	-20.00	-10.00	0.00041
-17.00	-10.00	0.00043	-15.00	-10.00	0.00046
-13.00	-10.00	0.00048	-11.00	-10.00	0.00051
-9.00	-10.00	0.00054	9.00	-10.00	0.00079
11.00	-10.00	0.00082	13.00	-10.00	0.00085
15.00	-10.00	0.00089	17.00	-10.00	0.00093

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-10.00	0.00099	25.00	-10.00	0.00108
30.00	-10.00	0.00117	40.00	-10.00	0.00132
50.00	-10.00	0.00143	60.00	-10.00	0.00151
70.00	-10.00	0.00154	80.00	-10.00	0.00152
90.00	-10.00	0.00147	100.00	-10.00	0.00140
-100.00	0.00	0.00019	-90.00	0.00	0.00021
-80.00	0.00	0.00024	-70.00	0.00	0.00027
-60.00	0.00	0.00031	-50.00	0.00	0.00034
-40.00	0.00	0.00037	-30.00	0.00	0.00041
-25.00	0.00	0.00044	-20.00	0.00	0.00047
-17.00	0.00	0.00049	-15.00	0.00	0.00052
-13.00	0.00	0.00054	-11.00	0.00	0.00058
-9.00	0.00	0.00061	9.00	0.00	0.00097
11.00	0.00	0.00101	13.00	0.00	0.00107
15.00	0.00	0.00112	17.00	0.00	0.00117
20.00	0.00	0.00126	25.00	0.00	0.00139
30.00	0.00	0.00150	40.00	0.00	0.00170
50.00	0.00	0.00183	60.00	0.00	0.00188
70.00	0.00	0.00186	80.00	0.00	0.00178
90.00	0.00	0.00167	100.00	0.00	0.00155
-100.00	10.00	0.00019	-90.00	10.00	0.00022
-80.00	10.00	0.00025	-70.00	10.00	0.00029
-60.00	10.00	0.00034	-50.00	10.00	0.00038
-40.00	10.00	0.00043	-30.00	10.00	0.00048
-25.00	10.00	0.00050	-20.00	10.00	0.00054
-17.00	10.00	0.00057	-15.00	10.00	0.00059
-13.00	10.00	0.00062	-11.00	10.00	0.00066
-9.00	10.00	0.00070	9.00	10.00	0.00122
11.00	10.00	0.00130	13.00	10.00	0.00137
15.00	10.00	0.00145	17.00	10.00	0.00154

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\_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	0.00165	25.00	10.00	0.00184
30.00	10.00	0.00200	40.00	10.00	0.00225
50.00	10.00	0.00235	60.00	10.00	0.00232
70.00	10.00	0.00220	80.00	10.00	0.00203

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	10.00	0.00185	100.00	10.00	0.00167
-100.00	20.00	0.00020	-90.00	20.00	0.00023
-80.00	20.00	0.00027	-70.00	20.00	0.00031
-60.00	20.00	0.00036	-50.00	20.00	0.00042
-40.00	20.00	0.00048	-30.00	20.00	0.00055
-25.00	20.00	0.00058	-20.00	20.00	0.00063
-17.00	20.00	0.00066	-15.00	20.00	0.00068
-13.00	20.00	0.00072	-11.00	20.00	0.00076
-9.00	20.00	0.00081	9.00	20.00	0.00161
11.00	20.00	0.00173	13.00	20.00	0.00186
15.00	20.00	0.00198	17.00	20.00	0.00211
20.00	20.00	0.00230	25.00	20.00	0.00258
30.00	20.00	0.00280	40.00	20.00	0.00301
50.00	20.00	0.00295	60.00	20.00	0.00275
70.00	20.00	0.00249	80.00	20.00	0.00223
90.00	20.00	0.00199	100.00	20.00	0.00176
-100.00	30.00	0.00021	-90.00	30.00	0.00024
-80.00	30.00	0.00028	-70.00	30.00	0.00033
-60.00	30.00	0.00038	-50.00	30.00	0.00045
-40.00	30.00	0.00053	-30.00	30.00	0.00062
-25.00	30.00	0.00067	-20.00	30.00	0.00073
-17.00	30.00	0.00077	-15.00	30.00	0.00080
-13.00	30.00	0.00083	-11.00	30.00	0.00088
-9.00	30.00	0.00093	9.00	30.00	0.00229
11.00	30.00	0.00253	13.00	30.00	0.00276
15.00	30.00	0.00298	17.00	30.00	0.00320
20.00	30.00	0.00347	25.00	30.00	0.00379
30.00	30.00	0.00391	40.00	30.00	0.00381
50.00	30.00	0.00348	60.00	30.00	0.00310
70.00	30.00	0.00272	80.00	30.00	0.00238
90.00	30.00	0.00207	100.00	30.00	0.00180
-100.00	40.00	0.00022	-90.00	40.00	0.00026
-80.00	40.00	0.00030	-70.00	40.00	0.00035
-60.00	40.00	0.00042	-50.00	40.00	0.00049
-40.00	40.00	0.00058	-30.00	40.00	0.00068
-25.00	40.00	0.00074	-20.00	40.00	0.00081

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

01NCRA PL91-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00086	-15.00	40.00	0.00091
-13.00	40.00	0.00096	-11.00	40.00	0.00103
-9.00	40.00	0.00111	9.00	40.00	0.00410
11.00	40.00	0.00444	13.00	40.00	0.00469
15.00	40.00	0.00486	17.00	40.00	0.00498
20.00	40.00	0.00507	25.00	40.00	0.00506
30.00	40.00	0.00491	40.00	40.00	0.00441
50.00	40.00	0.00385	60.00	40.00	0.00333
70.00	40.00	0.00286	80.00	40.00	0.00245
90.00	40.00	0.00209	100.00	40.00	0.00179
-100.00	50.00	0.00023	-90.00	50.00	0.00027
-80.00	50.00	0.00032	-70.00	50.00	0.00038
-60.00	50.00	0.00045	-50.00	50.00	0.00054
-40.00	50.00	0.00065	-30.00	50.00	0.00079
-25.00	50.00	0.00087	-20.00	50.00	0.00096
-17.00	50.00	0.00104	-15.00	50.00	0.00110
-13.00	50.00	0.00117	-11.00	50.00	0.00127
-9.00	50.00	0.00141	9.00	50.00	0.00574
11.00	50.00	0.00583	13.00	50.00	0.00590
15.00	50.00	0.00594	17.00	50.00	0.00595
20.00	50.00	0.00590	25.00	50.00	0.00570
30.00	50.00	0.00541	40.00	50.00	0.00472
50.00	50.00	0.00403	60.00	50.00	0.00341
70.00	50.00	0.00288	80.00	50.00	0.00243
90.00	50.00	0.00205	100.00	50.00	0.00173
-100.00	60.00	0.00025	-90.00	60.00	0.00029
-80.00	60.00	0.00035	-70.00	60.00	0.00042
-60.00	60.00	0.00050	-50.00	60.00	0.00061
-40.00	60.00	0.00076	-30.00	60.00	0.00094
-25.00	60.00	0.00105	-20.00	60.00	0.00119
-17.00	60.00	0.00130	-15.00	60.00	0.00138
-13.00	60.00	0.00148	-11.00	60.00	0.00161
-9.00	60.00	0.00177	9.00	60.00	0.00589
11.00	60.00	0.00598	13.00	60.00	0.00605
15.00	60.00	0.00609	17.00	60.00	0.00610
20.00	60.00	0.00605	25.00	60.00	0.00583
30.00	60.00	0.00551	40.00	60.00	0.00476
50.00	60.00	0.00402	60.00	60.00	0.00336
70.00	60.00	0.00279	80.00	60.00	0.00232
90.00	60.00	0.00193	100.00	60.00	0.00161

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00026	-90.00	70.00	0.00031
-80.00	70.00	0.00037	-70.00	70.00	0.00045
-60.00	70.00	0.00056	-50.00	70.00	0.00069
-40.00	70.00	0.00086	-30.00	70.00	0.00109
-25.00	70.00	0.00123	-20.00	70.00	0.00139
-17.00	70.00	0.00151	-15.00	70.00	0.00159
-13.00	70.00	0.00169	-11.00	70.00	0.00180
-9.00	70.00	0.00194	9.00	70.00	0.00590
11.00	70.00	0.00598	13.00	70.00	0.00604
15.00	70.00	0.00607	17.00	70.00	0.00607
20.00	70.00	0.00600	25.00	70.00	0.00576
30.00	70.00	0.00542	40.00	70.00	0.00464
50.00	70.00	0.00387	60.00	70.00	0.00319
70.00	70.00	0.00261	80.00	70.00	0.00213
90.00	70.00	0.00175	100.00	70.00	0.00145
-100.00	80.00	0.00029	-90.00	80.00	0.00034
-80.00	80.00	0.00040	-70.00	80.00	0.00049
-60.00	80.00	0.00060	-50.00	80.00	0.00075
-40.00	80.00	0.00094	-30.00	80.00	0.00119
-25.00	80.00	0.00134	-20.00	80.00	0.00151
-17.00	80.00	0.00162	-15.00	80.00	0.00169
-13.00	80.00	0.00177	-11.00	80.00	0.00187
-9.00	80.00	0.00198	9.00	80.00	0.00583
11.00	80.00	0.00589	13.00	80.00	0.00595
15.00	80.00	0.00596	17.00	80.00	0.00594
20.00	80.00	0.00585	25.00	80.00	0.00558
30.00	80.00	0.00522	40.00	80.00	0.00440
50.00	80.00	0.00360	60.00	80.00	0.00290
70.00	80.00	0.00233	80.00	80.00	0.00188
90.00	80.00	0.00153	100.00	80.00	0.00126
-100.00	90.00	0.00031	-90.00	90.00	0.00036
-80.00	90.00	0.00043	-70.00	90.00	0.00052
-60.00	90.00	0.00063	-50.00	90.00	0.00079
-40.00	90.00	0.00100	-30.00	90.00	0.00125
-25.00	90.00	0.00139	-20.00	90.00	0.00155
-17.00	90.00	0.00164	-15.00	90.00	0.00171



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	90.00	0.00178	-11.00	90.00	0.00186
-9.00	90.00	0.00197	9.00	90.00	0.00567
11.00	90.00	0.00572	13.00	90.00	0.00576
15.00	90.00	0.00575	17.00	90.00	0.00572

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00560	25.00	90.00	0.00529
30.00	90.00	0.00489	40.00	90.00	0.00401
50.00	90.00	0.00318	60.00	90.00	0.00250
70.00	90.00	0.00197	80.00	90.00	0.00158
90.00	90.00	0.00128	100.00	90.00	0.00106
-100.00	100.00	0.00033	-90.00	100.00	0.00038
-80.00	100.00	0.00045	-70.00	100.00	0.00054
-60.00	100.00	0.00066	-50.00	100.00	0.00082
-40.00	100.00	0.00101	-30.00	100.00	0.00126
-25.00	100.00	0.00139	-20.00	100.00	0.00153
-17.00	100.00	0.00161	-15.00	100.00	0.00167
-13.00	100.00	0.00174	-11.00	100.00	0.00181
-9.00	100.00	0.00190	9.00	100.00	0.00542
11.00	100.00	0.00544	13.00	100.00	0.00545
15.00	100.00	0.00542	17.00	100.00	0.00536
20.00	100.00	0.00520	25.00	100.00	0.00483
30.00	100.00	0.00437	40.00	100.00	0.00342
50.00	100.00	0.00262	60.00	100.00	0.00201
70.00	100.00	0.00158	80.00	100.00	0.00127
90.00	100.00	0.00104	100.00	100.00	0.00087
-100.00	110.00	0.00034	-90.00	110.00	0.00040
-80.00	110.00	0.00047	-70.00	110.00	0.00057
-60.00	110.00	0.00068	-50.00	110.00	0.00083
-40.00	110.00	0.00101	-30.00	110.00	0.00122
-25.00	110.00	0.00134	-20.00	110.00	0.00146
-17.00	110.00	0.00154	-15.00	110.00	0.00160
-13.00	110.00	0.00166	-11.00	110.00	0.00172
-9.00	110.00	0.00180	9.00	110.00	0.00502
11.00	110.00	0.00499	13.00	110.00	0.00494
15.00	110.00	0.00487	17.00	110.00	0.00476

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	110.00	0.00454	25.00	110.00	0.00406
30.00	110.00	0.00354	40.00	110.00	0.00262
50.00	110.00	0.00196	60.00	110.00	0.00151
70.00	110.00	0.00121	80.00	110.00	0.00099
90.00	110.00	0.00082	100.00	110.00	0.00070
-100.00	120.00	0.00035	-90.00	120.00	0.00041
-80.00	120.00	0.00048	-70.00	120.00	0.00057
-60.00	120.00	0.00069	-50.00	120.00	0.00083
-40.00	120.00	0.00099	-30.00	120.00	0.00117
-25.00	120.00	0.00127	-20.00	120.00	0.00137

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\_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	0.00144	-15.00	120.00	0.00149
-13.00	120.00	0.00154	-11.00	120.00	0.00160
-9.00	120.00	0.00167	9.00	120.00	0.00430
11.00	120.00	0.00416	13.00	120.00	0.00401
15.00	120.00	0.00383	17.00	120.00	0.00363
20.00	120.00	0.00331	25.00	120.00	0.00280
30.00	120.00	0.00237	40.00	120.00	0.00175
50.00	120.00	0.00134	60.00	120.00	0.00107
70.00	120.00	0.00088	80.00	120.00	0.00074
90.00	120.00	0.00063	100.00	120.00	0.00054
-100.00	130.00	0.00035	-90.00	130.00	0.00041
-80.00	130.00	0.00048	-70.00	130.00	0.00057
-60.00	130.00	0.00067	-50.00	130.00	0.00080
-40.00	130.00	0.00095	-30.00	130.00	0.00111
-25.00	130.00	0.00119	-20.00	130.00	0.00127
-17.00	130.00	0.00132	-15.00	130.00	0.00136
-13.00	130.00	0.00139	-11.00	130.00	0.00143
-9.00	130.00	0.00147	9.00	130.00	0.00244
11.00	130.00	0.00220	13.00	130.00	0.00202
15.00	130.00	0.00189	17.00	130.00	0.00178
20.00	130.00	0.00165	25.00	130.00	0.00146
30.00	130.00	0.00130	40.00	130.00	0.00104
50.00	130.00	0.00086	60.00	130.00	0.00072
70.00	130.00	0.00061	80.00	130.00	0.00053

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	130.00	0.00047	100.00	130.00	0.00041
-100.00	140.00	0.00035	-90.00	140.00	0.00040
-80.00	140.00	0.00047	-70.00	140.00	0.00055
-60.00	140.00	0.00064	-50.00	140.00	0.00075
-40.00	140.00	0.00087	-30.00	140.00	0.00099
-25.00	140.00	0.00105	-20.00	140.00	0.00110
-17.00	140.00	0.00113	-15.00	140.00	0.00114
-13.00	140.00	0.00115	-11.00	140.00	0.00115
-9.00	140.00	0.00113	9.00	140.00	0.00073
11.00	140.00	0.00073	13.00	140.00	0.00073
15.00	140.00	0.00073	17.00	140.00	0.00073
20.00	140.00	0.00073	25.00	140.00	0.00071
30.00	140.00	0.00068	40.00	140.00	0.00061
50.00	140.00	0.00054	60.00	140.00	0.00048
70.00	140.00	0.00043	80.00	140.00	0.00038
90.00	140.00	0.00035	100.00	140.00	0.00031

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\_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	0.00034	-90.00	150.00	0.00039
-80.00	150.00	0.00044	-70.00	150.00	0.00051
-60.00	150.00	0.00058	-50.00	150.00	0.00067
-40.00	150.00	0.00074	-30.00	150.00	0.00081
-25.00	150.00	0.00083	-20.00	150.00	0.00084
-17.00	150.00	0.00083	-15.00	150.00	0.00081
-13.00	150.00	0.00079	-11.00	150.00	0.00076
-9.00	150.00	0.00072	9.00	150.00	0.00048
11.00	150.00	0.00048	13.00	150.00	0.00048
15.00	150.00	0.00047	17.00	150.00	0.00047
20.00	150.00	0.00046	25.00	150.00	0.00044
30.00	150.00	0.00043	40.00	150.00	0.00039
50.00	150.00	0.00036	60.00	150.00	0.00033
70.00	150.00	0.00031	80.00	150.00	0.00028
90.00	150.00	0.00026	100.00	150.00	0.00024
-100.00	160.00	0.00032	-90.00	160.00	0.00036
-80.00	160.00	0.00041	-70.00	160.00	0.00046
-60.00	160.00	0.00051	-50.00	160.00	0.00057

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	160.00	0.00061	-30.00	160.00	0.00063
-25.00	160.00	0.00062	-20.00	160.00	0.00059
-17.00	160.00	0.00057	-15.00	160.00	0.00055
-13.00	160.00	0.00053	-11.00	160.00	0.00050
-9.00	160.00	0.00048	9.00	160.00	0.00035
11.00	160.00	0.00035	13.00	160.00	0.00035
15.00	160.00	0.00035	17.00	160.00	0.00035
20.00	160.00	0.00034	25.00	160.00	0.00033
30.00	160.00	0.00032	40.00	160.00	0.00029
50.00	160.00	0.00027	60.00	160.00	0.00025
70.00	160.00	0.00023	80.00	160.00	0.00021
90.00	160.00	0.00020	100.00	160.00	0.00019
-100.00	170.00	0.00030	-90.00	170.00	0.00033
-80.00	170.00	0.00037	-70.00	170.00	0.00041
-60.00	170.00	0.00045	-50.00	170.00	0.00048
-40.00	170.00	0.00049	-30.00	170.00	0.00047
-25.00	170.00	0.00045	-20.00	170.00	0.00042
-17.00	170.00	0.00040	-15.00	170.00	0.00039
-13.00	170.00	0.00037	-11.00	170.00	0.00036
-9.00	170.00	0.00035	9.00	170.00	0.00026
11.00	170.00	0.00026	13.00	170.00	0.00026
15.00	170.00	0.00026	17.00	170.00	0.00027

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\_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	0.00027	25.00	170.00	0.00026
30.00	170.00	0.00025	40.00	170.00	0.00023
50.00	170.00	0.00021	60.00	170.00	0.00019
70.00	170.00	0.00018	80.00	170.00	0.00017
90.00	170.00	0.00016	100.00	170.00	0.00015
-100.00	180.00	0.00027	-90.00	180.00	0.00030
-80.00	180.00	0.00033	-70.00	180.00	0.00036
-60.00	180.00	0.00038	-50.00	180.00	0.00039
-40.00	180.00	0.00038	-30.00	180.00	0.00035
-25.00	180.00	0.00033	-20.00	180.00	0.00031
-17.00	180.00	0.00030	-15.00	180.00	0.00029
-13.00	180.00	0.00028	-11.00	180.00	0.00027

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00019	-15.00	200.00	0.00018
-13.00	200.00	0.00018	-11.00	200.00	0.00017
-9.00	200.00	0.00017	9.00	200.00	0.00014
11.00	200.00	0.00013	13.00	200.00	0.00014
15.00	200.00	0.00014	17.00	200.00	0.00014
20.00	200.00	0.00014	25.00	200.00	0.00014

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	200.00	0.00014	40.00	200.00	0.00014
50.00	200.00	0.00013	60.00	200.00	0.00012
70.00	200.00	0.00011	80.00	200.00	0.00010
90.00	200.00	0.00009	100.00	200.00	0.00009
-100.00	210.00	0.00020	-90.00	210.00	0.00021
-80.00	210.00	0.00022	-70.00	210.00	0.00022
-60.00	210.00	0.00022	-50.00	210.00	0.00020
-40.00	210.00	0.00019	-30.00	210.00	0.00017
-25.00	210.00	0.00016	-20.00	210.00	0.00016
-17.00	210.00	0.00015	-15.00	210.00	0.00015
-13.00	210.00	0.00015	-11.00	210.00	0.00014
-9.00	210.00	0.00014	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	0.00011	25.00	210.00	0.00012
30.00	210.00	0.00012	40.00	210.00	0.00012
50.00	210.00	0.00012	60.00	210.00	0.00011
70.00	210.00	0.00010	80.00	210.00	0.00009
90.00	210.00	0.00008	100.00	210.00	0.00008
-100.00	220.00	0.00018	-90.00	220.00	0.00019
-80.00	220.00	0.00019	-70.00	220.00	0.00019
-60.00	220.00	0.00018	-50.00	220.00	0.00017
-40.00	220.00	0.00015	-30.00	220.00	0.00014
-25.00	220.00	0.00014	-20.00	220.00	0.00013
-17.00	220.00	0.00013	-15.00	220.00	0.00013
-13.00	220.00	0.00012	-11.00	220.00	0.00012
-9.00	220.00	0.00012	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	0.00010
50.00	220.00	0.00010	60.00	220.00	0.00010
70.00	220.00	0.00009	80.00	220.00	0.00008
90.00	220.00	0.00008	100.00	220.00	0.00007

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

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

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

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	230.00	0.00016	-90.00	230.00	0.00016
-80.00	230.00	0.00016	-70.00	230.00	0.00016
-60.00	230.00	0.00015	-50.00	230.00	0.00014
-40.00	230.00	0.00012	-30.00	230.00	0.00012
-25.00	230.00	0.00012	-20.00	230.00	0.00011
-17.00	230.00	0.00011	-15.00	230.00	0.00011
-13.00	230.00	0.00010	-11.00	230.00	0.00010
-9.00	230.00	0.00010	9.00	230.00	0.00008
11.00	230.00	0.00008	13.00	230.00	0.00008
15.00	230.00	0.00008	17.00	230.00	0.00008
20.00	230.00	0.00008	25.00	230.00	0.00008
30.00	230.00	0.00008	40.00	230.00	0.00009
50.00	230.00	0.00009	60.00	230.00	0.00009
70.00	230.00	0.00008	80.00	230.00	0.00008
90.00	230.00	0.00007	100.00	230.00	0.00006
-100.00	240.00	0.00014	-90.00	240.00	0.00014
-80.00	240.00	0.00014	-70.00	240.00	0.00013
-60.00	240.00	0.00013	-50.00	240.00	0.00011
-40.00	240.00	0.00011	-30.00	240.00	0.00010
-25.00	240.00	0.00010	-20.00	240.00	0.00010
-17.00	240.00	0.00009	-15.00	240.00	0.00009
-13.00	240.00	0.00009	-11.00	240.00	0.00009
-9.00	240.00	0.00009	9.00	240.00	0.00007
11.00	240.00	0.00007	13.00	240.00	0.00007
15.00	240.00	0.00007	17.00	240.00	0.00007
20.00	240.00	0.00007	25.00	240.00	0.00007
30.00	240.00	0.00007	40.00	240.00	0.00007
50.00	240.00	0.00008	60.00	240.00	0.00008
70.00	240.00	0.00007	80.00	240.00	0.00007
90.00	240.00	0.00006	100.00	240.00	0.00006
-100.00	250.00	0.00013	-90.00	250.00	0.00012
-80.00	250.00	0.00012	-70.00	250.00	0.00011
-60.00	250.00	0.00011	-50.00	250.00	0.00010
-40.00	250.00	0.00009	-30.00	250.00	0.00009
-25.00	250.00	0.00009	-20.00	250.00	0.00008
-17.00	250.00	0.00008	-15.00	250.00	0.00008
-13.00	250.00	0.00008	-11.00	250.00	0.00008
-9.00	250.00	0.00007	9.00	250.00	0.00006
11.00	250.00	0.00006	13.00	250.00	0.00006
15.00	250.00	0.00006	17.00	250.00	0.00006

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\_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	0.00006	25.00	250.00	0.00006	
30.00	250.00	0.00006	40.00	250.00	0.00007	
50.00	250.00	0.00007	60.00	250.00	0.00007	
70.00	250.00	0.00007	80.00	250.00	0.00006	
90.00	250.00	0.00006	100.00	250.00	0.00006	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
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 CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_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	0.00006	-90.00	-250.00	0.00007	
-80.00	-250.00	0.00007	-70.00	-250.00	0.00007	
-60.00	-250.00	0.00007	-50.00	-250.00	0.00008	
-40.00	-250.00	0.00009	-30.00	-250.00	0.00010	
-25.00	-250.00	0.00010	-20.00	-250.00	0.00011	
-17.00	-250.00	0.00011	-15.00	-250.00	0.00011	
-13.00	-250.00	0.00011	-11.00	-250.00	0.00012	
-9.00	-250.00	0.00012	9.00	-250.00	0.00013	
11.00	-250.00	0.00013	13.00	-250.00	0.00014	
15.00	-250.00	0.00014	17.00	-250.00	0.00014	
20.00	-250.00	0.00014	25.00	-250.00	0.00015	
30.00	-250.00	0.00015	40.00	-250.00	0.00016	
50.00	-250.00	0.00017	60.00	-250.00	0.00018	
70.00	-250.00	0.00020	80.00	-250.00	0.00021	
90.00	-250.00	0.00022	100.00	-250.00	0.00023	
-100.00	-240.00	0.00007	-90.00	-240.00	0.00007	
-80.00	-240.00	0.00007	-70.00	-240.00	0.00007	
-60.00	-240.00	0.00008	-50.00	-240.00	0.00008	
-40.00	-240.00	0.00009	-30.00	-240.00	0.00010	
-25.00	-240.00	0.00011	-20.00	-240.00	0.00012	
-17.00	-240.00	0.00012	-15.00	-240.00	0.00012	
-13.00	-240.00	0.00012	-11.00	-240.00	0.00013	
-9.00	-240.00	0.00013	9.00	-240.00	0.00014	



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-240.00	0.00015	13.00	-240.00	0.00015
15.00	-240.00	0.00015	17.00	-240.00	0.00015
20.00	-240.00	0.00015	25.00	-240.00	0.00016
30.00	-240.00	0.00016	40.00	-240.00	0.00018
50.00	-240.00	0.00019	60.00	-240.00	0.00020
70.00	-240.00	0.00022	80.00	-240.00	0.00023
90.00	-240.00	0.00024	100.00	-240.00	0.00025
-100.00	-230.00	0.00007	-90.00	-230.00	0.00007
-80.00	-230.00	0.00008	-70.00	-230.00	0.00008
-60.00	-230.00	0.00008	-50.00	-230.00	0.00009
-40.00	-230.00	0.00010	-30.00	-230.00	0.00011
-25.00	-230.00	0.00012	-20.00	-230.00	0.00012
-17.00	-230.00	0.00013	-15.00	-230.00	0.00013
-13.00	-230.00	0.00013	-11.00	-230.00	0.00014
-9.00	-230.00	0.00014	9.00	-230.00	0.00016
11.00	-230.00	0.00016	13.00	-230.00	0.00016
15.00	-230.00	0.00016	17.00	-230.00	0.00016

1 \*\*\* ICSST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08

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

09:52:50

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00017	25.00	-230.00	0.00017
30.00	-230.00	0.00018	40.00	-230.00	0.00019
50.00	-230.00	0.00021	60.00	-230.00	0.00022
70.00	-230.00	0.00024	80.00	-230.00	0.00025
90.00	-230.00	0.00026	100.00	-230.00	0.00027
-100.00	-220.00	0.00008	-90.00	-220.00	0.00008
-80.00	-220.00	0.00008	-70.00	-220.00	0.00009
-60.00	-220.00	0.00009	-50.00	-220.00	0.00010
-40.00	-220.00	0.00010	-30.00	-220.00	0.00012
-25.00	-220.00	0.00013	-20.00	-220.00	0.00013
-17.00	-220.00	0.00014	-15.00	-220.00	0.00014
-13.00	-220.00	0.00014	-11.00	-220.00	0.00015
-9.00	-220.00	0.00015	9.00	-220.00	0.00017
11.00	-220.00	0.00017	13.00	-220.00	0.00017
15.00	-220.00	0.00018	17.00	-220.00	0.00018
20.00	-220.00	0.00018	25.00	-220.00	0.00019
30.00	-220.00	0.00020	40.00	-220.00	0.00021

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-220.00	0.00023	60.00	-220.00	0.00025
70.00	-220.00	0.00026	80.00	-220.00	0.00028
90.00	-220.00	0.00029	100.00	-220.00	0.00030
-100.00	-210.00	0.00008	-90.00	-210.00	0.00009
-80.00	-210.00	0.00009	-70.00	-210.00	0.00009
-60.00	-210.00	0.00010	-50.00	-210.00	0.00010
-40.00	-210.00	0.00011	-30.00	-210.00	0.00013
-25.00	-210.00	0.00013	-20.00	-210.00	0.00014
-17.00	-210.00	0.00015	-15.00	-210.00	0.00015
-13.00	-210.00	0.00015	-11.00	-210.00	0.00016
-9.00	-210.00	0.00016	9.00	-210.00	0.00019
11.00	-210.00	0.00019	13.00	-210.00	0.00019
15.00	-210.00	0.00019	17.00	-210.00	0.00020
20.00	-210.00	0.00020	25.00	-210.00	0.00021
30.00	-210.00	0.00022	40.00	-210.00	0.00024
50.00	-210.00	0.00026	60.00	-210.00	0.00028
70.00	-210.00	0.00029	80.00	-210.00	0.00031
90.00	-210.00	0.00032	100.00	-210.00	0.00033
-100.00	-200.00	0.00009	-90.00	-200.00	0.00009
-80.00	-200.00	0.00010	-70.00	-200.00	0.00010
-60.00	-200.00	0.00010	-50.00	-200.00	0.00011
-40.00	-200.00	0.00012	-30.00	-200.00	0.00014
-25.00	-200.00	0.00014	-20.00	-200.00	0.00015

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

09:52:50  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00016	-15.00	-200.00	0.00016
-13.00	-200.00	0.00017	-11.00	-200.00	0.00017
-9.00	-200.00	0.00018	9.00	-200.00	0.00020
11.00	-200.00	0.00021	13.00	-200.00	0.00021
15.00	-200.00	0.00021	17.00	-200.00	0.00022
20.00	-200.00	0.00022	25.00	-200.00	0.00023
30.00	-200.00	0.00024	40.00	-200.00	0.00026
50.00	-200.00	0.00029	60.00	-200.00	0.00031
70.00	-200.00	0.00033	80.00	-200.00	0.00035
90.00	-200.00	0.00036	100.00	-200.00	0.00037
-100.00	-190.00	0.00009	-90.00	-190.00	0.00010

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-190.00	0.00010	-70.00	-190.00	0.00011
-60.00	-190.00	0.00011	-50.00	-190.00	0.00012
-40.00	-190.00	0.00013	-30.00	-190.00	0.00015
-25.00	-190.00	0.00016	-20.00	-190.00	0.00017
-17.00	-190.00	0.00017	-15.00	-190.00	0.00018
-13.00	-190.00	0.00018	-11.00	-190.00	0.00019
-9.00	-190.00	0.00019	9.00	-190.00	0.00023
11.00	-190.00	0.00023	13.00	-190.00	0.00023
15.00	-190.00	0.00024	17.00	-190.00	0.00024
20.00	-190.00	0.00025	25.00	-190.00	0.00026
30.00	-190.00	0.00027	40.00	-190.00	0.00030
50.00	-190.00	0.00032	60.00	-190.00	0.00035
70.00	-190.00	0.00037	80.00	-190.00	0.00039
90.00	-190.00	0.00040	100.00	-190.00	0.00041
-100.00	-180.00	0.00010	-90.00	-180.00	0.00011
-80.00	-180.00	0.00011	-70.00	-180.00	0.00012
-60.00	-180.00	0.00012	-50.00	-180.00	0.00013
-40.00	-180.00	0.00014	-30.00	-180.00	0.00016
-25.00	-180.00	0.00017	-20.00	-180.00	0.00018
-17.00	-180.00	0.00019	-15.00	-180.00	0.00020
-13.00	-180.00	0.00020	-11.00	-180.00	0.00021
-9.00	-180.00	0.00021	9.00	-180.00	0.00025
11.00	-180.00	0.00025	13.00	-180.00	0.00026
15.00	-180.00	0.00026	17.00	-180.00	0.00027
20.00	-180.00	0.00027	25.00	-180.00	0.00029
30.00	-180.00	0.00030	40.00	-180.00	0.00033
50.00	-180.00	0.00037	60.00	-180.00	0.00039
70.00	-180.00	0.00042	80.00	-180.00	0.00044
90.00	-180.00	0.00045	100.00	-180.00	0.00047

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

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

09:52:50

\*\*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	0.00011	-90.00	-170.00	0.00012
-80.00	-170.00	0.00012	-70.00	-170.00	0.00013
-60.00	-170.00	0.00013	-50.00	-170.00	0.00014
-40.00	-170.00	0.00015	-30.00	-170.00	0.00017
-25.00	-170.00	0.00018	-20.00	-170.00	0.00020

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-170.00	0.00021	-15.00	-170.00	0.00021
-13.00	-170.00	0.00022	-11.00	-170.00	0.00023
-9.00	-170.00	0.00023	9.00	-170.00	0.00028
11.00	-170.00	0.00028	13.00	-170.00	0.00029
15.00	-170.00	0.00029	17.00	-170.00	0.00030
20.00	-170.00	0.00031	25.00	-170.00	0.00033
30.00	-170.00	0.00034	40.00	-170.00	0.00038
50.00	-170.00	0.00042	60.00	-170.00	0.00045
70.00	-170.00	0.00048	80.00	-170.00	0.00050
90.00	-170.00	0.00051	100.00	-170.00	0.00053
-100.00	-160.00	0.00012	-90.00	-160.00	0.00012
-80.00	-160.00	0.00013	-70.00	-160.00	0.00014
-60.00	-160.00	0.00015	-50.00	-160.00	0.00015
-40.00	-160.00	0.00016	-30.00	-160.00	0.00018
-25.00	-160.00	0.00020	-20.00	-160.00	0.00022
-17.00	-160.00	0.00023	-15.00	-160.00	0.00024
-13.00	-160.00	0.00024	-11.00	-160.00	0.00025
-9.00	-160.00	0.00026	9.00	-160.00	0.00031
11.00	-160.00	0.00032	13.00	-160.00	0.00033
15.00	-160.00	0.00033	17.00	-160.00	0.00034
20.00	-160.00	0.00035	25.00	-160.00	0.00037
30.00	-160.00	0.00039	40.00	-160.00	0.00044
50.00	-160.00	0.00048	60.00	-160.00	0.00052
70.00	-160.00	0.00055	80.00	-160.00	0.00057
90.00	-160.00	0.00059	100.00	-160.00	0.00060
-100.00	-150.00	0.00013	-90.00	-150.00	0.00014
-80.00	-150.00	0.00014	-70.00	-150.00	0.00015
-60.00	-150.00	0.00016	-50.00	-150.00	0.00017
-40.00	-150.00	0.00018	-30.00	-150.00	0.00020
-25.00	-150.00	0.00022	-20.00	-150.00	0.00024
-17.00	-150.00	0.00025	-15.00	-150.00	0.00026
-13.00	-150.00	0.00027	-11.00	-150.00	0.00028
-9.00	-150.00	0.00029	9.00	-150.00	0.00036
11.00	-150.00	0.00036	13.00	-150.00	0.00037
15.00	-150.00	0.00038	17.00	-150.00	0.00039

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 09:52:50      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 \*\*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      \*\*

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00040	25.00	-150.00	0.00043
30.00	-150.00	0.00046	40.00	-150.00	0.00051
50.00	-150.00	0.00056	60.00	-150.00	0.00060
70.00	-150.00	0.00063	80.00	-150.00	0.00066
90.00	-150.00	0.00068	100.00	-150.00	0.00069
-100.00	-140.00	0.00014	-90.00	-140.00	0.00015
-80.00	-140.00	0.00016	-70.00	-140.00	0.00017
-60.00	-140.00	0.00018	-50.00	-140.00	0.00019
-40.00	-140.00	0.00020	-30.00	-140.00	0.00022
-25.00	-140.00	0.00024	-20.00	-140.00	0.00026
-17.00	-140.00	0.00028	-15.00	-140.00	0.00029
-13.00	-140.00	0.00030	-11.00	-140.00	0.00031
-9.00	-140.00	0.00032	9.00	-140.00	0.00041
11.00	-140.00	0.00042	13.00	-140.00	0.00043
15.00	-140.00	0.00044	17.00	-140.00	0.00045
20.00	-140.00	0.00047	25.00	-140.00	0.00050
30.00	-140.00	0.00053	40.00	-140.00	0.00060
50.00	-140.00	0.00066	60.00	-140.00	0.00070
70.00	-140.00	0.00074	80.00	-140.00	0.00077
90.00	-140.00	0.00079	100.00	-140.00	0.00080
-100.00	-130.00	0.00015	-90.00	-130.00	0.00016
-80.00	-130.00	0.00017	-70.00	-130.00	0.00019
-60.00	-130.00	0.00020	-50.00	-130.00	0.00021
-40.00	-130.00	0.00023	-30.00	-130.00	0.00025
-25.00	-130.00	0.00027	-20.00	-130.00	0.00029
-17.00	-130.00	0.00031	-15.00	-130.00	0.00032
-13.00	-130.00	0.00034	-11.00	-130.00	0.00035
-9.00	-130.00	0.00036	9.00	-130.00	0.00047
11.00	-130.00	0.00048	13.00	-130.00	0.00050
15.00	-130.00	0.00051	17.00	-130.00	0.00052
20.00	-130.00	0.00055	25.00	-130.00	0.00059
30.00	-130.00	0.00063	40.00	-130.00	0.00071
50.00	-130.00	0.00078	60.00	-130.00	0.00083
70.00	-130.00	0.00087	80.00	-130.00	0.00090
90.00	-130.00	0.00092	100.00	-130.00	0.00093
-100.00	-120.00	0.00016	-90.00	-120.00	0.00017
-80.00	-120.00	0.00019	-70.00	-120.00	0.00020
-60.00	-120.00	0.00022	-50.00	-120.00	0.00024
-40.00	-120.00	0.00025	-30.00	-120.00	0.00028
-25.00	-120.00	0.00030	-20.00	-120.00	0.00032

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00034	-15.00	-120.00	0.00036
-13.00	-120.00	0.00038	-11.00	-120.00	0.00039
-9.00	-120.00	0.00041	9.00	-120.00	0.00055
11.00	-120.00	0.00057	13.00	-120.00	0.00058
15.00	-120.00	0.00060	17.00	-120.00	0.00062
20.00	-120.00	0.00065	25.00	-120.00	0.00071
30.00	-120.00	0.00076	40.00	-120.00	0.00086
50.00	-120.00	0.00094	60.00	-120.00	0.00100
70.00	-120.00	0.00104	80.00	-120.00	0.00107
90.00	-120.00	0.00108	100.00	-120.00	0.00107
-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	0.00029	-30.00	-110.00	0.00031
-25.00	-110.00	0.00033	-20.00	-110.00	0.00036
-17.00	-110.00	0.00039	-15.00	-110.00	0.00040
-13.00	-110.00	0.00042	-11.00	-110.00	0.00045
-9.00	-110.00	0.00047	9.00	-110.00	0.00065
11.00	-110.00	0.00068	13.00	-110.00	0.00070
15.00	-110.00	0.00073	17.00	-110.00	0.00075
20.00	-110.00	0.00079	25.00	-110.00	0.00087
30.00	-110.00	0.00094	40.00	-110.00	0.00105
50.00	-110.00	0.00115	60.00	-110.00	0.00122
70.00	-110.00	0.00126	80.00	-110.00	0.00128
90.00	-110.00	0.00127	100.00	-110.00	0.00123
-100.00	-100.00	0.00018	-90.00	-100.00	0.00020
-80.00	-100.00	0.00023	-70.00	-100.00	0.00025
-60.00	-100.00	0.00028	-50.00	-100.00	0.00030
-40.00	-100.00	0.00033	-30.00	-100.00	0.00036
-25.00	-100.00	0.00038	-20.00	-100.00	0.00041
-17.00	-100.00	0.00043	-15.00	-100.00	0.00046
-13.00	-100.00	0.00048	-11.00	-100.00	0.00051
-9.00	-100.00	0.00054	9.00	-100.00	0.00079
11.00	-100.00	0.00082	13.00	-100.00	0.00085
15.00	-100.00	0.00089	17.00	-100.00	0.00093
20.00	-100.00	0.00099	25.00	-100.00	0.00108
30.00	-100.00	0.00117	40.00	-100.00	0.00132

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-100.00	0.00143	60.00	-100.00	0.00151
70.00	-100.00	0.00154	80.00	-100.00	0.00152
90.00	-100.00	0.00147	100.00	-100.00	0.00140

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

09:52:50  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00019	-90.00	-90.00	0.00021
-80.00	-90.00	0.00024	-70.00	-90.00	0.00027
-60.00	-90.00	0.00031	-50.00	-90.00	0.00034
-40.00	-90.00	0.00037	-30.00	-90.00	0.00041
-25.00	-90.00	0.00044	-20.00	-90.00	0.00047
-17.00	-90.00	0.00049	-15.00	-90.00	0.00052
-13.00	-90.00	0.00054	-11.00	-90.00	0.00058
-9.00	-90.00	0.00061	9.00	-90.00	0.00097
11.00	-90.00	0.00101	13.00	-90.00	0.00107
15.00	-90.00	0.00112	17.00	-90.00	0.00117
20.00	-90.00	0.00126	25.00	-90.00	0.00139
30.00	-90.00	0.00150	40.00	-90.00	0.00170
50.00	-90.00	0.00183	60.00	-90.00	0.00188
70.00	-90.00	0.00186	80.00	-90.00	0.00178
90.00	-90.00	0.00167	100.00	-90.00	0.00155
-100.00	-80.00	0.00019	-90.00	-80.00	0.00022
-80.00	-80.00	0.00025	-70.00	-80.00	0.00029
-60.00	-80.00	0.00034	-50.00	-80.00	0.00038
-40.00	-80.00	0.00043	-30.00	-80.00	0.00048
-25.00	-80.00	0.00050	-20.00	-80.00	0.00054
-17.00	-80.00	0.00057	-15.00	-80.00	0.00059
-13.00	-80.00	0.00062	-11.00	-80.00	0.00066
-9.00	-80.00	0.00070	9.00	-80.00	0.00122
11.00	-80.00	0.00130	13.00	-80.00	0.00137
15.00	-80.00	0.00145	17.00	-80.00	0.00154
20.00	-80.00	0.00165	25.00	-80.00	0.00184
30.00	-80.00	0.00200	40.00	-80.00	0.00225
50.00	-80.00	0.00235	60.00	-80.00	0.00232
70.00	-80.00	0.00220	80.00	-80.00	0.00203
90.00	-80.00	0.00185	100.00	-80.00	0.00167
-100.00	-70.00	0.00020	-90.00	-70.00	0.00023

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-70.00	0.00027	-70.00	-70.00	0.00031
-60.00	-70.00	0.00036	-50.00	-70.00	0.00042
-40.00	-70.00	0.00048	-30.00	-70.00	0.00055
-25.00	-70.00	0.00058	-20.00	-70.00	0.00063
-17.00	-70.00	0.00066	-15.00	-70.00	0.00068
-13.00	-70.00	0.00072	-11.00	-70.00	0.00076
-9.00	-70.00	0.00081	9.00	-70.00	0.00161
11.00	-70.00	0.00173	13.00	-70.00	0.00186
15.00	-70.00	0.00198	17.00	-70.00	0.00211

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00230	25.00	-70.00	0.00258
30.00	-70.00	0.00280	40.00	-70.00	0.00301
50.00	-70.00	0.00295	60.00	-70.00	0.00275
70.00	-70.00	0.00249	80.00	-70.00	0.00223
90.00	-70.00	0.00199	100.00	-70.00	0.00176
-100.00	-60.00	0.00021	-90.00	-60.00	0.00024
-80.00	-60.00	0.00028	-70.00	-60.00	0.00033
-60.00	-60.00	0.00038	-50.00	-60.00	0.00045
-40.00	-60.00	0.00053	-30.00	-60.00	0.00062
-25.00	-60.00	0.00067	-20.00	-60.00	0.00073
-17.00	-60.00	0.00077	-15.00	-60.00	0.00080
-13.00	-60.00	0.00083	-11.00	-60.00	0.00088
-9.00	-60.00	0.00093	9.00	-60.00	0.00229
11.00	-60.00	0.00253	13.00	-60.00	0.00276
15.00	-60.00	0.00298	17.00	-60.00	0.00320
20.00	-60.00	0.00347	25.00	-60.00	0.00379
30.00	-60.00	0.00391	40.00	-60.00	0.00381
50.00	-60.00	0.00348	60.00	-60.00	0.00310
70.00	-60.00	0.00272	80.00	-60.00	0.00238
90.00	-60.00	0.00207	100.00	-60.00	0.00180
-100.00	-50.00	0.00022	-90.00	-50.00	0.00026
-80.00	-50.00	0.00030	-70.00	-50.00	0.00035
-60.00	-50.00	0.00042	-50.00	-50.00	0.00049
-40.00	-50.00	0.00058	-30.00	-50.00	0.00068
-25.00	-50.00	0.00074	-20.00	-50.00	0.00081



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-50.00	0.00086	-15.00	-50.00	0.00091
-13.00	-50.00	0.00096	-11.00	-50.00	0.00103
-9.00	-50.00	0.00111	9.00	-50.00	0.00410
11.00	-50.00	0.00444	13.00	-50.00	0.00469
15.00	-50.00	0.00486	17.00	-50.00	0.00498
20.00	-50.00	0.00507	25.00	-50.00	0.00506
30.00	-50.00	0.00491	40.00	-50.00	0.00441
50.00	-50.00	0.00385	60.00	-50.00	0.00333
70.00	-50.00	0.00286	80.00	-50.00	0.00245
90.00	-50.00	0.00209	100.00	-50.00	0.00179
-100.00	-40.00	0.00023	-90.00	-40.00	0.00027
-80.00	-40.00	0.00032	-70.00	-40.00	0.00038
-60.00	-40.00	0.00045	-50.00	-40.00	0.00054
-40.00	-40.00	0.00065	-30.00	-40.00	0.00079
-25.00	-40.00	0.00087	-20.00	-40.00	0.00096

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00104	-15.00	-40.00	0.00110
-13.00	-40.00	0.00117	-11.00	-40.00	0.00127
-9.00	-40.00	0.00141	9.00	-40.00	0.00574
11.00	-40.00	0.00583	13.00	-40.00	0.00590
15.00	-40.00	0.00594	17.00	-40.00	0.00595
20.00	-40.00	0.00590	25.00	-40.00	0.00570
30.00	-40.00	0.00541	40.00	-40.00	0.00472
50.00	-40.00	0.00403	60.00	-40.00	0.00341
70.00	-40.00	0.00288	80.00	-40.00	0.00243
90.00	-40.00	0.00205	100.00	-40.00	0.00173
-100.00	-30.00	0.00025	-90.00	-30.00	0.00029
-80.00	-30.00	0.00035	-70.00	-30.00	0.00042
-60.00	-30.00	0.00050	-50.00	-30.00	0.00061
-40.00	-30.00	0.00076	-30.00	-30.00	0.00094
-25.00	-30.00	0.00105	-20.00	-30.00	0.00119
-17.00	-30.00	0.00130	-15.00	-30.00	0.00138
-13.00	-30.00	0.00148	-11.00	-30.00	0.00161
-9.00	-30.00	0.00177	9.00	-30.00	0.00589
11.00	-30.00	0.00598	13.00	-30.00	0.00605

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-30.00	0.00609	17.00	-30.00	0.00610
20.00	-30.00	0.00605	25.00	-30.00	0.00583
30.00	-30.00	0.00551	40.00	-30.00	0.00476
50.00	-30.00	0.00402	60.00	-30.00	0.00336
70.00	-30.00	0.00279	80.00	-30.00	0.00232
90.00	-30.00	0.00193	100.00	-30.00	0.00161
-100.00	-20.00	0.00026	-90.00	-20.00	0.00031
-80.00	-20.00	0.00037	-70.00	-20.00	0.00045
-60.00	-20.00	0.00056	-50.00	-20.00	0.00069
-40.00	-20.00	0.00086	-30.00	-20.00	0.00109
-25.00	-20.00	0.00123	-20.00	-20.00	0.00139
-17.00	-20.00	0.00151	-15.00	-20.00	0.00159
-13.00	-20.00	0.00169	-11.00	-20.00	0.00180
-9.00	-20.00	0.00194	9.00	-20.00	0.00590
11.00	-20.00	0.00598	13.00	-20.00	0.00604
15.00	-20.00	0.00607	17.00	-20.00	0.00607
20.00	-20.00	0.00600	25.00	-20.00	0.00576
30.00	-20.00	0.00542	40.00	-20.00	0.00464
50.00	-20.00	0.00387	60.00	-20.00	0.00319
70.00	-20.00	0.00261	80.00	-20.00	0.00213
90.00	-20.00	0.00175	100.00	-20.00	0.00145

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\_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	0.00029	-90.00	-10.00	0.00034
-80.00	-10.00	0.00040	-70.00	-10.00	0.00049
-60.00	-10.00	0.00060	-50.00	-10.00	0.00075
-40.00	-10.00	0.00094	-30.00	-10.00	0.00119
-25.00	-10.00	0.00134	-20.00	-10.00	0.00151
-17.00	-10.00	0.00162	-15.00	-10.00	0.00169
-13.00	-10.00	0.00177	-11.00	-10.00	0.00187
-9.00	-10.00	0.00198	9.00	-10.00	0.00583
11.00	-10.00	0.00589	13.00	-10.00	0.00595
15.00	-10.00	0.00596	17.00	-10.00	0.00594
20.00	-10.00	0.00585	25.00	-10.00	0.00558
30.00	-10.00	0.00522	40.00	-10.00	0.00440
50.00	-10.00	0.00360	60.00	-10.00	0.00290

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-10.00	0.00233	80.00	-10.00	0.00188
90.00	-10.00	0.00153	100.00	-10.00	0.00126
-100.00	0.00	0.00031	-90.00	0.00	0.00036
-80.00	0.00	0.00043	-70.00	0.00	0.00052
-60.00	0.00	0.00063	-50.00	0.00	0.00079
-40.00	0.00	0.00100	-30.00	0.00	0.00125
-25.00	0.00	0.00139	-20.00	0.00	0.00155
-17.00	0.00	0.00164	-15.00	0.00	0.00171
-13.00	0.00	0.00178	-11.00	0.00	0.00186
-9.00	0.00	0.00197	9.00	0.00	0.00567
11.00	0.00	0.00572	13.00	0.00	0.00576
15.00	0.00	0.00575	17.00	0.00	0.00572
20.00	0.00	0.00560	25.00	0.00	0.00529
30.00	0.00	0.00489	40.00	0.00	0.00401
50.00	0.00	0.00318	60.00	0.00	0.00250
70.00	0.00	0.00197	80.00	0.00	0.00158
90.00	0.00	0.00128	100.00	0.00	0.00106
-100.00	10.00	0.00033	-90.00	10.00	0.00038
-80.00	10.00	0.00045	-70.00	10.00	0.00054
-60.00	10.00	0.00066	-50.00	10.00	0.00082
-40.00	10.00	0.00101	-30.00	10.00	0.00126
-25.00	10.00	0.00139	-20.00	10.00	0.00153
-17.00	10.00	0.00161	-15.00	10.00	0.00167
-13.00	10.00	0.00174	-11.00	10.00	0.00181
-9.00	10.00	0.00190	9.00	10.00	0.00542
11.00	10.00	0.00544	13.00	10.00	0.00545
15.00	10.00	0.00542	17.00	10.00	0.00536

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\_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	0.00520	25.00	10.00	0.00483
30.00	10.00	0.00437	40.00	10.00	0.00342
50.00	10.00	0.00262	60.00	10.00	0.00201
70.00	10.00	0.00158	80.00	10.00	0.00127
90.00	10.00	0.00104	100.00	10.00	0.00087
-100.00	20.00	0.00034	-90.00	20.00	0.00040
-80.00	20.00	0.00047	-70.00	20.00	0.00057

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	20.00	0.00068	-50.00	20.00	0.00083
-40.00	20.00	0.00101	-30.00	20.00	0.00122
-25.00	20.00	0.00134	-20.00	20.00	0.00146
-17.00	20.00	0.00154	-15.00	20.00	0.00160
-13.00	20.00	0.00166	-11.00	20.00	0.00172
-9.00	20.00	0.00180	9.00	20.00	0.00502
11.00	20.00	0.00499	13.00	20.00	0.00494
15.00	20.00	0.00487	17.00	20.00	0.00476
20.00	20.00	0.00454	25.00	20.00	0.00406
30.00	20.00	0.00354	40.00	20.00	0.00262
50.00	20.00	0.00196	60.00	20.00	0.00151
70.00	20.00	0.00121	80.00	20.00	0.00099
90.00	20.00	0.00082	100.00	20.00	0.00070
-100.00	30.00	0.00035	-90.00	30.00	0.00041
-80.00	30.00	0.00048	-70.00	30.00	0.00057
-60.00	30.00	0.00069	-50.00	30.00	0.00083
-40.00	30.00	0.00099	-30.00	30.00	0.00117
-25.00	30.00	0.00127	-20.00	30.00	0.00137
-17.00	30.00	0.00144	-15.00	30.00	0.00149
-13.00	30.00	0.00154	-11.00	30.00	0.00160
-9.00	30.00	0.00167	9.00	30.00	0.00430
11.00	30.00	0.00416	13.00	30.00	0.00401
15.00	30.00	0.00383	17.00	30.00	0.00363
20.00	30.00	0.00331	25.00	30.00	0.00280
30.00	30.00	0.00237	40.00	30.00	0.00175
50.00	30.00	0.00134	60.00	30.00	0.00107
70.00	30.00	0.00088	80.00	30.00	0.00074
90.00	30.00	0.00063	100.00	30.00	0.00054
-100.00	40.00	0.00035	-90.00	40.00	0.00041
-80.00	40.00	0.00048	-70.00	40.00	0.00057
-60.00	40.00	0.00067	-50.00	40.00	0.00080
-40.00	40.00	0.00095	-30.00	40.00	0.00111
-25.00	40.00	0.00119	-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      \*\*\*

09:52:50  
 \*\*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	0.00132	-15.00	40.00	0.00136

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	40.00	0.00139	-11.00	40.00	0.00143
-9.00	40.00	0.00147	9.00	40.00	0.00244
11.00	40.00	0.00220	13.00	40.00	0.00202
15.00	40.00	0.00189	17.00	40.00	0.00178
20.00	40.00	0.00165	25.00	40.00	0.00146
30.00	40.00	0.00130	40.00	40.00	0.00104
50.00	40.00	0.00086	60.00	40.00	0.00072
70.00	40.00	0.00061	80.00	40.00	0.00053
90.00	40.00	0.00047	100.00	40.00	0.00041
-100.00	50.00	0.00035	-90.00	50.00	0.00040
-80.00	50.00	0.00047	-70.00	50.00	0.00055
-60.00	50.00	0.00064	-50.00	50.00	0.00075
-40.00	50.00	0.00087	-30.00	50.00	0.00099
-25.00	50.00	0.00105	-20.00	50.00	0.00110
-17.00	50.00	0.00113	-15.00	50.00	0.00114
-13.00	50.00	0.00115	-11.00	50.00	0.00115
-9.00	50.00	0.00113	9.00	50.00	0.00073
11.00	50.00	0.00073	13.00	50.00	0.00073
15.00	50.00	0.00073	17.00	50.00	0.00073
20.00	50.00	0.00073	25.00	50.00	0.00071
30.00	50.00	0.00068	40.00	50.00	0.00061
50.00	50.00	0.00054	60.00	50.00	0.00048
70.00	50.00	0.00043	80.00	50.00	0.00038
90.00	50.00	0.00035	100.00	50.00	0.00031
-100.00	60.00	0.00034	-90.00	60.00	0.00039
-80.00	60.00	0.00044	-70.00	60.00	0.00051
-60.00	60.00	0.00058	-50.00	60.00	0.00067
-40.00	60.00	0.00074	-30.00	60.00	0.00081
-25.00	60.00	0.00083	-20.00	60.00	0.00084
-17.00	60.00	0.00083	-15.00	60.00	0.00081
-13.00	60.00	0.00079	-11.00	60.00	0.00076
-9.00	60.00	0.00072	9.00	60.00	0.00048
11.00	60.00	0.00048	13.00	60.00	0.00048
15.00	60.00	0.00047	17.00	60.00	0.00047
20.00	60.00	0.00046	25.00	60.00	0.00044
30.00	60.00	0.00043	40.00	60.00	0.00039
50.00	60.00	0.00036	60.00	60.00	0.00033
70.00	60.00	0.00031	80.00	60.00	0.00028
90.00	60.00	0.00026	100.00	60.00	0.00024

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00032	-90.00	70.00	0.00036	
-80.00	70.00	0.00041	-70.00	70.00	0.00046	
-60.00	70.00	0.00051	-50.00	70.00	0.00057	
-40.00	70.00	0.00061	-30.00	70.00	0.00063	
-25.00	70.00	0.00062	-20.00	70.00	0.00059	
-17.00	70.00	0.00057	-15.00	70.00	0.00055	
-13.00	70.00	0.00053	-11.00	70.00	0.00050	
-9.00	70.00	0.00048	9.00	70.00	0.00035	
11.00	70.00	0.00035	13.00	70.00	0.00035	
15.00	70.00	0.00035	17.00	70.00	0.00035	
20.00	70.00	0.00034	25.00	70.00	0.00033	
30.00	70.00	0.00032	40.00	70.00	0.00029	
50.00	70.00	0.00027	60.00	70.00	0.00025	
70.00	70.00	0.00023	80.00	70.00	0.00021	
90.00	70.00	0.00020	100.00	70.00	0.00019	
-100.00	80.00	0.00030	-90.00	80.00	0.00033	
-80.00	80.00	0.00037	-70.00	80.00	0.00041	
-60.00	80.00	0.00045	-50.00	80.00	0.00048	
-40.00	80.00	0.00049	-30.00	80.00	0.00047	
-25.00	80.00	0.00045	-20.00	80.00	0.00042	
-17.00	80.00	0.00040	-15.00	80.00	0.00039	
-13.00	80.00	0.00037	-11.00	80.00	0.00036	
-9.00	80.00	0.00035	9.00	80.00	0.00026	
11.00	80.00	0.00026	13.00	80.00	0.00026	
15.00	80.00	0.00026	17.00	80.00	0.00027	
20.00	80.00	0.00027	25.00	80.00	0.00026	
30.00	80.00	0.00025	40.00	80.00	0.00023	
50.00	80.00	0.00021	60.00	80.00	0.00019	
70.00	80.00	0.00018	80.00	80.00	0.00017	
90.00	80.00	0.00016	100.00	80.00	0.00015	
-100.00	90.00	0.00027	-90.00	90.00	0.00030	
-80.00	90.00	0.00033	-70.00	90.00	0.00036	
-60.00	90.00	0.00038	-50.00	90.00	0.00039	
-40.00	90.00	0.00038	-30.00	90.00	0.00035	
-25.00	90.00	0.00033	-20.00	90.00	0.00031	
-17.00	90.00	0.00030	-15.00	90.00	0.00029	
-13.00	90.00	0.00028	-11.00	90.00	0.00027	
-9.00	90.00	0.00026	9.00	90.00	0.00020	
11.00	90.00	0.00020	13.00	90.00	0.00021	

15.00 90.00 0.00021 17.00 90.00 0.00021

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00021	25.00	90.00	0.00021
30.00	90.00	0.00021	40.00	90.00	0.00019
50.00	90.00	0.00018	60.00	90.00	0.00016
70.00	90.00	0.00015	80.00	90.00	0.00014
90.00	90.00	0.00013	100.00	90.00	0.00012
-100.00	100.00	0.00025	-90.00	100.00	0.00027
-80.00	100.00	0.00029	-70.00	100.00	0.00031
-60.00	100.00	0.00032	-50.00	100.00	0.00031
-40.00	100.00	0.00030	-30.00	100.00	0.00027
-25.00	100.00	0.00025	-20.00	100.00	0.00024
-17.00	100.00	0.00023	-15.00	100.00	0.00023
-13.00	100.00	0.00022	-11.00	100.00	0.00021
-9.00	100.00	0.00021	9.00	100.00	0.00016
11.00	100.00	0.00016	13.00	100.00	0.00016
15.00	100.00	0.00017	17.00	100.00	0.00017
20.00	100.00	0.00017	25.00	100.00	0.00017
30.00	100.00	0.00017	40.00	100.00	0.00016
50.00	100.00	0.00015	60.00	100.00	0.00014
70.00	100.00	0.00013	80.00	100.00	0.00012
90.00	100.00	0.00011	100.00	100.00	0.00010
-100.00	110.00	0.00023	-90.00	110.00	0.00024
-80.00	110.00	0.00025	-70.00	110.00	0.00026
-60.00	110.00	0.00026	-50.00	110.00	0.00025
-40.00	110.00	0.00023	-30.00	110.00	0.00021
-25.00	110.00	0.00020	-20.00	110.00	0.00019
-17.00	110.00	0.00019	-15.00	110.00	0.00018
-13.00	110.00	0.00018	-11.00	110.00	0.00017
-9.00	110.00	0.00017	9.00	110.00	0.00014
11.00	110.00	0.00013	13.00	110.00	0.00014
15.00	110.00	0.00014	17.00	110.00	0.00014
20.00	110.00	0.00014	25.00	110.00	0.00014
30.00	110.00	0.00014	40.00	110.00	0.00014
50.00	110.00	0.00013	60.00	110.00	0.00012

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	110.00	0.00011	80.00	110.00	0.00010
90.00	110.00	0.00009	100.00	110.00	0.00009
-100.00	120.00	0.00020	-90.00	120.00	0.00021
-80.00	120.00	0.00022	-70.00	120.00	0.00022
-60.00	120.00	0.00022	-50.00	120.00	0.00020
-40.00	120.00	0.00019	-30.00	120.00	0.00017
-25.00	120.00	0.00016	-20.00	120.00	0.00016

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

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	140.00	0.00015	-50.00	140.00	0.00014
-40.00	140.00	0.00012	-30.00	140.00	0.00012
-25.00	140.00	0.00012	-20.00	140.00	0.00011
-17.00	140.00	0.00011	-15.00	140.00	0.00011
-13.00	140.00	0.00010	-11.00	140.00	0.00010
-9.00	140.00	0.00010	9.00	140.00	0.00008
11.00	140.00	0.00008	13.00	140.00	0.00008
15.00	140.00	0.00008	17.00	140.00	0.00008
20.00	140.00	0.00008	25.00	140.00	0.00008
30.00	140.00	0.00008	40.00	140.00	0.00009
50.00	140.00	0.00009	60.00	140.00	0.00009
70.00	140.00	0.00008	80.00	140.00	0.00008
90.00	140.00	0.00007	100.00	140.00	0.00006

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_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	0.00006	25.00	170.00	0.00006
30.00	170.00	0.00006	40.00	170.00	0.00006
50.00	170.00	0.00006	60.00	170.00	0.00006
70.00	170.00	0.00006	80.00	170.00	0.00006
90.00	170.00	0.00006	100.00	170.00	0.00005
-100.00	180.00	0.00010	-90.00	180.00	0.00010
-80.00	180.00	0.00009	-70.00	180.00	0.00008
-60.00	180.00	0.00008	-50.00	180.00	0.00007
-40.00	180.00	0.00007	-30.00	180.00	0.00007
-25.00	180.00	0.00007	-20.00	180.00	0.00006
-17.00	180.00	0.00006	-15.00	180.00	0.00006
-13.00	180.00	0.00006	-11.00	180.00	0.00006
-9.00	180.00	0.00006	9.00	180.00	0.00005
11.00	180.00	0.00005	13.00	180.00	0.00005
15.00	180.00	0.00005	17.00	180.00	0.00005

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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\_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	0.00005	-15.00	200.00	0.00005
-13.00	200.00	0.00005	-11.00	200.00	0.00005
-9.00	200.00	0.00005	9.00	200.00	0.00004
11.00	200.00	0.00004	13.00	200.00	0.00004
15.00	200.00	0.00004	17.00	200.00	0.00004
20.00	200.00	0.00004	25.00	200.00	0.00004
30.00	200.00	0.00004	40.00	200.00	0.00004
50.00	200.00	0.00004	60.00	200.00	0.00004
70.00	200.00	0.00004	80.00	200.00	0.00004

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	200.00	0.00004	100.00	200.00	0.00004
-100.00	210.00	0.00007	-90.00	210.00	0.00006
-80.00	210.00	0.00006	-70.00	210.00	0.00006
-60.00	210.00	0.00005	-50.00	210.00	0.00005
-40.00	210.00	0.00005	-30.00	210.00	0.00005
-25.00	210.00	0.00005	-20.00	210.00	0.00005
-17.00	210.00	0.00005	-15.00	210.00	0.00004
-13.00	210.00	0.00004	-11.00	210.00	0.00004
-9.00	210.00	0.00004	9.00	210.00	0.00004
11.00	210.00	0.00004	13.00	210.00	0.00004
15.00	210.00	0.00004	17.00	210.00	0.00004
20.00	210.00	0.00004	25.00	210.00	0.00004
30.00	210.00	0.00004	40.00	210.00	0.00004
50.00	210.00	0.00004	60.00	210.00	0.00004
70.00	210.00	0.00004	80.00	210.00	0.00004
90.00	210.00	0.00004	100.00	210.00	0.00004
-100.00	220.00	0.00006	-90.00	220.00	0.00006
-80.00	220.00	0.00005	-70.00	220.00	0.00005
-60.00	220.00	0.00005	-50.00	220.00	0.00005
-40.00	220.00	0.00005	-30.00	220.00	0.00005
-25.00	220.00	0.00004	-20.00	220.00	0.00004
-17.00	220.00	0.00004	-15.00	220.00	0.00004
-13.00	220.00	0.00004	-11.00	220.00	0.00004
-9.00	220.00	0.00004	9.00	220.00	0.00003
11.00	220.00	0.00003	13.00	220.00	0.00003
15.00	220.00	0.00003	17.00	220.00	0.00003
20.00	220.00	0.00003	25.00	220.00	0.00003
30.00	220.00	0.00003	40.00	220.00	0.00003
50.00	220.00	0.00003	60.00	220.00	0.00003
70.00	220.00	0.00004	80.00	220.00	0.00004
90.00	220.00	0.00004	100.00	220.00	0.00004

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

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

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00005	-90.00	230.00	0.00005
-80.00	230.00	0.00005	-70.00	230.00	0.00005
-60.00	230.00	0.00004	-50.00	230.00	0.00004

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	230.00	0.00004	-30.00	230.00	0.00004
-25.00	230.00	0.00004	-20.00	230.00	0.00004
-17.00	230.00	0.00004	-15.00	230.00	0.00004
-13.00	230.00	0.00004	-11.00	230.00	0.00004
-9.00	230.00	0.00003	9.00	230.00	0.00003
11.00	230.00	0.00003	13.00	230.00	0.00003
15.00	230.00	0.00003	17.00	230.00	0.00003
20.00	230.00	0.00003	25.00	230.00	0.00003
30.00	230.00	0.00003	40.00	230.00	0.00003
50.00	230.00	0.00003	60.00	230.00	0.00003
70.00	230.00	0.00003	80.00	230.00	0.00003
90.00	230.00	0.00003	100.00	230.00	0.00003
-100.00	240.00	0.00005	-90.00	240.00	0.00005
-80.00	240.00	0.00004	-70.00	240.00	0.00004
-60.00	240.00	0.00004	-50.00	240.00	0.00004
-40.00	240.00	0.00004	-30.00	240.00	0.00004
-25.00	240.00	0.00004	-20.00	240.00	0.00004
-17.00	240.00	0.00003	-15.00	240.00	0.00003
-13.00	240.00	0.00003	-11.00	240.00	0.00003
-9.00	240.00	0.00003	9.00	240.00	0.00003
11.00	240.00	0.00003	13.00	240.00	0.00003
15.00	240.00	0.00003	17.00	240.00	0.00003
20.00	240.00	0.00003	25.00	240.00	0.00003
30.00	240.00	0.00003	40.00	240.00	0.00003
50.00	240.00	0.00003	60.00	240.00	0.00003
70.00	240.00	0.00003	80.00	240.00	0.00003
90.00	240.00	0.00003	100.00	240.00	0.00003
-100.00	250.00	0.00004	-90.00	250.00	0.00004
-80.00	250.00	0.00004	-70.00	250.00	0.00004
-60.00	250.00	0.00004	-50.00	250.00	0.00004
-40.00	250.00	0.00004	-30.00	250.00	0.00003
-25.00	250.00	0.00003	-20.00	250.00	0.00003
-17.00	250.00	0.00003	-15.00	250.00	0.00003
-13.00	250.00	0.00003	-11.00	250.00	0.00003
-9.00	250.00	0.00003	9.00	250.00	0.00003
11.00	250.00	0.00003	13.00	250.00	0.00003
15.00	250.00	0.00003	17.00	250.00	0.00003

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

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

09:52:50

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00003	25.00	250.00	0.00003
30.00	250.00	0.00003	40.00	250.00	0.00003
50.00	250.00	0.00003	60.00	250.00	0.00003
70.00	250.00	0.00003	80.00	250.00	0.00003
90.00	250.00	0.00003	100.00	250.00	0.00003

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

09:52:50  
 \*\*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	0.00012	-90.00	-250.00	0.00012
-80.00	-250.00	0.00013	-70.00	-250.00	0.00014
-60.00	-250.00	0.00015	-50.00	-250.00	0.00015
-40.00	-250.00	0.00016	-30.00	-250.00	0.00018
-25.00	-250.00	0.00020	-20.00	-250.00	0.00022
-17.00	-250.00	0.00023	-15.00	-250.00	0.00024
-13.00	-250.00	0.00024	-11.00	-250.00	0.00025
-9.00	-250.00	0.00026	9.00	-250.00	0.00031
11.00	-250.00	0.00032	13.00	-250.00	0.00033
15.00	-250.00	0.00033	17.00	-250.00	0.00034
20.00	-250.00	0.00035	25.00	-250.00	0.00037
30.00	-250.00	0.00039	40.00	-250.00	0.00044
50.00	-250.00	0.00048	60.00	-250.00	0.00052
70.00	-250.00	0.00055	80.00	-250.00	0.00057
90.00	-250.00	0.00059	100.00	-250.00	0.00060
-100.00	-240.00	0.00013	-90.00	-240.00	0.00014
-80.00	-240.00	0.00014	-70.00	-240.00	0.00015
-60.00	-240.00	0.00016	-50.00	-240.00	0.00017
-40.00	-240.00	0.00018	-30.00	-240.00	0.00020
-25.00	-240.00	0.00022	-20.00	-240.00	0.00024
-17.00	-240.00	0.00025	-15.00	-240.00	0.00026
-13.00	-240.00	0.00027	-11.00	-240.00	0.00028
-9.00	-240.00	0.00029	9.00	-240.00	0.00036
11.00	-240.00	0.00036	13.00	-240.00	0.00037
15.00	-240.00	0.00038	17.00	-240.00	0.00039
20.00	-240.00	0.00040	25.00	-240.00	0.00043

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-240.00	0.00046	40.00	-240.00	0.00051
50.00	-240.00	0.00056	60.00	-240.00	0.00060
70.00	-240.00	0.00063	80.00	-240.00	0.00066
90.00	-240.00	0.00068	100.00	-240.00	0.00069
-100.00	-230.00	0.00014	-90.00	-230.00	0.00015
-80.00	-230.00	0.00016	-70.00	-230.00	0.00017
-60.00	-230.00	0.00018	-50.00	-230.00	0.00019
-40.00	-230.00	0.00020	-30.00	-230.00	0.00022
-25.00	-230.00	0.00024	-20.00	-230.00	0.00026
-17.00	-230.00	0.00028	-15.00	-230.00	0.00029
-13.00	-230.00	0.00030	-11.00	-230.00	0.00031
-9.00	-230.00	0.00032	9.00	-230.00	0.00041
11.00	-230.00	0.00042	13.00	-230.00	0.00043
15.00	-230.00	0.00044	17.00	-230.00	0.00045

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

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

09:52:50

\*\*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	-230.00	0.00047	25.00	-230.00	0.00050
30.00	-230.00	0.00053	40.00	-230.00	0.00060
50.00	-230.00	0.00066	60.00	-230.00	0.00070
70.00	-230.00	0.00074	80.00	-230.00	0.00077
90.00	-230.00	0.00079	100.00	-230.00	0.00080
-100.00	-220.00	0.00015	-90.00	-220.00	0.00016
-80.00	-220.00	0.00017	-70.00	-220.00	0.00019
-60.00	-220.00	0.00020	-50.00	-220.00	0.00021
-40.00	-220.00	0.00023	-30.00	-220.00	0.00025
-25.00	-220.00	0.00027	-20.00	-220.00	0.00029
-17.00	-220.00	0.00031	-15.00	-220.00	0.00032
-13.00	-220.00	0.00034	-11.00	-220.00	0.00035
-9.00	-220.00	0.00036	9.00	-220.00	0.00047
11.00	-220.00	0.00048	13.00	-220.00	0.00050
15.00	-220.00	0.00051	17.00	-220.00	0.00052
20.00	-220.00	0.00055	25.00	-220.00	0.00059
30.00	-220.00	0.00063	40.00	-220.00	0.00071
50.00	-220.00	0.00078	60.00	-220.00	0.00083
70.00	-220.00	0.00087	80.00	-220.00	0.00090
90.00	-220.00	0.00092	100.00	-220.00	0.00093

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-210.00	0.00016	-90.00	-210.00	0.00017
-80.00	-210.00	0.00019	-70.00	-210.00	0.00020
-60.00	-210.00	0.00022	-50.00	-210.00	0.00024
-40.00	-210.00	0.00025	-30.00	-210.00	0.00028
-25.00	-210.00	0.00030	-20.00	-210.00	0.00032
-17.00	-210.00	0.00034	-15.00	-210.00	0.00036
-13.00	-210.00	0.00038	-11.00	-210.00	0.00039
-9.00	-210.00	0.00041	9.00	-210.00	0.00055
11.00	-210.00	0.00057	13.00	-210.00	0.00058
15.00	-210.00	0.00060	17.00	-210.00	0.00062
20.00	-210.00	0.00065	25.00	-210.00	0.00071
30.00	-210.00	0.00076	40.00	-210.00	0.00086
50.00	-210.00	0.00094	60.00	-210.00	0.00100
70.00	-210.00	0.00104	80.00	-210.00	0.00107
90.00	-210.00	0.00108	100.00	-210.00	0.00107
-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	0.00029	-30.00	-200.00	0.00031
-25.00	-200.00	0.00033	-20.00	-200.00	0.00036

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\_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	0.00039	-15.00	-200.00	0.00040
-13.00	-200.00	0.00042	-11.00	-200.00	0.00045
-9.00	-200.00	0.00047	9.00	-200.00	0.00065
11.00	-200.00	0.00068	13.00	-200.00	0.00070
15.00	-200.00	0.00073	17.00	-200.00	0.00075
20.00	-200.00	0.00079	25.00	-200.00	0.00087
30.00	-200.00	0.00094	40.00	-200.00	0.00105
50.00	-200.00	0.00115	60.00	-200.00	0.00122
70.00	-200.00	0.00126	80.00	-200.00	0.00128
90.00	-200.00	0.00127	100.00	-200.00	0.00123
-100.00	-190.00	0.00018	-90.00	-190.00	0.00020
-80.00	-190.00	0.00023	-70.00	-190.00	0.00025
-60.00	-190.00	0.00028	-50.00	-190.00	0.00030
-40.00	-190.00	0.00033	-30.00	-190.00	0.00036



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-190.00	0.00038	-20.00	-190.00	0.00041
-17.00	-190.00	0.00043	-15.00	-190.00	0.00046
-13.00	-190.00	0.00048	-11.00	-190.00	0.00051
-9.00	-190.00	0.00054	9.00	-190.00	0.00079
11.00	-190.00	0.00082	13.00	-190.00	0.00085
15.00	-190.00	0.00089	17.00	-190.00	0.00093
20.00	-190.00	0.00099	25.00	-190.00	0.00108
30.00	-190.00	0.00117	40.00	-190.00	0.00132
50.00	-190.00	0.00143	60.00	-190.00	0.00151
70.00	-190.00	0.00154	80.00	-190.00	0.00152
90.00	-190.00	0.00147	100.00	-190.00	0.00140
-100.00	-180.00	0.00019	-90.00	-180.00	0.00021
-80.00	-180.00	0.00024	-70.00	-180.00	0.00027
-60.00	-180.00	0.00031	-50.00	-180.00	0.00034
-40.00	-180.00	0.00037	-30.00	-180.00	0.00041
-25.00	-180.00	0.00044	-20.00	-180.00	0.00047
-17.00	-180.00	0.00049	-15.00	-180.00	0.00052
-13.00	-180.00	0.00054	-11.00	-180.00	0.00058
-9.00	-180.00	0.00061	9.00	-180.00	0.00097
11.00	-180.00	0.00101	13.00	-180.00	0.00107
15.00	-180.00	0.00112	17.00	-180.00	0.00117
20.00	-180.00	0.00126	25.00	-180.00	0.00139
30.00	-180.00	0.00150	40.00	-180.00	0.00170
50.00	-180.00	0.00183	60.00	-180.00	0.00188
70.00	-180.00	0.00186	80.00	-180.00	0.00178
90.00	-180.00	0.00167	100.00	-180.00	0.00155

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

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

09:52:50

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00019	-90.00	-170.00	0.00022
-80.00	-170.00	0.00025	-70.00	-170.00	0.00029
-60.00	-170.00	0.00034	-50.00	-170.00	0.00038
-40.00	-170.00	0.00043	-30.00	-170.00	0.00048
-25.00	-170.00	0.00050	-20.00	-170.00	0.00054
-17.00	-170.00	0.00057	-15.00	-170.00	0.00059
-13.00	-170.00	0.00062	-11.00	-170.00	0.00066
-9.00	-170.00	0.00070	9.00	-170.00	0.00122

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-170.00	0.00130	13.00	-170.00	0.00137
15.00	-170.00	0.00145	17.00	-170.00	0.00154
20.00	-170.00	0.00165	25.00	-170.00	0.00184
30.00	-170.00	0.00200	40.00	-170.00	0.00225
50.00	-170.00	0.00235	60.00	-170.00	0.00232
70.00	-170.00	0.00220	80.00	-170.00	0.00203
90.00	-170.00	0.00185	100.00	-170.00	0.00167
-100.00	-160.00	0.00020	-90.00	-160.00	0.00023
-80.00	-160.00	0.00027	-70.00	-160.00	0.00031
-60.00	-160.00	0.00036	-50.00	-160.00	0.00042
-40.00	-160.00	0.00048	-30.00	-160.00	0.00055
-25.00	-160.00	0.00058	-20.00	-160.00	0.00063
-17.00	-160.00	0.00066	-15.00	-160.00	0.00068
-13.00	-160.00	0.00072	-11.00	-160.00	0.00076
-9.00	-160.00	0.00081	9.00	-160.00	0.00161
11.00	-160.00	0.00173	13.00	-160.00	0.00186
15.00	-160.00	0.00198	17.00	-160.00	0.00211
20.00	-160.00	0.00230	25.00	-160.00	0.00258
30.00	-160.00	0.00280	40.00	-160.00	0.00301
50.00	-160.00	0.00295	60.00	-160.00	0.00275
70.00	-160.00	0.00249	80.00	-160.00	0.00223
90.00	-160.00	0.00199	100.00	-160.00	0.00176
-100.00	-150.00	0.00021	-90.00	-150.00	0.00024
-80.00	-150.00	0.00028	-70.00	-150.00	0.00033
-60.00	-150.00	0.00038	-50.00	-150.00	0.00045
-40.00	-150.00	0.00053	-30.00	-150.00	0.00062
-25.00	-150.00	0.00067	-20.00	-150.00	0.00073
-17.00	-150.00	0.00077	-15.00	-150.00	0.00080
-13.00	-150.00	0.00083	-11.00	-150.00	0.00088
-9.00	-150.00	0.00093	9.00	-150.00	0.00229
11.00	-150.00	0.00253	13.00	-150.00	0.00276
15.00	-150.00	0.00298	17.00	-150.00	0.00320

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

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

09:52:50

\*\*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	0.00347	25.00	-150.00	0.00379
30.00	-150.00	0.00391	40.00	-150.00	0.00381

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-150.00	0.00348	60.00	-150.00	0.00310
70.00	-150.00	0.00272	80.00	-150.00	0.00238
90.00	-150.00	0.00207	100.00	-150.00	0.00180
-100.00	-140.00	0.00022	-90.00	-140.00	0.00026
-80.00	-140.00	0.00030	-70.00	-140.00	0.00035
-60.00	-140.00	0.00042	-50.00	-140.00	0.00049
-40.00	-140.00	0.00058	-30.00	-140.00	0.00068
-25.00	-140.00	0.00074	-20.00	-140.00	0.00081
-17.00	-140.00	0.00086	-15.00	-140.00	0.00091
-13.00	-140.00	0.00096	-11.00	-140.00	0.00103
-9.00	-140.00	0.00111	9.00	-140.00	0.00410
11.00	-140.00	0.00444	13.00	-140.00	0.00469
15.00	-140.00	0.00486	17.00	-140.00	0.00498
20.00	-140.00	0.00507	25.00	-140.00	0.00506
30.00	-140.00	0.00491	40.00	-140.00	0.00441
50.00	-140.00	0.00385	60.00	-140.00	0.00333
70.00	-140.00	0.00286	80.00	-140.00	0.00245
90.00	-140.00	0.00209	100.00	-140.00	0.00179
-100.00	-130.00	0.00023	-90.00	-130.00	0.00027
-80.00	-130.00	0.00032	-70.00	-130.00	0.00038
-60.00	-130.00	0.00045	-50.00	-130.00	0.00054
-40.00	-130.00	0.00065	-30.00	-130.00	0.00079
-25.00	-130.00	0.00087	-20.00	-130.00	0.00096
-17.00	-130.00	0.00104	-15.00	-130.00	0.00110
-13.00	-130.00	0.00117	-11.00	-130.00	0.00127
-9.00	-130.00	0.00141	9.00	-130.00	0.00574
11.00	-130.00	0.00583	13.00	-130.00	0.00590
15.00	-130.00	0.00594	17.00	-130.00	0.00595
20.00	-130.00	0.00590	25.00	-130.00	0.00570
30.00	-130.00	0.00541	40.00	-130.00	0.00472
50.00	-130.00	0.00403	60.00	-130.00	0.00341
70.00	-130.00	0.00288	80.00	-130.00	0.00243
90.00	-130.00	0.00205	100.00	-130.00	0.00173
-100.00	-120.00	0.00025	-90.00	-120.00	0.00029
-80.00	-120.00	0.00035	-70.00	-120.00	0.00042
-60.00	-120.00	0.00050	-50.00	-120.00	0.00061
-40.00	-120.00	0.00076	-30.00	-120.00	0.00094
-25.00	-120.00	0.00105	-20.00	-120.00	0.00119

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

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

09:52:50  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

01NCRA PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	-120.00	0.00130	-15.00	-120.00	0.00138	
-13.00	-120.00	0.00148	-11.00	-120.00	0.00161	
-9.00	-120.00	0.00177	9.00	-120.00	0.00589	
11.00	-120.00	0.00598	13.00	-120.00	0.00605	
15.00	-120.00	0.00609	17.00	-120.00	0.00610	
20.00	-120.00	0.00605	25.00	-120.00	0.00583	
30.00	-120.00	0.00551	40.00	-120.00	0.00476	
50.00	-120.00	0.00402	60.00	-120.00	0.00336	
70.00	-120.00	0.00279	80.00	-120.00	0.00232	
90.00	-120.00	0.00193	100.00	-120.00	0.00161	
-100.00	-110.00	0.00026	-90.00	-110.00	0.00031	
-80.00	-110.00	0.00037	-70.00	-110.00	0.00045	
-60.00	-110.00	0.00056	-50.00	-110.00	0.00069	
-40.00	-110.00	0.00086	-30.00	-110.00	0.00109	
-25.00	-110.00	0.00123	-20.00	-110.00	0.00139	
-17.00	-110.00	0.00151	-15.00	-110.00	0.00159	
-13.00	-110.00	0.00169	-11.00	-110.00	0.00180	
-9.00	-110.00	0.00194	9.00	-110.00	0.00590	
11.00	-110.00	0.00598	13.00	-110.00	0.00604	
15.00	-110.00	0.00607	17.00	-110.00	0.00607	
20.00	-110.00	0.00600	25.00	-110.00	0.00576	
30.00	-110.00	0.00542	40.00	-110.00	0.00464	
50.00	-110.00	0.00387	60.00	-110.00	0.00319	
70.00	-110.00	0.00261	80.00	-110.00	0.00213	
90.00	-110.00	0.00175	100.00	-110.00	0.00145	
-100.00	-100.00	0.00029	-90.00	-100.00	0.00034	
-80.00	-100.00	0.00040	-70.00	-100.00	0.00049	
-60.00	-100.00	0.00060	-50.00	-100.00	0.00075	
-40.00	-100.00	0.00094	-30.00	-100.00	0.00119	
-25.00	-100.00	0.00134	-20.00	-100.00	0.00151	
-17.00	-100.00	0.00162	-15.00	-100.00	0.00169	
-13.00	-100.00	0.00177	-11.00	-100.00	0.00187	
-9.00	-100.00	0.00198	9.00	-100.00	0.00583	
11.00	-100.00	0.00589	13.00	-100.00	0.00595	
15.00	-100.00	0.00596	17.00	-100.00	0.00594	
20.00	-100.00	0.00585	25.00	-100.00	0.00558	
30.00	-100.00	0.00522	40.00	-100.00	0.00440	
50.00	-100.00	0.00360	60.00	-100.00	0.00290	
70.00	-100.00	0.00233	80.00	-100.00	0.00188	
90.00	-100.00	0.00153	100.00	-100.00	0.00126	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTs:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* 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	0.00031	-90.00	-90.00	0.00036
-80.00	-90.00	0.00043	-70.00	-90.00	0.00052
-60.00	-90.00	0.00063	-50.00	-90.00	0.00079
-40.00	-90.00	0.00100	-30.00	-90.00	0.00125
-25.00	-90.00	0.00139	-20.00	-90.00	0.00155
-17.00	-90.00	0.00164	-15.00	-90.00	0.00171
-13.00	-90.00	0.00178	-11.00	-90.00	0.00186
-9.00	-90.00	0.00197	9.00	-90.00	0.00567
11.00	-90.00	0.00572	13.00	-90.00	0.00576
15.00	-90.00	0.00575	17.00	-90.00	0.00572
20.00	-90.00	0.00560	25.00	-90.00	0.00529
30.00	-90.00	0.00489	40.00	-90.00	0.00401
50.00	-90.00	0.00318	60.00	-90.00	0.00250
70.00	-90.00	0.00197	80.00	-90.00	0.00158
90.00	-90.00	0.00128	100.00	-90.00	0.00106
-100.00	-80.00	0.00033	-90.00	-80.00	0.00038
-80.00	-80.00	0.00045	-70.00	-80.00	0.00054
-60.00	-80.00	0.00066	-50.00	-80.00	0.00082
-40.00	-80.00	0.00101	-30.00	-80.00	0.00126
-25.00	-80.00	0.00139	-20.00	-80.00	0.00153
-17.00	-80.00	0.00161	-15.00	-80.00	0.00167
-13.00	-80.00	0.00174	-11.00	-80.00	0.00181
-9.00	-80.00	0.00190	9.00	-80.00	0.00542
11.00	-80.00	0.00544	13.00	-80.00	0.00545
15.00	-80.00	0.00542	17.00	-80.00	0.00536
20.00	-80.00	0.00520	25.00	-80.00	0.00483
30.00	-80.00	0.00437	40.00	-80.00	0.00342
50.00	-80.00	0.00262	60.00	-80.00	0.00201
70.00	-80.00	0.00158	80.00	-80.00	0.00127
90.00	-80.00	0.00104	100.00	-80.00	0.00087
-100.00	-70.00	0.00034	-90.00	-70.00	0.00040
-80.00	-70.00	0.00047	-70.00	-70.00	0.00057
-60.00	-70.00	0.00068	-50.00	-70.00	0.00083
-40.00	-70.00	0.00101	-30.00	-70.00	0.00122

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-70.00	0.00134	-20.00	-70.00	0.00146
-17.00	-70.00	0.00154	-15.00	-70.00	0.00160
-13.00	-70.00	0.00166	-11.00	-70.00	0.00172
-9.00	-70.00	0.00180	9.00	-70.00	0.00502
11.00	-70.00	0.00499	13.00	-70.00	0.00494
15.00	-70.00	0.00487	17.00	-70.00	0.00476

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\_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	0.00454	25.00	-70.00	0.00406
30.00	-70.00	0.00354	40.00	-70.00	0.00262
50.00	-70.00	0.00196	60.00	-70.00	0.00151
70.00	-70.00	0.00121	80.00	-70.00	0.00099
90.00	-70.00	0.00082	100.00	-70.00	0.00070
-100.00	-60.00	0.00035	-90.00	-60.00	0.00041
-80.00	-60.00	0.00048	-70.00	-60.00	0.00057
-60.00	-60.00	0.00069	-50.00	-60.00	0.00083
-40.00	-60.00	0.00099	-30.00	-60.00	0.00117
-25.00	-60.00	0.00127	-20.00	-60.00	0.00137
-17.00	-60.00	0.00144	-15.00	-60.00	0.00149
-13.00	-60.00	0.00154	-11.00	-60.00	0.00160
-9.00	-60.00	0.00167	9.00	-60.00	0.00430
11.00	-60.00	0.00416	13.00	-60.00	0.00401
15.00	-60.00	0.00383	17.00	-60.00	0.00363
20.00	-60.00	0.00331	25.00	-60.00	0.00280
30.00	-60.00	0.00237	40.00	-60.00	0.00175
50.00	-60.00	0.00134	60.00	-60.00	0.00107
70.00	-60.00	0.00088	80.00	-60.00	0.00074
90.00	-60.00	0.00063	100.00	-60.00	0.00054
-100.00	-50.00	0.00035	-90.00	-50.00	0.00041
-80.00	-50.00	0.00048	-70.00	-50.00	0.00057
-60.00	-50.00	0.00067	-50.00	-50.00	0.00080
-40.00	-50.00	0.00095	-30.00	-50.00	0.00111
-25.00	-50.00	0.00119	-20.00	-50.00	0.00127
-17.00	-50.00	0.00132	-15.00	-50.00	0.00136
-13.00	-50.00	0.00139	-11.00	-50.00	0.00143
-9.00	-50.00	0.00147	9.00	-50.00	0.00244

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-50.00	0.00220	13.00	-50.00	0.00202
15.00	-50.00	0.00189	17.00	-50.00	0.00178
20.00	-50.00	0.00165	25.00	-50.00	0.00146
30.00	-50.00	0.00130	40.00	-50.00	0.00104
50.00	-50.00	0.00086	60.00	-50.00	0.00072
70.00	-50.00	0.00061	80.00	-50.00	0.00053
90.00	-50.00	0.00047	100.00	-50.00	0.00041
-100.00	-40.00	0.00035	-90.00	-40.00	0.00040
-80.00	-40.00	0.00047	-70.00	-40.00	0.00055
-60.00	-40.00	0.00064	-50.00	-40.00	0.00075
-40.00	-40.00	0.00087	-30.00	-40.00	0.00099
-25.00	-40.00	0.00105	-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      \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00113	-15.00	-40.00	0.00114
-13.00	-40.00	0.00115	-11.00	-40.00	0.00115
-9.00	-40.00	0.00113	9.00	-40.00	0.00073
11.00	-40.00	0.00073	13.00	-40.00	0.00073
15.00	-40.00	0.00073	17.00	-40.00	0.00073
20.00	-40.00	0.00073	25.00	-40.00	0.00071
30.00	-40.00	0.00068	40.00	-40.00	0.00061
50.00	-40.00	0.00054	60.00	-40.00	0.00048
70.00	-40.00	0.00043	80.00	-40.00	0.00038
90.00	-40.00	0.00035	100.00	-40.00	0.00031
-100.00	-30.00	0.00034	-90.00	-30.00	0.00039
-80.00	-30.00	0.00044	-70.00	-30.00	0.00051
-60.00	-30.00	0.00058	-50.00	-30.00	0.00067
-40.00	-30.00	0.00074	-30.00	-30.00	0.00081
-25.00	-30.00	0.00083	-20.00	-30.00	0.00084
-17.00	-30.00	0.00083	-15.00	-30.00	0.00081
-13.00	-30.00	0.00079	-11.00	-30.00	0.00076
-9.00	-30.00	0.00072	9.00	-30.00	0.00048
11.00	-30.00	0.00048	13.00	-30.00	0.00048
15.00	-30.00	0.00047	17.00	-30.00	0.00047
20.00	-30.00	0.00046	25.00	-30.00	0.00044
30.00	-30.00	0.00043	40.00	-30.00	0.00039

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-30.00	0.00036	60.00	-30.00	0.00033
70.00	-30.00	0.00031	80.00	-30.00	0.00028
90.00	-30.00	0.00026	100.00	-30.00	0.00024
-100.00	-20.00	0.00032	-90.00	-20.00	0.00036
-80.00	-20.00	0.00041	-70.00	-20.00	0.00046
-60.00	-20.00	0.00051	-50.00	-20.00	0.00057
-40.00	-20.00	0.00061	-30.00	-20.00	0.00063
-25.00	-20.00	0.00062	-20.00	-20.00	0.00059
-17.00	-20.00	0.00057	-15.00	-20.00	0.00055
-13.00	-20.00	0.00053	-11.00	-20.00	0.00050
-9.00	-20.00	0.00048	9.00	-20.00	0.00035
11.00	-20.00	0.00035	13.00	-20.00	0.00035
15.00	-20.00	0.00035	17.00	-20.00	0.00035
20.00	-20.00	0.00034	25.00	-20.00	0.00033
30.00	-20.00	0.00032	40.00	-20.00	0.00029
50.00	-20.00	0.00027	60.00	-20.00	0.00025
70.00	-20.00	0.00023	80.00	-20.00	0.00021
90.00	-20.00	0.00020	100.00	-20.00	0.00019

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

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

09:52:50

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00030	-90.00	-10.00	0.00033
-80.00	-10.00	0.00037	-70.00	-10.00	0.00041
-60.00	-10.00	0.00045	-50.00	-10.00	0.00048
-40.00	-10.00	0.00049	-30.00	-10.00	0.00047
-25.00	-10.00	0.00045	-20.00	-10.00	0.00042
-17.00	-10.00	0.00040	-15.00	-10.00	0.00039
-13.00	-10.00	0.00037	-11.00	-10.00	0.00036
-9.00	-10.00	0.00035	9.00	-10.00	0.00026
11.00	-10.00	0.00026	13.00	-10.00	0.00026
15.00	-10.00	0.00026	17.00	-10.00	0.00027
20.00	-10.00	0.00027	25.00	-10.00	0.00026
30.00	-10.00	0.00025	40.00	-10.00	0.00023
50.00	-10.00	0.00021	60.00	-10.00	0.00019
70.00	-10.00	0.00018	80.00	-10.00	0.00017
90.00	-10.00	0.00016	100.00	-10.00	0.00015
-100.00	0.00	0.00027	-90.00	0.00	0.00030



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	0.00	0.00033	-70.00	0.00	0.00036
-60.00	0.00	0.00038	-50.00	0.00	0.00039
-40.00	0.00	0.00038	-30.00	0.00	0.00035
-25.00	0.00	0.00033	-20.00	0.00	0.00031
-17.00	0.00	0.00030	-15.00	0.00	0.00029
-13.00	0.00	0.00028	-11.00	0.00	0.00027
-9.00	0.00	0.00026	9.00	0.00	0.00020
11.00	0.00	0.00020	13.00	0.00	0.00021
15.00	0.00	0.00021	17.00	0.00	0.00021
20.00	0.00	0.00021	25.00	0.00	0.00021
30.00	0.00	0.00021	40.00	0.00	0.00019
50.00	0.00	0.00018	60.00	0.00	0.00016
70.00	0.00	0.00015	80.00	0.00	0.00014
90.00	0.00	0.00013	100.00	0.00	0.00012
-100.00	10.00	0.00025	-90.00	10.00	0.00027
-80.00	10.00	0.00029	-70.00	10.00	0.00031
-60.00	10.00	0.00032	-50.00	10.00	0.00031
-40.00	10.00	0.00030	-30.00	10.00	0.00027
-25.00	10.00	0.00025	-20.00	10.00	0.00024
-17.00	10.00	0.00023	-15.00	10.00	0.00023
-13.00	10.00	0.00022	-11.00	10.00	0.00021
-9.00	10.00	0.00021	9.00	10.00	0.00016
11.00	10.00	0.00016	13.00	10.00	0.00016
15.00	10.00	0.00017	17.00	10.00	0.00017

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

09:52:50  
 \*\*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	10.00	0.00017	25.00	10.00	0.00017
30.00	10.00	0.00017	40.00	10.00	0.00016
50.00	10.00	0.00015	60.00	10.00	0.00014
70.00	10.00	0.00013	80.00	10.00	0.00012
90.00	10.00	0.00011	100.00	10.00	0.00010
-100.00	20.00	0.00023	-90.00	20.00	0.00024
-80.00	20.00	0.00025	-70.00	20.00	0.00026
-60.00	20.00	0.00026	-50.00	20.00	0.00025
-40.00	20.00	0.00023	-30.00	20.00	0.00021
-25.00	20.00	0.00020	-20.00	20.00	0.00019

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

09:52:50  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00013	-15.00	40.00	0.00013
-13.00	40.00	0.00012	-11.00	40.00	0.00012
-9.00	40.00	0.00012	9.00	40.00	0.00010
11.00	40.00	0.00010	13.00	40.00	0.00010

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

01NCRA PL91-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00005	25.00	90.00	0.00005
30.00	90.00	0.00005	40.00	90.00	0.00005
50.00	90.00	0.00005	60.00	90.00	0.00005
70.00	90.00	0.00005	80.00	90.00	0.00005
90.00	90.00	0.00005	100.00	90.00	0.00005
-100.00	100.00	0.00009	-90.00	100.00	0.00008
-80.00	100.00	0.00008	-70.00	100.00	0.00007
-60.00	100.00	0.00007	-50.00	100.00	0.00006
-40.00	100.00	0.00006	-30.00	100.00	0.00006
-25.00	100.00	0.00006	-20.00	100.00	0.00006
-17.00	100.00	0.00006	-15.00	100.00	0.00006
-13.00	100.00	0.00005	-11.00	100.00	0.00005
-9.00	100.00	0.00005	9.00	100.00	0.00005
11.00	100.00	0.00005	13.00	100.00	0.00004
15.00	100.00	0.00004	17.00	100.00	0.00004
20.00	100.00	0.00004	25.00	100.00	0.00004
30.00	100.00	0.00005	40.00	100.00	0.00005
50.00	100.00	0.00005	60.00	100.00	0.00005
70.00	100.00	0.00005	80.00	100.00	0.00005
90.00	100.00	0.00005	100.00	100.00	0.00004
-100.00	110.00	0.00008	-90.00	110.00	0.00007
-80.00	110.00	0.00007	-70.00	110.00	0.00006
-60.00	110.00	0.00006	-50.00	110.00	0.00006
-40.00	110.00	0.00006	-30.00	110.00	0.00006
-25.00	110.00	0.00005	-20.00	110.00	0.00005
-17.00	110.00	0.00005	-15.00	110.00	0.00005
-13.00	110.00	0.00005	-11.00	110.00	0.00005
-9.00	110.00	0.00005	9.00	110.00	0.00004
11.00	110.00	0.00004	13.00	110.00	0.00004
15.00	110.00	0.00004	17.00	110.00	0.00004
20.00	110.00	0.00004	25.00	110.00	0.00004
30.00	110.00	0.00004	40.00	110.00	0.00004
50.00	110.00	0.00004	60.00	110.00	0.00004
70.00	110.00	0.00004	80.00	110.00	0.00004
90.00	110.00	0.00004	100.00	110.00	0.00004
-100.00	120.00	0.00007	-90.00	120.00	0.00006

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	120.00	0.00006	-70.00	120.00	0.00006
-60.00	120.00	0.00005	-50.00	120.00	0.00005
-40.00	120.00	0.00005	-30.00	120.00	0.00005
-25.00	120.00	0.00005	-20.00	120.00	0.00005

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00005	-15.00	120.00	0.00004
-13.00	120.00	0.00004	-11.00	120.00	0.00004
-9.00	120.00	0.00004	9.00	120.00	0.00004
11.00	120.00	0.00004	13.00	120.00	0.00004
15.00	120.00	0.00004	17.00	120.00	0.00004
20.00	120.00	0.00004	25.00	120.00	0.00004
30.00	120.00	0.00004	40.00	120.00	0.00004
50.00	120.00	0.00004	60.00	120.00	0.00004
70.00	120.00	0.00004	80.00	120.00	0.00004
90.00	120.00	0.00004	100.00	120.00	0.00004
-100.00	130.00	0.00006	-90.00	130.00	0.00006
-80.00	130.00	0.00005	-70.00	130.00	0.00005
-60.00	130.00	0.00005	-50.00	130.00	0.00005
-40.00	130.00	0.00005	-30.00	130.00	0.00005
-25.00	130.00	0.00004	-20.00	130.00	0.00004
-17.00	130.00	0.00004	-15.00	130.00	0.00004
-13.00	130.00	0.00004	-11.00	130.00	0.00004
-9.00	130.00	0.00004	9.00	130.00	0.00003
11.00	130.00	0.00003	13.00	130.00	0.00003
15.00	130.00	0.00003	17.00	130.00	0.00003
20.00	130.00	0.00003	25.00	130.00	0.00003
30.00	130.00	0.00003	40.00	130.00	0.00003
50.00	130.00	0.00003	60.00	130.00	0.00003
70.00	130.00	0.00004	80.00	130.00	0.00004
90.00	130.00	0.00004	100.00	130.00	0.00004
-100.00	140.00	0.00005	-90.00	140.00	0.00005
-80.00	140.00	0.00005	-70.00	140.00	0.00005
-60.00	140.00	0.00004	-50.00	140.00	0.00004
-40.00	140.00	0.00004	-30.00	140.00	0.00004
-25.00	140.00	0.00004	-20.00	140.00	0.00004

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	140.00	0.00004	-15.00	140.00	0.00004
-13.00	140.00	0.00004	-11.00	140.00	0.00004
-9.00	140.00	0.00003	9.00	140.00	0.00003
11.00	140.00	0.00003	13.00	140.00	0.00003
15.00	140.00	0.00003	17.00	140.00	0.00003
20.00	140.00	0.00003	25.00	140.00	0.00003
30.00	140.00	0.00003	40.00	140.00	0.00003
50.00	140.00	0.00003	60.00	140.00	0.00003
70.00	140.00	0.00003	80.00	140.00	0.00003
90.00	140.00	0.00003	100.00	140.00	0.00003

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00002	25.00	170.00	0.00002
30.00	170.00	0.00002	40.00	170.00	0.00002
50.00	170.00	0.00002	60.00	170.00	0.00002
70.00	170.00	0.00003	80.00	170.00	0.00003
90.00	170.00	0.00003	100.00	170.00	0.00003
-100.00	180.00	0.00004	-90.00	180.00	0.00003
-80.00	180.00	0.00003	-70.00	180.00	0.00003
-60.00	180.00	0.00003	-50.00	180.00	0.00003
-40.00	180.00	0.00003	-30.00	180.00	0.00003
-25.00	180.00	0.00003	-20.00	180.00	0.00003
-17.00	180.00	0.00003	-15.00	180.00	0.00003
-13.00	180.00	0.00003	-11.00	180.00	0.00003
-9.00	180.00	0.00003	9.00	180.00	0.00002
11.00	180.00	0.00002	13.00	180.00	0.00002
15.00	180.00	0.00002	17.00	180.00	0.00002
20.00	180.00	0.00002	25.00	180.00	0.00002
30.00	180.00	0.00002	40.00	180.00	0.00002
50.00	180.00	0.00002	60.00	180.00	0.00002



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	180.00	0.00002	80.00	180.00	0.00002
90.00	180.00	0.00002	100.00	180.00	0.00002
-100.00	190.00	0.00003	-90.00	190.00	0.00003
-80.00	190.00	0.00003	-70.00	190.00	0.00003
-60.00	190.00	0.00003	-50.00	190.00	0.00003
-40.00	190.00	0.00003	-30.00	190.00	0.00003
-25.00	190.00	0.00003	-20.00	190.00	0.00003
-17.00	190.00	0.00002	-15.00	190.00	0.00002
-13.00	190.00	0.00002	-11.00	190.00	0.00002
-9.00	190.00	0.00002	9.00	190.00	0.00002
11.00	190.00	0.00002	13.00	190.00	0.00002
15.00	190.00	0.00002	17.00	190.00	0.00002
20.00	190.00	0.00002	25.00	190.00	0.00002
30.00	190.00	0.00002	40.00	190.00	0.00002
50.00	190.00	0.00002	60.00	190.00	0.00002
70.00	190.00	0.00002	80.00	190.00	0.00002
90.00	190.00	0.00002	100.00	190.00	0.00002
-100.00	200.00	0.00003	-90.00	200.00	0.00003
-80.00	200.00	0.00003	-70.00	200.00	0.00003
-60.00	200.00	0.00003	-50.00	200.00	0.00003
-40.00	200.00	0.00003	-30.00	200.00	0.00003
-25.00	200.00	0.00002	-20.00	200.00	0.00002

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

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

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00002	-15.00	200.00	0.00002
-13.00	200.00	0.00002	-11.00	200.00	0.00002
-9.00	200.00	0.00002	9.00	200.00	0.00002
11.00	200.00	0.00002	13.00	200.00	0.00002
15.00	200.00	0.00002	17.00	200.00	0.00002
20.00	200.00	0.00002	25.00	200.00	0.00002
30.00	200.00	0.00002	40.00	200.00	0.00002
50.00	200.00	0.00002	60.00	200.00	0.00002
70.00	200.00	0.00002	80.00	200.00	0.00002
90.00	200.00	0.00002	100.00	200.00	0.00002
-100.00	210.00	0.00003	-90.00	210.00	0.00003
-80.00	210.00	0.00003	-70.00	210.00	0.00003

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	210.00	0.00003	-50.00	210.00	0.00003
-40.00	210.00	0.00002	-30.00	210.00	0.00002
-25.00	210.00	0.00002	-20.00	210.00	0.00002
-17.00	210.00	0.00002	-15.00	210.00	0.00002
-13.00	210.00	0.00002	-11.00	210.00	0.00002
-9.00	210.00	0.00002	9.00	210.00	0.00002
11.00	210.00	0.00002	13.00	210.00	0.00002
15.00	210.00	0.00002	17.00	210.00	0.00002
20.00	210.00	0.00002	25.00	210.00	0.00002
30.00	210.00	0.00002	40.00	210.00	0.00002
50.00	210.00	0.00002	60.00	210.00	0.00002
70.00	210.00	0.00002	80.00	210.00	0.00002
90.00	210.00	0.00002	100.00	210.00	0.00002
-100.00	220.00	0.00003	-90.00	220.00	0.00002
-80.00	220.00	0.00002	-70.00	220.00	0.00002
-60.00	220.00	0.00002	-50.00	220.00	0.00002
-40.00	220.00	0.00002	-30.00	220.00	0.00002
-25.00	220.00	0.00002	-20.00	220.00	0.00002
-17.00	220.00	0.00002	-15.00	220.00	0.00002
-13.00	220.00	0.00002	-11.00	220.00	0.00002
-9.00	220.00	0.00002	9.00	220.00	0.00002
11.00	220.00	0.00002	13.00	220.00	0.00002
15.00	220.00	0.00002	17.00	220.00	0.00002
20.00	220.00	0.00002	25.00	220.00	0.00002
30.00	220.00	0.00002	40.00	220.00	0.00002
50.00	220.00	0.00002	60.00	220.00	0.00002
70.00	220.00	0.00002	80.00	220.00	0.00002
90.00	220.00	0.00002	100.00	220.00	0.00002

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

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

09:52:50  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00002	-90.00	230.00	0.00002
-80.00	230.00	0.00002	-70.00	230.00	0.00002
-60.00	230.00	0.00002	-50.00	230.00	0.00002
-40.00	230.00	0.00002	-30.00	230.00	0.00002
-25.00	230.00	0.00002	-20.00	230.00	0.00002
-17.00	230.00	0.00002	-15.00	230.00	0.00002

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	230.00	0.00002	-11.00	230.00	0.00002
-9.00	230.00	0.00002	9.00	230.00	0.00002
11.00	230.00	0.00002	13.00	230.00	0.00002
15.00	230.00	0.00002	17.00	230.00	0.00002
20.00	230.00	0.00002	25.00	230.00	0.00002
30.00	230.00	0.00002	40.00	230.00	0.00002
50.00	230.00	0.00002	60.00	230.00	0.00002
70.00	230.00	0.00002	80.00	230.00	0.00002
90.00	230.00	0.00002	100.00	230.00	0.00002
-100.00	240.00	0.00002	-90.00	240.00	0.00002
-80.00	240.00	0.00002	-70.00	240.00	0.00002
-60.00	240.00	0.00002	-50.00	240.00	0.00002
-40.00	240.00	0.00002	-30.00	240.00	0.00002
-25.00	240.00	0.00002	-20.00	240.00	0.00002
-17.00	240.00	0.00002	-15.00	240.00	0.00002
-13.00	240.00	0.00002	-11.00	240.00	0.00002
-9.00	240.00	0.00002	9.00	240.00	0.00002
11.00	240.00	0.00002	13.00	240.00	0.00002
15.00	240.00	0.00002	17.00	240.00	0.00002
20.00	240.00	0.00002	25.00	240.00	0.00001
30.00	240.00	0.00001	40.00	240.00	0.00002
50.00	240.00	0.00002	60.00	240.00	0.00002
70.00	240.00	0.00002	80.00	240.00	0.00002
90.00	240.00	0.00002	100.00	240.00	0.00002
-100.00	250.00	0.00002	-90.00	250.00	0.00002
-80.00	250.00	0.00002	-70.00	250.00	0.00002
-60.00	250.00	0.00002	-50.00	250.00	0.00002
-40.00	250.00	0.00002	-30.00	250.00	0.00002
-25.00	250.00	0.00002	-20.00	250.00	0.00002
-17.00	250.00	0.00002	-15.00	250.00	0.00002
-13.00	250.00	0.00002	-11.00	250.00	0.00002
-9.00	250.00	0.00002	9.00	250.00	0.00001
11.00	250.00	0.00001	13.00	250.00	0.00001
15.00	250.00	0.00001	17.00	250.00	0.00001

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

04/20/08

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

09:52:50

\*\*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
-----	-----	-----	-----	-----	-----

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	250.00	0.00001	25.00	250.00	0.00001
30.00	250.00	0.00001	40.00	250.00	0.00001
50.00	250.00	0.00001	60.00	250.00	0.00001
70.00	250.00	0.00001	80.00	250.00	0.00001
90.00	250.00	0.00001	100.00	250.00	0.00001

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	0.00020	-90.00	-250.00	0.00023
-80.00	-250.00	0.00027	-70.00	-250.00	0.00031
-60.00	-250.00	0.00036	-50.00	-250.00	0.00042
-40.00	-250.00	0.00048	-30.00	-250.00	0.00055
-25.00	-250.00	0.00058	-20.00	-250.00	0.00063
-17.00	-250.00	0.00066	-15.00	-250.00	0.00068
-13.00	-250.00	0.00072	-11.00	-250.00	0.00076
-9.00	-250.00	0.00081	9.00	-250.00	0.00161
11.00	-250.00	0.00173	13.00	-250.00	0.00186
15.00	-250.00	0.00198	17.00	-250.00	0.00211
20.00	-250.00	0.00230	25.00	-250.00	0.00258
30.00	-250.00	0.00280	40.00	-250.00	0.00301
50.00	-250.00	0.00295	60.00	-250.00	0.00275
70.00	-250.00	0.00249	80.00	-250.00	0.00223
90.00	-250.00	0.00199	100.00	-250.00	0.00176
-100.00	-240.00	0.00021	-90.00	-240.00	0.00024
-80.00	-240.00	0.00028	-70.00	-240.00	0.00033
-60.00	-240.00	0.00038	-50.00	-240.00	0.00045
-40.00	-240.00	0.00053	-30.00	-240.00	0.00062
-25.00	-240.00	0.00067	-20.00	-240.00	0.00073
-17.00	-240.00	0.00077	-15.00	-240.00	0.00080
-13.00	-240.00	0.00083	-11.00	-240.00	0.00088
-9.00	-240.00	0.00093	9.00	-240.00	0.00229
11.00	-240.00	0.00253	13.00	-240.00	0.00276
15.00	-240.00	0.00298	17.00	-240.00	0.00320
20.00	-240.00	0.00347	25.00	-240.00	0.00379
30.00	-240.00	0.00391	40.00	-240.00	0.00381
50.00	-240.00	0.00348	60.00	-240.00	0.00310
70.00	-240.00	0.00272	80.00	-240.00	0.00238

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-240.00	0.00207	100.00	-240.00	0.00180
-100.00	-230.00	0.00022	-90.00	-230.00	0.00026
-80.00	-230.00	0.00030	-70.00	-230.00	0.00035
-60.00	-230.00	0.00042	-50.00	-230.00	0.00049
-40.00	-230.00	0.00058	-30.00	-230.00	0.00068
-25.00	-230.00	0.00074	-20.00	-230.00	0.00081
-17.00	-230.00	0.00086	-15.00	-230.00	0.00091
-13.00	-230.00	0.00096	-11.00	-230.00	0.00103
-9.00	-230.00	0.00111	9.00	-230.00	0.00410
11.00	-230.00	0.00444	13.00	-230.00	0.00469
15.00	-230.00	0.00486	17.00	-230.00	0.00498

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
20.00	-230.00	0.00507	25.00	-230.00	0.00506
30.00	-230.00	0.00491	40.00	-230.00	0.00441
50.00	-230.00	0.00385	60.00	-230.00	0.00333
70.00	-230.00	0.00286	80.00	-230.00	0.00245
90.00	-230.00	0.00209	100.00	-230.00	0.00179
-100.00	-220.00	0.00023	-90.00	-220.00	0.00027
-80.00	-220.00	0.00032	-70.00	-220.00	0.00038
-60.00	-220.00	0.00045	-50.00	-220.00	0.00054
-40.00	-220.00	0.00065	-30.00	-220.00	0.00079
-25.00	-220.00	0.00087	-20.00	-220.00	0.00096
-17.00	-220.00	0.00104	-15.00	-220.00	0.00110
-13.00	-220.00	0.00117	-11.00	-220.00	0.00127
-9.00	-220.00	0.00141	9.00	-220.00	0.00574
11.00	-220.00	0.00583	13.00	-220.00	0.00590
15.00	-220.00	0.00594	17.00	-220.00	0.00595
20.00	-220.00	0.00590	25.00	-220.00	0.00570
30.00	-220.00	0.00541	40.00	-220.00	0.00472
50.00	-220.00	0.00403	60.00	-220.00	0.00341
70.00	-220.00	0.00288	80.00	-220.00	0.00243
90.00	-220.00	0.00205	100.00	-220.00	0.00173
-100.00	-210.00	0.00025	-90.00	-210.00	0.00029
-80.00	-210.00	0.00035	-70.00	-210.00	0.00042
-60.00	-210.00	0.00050	-50.00	-210.00	0.00061

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-210.00	0.00076	-30.00	-210.00	0.00094
-25.00	-210.00	0.00105	-20.00	-210.00	0.00119
-17.00	-210.00	0.00130	-15.00	-210.00	0.00138
-13.00	-210.00	0.00148	-11.00	-210.00	0.00161
-9.00	-210.00	0.00177	9.00	-210.00	0.00589
11.00	-210.00	0.00598	13.00	-210.00	0.00605
15.00	-210.00	0.00609	17.00	-210.00	0.00610
20.00	-210.00	0.00605	25.00	-210.00	0.00583
30.00	-210.00	0.00551	40.00	-210.00	0.00476
50.00	-210.00	0.00402	60.00	-210.00	0.00336
70.00	-210.00	0.00279	80.00	-210.00	0.00232
90.00	-210.00	0.00193	100.00	-210.00	0.00161
-100.00	-200.00	0.00026	-90.00	-200.00	0.00031
-80.00	-200.00	0.00037	-70.00	-200.00	0.00045
-60.00	-200.00	0.00056	-50.00	-200.00	0.00069
-40.00	-200.00	0.00086	-30.00	-200.00	0.00109
-25.00	-200.00	0.00123	-20.00	-200.00	0.00139

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
-17.00	-200.00	0.00151	-15.00	-200.00	0.00159
-13.00	-200.00	0.00169	-11.00	-200.00	0.00180
-9.00	-200.00	0.00194	9.00	-200.00	0.00590
11.00	-200.00	0.00598	13.00	-200.00	0.00604
15.00	-200.00	0.00607	17.00	-200.00	0.00607
20.00	-200.00	0.00600	25.00	-200.00	0.00576
30.00	-200.00	0.00542	40.00	-200.00	0.00464
50.00	-200.00	0.00387	60.00	-200.00	0.00319
70.00	-200.00	0.00261	80.00	-200.00	0.00213
90.00	-200.00	0.00175	100.00	-200.00	0.00145
-100.00	-190.00	0.00029	-90.00	-190.00	0.00034
-80.00	-190.00	0.00040	-70.00	-190.00	0.00049
-60.00	-190.00	0.00060	-50.00	-190.00	0.00075
-40.00	-190.00	0.00094	-30.00	-190.00	0.00119
-25.00	-190.00	0.00134	-20.00	-190.00	0.00151
-17.00	-190.00	0.00162	-15.00	-190.00	0.00169
-13.00	-190.00	0.00177	-11.00	-190.00	0.00187

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-190.00	0.00198	9.00	-190.00	0.00583
11.00	-190.00	0.00589	13.00	-190.00	0.00595
15.00	-190.00	0.00596	17.00	-190.00	0.00594
20.00	-190.00	0.00585	25.00	-190.00	0.00558
30.00	-190.00	0.00522	40.00	-190.00	0.00440
50.00	-190.00	0.00360	60.00	-190.00	0.00290
70.00	-190.00	0.00233	80.00	-190.00	0.00188
90.00	-190.00	0.00153	100.00	-190.00	0.00126
-100.00	-180.00	0.00031	-90.00	-180.00	0.00036
-80.00	-180.00	0.00043	-70.00	-180.00	0.00052
-60.00	-180.00	0.00063	-50.00	-180.00	0.00079
-40.00	-180.00	0.00100	-30.00	-180.00	0.00125
-25.00	-180.00	0.00139	-20.00	-180.00	0.00155
-17.00	-180.00	0.00164	-15.00	-180.00	0.00171
-13.00	-180.00	0.00178	-11.00	-180.00	0.00186
-9.00	-180.00	0.00197	9.00	-180.00	0.00567
11.00	-180.00	0.00572	13.00	-180.00	0.00576
15.00	-180.00	0.00575	17.00	-180.00	0.00572
20.00	-180.00	0.00560	25.00	-180.00	0.00529
30.00	-180.00	0.00489	40.00	-180.00	0.00401
50.00	-180.00	0.00318	60.00	-180.00	0.00250
70.00	-180.00	0.00197	80.00	-180.00	0.00158
90.00	-180.00	0.00128	100.00	-180.00	0.00106

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

09:52:50  
 \*\*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	0.00033	-90.00	-170.00	0.00038
-80.00	-170.00	0.00045	-70.00	-170.00	0.00054
-60.00	-170.00	0.00066	-50.00	-170.00	0.00082
-40.00	-170.00	0.00101	-30.00	-170.00	0.00126
-25.00	-170.00	0.00139	-20.00	-170.00	0.00153
-17.00	-170.00	0.00161	-15.00	-170.00	0.00167
-13.00	-170.00	0.00174	-11.00	-170.00	0.00181
-9.00	-170.00	0.00190	9.00	-170.00	0.00542
11.00	-170.00	0.00544	13.00	-170.00	0.00545
15.00	-170.00	0.00542	17.00	-170.00	0.00536
20.00	-170.00	0.00520	25.00	-170.00	0.00483

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-170.00	0.00437	40.00	-170.00	0.00342
50.00	-170.00	0.00262	60.00	-170.00	0.00201
70.00	-170.00	0.00158	80.00	-170.00	0.00127
90.00	-170.00	0.00104	100.00	-170.00	0.00087
-100.00	-160.00	0.00034	-90.00	-160.00	0.00040
-80.00	-160.00	0.00047	-70.00	-160.00	0.00057
-60.00	-160.00	0.00068	-50.00	-160.00	0.00083
-40.00	-160.00	0.00101	-30.00	-160.00	0.00122
-25.00	-160.00	0.00134	-20.00	-160.00	0.00146
-17.00	-160.00	0.00154	-15.00	-160.00	0.00160
-13.00	-160.00	0.00166	-11.00	-160.00	0.00172
-9.00	-160.00	0.00180	9.00	-160.00	0.00502
11.00	-160.00	0.00499	13.00	-160.00	0.00494
15.00	-160.00	0.00487	17.00	-160.00	0.00476
20.00	-160.00	0.00454	25.00	-160.00	0.00406
30.00	-160.00	0.00354	40.00	-160.00	0.00262
50.00	-160.00	0.00196	60.00	-160.00	0.00151
70.00	-160.00	0.00121	80.00	-160.00	0.00099
90.00	-160.00	0.00082	100.00	-160.00	0.00070
-100.00	-150.00	0.00035	-90.00	-150.00	0.00041
-80.00	-150.00	0.00048	-70.00	-150.00	0.00057
-60.00	-150.00	0.00069	-50.00	-150.00	0.00083
-40.00	-150.00	0.00099	-30.00	-150.00	0.00117
-25.00	-150.00	0.00127	-20.00	-150.00	0.00137
-17.00	-150.00	0.00144	-15.00	-150.00	0.00149
-13.00	-150.00	0.00154	-11.00	-150.00	0.00160
-9.00	-150.00	0.00167	9.00	-150.00	0.00430
11.00	-150.00	0.00416	13.00	-150.00	0.00401
15.00	-150.00	0.00383	17.00	-150.00	0.00363

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

09:52:50  
 \*\*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	0.00331	25.00	-150.00	0.00280
30.00	-150.00	0.00237	40.00	-150.00	0.00175
50.00	-150.00	0.00134	60.00	-150.00	0.00107
70.00	-150.00	0.00088	80.00	-150.00	0.00074
90.00	-150.00	0.00063	100.00	-150.00	0.00054



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-140.00	0.00035	-90.00	-140.00	0.00041
-80.00	-140.00	0.00048	-70.00	-140.00	0.00057
-60.00	-140.00	0.00067	-50.00	-140.00	0.00080
-40.00	-140.00	0.00095	-30.00	-140.00	0.00111
-25.00	-140.00	0.00119	-20.00	-140.00	0.00127
-17.00	-140.00	0.00132	-15.00	-140.00	0.00136
-13.00	-140.00	0.00139	-11.00	-140.00	0.00143
-9.00	-140.00	0.00147	9.00	-140.00	0.00244
11.00	-140.00	0.00220	13.00	-140.00	0.00202
15.00	-140.00	0.00189	17.00	-140.00	0.00178
20.00	-140.00	0.00165	25.00	-140.00	0.00146
30.00	-140.00	0.00130	40.00	-140.00	0.00104
50.00	-140.00	0.00086	60.00	-140.00	0.00072
70.00	-140.00	0.00061	80.00	-140.00	0.00053
90.00	-140.00	0.00047	100.00	-140.00	0.00041
-100.00	-130.00	0.00035	-90.00	-130.00	0.00040
-80.00	-130.00	0.00047	-70.00	-130.00	0.00055
-60.00	-130.00	0.00064	-50.00	-130.00	0.00075
-40.00	-130.00	0.00087	-30.00	-130.00	0.00099
-25.00	-130.00	0.00105	-20.00	-130.00	0.00110
-17.00	-130.00	0.00113	-15.00	-130.00	0.00114
-13.00	-130.00	0.00115	-11.00	-130.00	0.00115
-9.00	-130.00	0.00113	9.00	-130.00	0.00073
11.00	-130.00	0.00073	13.00	-130.00	0.00073
15.00	-130.00	0.00073	17.00	-130.00	0.00073
20.00	-130.00	0.00073	25.00	-130.00	0.00071
30.00	-130.00	0.00068	40.00	-130.00	0.00061
50.00	-130.00	0.00054	60.00	-130.00	0.00048
70.00	-130.00	0.00043	80.00	-130.00	0.00038
90.00	-130.00	0.00035	100.00	-130.00	0.00031
-100.00	-120.00	0.00034	-90.00	-120.00	0.00039
-80.00	-120.00	0.00044	-70.00	-120.00	0.00051
-60.00	-120.00	0.00058	-50.00	-120.00	0.00067
-40.00	-120.00	0.00074	-30.00	-120.00	0.00081
-25.00	-120.00	0.00083	-20.00	-120.00	0.00084

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 09:52:50  
 \*\*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      \*\*

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00083	-15.00	-120.00	0.00081
-13.00	-120.00	0.00079	-11.00	-120.00	0.00076
-9.00	-120.00	0.00072	9.00	-120.00	0.00048
11.00	-120.00	0.00048	13.00	-120.00	0.00048
15.00	-120.00	0.00047	17.00	-120.00	0.00047
20.00	-120.00	0.00046	25.00	-120.00	0.00044
30.00	-120.00	0.00043	40.00	-120.00	0.00039
50.00	-120.00	0.00036	60.00	-120.00	0.00033
70.00	-120.00	0.00031	80.00	-120.00	0.00028
90.00	-120.00	0.00026	100.00	-120.00	0.00024
-100.00	-110.00	0.00032	-90.00	-110.00	0.00036
-80.00	-110.00	0.00041	-70.00	-110.00	0.00046
-60.00	-110.00	0.00051	-50.00	-110.00	0.00057
-40.00	-110.00	0.00061	-30.00	-110.00	0.00063
-25.00	-110.00	0.00062	-20.00	-110.00	0.00059
-17.00	-110.00	0.00057	-15.00	-110.00	0.00055
-13.00	-110.00	0.00053	-11.00	-110.00	0.00050
-9.00	-110.00	0.00048	9.00	-110.00	0.00035
11.00	-110.00	0.00035	13.00	-110.00	0.00035
15.00	-110.00	0.00035	17.00	-110.00	0.00035
20.00	-110.00	0.00034	25.00	-110.00	0.00033
30.00	-110.00	0.00032	40.00	-110.00	0.00029
50.00	-110.00	0.00027	60.00	-110.00	0.00025
70.00	-110.00	0.00023	80.00	-110.00	0.00021
90.00	-110.00	0.00020	100.00	-110.00	0.00019
-100.00	-100.00	0.00030	-90.00	-100.00	0.00033
-80.00	-100.00	0.00037	-70.00	-100.00	0.00041
-60.00	-100.00	0.00045	-50.00	-100.00	0.00048
-40.00	-100.00	0.00049	-30.00	-100.00	0.00047
-25.00	-100.00	0.00045	-20.00	-100.00	0.00042
-17.00	-100.00	0.00040	-15.00	-100.00	0.00039
-13.00	-100.00	0.00037	-11.00	-100.00	0.00036
-9.00	-100.00	0.00035	9.00	-100.00	0.00026
11.00	-100.00	0.00026	13.00	-100.00	0.00026
15.00	-100.00	0.00026	17.00	-100.00	0.00027
20.00	-100.00	0.00027	25.00	-100.00	0.00026
30.00	-100.00	0.00025	40.00	-100.00	0.00023
50.00	-100.00	0.00021	60.00	-100.00	0.00019
70.00	-100.00	0.00018	80.00	-100.00	0.00017
90.00	-100.00	0.00016	100.00	-100.00	0.00015

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00027	-90.00	-90.00	0.00030
-80.00	-90.00	0.00033	-70.00	-90.00	0.00036
-60.00	-90.00	0.00038	-50.00	-90.00	0.00039
-40.00	-90.00	0.00038	-30.00	-90.00	0.00035
-25.00	-90.00	0.00033	-20.00	-90.00	0.00031
-17.00	-90.00	0.00030	-15.00	-90.00	0.00029
-13.00	-90.00	0.00028	-11.00	-90.00	0.00027
-9.00	-90.00	0.00026	9.00	-90.00	0.00020
11.00	-90.00	0.00020	13.00	-90.00	0.00021
15.00	-90.00	0.00021	17.00	-90.00	0.00021
20.00	-90.00	0.00021	25.00	-90.00	0.00021
30.00	-90.00	0.00021	40.00	-90.00	0.00019
50.00	-90.00	0.00018	60.00	-90.00	0.00016
70.00	-90.00	0.00015	80.00	-90.00	0.00014
90.00	-90.00	0.00013	100.00	-90.00	0.00012
-100.00	-80.00	0.00025	-90.00	-80.00	0.00027
-80.00	-80.00	0.00029	-70.00	-80.00	0.00031
-60.00	-80.00	0.00032	-50.00	-80.00	0.00031
-40.00	-80.00	0.00030	-30.00	-80.00	0.00027
-25.00	-80.00	0.00025	-20.00	-80.00	0.00024
-17.00	-80.00	0.00023	-15.00	-80.00	0.00023
-13.00	-80.00	0.00022	-11.00	-80.00	0.00021
-9.00	-80.00	0.00021	9.00	-80.00	0.00016
11.00	-80.00	0.00016	13.00	-80.00	0.00016
15.00	-80.00	0.00017	17.00	-80.00	0.00017
20.00	-80.00	0.00017	25.00	-80.00	0.00017
30.00	-80.00	0.00017	40.00	-80.00	0.00016
50.00	-80.00	0.00015	60.00	-80.00	0.00014
70.00	-80.00	0.00013	80.00	-80.00	0.00012
90.00	-80.00	0.00011	100.00	-80.00	0.00010
-100.00	-70.00	0.00023	-90.00	-70.00	0.00024
-80.00	-70.00	0.00025	-70.00	-70.00	0.00026
-60.00	-70.00	0.00026	-50.00	-70.00	0.00025
-40.00	-70.00	0.00023	-30.00	-70.00	0.00021
-25.00	-70.00	0.00020	-20.00	-70.00	0.00019
-17.00	-70.00	0.00019	-15.00	-70.00	0.00018
-13.00	-70.00	0.00018	-11.00	-70.00	0.00017

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-70.00	0.00017	9.00	-70.00	0.00014
11.00	-70.00	0.00013	13.00	-70.00	0.00014
15.00	-70.00	0.00014	17.00	-70.00	0.00014

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

09:52:50  
 \*\*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	0.00014	25.00	-70.00	0.00014
30.00	-70.00	0.00014	40.00	-70.00	0.00014
50.00	-70.00	0.00013	60.00	-70.00	0.00012
70.00	-70.00	0.00011	80.00	-70.00	0.00010
90.00	-70.00	0.00009	100.00	-70.00	0.00009
-100.00	-60.00	0.00020	-90.00	-60.00	0.00021
-80.00	-60.00	0.00022	-70.00	-60.00	0.00022
-60.00	-60.00	0.00022	-50.00	-60.00	0.00020
-40.00	-60.00	0.00019	-30.00	-60.00	0.00017
-25.00	-60.00	0.00016	-20.00	-60.00	0.00016
-17.00	-60.00	0.00015	-15.00	-60.00	0.00015
-13.00	-60.00	0.00015	-11.00	-60.00	0.00014
-9.00	-60.00	0.00014	9.00	-60.00	0.00011
11.00	-60.00	0.00011	13.00	-60.00	0.00011
15.00	-60.00	0.00011	17.00	-60.00	0.00011
20.00	-60.00	0.00011	25.00	-60.00	0.00012
30.00	-60.00	0.00012	40.00	-60.00	0.00012
50.00	-60.00	0.00012	60.00	-60.00	0.00011
70.00	-60.00	0.00010	80.00	-60.00	0.00009
90.00	-60.00	0.00008	100.00	-60.00	0.00008
-100.00	-50.00	0.00018	-90.00	-50.00	0.00019
-80.00	-50.00	0.00019	-70.00	-50.00	0.00019
-60.00	-50.00	0.00018	-50.00	-50.00	0.00017
-40.00	-50.00	0.00015	-30.00	-50.00	0.00014
-25.00	-50.00	0.00014	-20.00	-50.00	0.00013
-17.00	-50.00	0.00013	-15.00	-50.00	0.00013
-13.00	-50.00	0.00012	-11.00	-50.00	0.00012
-9.00	-50.00	0.00012	9.00	-50.00	0.00010
11.00	-50.00	0.00010	13.00	-50.00	0.00010
15.00	-50.00	0.00010	17.00	-50.00	0.00010
20.00	-50.00	0.00010	25.00	-50.00	0.00010

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-50.00	0.00010	40.00	-50.00	0.00010
50.00	-50.00	0.00010	60.00	-50.00	0.00010
70.00	-50.00	0.00009	80.00	-50.00	0.00008
90.00	-50.00	0.00008	100.00	-50.00	0.00007
-100.00	-40.00	0.00016	-90.00	-40.00	0.00016
-80.00	-40.00	0.00016	-70.00	-40.00	0.00016
-60.00	-40.00	0.00015	-50.00	-40.00	0.00014
-40.00	-40.00	0.00012	-30.00	-40.00	0.00012
-25.00	-40.00	0.00012	-20.00	-40.00	0.00011

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

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

09:52:50

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

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*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	0.00011	-90.00	-10.00	0.00011
-80.00	-10.00	0.00010	-70.00	-10.00	0.00010
-60.00	-10.00	0.00009	-50.00	-10.00	0.00008
-40.00	-10.00	0.00008	-30.00	-10.00	0.00008
-25.00	-10.00	0.00008	-20.00	-10.00	0.00007
-17.00	-10.00	0.00007	-15.00	-10.00	0.00007
-13.00	-10.00	0.00007	-11.00	-10.00	0.00007
-9.00	-10.00	0.00007	9.00	-10.00	0.00006
11.00	-10.00	0.00006	13.00	-10.00	0.00006
15.00	-10.00	0.00006	17.00	-10.00	0.00006
20.00	-10.00	0.00006	25.00	-10.00	0.00006
30.00	-10.00	0.00006	40.00	-10.00	0.00006
50.00	-10.00	0.00006	60.00	-10.00	0.00006
70.00	-10.00	0.00006	80.00	-10.00	0.00006
90.00	-10.00	0.00006	100.00	-10.00	0.00005
-100.00	0.00	0.00010	-90.00	0.00	0.00010
-80.00	0.00	0.00009	-70.00	0.00	0.00008
-60.00	0.00	0.00008	-50.00	0.00	0.00007
-40.00	0.00	0.00007	-30.00	0.00	0.00007

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	0.00	0.00007	-20.00	0.00	0.00006
-17.00	0.00	0.00006	-15.00	0.00	0.00006
-13.00	0.00	0.00006	-11.00	0.00	0.00006
-9.00	0.00	0.00006	9.00	0.00	0.00005
11.00	0.00	0.00005	13.00	0.00	0.00005
15.00	0.00	0.00005	17.00	0.00	0.00005
20.00	0.00	0.00005	25.00	0.00	0.00005
30.00	0.00	0.00005	40.00	0.00	0.00005
50.00	0.00	0.00005	60.00	0.00	0.00005
70.00	0.00	0.00005	80.00	0.00	0.00005
90.00	0.00	0.00005	100.00	0.00	0.00005
-100.00	10.00	0.00009	-90.00	10.00	0.00008
-80.00	10.00	0.00008	-70.00	10.00	0.00007
-60.00	10.00	0.00007	-50.00	10.00	0.00006
-40.00	10.00	0.00006	-30.00	10.00	0.00006
-25.00	10.00	0.00006	-20.00	10.00	0.00006
-17.00	10.00	0.00006	-15.00	10.00	0.00006
-13.00	10.00	0.00005	-11.00	10.00	0.00005
-9.00	10.00	0.00005	9.00	10.00	0.00005
11.00	10.00	0.00005	13.00	10.00	0.00004
15.00	10.00	0.00004	17.00	10.00	0.00004

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

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

09:52:50

\*\*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	0.00004	25.00	10.00	0.00004
30.00	10.00	0.00005	40.00	10.00	0.00005
50.00	10.00	0.00005	60.00	10.00	0.00005
70.00	10.00	0.00005	80.00	10.00	0.00005
90.00	10.00	0.00005	100.00	10.00	0.00004
-100.00	20.00	0.00008	-90.00	20.00	0.00007
-80.00	20.00	0.00007	-70.00	20.00	0.00006
-60.00	20.00	0.00006	-50.00	20.00	0.00006
-40.00	20.00	0.00006	-30.00	20.00	0.00006
-25.00	20.00	0.00005	-20.00	20.00	0.00005
-17.00	20.00	0.00005	-15.00	20.00	0.00005
-13.00	20.00	0.00005	-11.00	20.00	0.00005
-9.00	20.00	0.00005	9.00	20.00	0.00004

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

09:52:50

\*\*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	0.00004	-15.00	40.00	0.00004
-13.00	40.00	0.00004	-11.00	40.00	0.00004
-9.00	40.00	0.00004	9.00	40.00	0.00003
11.00	40.00	0.00003	13.00	40.00	0.00003
15.00	40.00	0.00003	17.00	40.00	0.00003
20.00	40.00	0.00003	25.00	40.00	0.00003
30.00	40.00	0.00003	40.00	40.00	0.00003



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

09:52:50  
 \*\*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	0.00004	-90.00	70.00	0.00004

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTs:

PAGE 116

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00002	25.00	90.00	0.00002
30.00	90.00	0.00002	40.00	90.00	0.00002
50.00	90.00	0.00002	60.00	90.00	0.00002
70.00	90.00	0.00002	80.00	90.00	0.00002
90.00	90.00	0.00002	100.00	90.00	0.00002
-100.00	100.00	0.00003	-90.00	100.00	0.00003
-80.00	100.00	0.00003	-70.00	100.00	0.00003
-60.00	100.00	0.00003	-50.00	100.00	0.00003
-40.00	100.00	0.00003	-30.00	100.00	0.00003
-25.00	100.00	0.00003	-20.00	100.00	0.00003
-17.00	100.00	0.00002	-15.00	100.00	0.00002
-13.00	100.00	0.00002	-11.00	100.00	0.00002
-9.00	100.00	0.00002	9.00	100.00	0.00002
11.00	100.00	0.00002	13.00	100.00	0.00002
15.00	100.00	0.00002	17.00	100.00	0.00002
20.00	100.00	0.00002	25.00	100.00	0.00002
30.00	100.00	0.00002	40.00	100.00	0.00002
50.00	100.00	0.00002	60.00	100.00	0.00002
70.00	100.00	0.00002	80.00	100.00	0.00002
90.00	100.00	0.00002	100.00	100.00	0.00002
-100.00	110.00	0.00003	-90.00	110.00	0.00003
-80.00	110.00	0.00003	-70.00	110.00	0.00003
-60.00	110.00	0.00003	-50.00	110.00	0.00003
-40.00	110.00	0.00003	-30.00	110.00	0.00003
-25.00	110.00	0.00002	-20.00	110.00	0.00002
-17.00	110.00	0.00002	-15.00	110.00	0.00002
-13.00	110.00	0.00002	-11.00	110.00	0.00002
-9.00	110.00	0.00002	9.00	110.00	0.00002
11.00	110.00	0.00002	13.00	110.00	0.00002
15.00	110.00	0.00002	17.00	110.00	0.00002
20.00	110.00	0.00002	25.00	110.00	0.00002
30.00	110.00	0.00002	40.00	110.00	0.00002
50.00	110.00	0.00002	60.00	110.00	0.00002
70.00	110.00	0.00002	80.00	110.00	0.00002
90.00	110.00	0.00002	100.00	110.00	0.00002
-100.00	120.00	0.00003	-90.00	120.00	0.00003
-80.00	120.00	0.00003	-70.00	120.00	0.00003
-60.00	120.00	0.00003	-50.00	120.00	0.00003
-40.00	120.00	0.00002	-30.00	120.00	0.00002

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00 120.00 0.00002 -20.00 120.00 0.00002

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

09:52:50

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

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	0.00002	-15.00	120.00	0.00002
-13.00	120.00	0.00002	-11.00	120.00	0.00002
-9.00	120.00	0.00002	9.00	120.00	0.00002
11.00	120.00	0.00002	13.00	120.00	0.00002
15.00	120.00	0.00002	17.00	120.00	0.00002
20.00	120.00	0.00002	25.00	120.00	0.00002
30.00	120.00	0.00002	40.00	120.00	0.00002
50.00	120.00	0.00002	60.00	120.00	0.00002
70.00	120.00	0.00002	80.00	120.00	0.00002
90.00	120.00	0.00002	100.00	120.00	0.00002
-100.00	130.00	0.00003	-90.00	130.00	0.00002
-80.00	130.00	0.00002	-70.00	130.00	0.00002
-60.00	130.00	0.00002	-50.00	130.00	0.00002
-40.00	130.00	0.00002	-30.00	130.00	0.00002
-25.00	130.00	0.00002	-20.00	130.00	0.00002
-17.00	130.00	0.00002	-15.00	130.00	0.00002
-13.00	130.00	0.00002	-11.00	130.00	0.00002
-9.00	130.00	0.00002	9.00	130.00	0.00002
11.00	130.00	0.00002	13.00	130.00	0.00002
15.00	130.00	0.00002	17.00	130.00	0.00002
20.00	130.00	0.00002	25.00	130.00	0.00002
30.00	130.00	0.00002	40.00	130.00	0.00002
50.00	130.00	0.00002	60.00	130.00	0.00002
70.00	130.00	0.00002	80.00	130.00	0.00002
90.00	130.00	0.00002	100.00	130.00	0.00002
-100.00	140.00	0.00002	-90.00	140.00	0.00002
-80.00	140.00	0.00002	-70.00	140.00	0.00002
-60.00	140.00	0.00002	-50.00	140.00	0.00002
-40.00	140.00	0.00002	-30.00	140.00	0.00002
-25.00	140.00	0.00002	-20.00	140.00	0.00002
-17.00	140.00	0.00002	-15.00	140.00	0.00002
-13.00	140.00	0.00002	-11.00	140.00	0.00002
-9.00	140.00	0.00002	9.00	140.00	0.00002

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	140.00	0.00002	13.00	140.00	0.00002
15.00	140.00	0.00002	17.00	140.00	0.00002
20.00	140.00	0.00002	25.00	140.00	0.00002
30.00	140.00	0.00002	40.00	140.00	0.00002
50.00	140.00	0.00002	60.00	140.00	0.00002
70.00	140.00	0.00002	80.00	140.00	0.00002
90.00	140.00	0.00002	100.00	140.00	0.00002

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

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

09:52:50

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

INCLUDING SOURCE(S) :            NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00002	-90.00	150.00	0.00002
-80.00	150.00	0.00002	-70.00	150.00	0.00002
-60.00	150.00	0.00002	-50.00	150.00	0.00002
-40.00	150.00	0.00002	-30.00	150.00	0.00002
-25.00	150.00	0.00002	-20.00	150.00	0.00002
-17.00	150.00	0.00002	-15.00	150.00	0.00002
-13.00	150.00	0.00002	-11.00	150.00	0.00002
-9.00	150.00	0.00002	9.00	150.00	0.00002
11.00	150.00	0.00002	13.00	150.00	0.00002
15.00	150.00	0.00002	17.00	150.00	0.00002
20.00	150.00	0.00002	25.00	150.00	0.00001
30.00	150.00	0.00001	40.00	150.00	0.00002
50.00	150.00	0.00002	60.00	150.00	0.00002
70.00	150.00	0.00002	80.00	150.00	0.00002
90.00	150.00	0.00002	100.00	150.00	0.00002
-100.00	160.00	0.00002	-90.00	160.00	0.00002
-80.00	160.00	0.00002	-70.00	160.00	0.00002
-60.00	160.00	0.00002	-50.00	160.00	0.00002
-40.00	160.00	0.00002	-30.00	160.00	0.00002
-25.00	160.00	0.00002	-20.00	160.00	0.00002
-17.00	160.00	0.00002	-15.00	160.00	0.00002
-13.00	160.00	0.00002	-11.00	160.00	0.00002
-9.00	160.00	0.00002	9.00	160.00	0.00001
11.00	160.00	0.00001	13.00	160.00	0.00001
15.00	160.00	0.00001	17.00	160.00	0.00001
20.00	160.00	0.00001	25.00	160.00	0.00001
30.00	160.00	0.00001	40.00	160.00	0.00001

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	160.00	0.00001	60.00	160.00	0.00001
70.00	160.00	0.00001	80.00	160.00	0.00001
90.00	160.00	0.00001	100.00	160.00	0.00001
-100.00	170.00	0.00002	-90.00	170.00	0.00002
-80.00	170.00	0.00002	-70.00	170.00	0.00002
-60.00	170.00	0.00002	-50.00	170.00	0.00002
-40.00	170.00	0.00002	-30.00	170.00	0.00002
-25.00	170.00	0.00002	-20.00	170.00	0.00002
-17.00	170.00	0.00002	-15.00	170.00	0.00002
-13.00	170.00	0.00002	-11.00	170.00	0.00002
-9.00	170.00	0.00001	9.00	170.00	0.00001
11.00	170.00	0.00001	13.00	170.00	0.00001
15.00	170.00	0.00001	17.00	170.00	0.00001

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

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

09:52:50

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00001	25.00	170.00	0.00001
30.00	170.00	0.00001	40.00	170.00	0.00001
50.00	170.00	0.00001	60.00	170.00	0.00001
70.00	170.00	0.00001	80.00	170.00	0.00001
90.00	170.00	0.00001	100.00	170.00	0.00001
-100.00	180.00	0.00002	-90.00	180.00	0.00002
-80.00	180.00	0.00002	-70.00	180.00	0.00002
-60.00	180.00	0.00002	-50.00	180.00	0.00002
-40.00	180.00	0.00002	-30.00	180.00	0.00002
-25.00	180.00	0.00002	-20.00	180.00	0.00001
-17.00	180.00	0.00001	-15.00	180.00	0.00001
-13.00	180.00	0.00001	-11.00	180.00	0.00001
-9.00	180.00	0.00001	9.00	180.00	0.00001
11.00	180.00	0.00001	13.00	180.00	0.00001
15.00	180.00	0.00001	17.00	180.00	0.00001
20.00	180.00	0.00001	25.00	180.00	0.00001
30.00	180.00	0.00001	40.00	180.00	0.00001
50.00	180.00	0.00001	60.00	180.00	0.00001
70.00	180.00	0.00001	80.00	180.00	0.00001
90.00	180.00	0.00001	100.00	180.00	0.00001
-100.00	190.00	0.00002	-90.00	190.00	0.00002

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	190.00	0.00002	-70.00	190.00	0.00002
-60.00	190.00	0.00002	-50.00	190.00	0.00002
-40.00	190.00	0.00002	-30.00	190.00	0.00001
-25.00	190.00	0.00001	-20.00	190.00	0.00001
-17.00	190.00	0.00001	-15.00	190.00	0.00001
-13.00	190.00	0.00001	-11.00	190.00	0.00001
-9.00	190.00	0.00001	9.00	190.00	0.00001
11.00	190.00	0.00001	13.00	190.00	0.00001
15.00	190.00	0.00001	17.00	190.00	0.00001
20.00	190.00	0.00001	25.00	190.00	0.00001
30.00	190.00	0.00001	40.00	190.00	0.00001
50.00	190.00	0.00001	60.00	190.00	0.00001
70.00	190.00	0.00001	80.00	190.00	0.00001
90.00	190.00	0.00001	100.00	190.00	0.00001
-100.00	200.00	0.00002	-90.00	200.00	0.00002
-80.00	200.00	0.00002	-70.00	200.00	0.00002
-60.00	200.00	0.00002	-50.00	200.00	0.00002
-40.00	200.00	0.00001	-30.00	200.00	0.00001
-25.00	200.00	0.00001	-20.00	200.00	0.00001

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
-17.00	200.00	0.00001	-15.00	200.00	0.00001
-13.00	200.00	0.00001	-11.00	200.00	0.00001
-9.00	200.00	0.00001	9.00	200.00	0.00001
11.00	200.00	0.00001	13.00	200.00	0.00001
15.00	200.00	0.00001	17.00	200.00	0.00001
20.00	200.00	0.00001	25.00	200.00	0.00001
30.00	200.00	0.00001	40.00	200.00	0.00001
50.00	200.00	0.00001	60.00	200.00	0.00001
70.00	200.00	0.00001	80.00	200.00	0.00001
90.00	200.00	0.00001	100.00	200.00	0.00001
-100.00	210.00	0.00002	-90.00	210.00	0.00002
-80.00	210.00	0.00002	-70.00	210.00	0.00002
-60.00	210.00	0.00002	-50.00	210.00	0.00001
-40.00	210.00	0.00001	-30.00	210.00	0.00001
-25.00	210.00	0.00001	-20.00	210.00	0.00001

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	210.00	0.00001	-15.00	210.00	0.00001
-13.00	210.00	0.00001	-11.00	210.00	0.00001
-9.00	210.00	0.00001	9.00	210.00	0.00001
11.00	210.00	0.00001	13.00	210.00	0.00001
15.00	210.00	0.00001	17.00	210.00	0.00001
20.00	210.00	0.00001	25.00	210.00	0.00001
30.00	210.00	0.00001	40.00	210.00	0.00001
50.00	210.00	0.00001	60.00	210.00	0.00001
70.00	210.00	0.00001	80.00	210.00	0.00001
90.00	210.00	0.00001	100.00	210.00	0.00001
-100.00	220.00	0.00001	-90.00	220.00	0.00001
-80.00	220.00	0.00001	-70.00	220.00	0.00001
-60.00	220.00	0.00001	-50.00	220.00	0.00001
-40.00	220.00	0.00001	-30.00	220.00	0.00001
-25.00	220.00	0.00001	-20.00	220.00	0.00001
-17.00	220.00	0.00001	-15.00	220.00	0.00001
-13.00	220.00	0.00001	-11.00	220.00	0.00001
-9.00	220.00	0.00001	9.00	220.00	0.00001
11.00	220.00	0.00001	13.00	220.00	0.00001
15.00	220.00	0.00001	17.00	220.00	0.00001
20.00	220.00	0.00001	25.00	220.00	0.00001
30.00	220.00	0.00001	40.00	220.00	0.00001
50.00	220.00	0.00001	60.00	220.00	0.00001
70.00	220.00	0.00001	80.00	220.00	0.00001
90.00	220.00	0.00001	100.00	220.00	0.00001

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	230.00	0.00001	-90.00	230.00	0.00001
-80.00	230.00	0.00001	-70.00	230.00	0.00001
-60.00	230.00	0.00001	-50.00	230.00	0.00001
-40.00	230.00	0.00001	-30.00	230.00	0.00001
-25.00	230.00	0.00001	-20.00	230.00	0.00001
-17.00	230.00	0.00001	-15.00	230.00	0.00001
-13.00	230.00	0.00001	-11.00	230.00	0.00001
-9.00	230.00	0.00001	9.00	230.00	0.00001
11.00	230.00	0.00001	13.00	230.00	0.00001



01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	230.00	0.00001	17.00	230.00	0.00001
20.00	230.00	0.00001	25.00	230.00	0.00001
30.00	230.00	0.00001	40.00	230.00	0.00001
50.00	230.00	0.00001	60.00	230.00	0.00001
70.00	230.00	0.00001	80.00	230.00	0.00001
90.00	230.00	0.00001	100.00	230.00	0.00001
-100.00	240.00	0.00001	-90.00	240.00	0.00001
-80.00	240.00	0.00001	-70.00	240.00	0.00001
-60.00	240.00	0.00001	-50.00	240.00	0.00001
-40.00	240.00	0.00001	-30.00	240.00	0.00001
-25.00	240.00	0.00001	-20.00	240.00	0.00001
-17.00	240.00	0.00001	-15.00	240.00	0.00001
-13.00	240.00	0.00001	-11.00	240.00	0.00001
-9.00	240.00	0.00001	9.00	240.00	0.00001
11.00	240.00	0.00001	13.00	240.00	0.00001
15.00	240.00	0.00001	17.00	240.00	0.00001
20.00	240.00	0.00001	25.00	240.00	0.00001
30.00	240.00	0.00001	40.00	240.00	0.00001
50.00	240.00	0.00001	60.00	240.00	0.00001
70.00	240.00	0.00001	80.00	240.00	0.00001
90.00	240.00	0.00001	100.00	240.00	0.00001
-100.00	250.00	0.00001	-90.00	250.00	0.00001
-80.00	250.00	0.00001	-70.00	250.00	0.00001
-60.00	250.00	0.00001	-50.00	250.00	0.00001
-40.00	250.00	0.00001	-30.00	250.00	0.00001
-25.00	250.00	0.00001	-20.00	250.00	0.00001
-17.00	250.00	0.00001	-15.00	250.00	0.00001
-13.00	250.00	0.00001	-11.00	250.00	0.00001
-9.00	250.00	0.00001	9.00	250.00	0.00001
11.00	250.00	0.00001	13.00	250.00	0.00001
15.00	250.00	0.00001	17.00	250.00	0.00001

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
20.00	250.00	0.00001	25.00	250.00	0.00001
30.00	250.00	0.00001	40.00	250.00	0.00001
50.00	250.00	0.00001	60.00	250.00	0.00001

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70.00 250.00 0.00001 80.00 250.00 0.00001  
 90.00 250.00 0.00001 100.00 250.00 0.00001

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	-250.00	0.00045	-90.00	-250.00	0.00049
-80.00	-250.00	0.00054	-70.00	-250.00	0.00059
-60.00	-250.00	0.00066	-50.00	-250.00	0.00074
-40.00	-250.00	0.00083	-30.00	-250.00	0.00093
-25.00	-250.00	0.00099	-20.00	-250.00	0.00106
-17.00	-250.00	0.00111	-15.00	-250.00	0.00114
-13.00	-250.00	0.00119	-11.00	-250.00	0.00124
-9.00	-250.00	0.00130	9.00	-250.00	0.00218
11.00	-250.00	0.00231	13.00	-250.00	0.00244
15.00	-250.00	0.00258	17.00	-250.00	0.00272
20.00	-250.00	0.00292	25.00	-250.00	0.00322
30.00	-250.00	0.00347	40.00	-250.00	0.00374
50.00	-250.00	0.00375	60.00	-250.00	0.00360
70.00	-250.00	0.00339	80.00	-250.00	0.00318
90.00	-250.00	0.00296	100.00	-250.00	0.00277
-100.00	-240.00	0.00048	-90.00	-240.00	0.00052
-80.00	-240.00	0.00057	-70.00	-240.00	0.00064
-60.00	-240.00	0.00071	-50.00	-240.00	0.00079
-40.00	-240.00	0.00090	-30.00	-240.00	0.00103
-25.00	-240.00	0.00111	-20.00	-240.00	0.00119
-17.00	-240.00	0.00125	-15.00	-240.00	0.00129
-13.00	-240.00	0.00134	-11.00	-240.00	0.00140
-9.00	-240.00	0.00147	9.00	-240.00	0.00292
11.00	-240.00	0.00316	13.00	-240.00	0.00341
15.00	-240.00	0.00364	17.00	-240.00	0.00387
20.00	-240.00	0.00416	25.00	-240.00	0.00451
30.00	-240.00	0.00467	40.00	-240.00	0.00464
50.00	-240.00	0.00438	60.00	-240.00	0.00406
70.00	-240.00	0.00374	80.00	-240.00	0.00344
90.00	-240.00	0.00317	100.00	-240.00	0.00293
-100.00	-230.00	0.00050	-90.00	-230.00	0.00055
-80.00	-230.00	0.00061	-70.00	-230.00	0.00068

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-230.00	0.00077	-50.00	-230.00	0.00087
-40.00	-230.00	0.00098	-30.00	-230.00	0.00113
-25.00	-230.00	0.00121	-20.00	-230.00	0.00132
-17.00	-230.00	0.00139	-15.00	-230.00	0.00145
-13.00	-230.00	0.00151	-11.00	-230.00	0.00160
-9.00	-230.00	0.00169	9.00	-230.00	0.00480
11.00	-230.00	0.00515	13.00	-230.00	0.00541
15.00	-230.00	0.00560	17.00	-230.00	0.00573

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

09:52:50  
 \*\*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	-230.00	0.00585	25.00	-230.00	0.00587
30.00	-230.00	0.00577	40.00	-230.00	0.00536
50.00	-230.00	0.00488	60.00	-230.00	0.00442
70.00	-230.00	0.00401	80.00	-230.00	0.00365
90.00	-230.00	0.00334	100.00	-230.00	0.00307
-100.00	-220.00	0.00053	-90.00	-220.00	0.00059
-80.00	-220.00	0.00066	-70.00	-220.00	0.00074
-60.00	-220.00	0.00083	-50.00	-220.00	0.00095
-40.00	-220.00	0.00109	-30.00	-220.00	0.00127
-25.00	-220.00	0.00138	-20.00	-220.00	0.00151
-17.00	-220.00	0.00161	-15.00	-220.00	0.00169
-13.00	-220.00	0.00178	-11.00	-220.00	0.00190
-9.00	-220.00	0.00205	9.00	-220.00	0.00652
11.00	-220.00	0.00663	13.00	-220.00	0.00671
15.00	-220.00	0.00677	17.00	-220.00	0.00680
20.00	-220.00	0.00678	25.00	-220.00	0.00664
30.00	-220.00	0.00640	40.00	-220.00	0.00581
50.00	-220.00	0.00521	60.00	-220.00	0.00467
70.00	-220.00	0.00421	80.00	-220.00	0.00381
90.00	-220.00	0.00347	100.00	-220.00	0.00317
-100.00	-210.00	0.00057	-90.00	-210.00	0.00063
-80.00	-210.00	0.00071	-70.00	-210.00	0.00080
-60.00	-210.00	0.00092	-50.00	-210.00	0.00106
-40.00	-210.00	0.00124	-30.00	-210.00	0.00147
-25.00	-210.00	0.00161	-20.00	-210.00	0.00179
-17.00	-210.00	0.00193	-15.00	-210.00	0.00203

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-210.00	0.00215	-11.00	-210.00	0.00230
-9.00	-210.00	0.00248	9.00	-210.00	0.00678
11.00	-210.00	0.00688	13.00	-210.00	0.00698
15.00	-210.00	0.00704	17.00	-210.00	0.00707
20.00	-210.00	0.00706	25.00	-210.00	0.00691
30.00	-210.00	0.00666	40.00	-210.00	0.00603
50.00	-210.00	0.00540	60.00	-210.00	0.00483
70.00	-210.00	0.00433	80.00	-210.00	0.00391
90.00	-210.00	0.00355	100.00	-210.00	0.00325
-100.00	-200.00	0.00061	-90.00	-200.00	0.00068
-80.00	-200.00	0.00077	-70.00	-200.00	0.00087
-60.00	-200.00	0.00101	-50.00	-200.00	0.00117
-40.00	-200.00	0.00138	-30.00	-200.00	0.00166
-25.00	-200.00	0.00184	-20.00	-200.00	0.00205

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
-17.00	-200.00	0.00219	-15.00	-200.00	0.00230
-13.00	-200.00	0.00243	-11.00	-200.00	0.00256
-9.00	-200.00	0.00273	9.00	-200.00	0.00692
11.00	-200.00	0.00702	13.00	-200.00	0.00711
15.00	-200.00	0.00717	17.00	-200.00	0.00720
20.00	-200.00	0.00718	25.00	-200.00	0.00703
30.00	-200.00	0.00678	40.00	-200.00	0.00615
50.00	-200.00	0.00550	60.00	-200.00	0.00492
70.00	-200.00	0.00442	80.00	-200.00	0.00399
90.00	-200.00	0.00362	100.00	-200.00	0.00330
-100.00	-190.00	0.00065	-90.00	-190.00	0.00073
-80.00	-190.00	0.00083	-70.00	-190.00	0.00095
-60.00	-190.00	0.00109	-50.00	-190.00	0.00128
-40.00	-190.00	0.00152	-30.00	-190.00	0.00183
-25.00	-190.00	0.00202	-20.00	-190.00	0.00223
-17.00	-190.00	0.00237	-15.00	-190.00	0.00248
-13.00	-190.00	0.00259	-11.00	-190.00	0.00272
-9.00	-190.00	0.00287	9.00	-190.00	0.00701
11.00	-190.00	0.00711	13.00	-190.00	0.00720
15.00	-190.00	0.00726	17.00	-190.00	0.00729

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-190.00	0.00726	25.00	-190.00	0.00710
30.00	-190.00	0.00685	40.00	-190.00	0.00621
50.00	-190.00	0.00556	60.00	-190.00	0.00498
70.00	-190.00	0.00447	80.00	-190.00	0.00403
90.00	-190.00	0.00366	100.00	-190.00	0.00334
-100.00	-180.00	0.00069	-90.00	-180.00	0.00078
-80.00	-180.00	0.00088	-70.00	-180.00	0.00101
-60.00	-180.00	0.00117	-50.00	-180.00	0.00138
-40.00	-180.00	0.00164	-30.00	-180.00	0.00196
-25.00	-180.00	0.00215	-20.00	-180.00	0.00235
-17.00	-180.00	0.00249	-15.00	-180.00	0.00258
-13.00	-180.00	0.00269	-11.00	-180.00	0.00281
-9.00	-180.00	0.00295	9.00	-180.00	0.00707
11.00	-180.00	0.00718	13.00	-180.00	0.00726
15.00	-180.00	0.00732	17.00	-180.00	0.00735
20.00	-180.00	0.00732	25.00	-180.00	0.00716
30.00	-180.00	0.00690	40.00	-180.00	0.00625
50.00	-180.00	0.00560	60.00	-180.00	0.00501
70.00	-180.00	0.00450	80.00	-180.00	0.00407
90.00	-180.00	0.00369	100.00	-180.00	0.00337

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	-170.00	0.00073	-90.00	-170.00	0.00082
-80.00	-170.00	0.00093	-70.00	-170.00	0.00107
-60.00	-170.00	0.00125	-50.00	-170.00	0.00147
-40.00	-170.00	0.00173	-30.00	-170.00	0.00205
-25.00	-170.00	0.00223	-20.00	-170.00	0.00243
-17.00	-170.00	0.00256	-15.00	-170.00	0.00265
-13.00	-170.00	0.00275	-11.00	-170.00	0.00287
-9.00	-170.00	0.00302	9.00	-170.00	0.00711
11.00	-170.00	0.00722	13.00	-170.00	0.00731
15.00	-170.00	0.00737	17.00	-170.00	0.00739
20.00	-170.00	0.00737	25.00	-170.00	0.00720
30.00	-170.00	0.00694	40.00	-170.00	0.00628
50.00	-170.00	0.00563	60.00	-170.00	0.00504
70.00	-170.00	0.00453	80.00	-170.00	0.00409

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-170.00	0.00371	100.00	-170.00	0.00338
-100.00	-160.00	0.00076	-90.00	-160.00	0.00086
-80.00	-160.00	0.00098	-70.00	-160.00	0.00113
-60.00	-160.00	0.00131	-50.00	-160.00	0.00153
-40.00	-160.00	0.00180	-30.00	-160.00	0.00212
-25.00	-160.00	0.00229	-20.00	-160.00	0.00248
-17.00	-160.00	0.00261	-15.00	-160.00	0.00270
-13.00	-160.00	0.00280	-11.00	-160.00	0.00292
-9.00	-160.00	0.00306	9.00	-160.00	0.00714
11.00	-160.00	0.00725	13.00	-160.00	0.00734
15.00	-160.00	0.00740	17.00	-160.00	0.00743
20.00	-160.00	0.00740	25.00	-160.00	0.00723
30.00	-160.00	0.00697	40.00	-160.00	0.00631
50.00	-160.00	0.00565	60.00	-160.00	0.00506
70.00	-160.00	0.00454	80.00	-160.00	0.00410
90.00	-160.00	0.00372	100.00	-160.00	0.00340
-100.00	-150.00	0.00079	-90.00	-150.00	0.00090
-80.00	-150.00	0.00102	-70.00	-150.00	0.00118
-60.00	-150.00	0.00136	-50.00	-150.00	0.00158
-40.00	-150.00	0.00185	-30.00	-150.00	0.00216
-25.00	-150.00	0.00233	-20.00	-150.00	0.00252
-17.00	-150.00	0.00264	-15.00	-150.00	0.00273
-13.00	-150.00	0.00283	-11.00	-150.00	0.00295
-9.00	-150.00	0.00309	9.00	-150.00	0.00717
11.00	-150.00	0.00728	13.00	-150.00	0.00736
15.00	-150.00	0.00742	17.00	-150.00	0.00745

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
20.00	-150.00	0.00742	25.00	-150.00	0.00726
30.00	-150.00	0.00699	40.00	-150.00	0.00633
50.00	-150.00	0.00567	60.00	-150.00	0.00507
70.00	-150.00	0.00455	80.00	-150.00	0.00411
90.00	-150.00	0.00373	100.00	-150.00	0.00340
-100.00	-140.00	0.00082	-90.00	-140.00	0.00093
-80.00	-140.00	0.00106	-70.00	-140.00	0.00122
-60.00	-140.00	0.00140	-50.00	-140.00	0.00162

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-140.00	0.00189	-30.00	-140.00	0.00219
-25.00	-140.00	0.00236	-20.00	-140.00	0.00254
-17.00	-140.00	0.00267	-15.00	-140.00	0.00276
-13.00	-140.00	0.00286	-11.00	-140.00	0.00298
-9.00	-140.00	0.00312	9.00	-140.00	0.00719
11.00	-140.00	0.00730	13.00	-140.00	0.00738
15.00	-140.00	0.00743	17.00	-140.00	0.00746
20.00	-140.00	0.00744	25.00	-140.00	0.00727
30.00	-140.00	0.00701	40.00	-140.00	0.00634
50.00	-140.00	0.00568	60.00	-140.00	0.00508
70.00	-140.00	0.00456	80.00	-140.00	0.00412
90.00	-140.00	0.00373	100.00	-140.00	0.00341
-100.00	-130.00	0.00085	-90.00	-130.00	0.00096
-80.00	-130.00	0.00109	-70.00	-130.00	0.00125
-60.00	-130.00	0.00143	-50.00	-130.00	0.00166
-40.00	-130.00	0.00192	-30.00	-130.00	0.00221
-25.00	-130.00	0.00238	-20.00	-130.00	0.00256
-17.00	-130.00	0.00269	-15.00	-130.00	0.00278
-13.00	-130.00	0.00288	-11.00	-130.00	0.00299
-9.00	-130.00	0.00313	9.00	-130.00	0.00720
11.00	-130.00	0.00730	13.00	-130.00	0.00739
15.00	-130.00	0.00745	17.00	-130.00	0.00747
20.00	-130.00	0.00745	25.00	-130.00	0.00729
30.00	-130.00	0.00701	40.00	-130.00	0.00636
50.00	-130.00	0.00569	60.00	-130.00	0.00509
70.00	-130.00	0.00456	80.00	-130.00	0.00412
90.00	-130.00	0.00374	100.00	-130.00	0.00341
-100.00	-120.00	0.00088	-90.00	-120.00	0.00099
-80.00	-120.00	0.00112	-70.00	-120.00	0.00127
-60.00	-120.00	0.00146	-50.00	-120.00	0.00168
-40.00	-120.00	0.00194	-30.00	-120.00	0.00223
-25.00	-120.00	0.00239	-20.00	-120.00	0.00258

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
-17.00	-120.00	0.00270	-15.00	-120.00	0.00279
-13.00	-120.00	0.00289	-11.00	-120.00	0.00300

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-120.00	0.00314	9.00	-120.00	0.00720
11.00	-120.00	0.00731	13.00	-120.00	0.00740
15.00	-120.00	0.00745	17.00	-120.00	0.00748
20.00	-120.00	0.00746	25.00	-120.00	0.00729
30.00	-120.00	0.00702	40.00	-120.00	0.00636
50.00	-120.00	0.00570	60.00	-120.00	0.00509
70.00	-120.00	0.00457	80.00	-120.00	0.00412
90.00	-120.00	0.00373	100.00	-120.00	0.00340
-100.00	-110.00	0.00090	-90.00	-110.00	0.00101
-80.00	-110.00	0.00114	-70.00	-110.00	0.00130
-60.00	-110.00	0.00148	-50.00	-110.00	0.00170
-40.00	-110.00	0.00195	-30.00	-110.00	0.00224
-25.00	-110.00	0.00241	-20.00	-110.00	0.00259
-17.00	-110.00	0.00271	-15.00	-110.00	0.00280
-13.00	-110.00	0.00290	-11.00	-110.00	0.00301
-9.00	-110.00	0.00315	9.00	-110.00	0.00720
11.00	-110.00	0.00731	13.00	-110.00	0.00740
15.00	-110.00	0.00746	17.00	-110.00	0.00749
20.00	-110.00	0.00746	25.00	-110.00	0.00730
30.00	-110.00	0.00703	40.00	-110.00	0.00637
50.00	-110.00	0.00570	60.00	-110.00	0.00510
70.00	-110.00	0.00457	80.00	-110.00	0.00412
90.00	-110.00	0.00373	100.00	-110.00	0.00340
-100.00	-100.00	0.00091	-90.00	-100.00	0.00103
-80.00	-100.00	0.00116	-70.00	-100.00	0.00131
-60.00	-100.00	0.00150	-50.00	-100.00	0.00171
-40.00	-100.00	0.00196	-30.00	-100.00	0.00225
-25.00	-100.00	0.00242	-20.00	-100.00	0.00260
-17.00	-100.00	0.00272	-15.00	-100.00	0.00281
-13.00	-100.00	0.00290	-11.00	-100.00	0.00302
-9.00	-100.00	0.00315	9.00	-100.00	0.00721
11.00	-100.00	0.00731	13.00	-100.00	0.00740
15.00	-100.00	0.00746	17.00	-100.00	0.00749
20.00	-100.00	0.00746	25.00	-100.00	0.00730
30.00	-100.00	0.00703	40.00	-100.00	0.00637
50.00	-100.00	0.00570	60.00	-100.00	0.00510
70.00	-100.00	0.00457	80.00	-100.00	0.00412
90.00	-100.00	0.00373	100.00	-100.00	0.00340

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

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

09:52:50  
 \*\*MODELOPTS:  
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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	0.00093	-90.00	-90.00	0.00104
-80.00	-90.00	0.00117	-70.00	-90.00	0.00133
-60.00	-90.00	0.00151	-50.00	-90.00	0.00172
-40.00	-90.00	0.00197	-30.00	-90.00	0.00226
-25.00	-90.00	0.00242	-20.00	-90.00	0.00260
-17.00	-90.00	0.00272	-15.00	-90.00	0.00281
-13.00	-90.00	0.00291	-11.00	-90.00	0.00302
-9.00	-90.00	0.00316	9.00	-90.00	0.00721
11.00	-90.00	0.00731	13.00	-90.00	0.00740
15.00	-90.00	0.00746	17.00	-90.00	0.00748
20.00	-90.00	0.00746	25.00	-90.00	0.00730
30.00	-90.00	0.00703	40.00	-90.00	0.00637
50.00	-90.00	0.00570	60.00	-90.00	0.00509
70.00	-90.00	0.00457	80.00	-90.00	0.00411
90.00	-90.00	0.00372	100.00	-90.00	0.00339
-100.00	-80.00	0.00094	-90.00	-80.00	0.00105
-80.00	-80.00	0.00118	-70.00	-80.00	0.00134
-60.00	-80.00	0.00152	-50.00	-80.00	0.00173
-40.00	-80.00	0.00197	-30.00	-80.00	0.00226
-25.00	-80.00	0.00242	-20.00	-80.00	0.00260
-17.00	-80.00	0.00272	-15.00	-80.00	0.00281
-13.00	-80.00	0.00291	-11.00	-80.00	0.00302
-9.00	-80.00	0.00316	9.00	-80.00	0.00721
11.00	-80.00	0.00731	13.00	-80.00	0.00740
15.00	-80.00	0.00746	17.00	-80.00	0.00749
20.00	-80.00	0.00746	25.00	-80.00	0.00730
30.00	-80.00	0.00703	40.00	-80.00	0.00637
50.00	-80.00	0.00570	60.00	-80.00	0.00509
70.00	-80.00	0.00456	80.00	-80.00	0.00411
90.00	-80.00	0.00372	100.00	-80.00	0.00338
-100.00	-70.00	0.00095	-90.00	-70.00	0.00106
-80.00	-70.00	0.00119	-70.00	-70.00	0.00135
-60.00	-70.00	0.00152	-50.00	-70.00	0.00173
-40.00	-70.00	0.00198	-30.00	-70.00	0.00226
-25.00	-70.00	0.00243	-20.00	-70.00	0.00261
-17.00	-70.00	0.00273	-15.00	-70.00	0.00281
-13.00	-70.00	0.00291	-11.00	-70.00	0.00302
-9.00	-70.00	0.00316	9.00	-70.00	0.00721
11.00	-70.00	0.00731	13.00	-70.00	0.00740
15.00	-70.00	0.00746	17.00	-70.00	0.00748

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* 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	0.00746	25.00	-70.00	0.00729
30.00	-70.00	0.00703	40.00	-70.00	0.00636
50.00	-70.00	0.00569	60.00	-70.00	0.00508
70.00	-70.00	0.00456	80.00	-70.00	0.00410
90.00	-70.00	0.00371	100.00	-70.00	0.00337
-100.00	-60.00	0.00096	-90.00	-60.00	0.00107
-80.00	-60.00	0.00120	-70.00	-60.00	0.00135
-60.00	-60.00	0.00153	-50.00	-60.00	0.00173
-40.00	-60.00	0.00198	-30.00	-60.00	0.00226
-25.00	-60.00	0.00243	-20.00	-60.00	0.00261
-17.00	-60.00	0.00273	-15.00	-60.00	0.00281
-13.00	-60.00	0.00291	-11.00	-60.00	0.00302
-9.00	-60.00	0.00315	9.00	-60.00	0.00721
11.00	-60.00	0.00731	13.00	-60.00	0.00739
15.00	-60.00	0.00745	17.00	-60.00	0.00748
20.00	-60.00	0.00745	25.00	-60.00	0.00729
30.00	-60.00	0.00702	40.00	-60.00	0.00636
50.00	-60.00	0.00569	60.00	-60.00	0.00508
70.00	-60.00	0.00455	80.00	-60.00	0.00409
90.00	-60.00	0.00370	100.00	-60.00	0.00336
-100.00	-50.00	0.00096	-90.00	-50.00	0.00107
-80.00	-50.00	0.00120	-70.00	-50.00	0.00135
-60.00	-50.00	0.00153	-50.00	-50.00	0.00173
-40.00	-50.00	0.00198	-30.00	-50.00	0.00226
-25.00	-50.00	0.00242	-20.00	-50.00	0.00260
-17.00	-50.00	0.00272	-15.00	-50.00	0.00281
-13.00	-50.00	0.00291	-11.00	-50.00	0.00302
-9.00	-50.00	0.00316	9.00	-50.00	0.00721
11.00	-50.00	0.00731	13.00	-50.00	0.00739
15.00	-50.00	0.00744	17.00	-50.00	0.00747
20.00	-50.00	0.00745	25.00	-50.00	0.00728
30.00	-50.00	0.00701	40.00	-50.00	0.00635
50.00	-50.00	0.00568	60.00	-50.00	0.00507
70.00	-50.00	0.00454	80.00	-50.00	0.00408

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-50.00	0.00369	100.00	-50.00	0.00335
-100.00	-40.00	0.00097	-90.00	-40.00	0.00108
-80.00	-40.00	0.00121	-70.00	-40.00	0.00136
-60.00	-40.00	0.00153	-50.00	-40.00	0.00173
-40.00	-40.00	0.00198	-30.00	-40.00	0.00226
-25.00	-40.00	0.00242	-20.00	-40.00	0.00260

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
-17.00	-40.00	0.00272	-15.00	-40.00	0.00280
-13.00	-40.00	0.00290	-11.00	-40.00	0.00302
-9.00	-40.00	0.00315	9.00	-40.00	0.00719
11.00	-40.00	0.00730	13.00	-40.00	0.00738
15.00	-40.00	0.00744	17.00	-40.00	0.00747
20.00	-40.00	0.00744	25.00	-40.00	0.00727
30.00	-40.00	0.00700	40.00	-40.00	0.00634
50.00	-40.00	0.00567	60.00	-40.00	0.00506
70.00	-40.00	0.00453	80.00	-40.00	0.00407
90.00	-40.00	0.00367	100.00	-40.00	0.00333
-100.00	-30.00	0.00097	-90.00	-30.00	0.00108
-80.00	-30.00	0.00121	-70.00	-30.00	0.00136
-60.00	-30.00	0.00153	-50.00	-30.00	0.00173
-40.00	-30.00	0.00197	-30.00	-30.00	0.00226
-25.00	-30.00	0.00242	-20.00	-30.00	0.00259
-17.00	-30.00	0.00271	-15.00	-30.00	0.00280
-13.00	-30.00	0.00290	-11.00	-30.00	0.00301
-9.00	-30.00	0.00314	9.00	-30.00	0.00718
11.00	-30.00	0.00728	13.00	-30.00	0.00737
15.00	-30.00	0.00743	17.00	-30.00	0.00746
20.00	-30.00	0.00743	25.00	-30.00	0.00726
30.00	-30.00	0.00699	40.00	-30.00	0.00633
50.00	-30.00	0.00566	60.00	-30.00	0.00504
70.00	-30.00	0.00451	80.00	-30.00	0.00405
90.00	-30.00	0.00366	100.00	-30.00	0.00331
-100.00	-20.00	0.00097	-90.00	-20.00	0.00108
-80.00	-20.00	0.00121	-70.00	-20.00	0.00135
-60.00	-20.00	0.00153	-50.00	-20.00	0.00173

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-20.00	0.00197	-30.00	-20.00	0.00225
-25.00	-20.00	0.00241	-20.00	-20.00	0.00259
-17.00	-20.00	0.00271	-15.00	-20.00	0.00279
-13.00	-20.00	0.00289	-11.00	-20.00	0.00300
-9.00	-20.00	0.00313	9.00	-20.00	0.00717
11.00	-20.00	0.00727	13.00	-20.00	0.00736
15.00	-20.00	0.00742	17.00	-20.00	0.00745
20.00	-20.00	0.00742	25.00	-20.00	0.00725
30.00	-20.00	0.00698	40.00	-20.00	0.00632
50.00	-20.00	0.00564	60.00	-20.00	0.00503
70.00	-20.00	0.00449	80.00	-20.00	0.00403
90.00	-20.00	0.00364	100.00	-20.00	0.00329

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00097	-90.00	-10.00	0.00108
-80.00	-10.00	0.00121	-70.00	-10.00	0.00135
-60.00	-10.00	0.00152	-50.00	-10.00	0.00173
-40.00	-10.00	0.00197	-30.00	-10.00	0.00225
-25.00	-10.00	0.00241	-20.00	-10.00	0.00258
-17.00	-10.00	0.00270	-15.00	-10.00	0.00278
-13.00	-10.00	0.00288	-11.00	-10.00	0.00299
-9.00	-10.00	0.00312	9.00	-10.00	0.00716
11.00	-10.00	0.00726	13.00	-10.00	0.00735
15.00	-10.00	0.00741	17.00	-10.00	0.00743
20.00	-10.00	0.00741	25.00	-10.00	0.00724
30.00	-10.00	0.00697	40.00	-10.00	0.00630
50.00	-10.00	0.00563	60.00	-10.00	0.00501
70.00	-10.00	0.00448	80.00	-10.00	0.00401
90.00	-10.00	0.00361	100.00	-10.00	0.00327
-100.00	0.00	0.00097	-90.00	0.00	0.00108
-80.00	0.00	0.00120	-70.00	0.00	0.00135
-60.00	0.00	0.00152	-50.00	0.00	0.00172
-40.00	0.00	0.00196	-30.00	0.00	0.00224
-25.00	0.00	0.00240	-20.00	0.00	0.00257
-17.00	0.00	0.00269	-15.00	0.00	0.00277
-13.00	0.00	0.00287	-11.00	0.00	0.00298

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	0.00	0.00311	9.00	0.00	0.00714
11.00	0.00	0.00725	13.00	0.00	0.00733
15.00	0.00	0.00739	17.00	0.00	0.00741
20.00	0.00	0.00739	25.00	0.00	0.00722
30.00	0.00	0.00695	40.00	0.00	0.00629
50.00	0.00	0.00561	60.00	0.00	0.00499
70.00	0.00	0.00445	80.00	0.00	0.00399
90.00	0.00	0.00359	100.00	0.00	0.00325
-100.00	10.00	0.00097	-90.00	10.00	0.00107
-80.00	10.00	0.00120	-70.00	10.00	0.00134
-60.00	10.00	0.00152	-50.00	10.00	0.00172
-40.00	10.00	0.00195	-30.00	10.00	0.00223
-25.00	10.00	0.00239	-20.00	10.00	0.00256
-17.00	10.00	0.00268	-15.00	10.00	0.00276
-13.00	10.00	0.00286	-11.00	10.00	0.00297
-9.00	10.00	0.00310	9.00	10.00	0.00713
11.00	10.00	0.00723	13.00	10.00	0.00732
15.00	10.00	0.00738	17.00	10.00	0.00740

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
20.00	10.00	0.00738	25.00	10.00	0.00721
30.00	10.00	0.00694	40.00	10.00	0.00627
50.00	10.00	0.00559	60.00	10.00	0.00497
70.00	10.00	0.00443	80.00	10.00	0.00396
90.00	10.00	0.00356	100.00	10.00	0.00322
-100.00	20.00	0.00096	-90.00	20.00	0.00107
-80.00	20.00	0.00119	-70.00	20.00	0.00134
-60.00	20.00	0.00151	-50.00	20.00	0.00171
-40.00	20.00	0.00195	-30.00	20.00	0.00222
-25.00	20.00	0.00238	-20.00	20.00	0.00255
-17.00	20.00	0.00266	-15.00	20.00	0.00275
-13.00	20.00	0.00284	-11.00	20.00	0.00295
-9.00	20.00	0.00308	9.00	20.00	0.00711
11.00	20.00	0.00721	13.00	20.00	0.00730
15.00	20.00	0.00736	17.00	20.00	0.00739
20.00	20.00	0.00736	25.00	20.00	0.00719

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	20.00	0.00692	40.00	20.00	0.00624
50.00	20.00	0.00556	60.00	20.00	0.00494
70.00	20.00	0.00440	80.00	20.00	0.00393
90.00	20.00	0.00353	100.00	20.00	0.00319
-100.00	30.00	0.00096	-90.00	30.00	0.00106
-80.00	30.00	0.00119	-70.00	30.00	0.00133
-60.00	30.00	0.00150	-50.00	30.00	0.00170
-40.00	30.00	0.00194	-30.00	30.00	0.00221
-25.00	30.00	0.00237	-20.00	30.00	0.00254
-17.00	30.00	0.00265	-15.00	30.00	0.00274
-13.00	30.00	0.00283	-11.00	30.00	0.00294
-9.00	30.00	0.00307	9.00	30.00	0.00710
11.00	30.00	0.00720	13.00	30.00	0.00728
15.00	30.00	0.00734	17.00	30.00	0.00736
20.00	30.00	0.00734	25.00	30.00	0.00717
30.00	30.00	0.00689	40.00	30.00	0.00622
50.00	30.00	0.00554	60.00	30.00	0.00491
70.00	30.00	0.00437	80.00	30.00	0.00390
90.00	30.00	0.00350	100.00	30.00	0.00315
-100.00	40.00	0.00095	-90.00	40.00	0.00106
-80.00	40.00	0.00118	-70.00	40.00	0.00132
-60.00	40.00	0.00149	-50.00	40.00	0.00169
-40.00	40.00	0.00193	-30.00	40.00	0.00220
-25.00	40.00	0.00235	-20.00	40.00	0.00252

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

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

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\*\*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	0.00264	-15.00	40.00	0.00272
-13.00	40.00	0.00281	-11.00	40.00	0.00293
-9.00	40.00	0.00306	9.00	40.00	0.00708
11.00	40.00	0.00718	13.00	40.00	0.00726
15.00	40.00	0.00732	17.00	40.00	0.00734
20.00	40.00	0.00732	25.00	40.00	0.00714
30.00	40.00	0.00687	40.00	40.00	0.00619
50.00	40.00	0.00550	60.00	40.00	0.00488
70.00	40.00	0.00433	80.00	40.00	0.00386
90.00	40.00	0.00346	100.00	40.00	0.00311

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	50.00	0.00094	-90.00	50.00	0.00105
-80.00	50.00	0.00117	-70.00	50.00	0.00132
-60.00	50.00	0.00148	-50.00	50.00	0.00168
-40.00	50.00	0.00191	-30.00	50.00	0.00218
-25.00	50.00	0.00234	-20.00	50.00	0.00251
-17.00	50.00	0.00262	-15.00	50.00	0.00270
-13.00	50.00	0.00279	-11.00	50.00	0.00291
-9.00	50.00	0.00304	9.00	50.00	0.00705
11.00	50.00	0.00716	13.00	50.00	0.00724
15.00	50.00	0.00729	17.00	50.00	0.00732
20.00	50.00	0.00729	25.00	50.00	0.00712
30.00	50.00	0.00684	40.00	50.00	0.00616
50.00	50.00	0.00547	60.00	50.00	0.00484
70.00	50.00	0.00429	80.00	50.00	0.00382
90.00	50.00	0.00341	100.00	50.00	0.00306
-100.00	60.00	0.00094	-90.00	60.00	0.00104
-80.00	60.00	0.00116	-70.00	60.00	0.00130
-60.00	60.00	0.00147	-50.00	60.00	0.00167
-40.00	60.00	0.00190	-30.00	60.00	0.00217
-25.00	60.00	0.00232	-20.00	60.00	0.00249
-17.00	60.00	0.00260	-15.00	60.00	0.00268
-13.00	60.00	0.00277	-11.00	60.00	0.00288
-9.00	60.00	0.00301	9.00	60.00	0.00702
11.00	60.00	0.00712	13.00	60.00	0.00721
15.00	60.00	0.00726	17.00	60.00	0.00729
20.00	60.00	0.00726	25.00	60.00	0.00708
30.00	60.00	0.00680	40.00	60.00	0.00612
50.00	60.00	0.00543	60.00	60.00	0.00480
70.00	60.00	0.00425	80.00	60.00	0.00377
90.00	60.00	0.00336	100.00	60.00	0.00301

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	70.00	0.00093	-90.00	70.00	0.00103
-80.00	70.00	0.00115	-70.00	70.00	0.00129
-60.00	70.00	0.00146	-50.00	70.00	0.00166
-40.00	70.00	0.00189	-30.00	70.00	0.00215

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	70.00	0.00230	-20.00	70.00	0.00247
-17.00	70.00	0.00258	-15.00	70.00	0.00266
-13.00	70.00	0.00275	-11.00	70.00	0.00285
-9.00	70.00	0.00299	9.00	70.00	0.00699
11.00	70.00	0.00709	13.00	70.00	0.00718
15.00	70.00	0.00723	17.00	70.00	0.00726
20.00	70.00	0.00722	25.00	70.00	0.00705
30.00	70.00	0.00677	40.00	70.00	0.00608
50.00	70.00	0.00538	60.00	70.00	0.00475
70.00	70.00	0.00419	80.00	70.00	0.00372
90.00	70.00	0.00330	100.00	70.00	0.00295
-100.00	80.00	0.00092	-90.00	80.00	0.00102
-80.00	80.00	0.00114	-70.00	80.00	0.00128
-60.00	80.00	0.00145	-50.00	80.00	0.00164
-40.00	80.00	0.00187	-30.00	80.00	0.00213
-25.00	80.00	0.00228	-20.00	80.00	0.00244
-17.00	80.00	0.00255	-15.00	80.00	0.00263
-13.00	80.00	0.00272	-11.00	80.00	0.00283
-9.00	80.00	0.00296	9.00	80.00	0.00696
11.00	80.00	0.00706	13.00	80.00	0.00714
15.00	80.00	0.00720	17.00	80.00	0.00721
20.00	80.00	0.00718	25.00	80.00	0.00701
30.00	80.00	0.00672	40.00	80.00	0.00603
50.00	80.00	0.00533	60.00	80.00	0.00469
70.00	80.00	0.00413	80.00	80.00	0.00365
90.00	80.00	0.00324	100.00	80.00	0.00288
-100.00	90.00	0.00090	-90.00	90.00	0.00100
-80.00	90.00	0.00112	-70.00	90.00	0.00126
-60.00	90.00	0.00143	-50.00	90.00	0.00163
-40.00	90.00	0.00185	-30.00	90.00	0.00211
-25.00	90.00	0.00226	-20.00	90.00	0.00242
-17.00	90.00	0.00252	-15.00	90.00	0.00260
-13.00	90.00	0.00269	-11.00	90.00	0.00280
-9.00	90.00	0.00293	9.00	90.00	0.00692
11.00	90.00	0.00702	13.00	90.00	0.00710
15.00	90.00	0.00715	17.00	90.00	0.00717

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 \*\*\*



01NCRA PL91-300 DPM TRAV ANN N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00714	25.00	90.00	0.00696
30.00	90.00	0.00667	40.00	90.00	0.00597
50.00	90.00	0.00526	60.00	90.00	0.00462
70.00	90.00	0.00406	80.00	90.00	0.00358
90.00	90.00	0.00316	100.00	90.00	0.00280
-100.00	100.00	0.00089	-90.00	100.00	0.00099
-80.00	100.00	0.00111	-70.00	100.00	0.00125
-60.00	100.00	0.00141	-50.00	100.00	0.00161
-40.00	100.00	0.00183	-30.00	100.00	0.00209
-25.00	100.00	0.00223	-20.00	100.00	0.00239
-17.00	100.00	0.00249	-15.00	100.00	0.00257
-13.00	100.00	0.00266	-11.00	100.00	0.00276
-9.00	100.00	0.00289	9.00	100.00	0.00687
11.00	100.00	0.00697	13.00	100.00	0.00705
15.00	100.00	0.00710	17.00	100.00	0.00712
20.00	100.00	0.00709	25.00	100.00	0.00690
30.00	100.00	0.00661	40.00	100.00	0.00591
50.00	100.00	0.00519	60.00	100.00	0.00454
70.00	100.00	0.00398	80.00	100.00	0.00349
90.00	100.00	0.00307	100.00	100.00	0.00271
-100.00	110.00	0.00088	-90.00	110.00	0.00097
-80.00	110.00	0.00109	-70.00	110.00	0.00123
-60.00	110.00	0.00139	-50.00	110.00	0.00158
-40.00	110.00	0.00181	-30.00	110.00	0.00206
-25.00	110.00	0.00220	-20.00	110.00	0.00236
-17.00	110.00	0.00246	-15.00	110.00	0.00254
-13.00	110.00	0.00262	-11.00	110.00	0.00272
-9.00	110.00	0.00285	9.00	110.00	0.00682
11.00	110.00	0.00691	13.00	110.00	0.00700
15.00	110.00	0.00705	17.00	110.00	0.00707
20.00	110.00	0.00703	25.00	110.00	0.00684
30.00	110.00	0.00654	40.00	110.00	0.00582
50.00	110.00	0.00510	60.00	110.00	0.00445
70.00	110.00	0.00388	80.00	110.00	0.00339
90.00	110.00	0.00297	100.00	110.00	0.00260
-100.00	120.00	0.00086	-90.00	120.00	0.00096
-80.00	120.00	0.00107	-70.00	120.00	0.00120
-60.00	120.00	0.00137	-50.00	120.00	0.00156
-40.00	120.00	0.00178	-30.00	120.00	0.00203
-25.00	120.00	0.00217	-20.00	120.00	0.00232

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

09:52:50

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00242	-15.00	120.00	0.00250
-13.00	120.00	0.00258	-11.00	120.00	0.00268
-9.00	120.00	0.00280	9.00	120.00	0.00676
11.00	120.00	0.00686	13.00	120.00	0.00693
15.00	120.00	0.00698	17.00	120.00	0.00699
20.00	120.00	0.00695	25.00	120.00	0.00676
30.00	120.00	0.00646	40.00	120.00	0.00573
50.00	120.00	0.00499	60.00	120.00	0.00433
70.00	120.00	0.00376	80.00	120.00	0.00326
90.00	120.00	0.00284	100.00	120.00	0.00248
-100.00	130.00	0.00084	-90.00	130.00	0.00093
-80.00	130.00	0.00105	-70.00	130.00	0.00118
-60.00	130.00	0.00134	-50.00	130.00	0.00153
-40.00	130.00	0.00175	-30.00	130.00	0.00200
-25.00	130.00	0.00213	-20.00	130.00	0.00228
-17.00	130.00	0.00238	-15.00	130.00	0.00245
-13.00	130.00	0.00253	-11.00	130.00	0.00263
-9.00	130.00	0.00276	9.00	130.00	0.00669
11.00	130.00	0.00678	13.00	130.00	0.00685
15.00	130.00	0.00689	17.00	130.00	0.00691
20.00	130.00	0.00687	25.00	130.00	0.00666
30.00	130.00	0.00635	40.00	130.00	0.00561
50.00	130.00	0.00486	60.00	130.00	0.00420
70.00	130.00	0.00361	80.00	130.00	0.00312
90.00	130.00	0.00269	100.00	130.00	0.00233
-100.00	140.00	0.00082	-90.00	140.00	0.00091
-80.00	140.00	0.00102	-70.00	140.00	0.00115
-60.00	140.00	0.00131	-50.00	140.00	0.00149
-40.00	140.00	0.00171	-30.00	140.00	0.00196
-25.00	140.00	0.00209	-20.00	140.00	0.00223
-17.00	140.00	0.00233	-15.00	140.00	0.00240
-13.00	140.00	0.00248	-11.00	140.00	0.00257
-9.00	140.00	0.00269	9.00	140.00	0.00660
11.00	140.00	0.00669	13.00	140.00	0.00676
15.00	140.00	0.00680	17.00	140.00	0.00681
20.00	140.00	0.00676	25.00	140.00	0.00654

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	140.00	0.00622	40.00	140.00	0.00546
50.00	140.00	0.00471	60.00	140.00	0.00403
70.00	140.00	0.00344	80.00	140.00	0.00294
90.00	140.00	0.00251	100.00	140.00	0.00215

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

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 \*\*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	0.00080	-90.00	150.00	0.00089
-80.00	150.00	0.00099	-70.00	150.00	0.00112
-60.00	150.00	0.00127	-50.00	150.00	0.00145
-40.00	150.00	0.00167	-30.00	150.00	0.00191
-25.00	150.00	0.00204	-20.00	150.00	0.00218
-17.00	150.00	0.00227	-15.00	150.00	0.00234
-13.00	150.00	0.00241	-11.00	150.00	0.00250
-9.00	150.00	0.00262	9.00	150.00	0.00649
11.00	150.00	0.00657	13.00	150.00	0.00664
15.00	150.00	0.00668	17.00	150.00	0.00668
20.00	150.00	0.00662	25.00	150.00	0.00639
30.00	150.00	0.00605	40.00	150.00	0.00528
50.00	150.00	0.00451	60.00	150.00	0.00381
70.00	150.00	0.00322	80.00	150.00	0.00272
90.00	150.00	0.00230	100.00	150.00	0.00195
-100.00	160.00	0.00077	-90.00	160.00	0.00086
-80.00	160.00	0.00096	-70.00	160.00	0.00109
-60.00	160.00	0.00123	-50.00	160.00	0.00141
-40.00	160.00	0.00162	-30.00	160.00	0.00186
-25.00	160.00	0.00199	-20.00	160.00	0.00212
-17.00	160.00	0.00221	-15.00	160.00	0.00227
-13.00	160.00	0.00234	-11.00	160.00	0.00243
-9.00	160.00	0.00254	9.00	160.00	0.00635
11.00	160.00	0.00643	13.00	160.00	0.00649
15.00	160.00	0.00652	17.00	160.00	0.00652
20.00	160.00	0.00644	25.00	160.00	0.00619
30.00	160.00	0.00584	40.00	160.00	0.00504
50.00	160.00	0.00425	60.00	160.00	0.00354
70.00	160.00	0.00294	80.00	160.00	0.00245
90.00	160.00	0.00205	100.00	160.00	0.00173

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	170.00	0.00075	-90.00	170.00	0.00083
-80.00	170.00	0.00093	-70.00	170.00	0.00105
-60.00	170.00	0.00119	-50.00	170.00	0.00136
-40.00	170.00	0.00156	-30.00	170.00	0.00179
-25.00	170.00	0.00192	-20.00	170.00	0.00205
-17.00	170.00	0.00213	-15.00	170.00	0.00219
-13.00	170.00	0.00226	-11.00	170.00	0.00234
-9.00	170.00	0.00244	9.00	170.00	0.00618
11.00	170.00	0.00625	13.00	170.00	0.00630
15.00	170.00	0.00632	17.00	170.00	0.00630

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

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

09:52:50

\*\*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	0.00621	25.00	170.00	0.00594
30.00	170.00	0.00557	40.00	170.00	0.00472
50.00	170.00	0.00391	60.00	170.00	0.00319
70.00	170.00	0.00261	80.00	170.00	0.00214
90.00	170.00	0.00178	100.00	170.00	0.00150
-100.00	180.00	0.00073	-90.00	180.00	0.00081
-80.00	180.00	0.00090	-70.00	180.00	0.00101
-60.00	180.00	0.00114	-50.00	180.00	0.00130
-40.00	180.00	0.00149	-30.00	180.00	0.00172
-25.00	180.00	0.00184	-20.00	180.00	0.00196
-17.00	180.00	0.00204	-15.00	180.00	0.00210
-13.00	180.00	0.00216	-11.00	180.00	0.00223
-9.00	180.00	0.00233	9.00	180.00	0.00596
11.00	180.00	0.00601	13.00	180.00	0.00605
15.00	180.00	0.00604	17.00	180.00	0.00601
20.00	180.00	0.00590	25.00	180.00	0.00559
30.00	180.00	0.00518	40.00	180.00	0.00429
50.00	180.00	0.00345	60.00	180.00	0.00275
70.00	180.00	0.00221	80.00	180.00	0.00181
90.00	180.00	0.00150	100.00	180.00	0.00127
-100.00	190.00	0.00071	-90.00	190.00	0.00079
-80.00	190.00	0.00087	-70.00	190.00	0.00097
-60.00	190.00	0.00109	-50.00	190.00	0.00124
-40.00	190.00	0.00142	-30.00	190.00	0.00163

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	190.00	0.00174	-20.00	190.00	0.00186
-17.00	190.00	0.00194	-15.00	190.00	0.00199
-13.00	190.00	0.00205	-11.00	190.00	0.00212
-9.00	190.00	0.00220	9.00	190.00	0.00566
11.00	190.00	0.00569	13.00	190.00	0.00569
15.00	190.00	0.00566	17.00	190.00	0.00560
20.00	190.00	0.00545	25.00	190.00	0.00508
30.00	190.00	0.00462	40.00	190.00	0.00367
50.00	190.00	0.00285	60.00	190.00	0.00223
70.00	190.00	0.00179	80.00	190.00	0.00147
90.00	190.00	0.00123	100.00	190.00	0.00105
-100.00	200.00	0.00069	-90.00	200.00	0.00076
-80.00	200.00	0.00084	-70.00	200.00	0.00094
-60.00	200.00	0.00105	-50.00	200.00	0.00118
-40.00	200.00	0.00134	-30.00	200.00	0.00153
-25.00	200.00	0.00163	-20.00	200.00	0.00174

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
-17.00	200.00	0.00181	-15.00	200.00	0.00187
-13.00	200.00	0.00192	-11.00	200.00	0.00198
-9.00	200.00	0.00205	9.00	200.00	0.00523
11.00	200.00	0.00520	13.00	200.00	0.00515
15.00	200.00	0.00508	17.00	200.00	0.00497
20.00	200.00	0.00474	25.00	200.00	0.00427
30.00	200.00	0.00376	40.00	200.00	0.00283
50.00	200.00	0.00216	60.00	200.00	0.00171
70.00	200.00	0.00139	80.00	200.00	0.00116
90.00	200.00	0.00099	100.00	200.00	0.00086
-100.00	210.00	0.00066	-90.00	210.00	0.00073
-80.00	210.00	0.00080	-70.00	210.00	0.00089
-60.00	210.00	0.00100	-50.00	210.00	0.00112
-40.00	210.00	0.00127	-30.00	210.00	0.00143
-25.00	210.00	0.00151	-20.00	210.00	0.00161
-17.00	210.00	0.00167	-15.00	210.00	0.00171
-13.00	210.00	0.00176	-11.00	210.00	0.00181
-9.00	210.00	0.00188	9.00	210.00	0.00448

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	210.00	0.00434	13.00	210.00	0.00418
15.00	210.00	0.00401	17.00	210.00	0.00381
20.00	210.00	0.00349	25.00	210.00	0.00298
30.00	210.00	0.00255	40.00	210.00	0.00193
50.00	210.00	0.00153	60.00	210.00	0.00125
70.00	210.00	0.00105	80.00	210.00	0.00090
90.00	210.00	0.00078	100.00	210.00	0.00069
-100.00	220.00	0.00063	-90.00	220.00	0.00069
-80.00	220.00	0.00076	-70.00	220.00	0.00084
-60.00	220.00	0.00094	-50.00	220.00	0.00105
-40.00	220.00	0.00118	-30.00	220.00	0.00133
-25.00	220.00	0.00140	-20.00	220.00	0.00148
-17.00	220.00	0.00153	-15.00	220.00	0.00155
-13.00	220.00	0.00159	-11.00	220.00	0.00162
-9.00	220.00	0.00166	9.00	220.00	0.00260
11.00	220.00	0.00235	13.00	220.00	0.00218
15.00	220.00	0.00204	17.00	220.00	0.00194
20.00	220.00	0.00180	25.00	220.00	0.00161
30.00	220.00	0.00146	40.00	220.00	0.00121
50.00	220.00	0.00102	60.00	220.00	0.00088
70.00	220.00	0.00077	80.00	220.00	0.00068
90.00	220.00	0.00061	100.00	220.00	0.00055

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

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

09:52:50

\*\*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	0.00060	-90.00	230.00	0.00065
-80.00	230.00	0.00072	-70.00	230.00	0.00079
-60.00	230.00	0.00087	-50.00	230.00	0.00096
-40.00	230.00	0.00107	-30.00	230.00	0.00118
-25.00	230.00	0.00123	-20.00	230.00	0.00128
-17.00	230.00	0.00130	-15.00	230.00	0.00131
-13.00	230.00	0.00132	-11.00	230.00	0.00131
-9.00	230.00	0.00130	9.00	230.00	0.00087
11.00	230.00	0.00087	13.00	230.00	0.00087
15.00	230.00	0.00087	17.00	230.00	0.00087
20.00	230.00	0.00087	25.00	230.00	0.00085
30.00	230.00	0.00082	40.00	230.00	0.00075

01NCRA\_PL91-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	230.00	0.00068	60.00	230.00	0.00062
70.00	230.00	0.00057	80.00	230.00	0.00052
90.00	230.00	0.00048	100.00	230.00	0.00044
-100.00	240.00	0.00056	-90.00	240.00	0.00061
-80.00	240.00	0.00066	-70.00	240.00	0.00072
-60.00	240.00	0.00078	-50.00	240.00	0.00085
-40.00	240.00	0.00092	-30.00	240.00	0.00098
-25.00	240.00	0.00100	-20.00	240.00	0.00100
-17.00	240.00	0.00098	-15.00	240.00	0.00097
-13.00	240.00	0.00094	-11.00	240.00	0.00091
-9.00	240.00	0.00087	9.00	240.00	0.00061
11.00	240.00	0.00061	13.00	240.00	0.00060
15.00	240.00	0.00060	17.00	240.00	0.00059
20.00	240.00	0.00058	25.00	240.00	0.00057
30.00	240.00	0.00055	40.00	240.00	0.00052
50.00	240.00	0.00049	60.00	240.00	0.00046
70.00	240.00	0.00043	80.00	240.00	0.00041
90.00	240.00	0.00038	100.00	240.00	0.00036
-100.00	250.00	0.00052	-90.00	250.00	0.00056
-80.00	250.00	0.00060	-70.00	250.00	0.00064
-60.00	250.00	0.00069	-50.00	250.00	0.00073
-40.00	250.00	0.00077	-30.00	250.00	0.00078
-25.00	250.00	0.00077	-20.00	250.00	0.00074
-17.00	250.00	0.00071	-15.00	250.00	0.00069
-13.00	250.00	0.00066	-11.00	250.00	0.00064
-9.00	250.00	0.00061	9.00	250.00	0.00046
11.00	250.00	0.00046	13.00	250.00	0.00046
15.00	250.00	0.00046	17.00	250.00	0.00046

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

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

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00046	25.00	250.00	0.00044
30.00	250.00	0.00043	40.00	250.00	0.00040
50.00	250.00	0.00038	60.00	250.00	0.00036
70.00	250.00	0.00035	80.00	250.00	0.00033
90.00	250.00	0.00031	100.00	250.00	0.00030

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

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00610 AT ( 17.00, 150.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00609 AT ( 15.00, 150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00607 AT ( 15.00, 160.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00607 AT ( 17.00, 160.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00605 AT ( 20.00, 150.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00605 AT ( 13.00, 150.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00604 AT ( 13.00, 160.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00600 AT ( 20.00, 160.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00598 AT ( 11.00, 160.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00598 AT ( 11.00, 150.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00610 AT ( 17.00, 60.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00609 AT ( 15.00, 60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00607 AT ( 15.00, 70.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00607 AT ( 17.00, 70.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00605 AT ( 20.00, 60.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00605 AT ( 13.00, 60.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00604 AT ( 13.00, 70.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00600 AT ( 20.00, 70.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00598 AT ( 11.00, 70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00598 AT ( 11.00, 60.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00610 AT ( 17.00, -30.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00609 AT ( 15.00, -30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00607 AT ( 15.00, -20.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00607 AT ( 17.00, -20.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00605 AT ( 20.00, -30.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00605 AT ( 13.00, -30.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00604 AT ( 13.00, -20.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00600 AT ( 20.00, -20.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00598 AT ( 11.00, -20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00598 AT ( 11.00, -30.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00610 AT ( 17.00, -120.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00609 AT ( 15.00, -120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00607 AT ( 15.00, -110.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00607 AT ( 17.00, -110.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00605 AT ( 20.00, -120.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00605 AT ( 13.00, -120.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00604 AT ( 13.00, -110.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00600 AT ( 20.00, -110.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00598 AT ( 11.00, -110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00598 AT ( 11.00, -120.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00610 AT ( 17.00, -210.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00609 AT ( 15.00, -210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00607 AT ( 15.00, -200.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00607 AT ( 17.00, -200.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00605 AT ( 20.00, -210.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00605 AT ( 13.00, -210.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00604 AT ( 13.00, -200.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00600 AT ( 20.00, -200.00, 0.00, 1.20)	DC	NA



		01NCRA_PL91-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00598	AT (	11.00,	-200.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00598	AT (	11.00,	-210.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00749	AT (	17.00,	-110.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00749	AT (	17.00,	-100.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00749	AT (	17.00,	-80.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00748	AT (	17.00,	-90.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748	AT (	17.00,	-70.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00748	AT (	17.00,	-120.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00748	AT (	17.00,	-60.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00747	AT (	17.00,	-130.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00747	AT (	17.00,	-50.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00747	AT (	17.00,	-40.00,	0.00,	1.20)	DC	NA

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

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 6 Informational Message(s)  
 A Total of 6 Calm Hours Identified

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

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

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