

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 10:05:15

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Petaluma\03NCRA_PL93-300_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
RE DISCCART	50.0	-250.0	1.2
RE DISCCART	60.0	-250.0	1.2
RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
RE 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
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RE DISCCART 11.0 -230.0 1.2
RE DISCCART 13.0 -230.0 1.2
RE DISCCART 15.0 -230.0 1.2
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RE DISCCART 30.0 -230.0 1.2
RE DISCCART 40.0 -230.0 1.2
RE DISCCART 50.0 -230.0 1.2
RE DISCCART 60.0 -230.0 1.2
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	-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
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RE DISCCART	60.0	-220.0	1.2
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RE DISCCART	-50.0	-210.0	1.2
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RE DISCCART	-30.0	-210.0	1.2
RE DISCCART	-25.0	-210.0	1.2
RE DISCCART	-20.0	-210.0	1.2
RE DISCCART	-17.0	-210.0	1.2

RE DISCCART -15.0 -210.0 1.2
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RE DISCCART 80.0 -210.0 1.2
RE DISCCART 90.0 -210.0 1.2
RE DISCCART 100.0 -210.0 1.2
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RE DISCCART 30.0 -200.0 1.2
RE DISCCART 40.0 -200.0 1.2
RE DISCCART 50.0 -200.0 1.2

RE DISCCART	60.0	-200.0	1.2
RE DISCCART	70.0	-200.0	1.2
RE DISCCART	80.0	-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	13.0	-190.0	1.2
RE DISCCART	15.0	-190.0	1.2
RE DISCCART	17.0	-190.0	1.2
RE DISCCART	20.0	-190.0	1.2
RE DISCCART	25.0	-190.0	1.2
RE DISCCART	30.0	-190.0	1.2
RE DISCCART	40.0	-190.0	1.2
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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

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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 -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
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RE DISCCART -13.0 -170.0 1.2
RE DISCCART -11.0 -170.0 1.2
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RE DISCCART 11.0 -170.0 1.2
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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
RE DISCCART	50.0	-170.0	1.2
RE DISCCART	60.0	-170.0	1.2
RE DISCCART	70.0	-170.0	1.2
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RE DISCCART	-90.0	-160.0	1.2
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RE DISCCART	-70.0	-160.0	1.2
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RE DISCCART	-40.0	-160.0	1.2
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RE DISCCART	-20.0	-160.0	1.2
RE DISCCART	-17.0	-160.0	1.2
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RE DISCCART	80.0	-160.0	1.2
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RE DISCCART	-80.0	-150.0	1.2
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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
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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
RE DISCCART	11.0	-150.0	1.2
RE DISCCART	13.0	-150.0	1.2
RE DISCCART	15.0	-150.0	1.2
RE DISCCART	17.0	-150.0	1.2
RE DISCCART	20.0	-150.0	1.2
RE DISCCART	25.0	-150.0	1.2
RE DISCCART	30.0	-150.0	1.2
RE DISCCART	40.0	-150.0	1.2
RE DISCCART	50.0	-150.0	1.2
RE DISCCART	60.0	-150.0	1.2
RE DISCCART	70.0	-150.0	1.2
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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
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RE DISCCART	9.0	-130.0	1.2
RE DISCCART	11.0	-130.0	1.2
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RE DISCCART	15.0	-130.0	1.2
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RE DISCCART	60.0	-130.0	1.2
RE DISCCART	70.0	-130.0	1.2
RE DISCCART	80.0	-130.0	1.2
RE DISCCART	90.0	-130.0	1.2
RE DISCCART	100.0	-130.0	1.2
RE DISCCART	-100.0	-120.0	1.2
RE DISCCART	-90.0	-120.0	1.2
RE DISCCART	-80.0	-120.0	1.2
RE DISCCART	-70.0	-120.0	1.2
RE DISCCART	-60.0	-120.0	1.2

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RE DISCCART	-15.0	-120.0	1.2
RE DISCCART	-13.0	-120.0	1.2
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RE DISCCART	-9.0	-120.0	1.2
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RE DISCCART	17.0	170.0	1.2
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RE DISCCART	25.0	170.0	1.2
RE DISCCART	30.0	170.0	1.2
RE DISCCART	40.0	170.0	1.2
RE DISCCART	50.0	170.0	1.2
RE DISCCART	60.0	170.0	1.2
RE DISCCART	70.0	170.0	1.2
RE DISCCART	80.0	170.0	1.2
RE DISCCART	90.0	170.0	1.2
RE DISCCART	100.0	170.0	1.2
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	190.0	1.2
RE DISCCART	-90.0	190.0	1.2
RE DISCCART	-80.0	190.0	1.2
RE DISCCART	-70.0	190.0	1.2
RE DISCCART	-60.0	190.0	1.2
RE DISCCART	-50.0	190.0	1.2
RE DISCCART	-40.0	190.0	1.2
RE DISCCART	-30.0	190.0	1.2
RE DISCCART	-25.0	190.0	1.2
RE DISCCART	-20.0	190.0	1.2
RE DISCCART	-17.0	190.0	1.2
RE DISCCART	-15.0	190.0	1.2
RE DISCCART	-13.0	190.0	1.2
RE DISCCART	-11.0	190.0	1.2
RE DISCCART	-9.0	190.0	1.2
RE DISCCART	9.0	190.0	1.2
RE DISCCART	11.0	190.0	1.2
RE DISCCART	13.0	190.0	1.2
RE DISCCART	15.0	190.0	1.2
RE DISCCART	17.0	190.0	1.2
RE DISCCART	20.0	190.0	1.2
RE DISCCART	25.0	190.0	1.2
RE DISCCART	30.0	190.0	1.2
RE DISCCART	40.0	190.0	1.2
RE DISCCART	50.0	190.0	1.2
RE DISCCART	60.0	190.0	1.2
RE DISCCART	70.0	190.0	1.2
RE DISCCART	80.0	190.0	1.2
RE DISCCART	90.0	190.0	1.2
RE DISCCART	100.0	190.0	1.2
RE DISCCART	-100.0	200.0	1.2
RE DISCCART	-90.0	200.0	1.2
RE DISCCART	-80.0	200.0	1.2
RE DISCCART	-70.0	200.0	1.2
RE DISCCART	-60.0	200.0	1.2
RE DISCCART	-50.0	200.0	1.2
RE DISCCART	-40.0	200.0	1.2
RE DISCCART	-30.0	200.0	1.2
RE DISCCART	-25.0	200.0	1.2
RE DISCCART	-20.0	200.0	1.2
RE DISCCART	-17.0	200.0	1.2
RE DISCCART	-15.0	200.0	1.2
RE DISCCART	-13.0	200.0	1.2

RE DISCCART	-11.0	200.0	1.2
RE DISCCART	-9.0	200.0	1.2
RE DISCCART	9.0	200.0	1.2
RE DISCCART	11.0	200.0	1.2
RE DISCCART	13.0	200.0	1.2
RE DISCCART	15.0	200.0	1.2
RE DISCCART	17.0	200.0	1.2
RE DISCCART	20.0	200.0	1.2
RE DISCCART	25.0	200.0	1.2
RE DISCCART	30.0	200.0	1.2
RE DISCCART	40.0	200.0	1.2
RE DISCCART	50.0	200.0	1.2
RE DISCCART	60.0	200.0	1.2
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RE DISCCART	80.0	200.0	1.2
RE DISCCART	90.0	200.0	1.2
RE DISCCART	100.0	200.0	1.2
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RE DISCCART	-25.0	210.0	1.2
RE DISCCART	-20.0	210.0	1.2
RE DISCCART	-17.0	210.0	1.2
RE DISCCART	-15.0	210.0	1.2
RE DISCCART	-13.0	210.0	1.2
RE DISCCART	-11.0	210.0	1.2
RE DISCCART	-9.0	210.0	1.2
RE DISCCART	9.0	210.0	1.2
RE DISCCART	11.0	210.0	1.2
RE DISCCART	13.0	210.0	1.2
RE DISCCART	15.0	210.0	1.2
RE DISCCART	17.0	210.0	1.2
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RE DISCCART	70.0	210.0	1.2

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RE DISCCART	-11.0	220.0	1.2
RE DISCCART	-9.0	220.0	1.2
RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
RE DISCCART	13.0	220.0	1.2
RE DISCCART	15.0	220.0	1.2
RE DISCCART	17.0	220.0	1.2
RE DISCCART	20.0	220.0	1.2
RE DISCCART	25.0	220.0	1.2
RE DISCCART	30.0	220.0	1.2
RE DISCCART	40.0	220.0	1.2
RE DISCCART	50.0	220.0	1.2
RE DISCCART	60.0	220.0	1.2
RE DISCCART	70.0	220.0	1.2
RE DISCCART	80.0	220.0	1.2
RE DISCCART	90.0	220.0	1.2
RE DISCCART	100.0	220.0	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	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 -100.0 250.0 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
 RE DISCCART 50.0 250.0 1.2
 RE DISCCART 60.0 250.0 1.2
 RE DISCCART 70.0 250.0 1.2
 RE DISCCART 80.0 250.0 1.2
 RE DISCCART 90.0 250.0 1.2
 RE DISCCART 100.0 250.0 1.2
 RE FINISHED

ME STARTING
 ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET93300.ASC"
 ME ANEMHGHT 10 METERS
 ME SURFDATA 9901 1993
 ME UAIRDATA 9901 1993
 ME STARTEND 1993 01 01 1 1993 12 31 24
 ME FINISHED

OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\03NCRA_PL93-300_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 ***

10:05:15

**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\03NCRA~2.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\03NCRA-2.LST

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

10:05:15
 **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
 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,
 NCRA_S2 NCRA_S2 ,
 NCRA_S3 NCRA_S3 ,
 NCRA_S4 NCRA_S4 ,
 NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

10:05:15
 **MODELOPTs:
 PAGE 4

CONC URBAN FLAT FLGPOL DFAULT

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

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

03NCRA_PL93-300_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);

**MODELOPTs:
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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);

03NCRA_PL93-300_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 ***

10:05:15

**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);

03NCRA_PL93-300_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 ***

10:05:15
 **MODELOPTs:
 PAGE 7
 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);

03NCRA_PL93-300_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 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

10:05:15
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

03NCRA_PL93-300_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 ***

10:05:15
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

03NCRA_PL93-300_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 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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

10:05:15

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

03NCRA_PL93-300_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);

03NCRA_PL93-300_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 *** ICSST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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

10:05:15

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)

(METERS)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

03NCRA_PL93-300_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 ***

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

(-100.0,	-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);

03NCRA_PL93-300_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

10:05:15

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

**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);

03NCRA_PL93-300_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

10:05:15

**MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

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

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

03NCRA_PL93-300_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 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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

10:05:15

**MODELOPTs:
PAGE 15

CONC

URBAN FLAT FLGPOL DFAULT

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

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

03NCRA_PL93-300_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);

03NCRA_PL93-300_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 ***

10:05:15

**MODELOPTs:

PAGE 17

CONC

URBAN FLAT FLGPOL DFAULT

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

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

03NCRA_PL93-300_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 ***

10:05:15
 **MODELOPTs:
 PAGE 18
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

03NCRA_PL93-300_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 ***

10:05:15
 **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);

03NCRA_PL93-300_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 ***

10:05:15
 **MODELOPTs:
 PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

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

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

03NCRA_PL93-300_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 ***

10:05:15
 **MODELOPTs:
 PAGE 21
 CONC

URBAN FLAT FLGPOL DFAULT

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

03NCRA_PL93-300_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)
93	01	01	01	8.0	4.47	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	02	99.0	3.80	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	03	108.0	3.98	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	04	110.0	4.87	281.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	05	105.0	3.26	280.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	06	95.0	2.19	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	07	112.0	2.59	280.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	08	114.0	2.82	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	09	115.0	2.91	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	10	129.0	1.97	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	11	123.0	3.31	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	12	134.0	3.89	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	13	128.0	3.00	283.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	14	141.0	3.17	283.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	15	129.0	3.62	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	16	106.0	4.60	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	17	103.0	3.71	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	18	125.0	2.50	279.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	19	114.0	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	20	147.0	3.62	275.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	21	130.0	2.95	275.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	22	106.0	3.08	274.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	23	117.0	2.64	273.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	24	119.0	3.00	272.9	5	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 *** ICSCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

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

10:05:15

**MODELOPTs:

PAGE 23

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-60.00	-240.00	0.00006	-50.00	-240.00	0.00006
-40.00	-240.00	0.00006	-30.00	-240.00	0.00006
-25.00	-240.00	0.00006	-20.00	-240.00	0.00006
-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	0.00007
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	0.00008	80.00	-240.00	0.00008
90.00	-240.00	0.00009	100.00	-240.00	0.00009
-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	0.00006	-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	0.00007
-9.00	-230.00	0.00007	9.00	-230.00	0.00007
11.00	-230.00	0.00007	13.00	-230.00	0.00007
15.00	-230.00	0.00007	17.00	-230.00	0.00007

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

10:05:15
 **MODELOPTS:
 PAGE 24

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00007	25.00	-230.00	0.00008
30.00	-230.00	0.00008	40.00	-230.00	0.00008
50.00	-230.00	0.00008	60.00	-230.00	0.00008
70.00	-230.00	0.00009	80.00	-230.00	0.00009
90.00	-230.00	0.00009	100.00	-230.00	0.00009
-100.00	-220.00	0.00005	-90.00	-220.00	0.00005
-80.00	-220.00	0.00005	-70.00	-220.00	0.00006
-60.00	-220.00	0.00006	-50.00	-220.00	0.00006
-40.00	-220.00	0.00007	-30.00	-220.00	0.00007
-25.00	-220.00	0.00007	-20.00	-220.00	0.00007
-17.00	-220.00	0.00007	-15.00	-220.00	0.00007

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

10:05:15
 **MODELOPTS:
 PAGE 25
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00008	-15.00	-200.00	0.00008
-13.00	-200.00	0.00008	-11.00	-200.00	0.00008
-9.00	-200.00	0.00008	9.00	-200.00	0.00008
11.00	-200.00	0.00008	13.00	-200.00	0.00008
15.00	-200.00	0.00008	17.00	-200.00	0.00009

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 10:05:15
 **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 **

03NCRA_PL93-300_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	0.00006	-90.00	-170.00	0.00006
-80.00	-170.00	0.00007	-70.00	-170.00	0.00007
-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	0.00009	-20.00	-170.00	0.00009
-17.00	-170.00	0.00009	-15.00	-170.00	0.00009
-13.00	-170.00	0.00009	-11.00	-170.00	0.00009
-9.00	-170.00	0.00009	9.00	-170.00	0.00010
11.00	-170.00	0.00010	13.00	-170.00	0.00010
15.00	-170.00	0.00010	17.00	-170.00	0.00010
20.00	-170.00	0.00010	25.00	-170.00	0.00010
30.00	-170.00	0.00010	40.00	-170.00	0.00011
50.00	-170.00	0.00011	60.00	-170.00	0.00011
70.00	-170.00	0.00012	80.00	-170.00	0.00012
90.00	-170.00	0.00013	100.00	-170.00	0.00013
-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	0.00008	-50.00	-160.00	0.00008
-40.00	-160.00	0.00008	-30.00	-160.00	0.00009
-25.00	-160.00	0.00009	-20.00	-160.00	0.00009
-17.00	-160.00	0.00009	-15.00	-160.00	0.00010
-13.00	-160.00	0.00010	-11.00	-160.00	0.00010
-9.00	-160.00	0.00010	9.00	-160.00	0.00010
11.00	-160.00	0.00010	13.00	-160.00	0.00010
15.00	-160.00	0.00010	17.00	-160.00	0.00010
20.00	-160.00	0.00011	25.00	-160.00	0.00011
30.00	-160.00	0.00011	40.00	-160.00	0.00011
50.00	-160.00	0.00012	60.00	-160.00	0.00012
70.00	-160.00	0.00013	80.00	-160.00	0.00013
90.00	-160.00	0.00014	100.00	-160.00	0.00014
-100.00	-150.00	0.00007	-90.00	-150.00	0.00007
-80.00	-150.00	0.00007	-70.00	-150.00	0.00008
-60.00	-150.00	0.00008	-50.00	-150.00	0.00008
-40.00	-150.00	0.00009	-30.00	-150.00	0.00009
-25.00	-150.00	0.00010	-20.00	-150.00	0.00010
-17.00	-150.00	0.00010	-15.00	-150.00	0.00010
-13.00	-150.00	0.00010	-11.00	-150.00	0.00010
-9.00	-150.00	0.00010	9.00	-150.00	0.00011
11.00	-150.00	0.00011	13.00	-150.00	0.00011
15.00	-150.00	0.00011	17.00	-150.00	0.00011

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

*** NCRA Cumulative DPM Impacts

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

10:05:15
**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	0.00011	25.00	-150.00	0.00011
30.00	-150.00	0.00012	40.00	-150.00	0.00012
50.00	-150.00	0.00012	60.00	-150.00	0.00013
70.00	-150.00	0.00013	80.00	-150.00	0.00014
90.00	-150.00	0.00015	100.00	-150.00	0.00015
-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	0.00009	-30.00	-140.00	0.00010
-25.00	-140.00	0.00010	-20.00	-140.00	0.00010
-17.00	-140.00	0.00011	-15.00	-140.00	0.00011
-13.00	-140.00	0.00011	-11.00	-140.00	0.00011
-9.00	-140.00	0.00011	9.00	-140.00	0.00011
11.00	-140.00	0.00012	13.00	-140.00	0.00012
15.00	-140.00	0.00012	17.00	-140.00	0.00012
20.00	-140.00	0.00012	25.00	-140.00	0.00012
30.00	-140.00	0.00012	40.00	-140.00	0.00013
50.00	-140.00	0.00013	60.00	-140.00	0.00014
70.00	-140.00	0.00014	80.00	-140.00	0.00015
90.00	-140.00	0.00016	100.00	-140.00	0.00016
-100.00	-130.00	0.00007	-90.00	-130.00	0.00008
-80.00	-130.00	0.00008	-70.00	-130.00	0.00008
-60.00	-130.00	0.00009	-50.00	-130.00	0.00009
-40.00	-130.00	0.00010	-30.00	-130.00	0.00010
-25.00	-130.00	0.00011	-20.00	-130.00	0.00011
-17.00	-130.00	0.00011	-15.00	-130.00	0.00011
-13.00	-130.00	0.00011	-11.00	-130.00	0.00011
-9.00	-130.00	0.00012	9.00	-130.00	0.00012
11.00	-130.00	0.00012	13.00	-130.00	0.00012
15.00	-130.00	0.00012	17.00	-130.00	0.00012
20.00	-130.00	0.00013	25.00	-130.00	0.00013
30.00	-130.00	0.00013	40.00	-130.00	0.00014
50.00	-130.00	0.00014	60.00	-130.00	0.00015
70.00	-130.00	0.00015	80.00	-130.00	0.00016
90.00	-130.00	0.00017	100.00	-130.00	0.00017
-100.00	-120.00	0.00008	-90.00	-120.00	0.00008
-80.00	-120.00	0.00008	-70.00	-120.00	0.00009

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-60.00	-120.00	0.00009	-50.00	-120.00	0.00010
-40.00	-120.00	0.00010	-30.00	-120.00	0.00011
-25.00	-120.00	0.00011	-20.00	-120.00	0.00012

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

10:05:15
 **MODELOPTs:
 PAGE 28

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00012	-15.00	-120.00	0.00012
-13.00	-120.00	0.00012	-11.00	-120.00	0.00012
-9.00	-120.00	0.00012	9.00	-120.00	0.00013
11.00	-120.00	0.00013	13.00	-120.00	0.00013
15.00	-120.00	0.00013	17.00	-120.00	0.00013
20.00	-120.00	0.00013	25.00	-120.00	0.00014
30.00	-120.00	0.00014	40.00	-120.00	0.00014
50.00	-120.00	0.00015	60.00	-120.00	0.00016
70.00	-120.00	0.00016	80.00	-120.00	0.00017
90.00	-120.00	0.00018	100.00	-120.00	0.00019
-100.00	-110.00	0.00008	-90.00	-110.00	0.00008
-80.00	-110.00	0.00009	-70.00	-110.00	0.00009
-60.00	-110.00	0.00010	-50.00	-110.00	0.00010
-40.00	-110.00	0.00011	-30.00	-110.00	0.00012
-25.00	-110.00	0.00012	-20.00	-110.00	0.00012
-17.00	-110.00	0.00013	-15.00	-110.00	0.00013
-13.00	-110.00	0.00013	-11.00	-110.00	0.00013
-9.00	-110.00	0.00013	9.00	-110.00	0.00014
11.00	-110.00	0.00014	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	0.00015
30.00	-110.00	0.00015	40.00	-110.00	0.00015
50.00	-110.00	0.00016	60.00	-110.00	0.00017
70.00	-110.00	0.00018	80.00	-110.00	0.00019
90.00	-110.00	0.00019	100.00	-110.00	0.00020
-100.00	-100.00	0.00008	-90.00	-100.00	0.00009
-80.00	-100.00	0.00009	-70.00	-100.00	0.00010
-60.00	-100.00	0.00010	-50.00	-100.00	0.00011
-40.00	-100.00	0.00012	-30.00	-100.00	0.00012
-25.00	-100.00	0.00013	-20.00	-100.00	0.00013
-17.00	-100.00	0.00013	-15.00	-100.00	0.00013

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:05:15

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:05:15
 **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	0.00019	25.00	-70.00	0.00019
30.00	-70.00	0.00020	40.00	-70.00	0.00021
50.00	-70.00	0.00022	60.00	-70.00	0.00023
70.00	-70.00	0.00025	80.00	-70.00	0.00026
90.00	-70.00	0.00027	100.00	-70.00	0.00028
-100.00	-60.00	0.00010	-90.00	-60.00	0.00011
-80.00	-60.00	0.00011	-70.00	-60.00	0.00012
-60.00	-60.00	0.00013	-50.00	-60.00	0.00014
-40.00	-60.00	0.00015	-30.00	-60.00	0.00016
-25.00	-60.00	0.00016	-20.00	-60.00	0.00017
-17.00	-60.00	0.00017	-15.00	-60.00	0.00018
-13.00	-60.00	0.00018	-11.00	-60.00	0.00018
-9.00	-60.00	0.00018	9.00	-60.00	0.00020
11.00	-60.00	0.00020	13.00	-60.00	0.00020
15.00	-60.00	0.00020	17.00	-60.00	0.00020
20.00	-60.00	0.00021	25.00	-60.00	0.00021
30.00	-60.00	0.00022	40.00	-60.00	0.00023
50.00	-60.00	0.00024	60.00	-60.00	0.00026
70.00	-60.00	0.00027	80.00	-60.00	0.00028

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:05:15

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00020	-15.00	-40.00	0.00020
-13.00	-40.00	0.00021	-11.00	-40.00	0.00021
-9.00	-40.00	0.00021	9.00	-40.00	0.00023
11.00	-40.00	0.00023	13.00	-40.00	0.00024
15.00	-40.00	0.00024	17.00	-40.00	0.00024
20.00	-40.00	0.00024	25.00	-40.00	0.00025
30.00	-40.00	0.00026	40.00	-40.00	0.00027
50.00	-40.00	0.00029	60.00	-40.00	0.00031
70.00	-40.00	0.00033	80.00	-40.00	0.00035
90.00	-40.00	0.00036	100.00	-40.00	0.00037
-100.00	-30.00	0.00012	-90.00	-30.00	0.00013
-80.00	-30.00	0.00014	-70.00	-30.00	0.00014
-60.00	-30.00	0.00015	-50.00	-30.00	0.00016

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00018	-30.00	-30.00	0.00019
-25.00	-30.00	0.00020	-20.00	-30.00	0.00021
-17.00	-30.00	0.00022	-15.00	-30.00	0.00022
-13.00	-30.00	0.00022	-11.00	-30.00	0.00023
-9.00	-30.00	0.00023	9.00	-30.00	0.00025
11.00	-30.00	0.00026	13.00	-30.00	0.00026
15.00	-30.00	0.00026	17.00	-30.00	0.00026
20.00	-30.00	0.00027	25.00	-30.00	0.00028
30.00	-30.00	0.00028	40.00	-30.00	0.00030
50.00	-30.00	0.00032	60.00	-30.00	0.00034
70.00	-30.00	0.00036	80.00	-30.00	0.00038
90.00	-30.00	0.00040	100.00	-30.00	0.00041
-100.00	-20.00	0.00013	-90.00	-20.00	0.00014
-80.00	-20.00	0.00014	-70.00	-20.00	0.00015
-60.00	-20.00	0.00016	-50.00	-20.00	0.00018
-40.00	-20.00	0.00019	-30.00	-20.00	0.00021
-25.00	-20.00	0.00022	-20.00	-20.00	0.00023
-17.00	-20.00	0.00024	-15.00	-20.00	0.00024
-13.00	-20.00	0.00024	-11.00	-20.00	0.00025
-9.00	-20.00	0.00025	9.00	-20.00	0.00028
11.00	-20.00	0.00028	13.00	-20.00	0.00028
15.00	-20.00	0.00029	17.00	-20.00	0.00029
20.00	-20.00	0.00029	25.00	-20.00	0.00030
30.00	-20.00	0.00031	40.00	-20.00	0.00034
50.00	-20.00	0.00036	60.00	-20.00	0.00038
70.00	-20.00	0.00041	80.00	-20.00	0.00043
90.00	-20.00	0.00044	100.00	-20.00	0.00046

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

10:05:15
 **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	0.00014	-90.00	-10.00	0.00014
-80.00	-10.00	0.00015	-70.00	-10.00	0.00016
-60.00	-10.00	0.00018	-50.00	-10.00	0.00019
-40.00	-10.00	0.00021	-30.00	-10.00	0.00023
-25.00	-10.00	0.00024	-20.00	-10.00	0.00025
-17.00	-10.00	0.00026	-15.00	-10.00	0.00026
-13.00	-10.00	0.00027	-11.00	-10.00	0.00027

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00028	9.00	-10.00	0.00031
11.00	-10.00	0.00031	13.00	-10.00	0.00031
15.00	-10.00	0.00032	17.00	-10.00	0.00032
20.00	-10.00	0.00033	25.00	-10.00	0.00034
30.00	-10.00	0.00035	40.00	-10.00	0.00038
50.00	-10.00	0.00040	60.00	-10.00	0.00043
70.00	-10.00	0.00046	80.00	-10.00	0.00048
90.00	-10.00	0.00050	100.00	-10.00	0.00051
-100.00	0.00	0.00015	-90.00	0.00	0.00016
-80.00	0.00	0.00017	-70.00	0.00	0.00018
-60.00	0.00	0.00019	-50.00	0.00	0.00021
-40.00	0.00	0.00022	-30.00	0.00	0.00025
-25.00	0.00	0.00026	-20.00	0.00	0.00027
-17.00	0.00	0.00028	-15.00	0.00	0.00029
-13.00	0.00	0.00029	-11.00	0.00	0.00030
-9.00	0.00	0.00030	9.00	0.00	0.00034
11.00	0.00	0.00034	13.00	0.00	0.00035
15.00	0.00	0.00035	17.00	0.00	0.00036
20.00	0.00	0.00036	25.00	0.00	0.00038
30.00	0.00	0.00039	40.00	0.00	0.00042
50.00	0.00	0.00046	60.00	0.00	0.00049
70.00	0.00	0.00052	80.00	0.00	0.00054
90.00	0.00	0.00056	100.00	0.00	0.00057
-100.00	10.00	0.00015	-90.00	10.00	0.00017
-80.00	10.00	0.00018	-70.00	10.00	0.00019
-60.00	10.00	0.00021	-50.00	10.00	0.00022
-40.00	10.00	0.00024	-30.00	10.00	0.00027
-25.00	10.00	0.00028	-20.00	10.00	0.00030
-17.00	10.00	0.00031	-15.00	10.00	0.00032
-13.00	10.00	0.00032	-11.00	10.00	0.00033
-9.00	10.00	0.00033	9.00	10.00	0.00038
11.00	10.00	0.00038	13.00	10.00	0.00039
15.00	10.00	0.00039	17.00	10.00	0.00040

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

10:05:15
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00041	25.00	10.00	0.00042

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00044	40.00	10.00	0.00048
50.00	10.00	0.00052	60.00	10.00	0.00056
70.00	10.00	0.00059	80.00	10.00	0.00061
90.00	10.00	0.00063	100.00	10.00	0.00064
-100.00	20.00	0.00016	-90.00	20.00	0.00018
-80.00	20.00	0.00019	-70.00	20.00	0.00021
-60.00	20.00	0.00022	-50.00	20.00	0.00024
-40.00	20.00	0.00026	-30.00	20.00	0.00029
-25.00	20.00	0.00031	-20.00	20.00	0.00033
-17.00	20.00	0.00034	-15.00	20.00	0.00035
-13.00	20.00	0.00036	-11.00	20.00	0.00036
-9.00	20.00	0.00037	9.00	20.00	0.00042
11.00	20.00	0.00043	13.00	20.00	0.00044
15.00	20.00	0.00044	17.00	20.00	0.00045
20.00	20.00	0.00046	25.00	20.00	0.00048
30.00	20.00	0.00050	40.00	20.00	0.00055
50.00	20.00	0.00060	60.00	20.00	0.00064
70.00	20.00	0.00067	80.00	20.00	0.00070
90.00	20.00	0.00071	100.00	20.00	0.00072
-100.00	30.00	0.00017	-90.00	30.00	0.00019
-80.00	30.00	0.00021	-70.00	30.00	0.00022
-60.00	30.00	0.00024	-50.00	30.00	0.00026
-40.00	30.00	0.00029	-30.00	30.00	0.00032
-25.00	30.00	0.00034	-20.00	30.00	0.00036
-17.00	30.00	0.00038	-15.00	30.00	0.00039
-13.00	30.00	0.00040	-11.00	30.00	0.00041
-9.00	30.00	0.00041	9.00	30.00	0.00048
11.00	30.00	0.00049	13.00	30.00	0.00049
15.00	30.00	0.00050	17.00	30.00	0.00051
20.00	30.00	0.00053	25.00	30.00	0.00055
30.00	30.00	0.00058	40.00	30.00	0.00064
50.00	30.00	0.00069	60.00	30.00	0.00074
70.00	30.00	0.00078	80.00	30.00	0.00080
90.00	30.00	0.00081	100.00	30.00	0.00082
-100.00	40.00	0.00017	-90.00	40.00	0.00020
-80.00	40.00	0.00022	-70.00	40.00	0.00024
-60.00	40.00	0.00026	-50.00	40.00	0.00029
-40.00	40.00	0.00032	-30.00	40.00	0.00036
-25.00	40.00	0.00038	-20.00	40.00	0.00040

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

*** NCRA Cumulative DPM Impacts

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

10:05:15

**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	0.00042	-15.00	40.00	0.00043
-13.00	40.00	0.00044	-11.00	40.00	0.00045
-9.00	40.00	0.00047	9.00	40.00	0.00055
11.00	40.00	0.00056	13.00	40.00	0.00057
15.00	40.00	0.00058	17.00	40.00	0.00059
20.00	40.00	0.00061	25.00	40.00	0.00064
30.00	40.00	0.00067	40.00	40.00	0.00075
50.00	40.00	0.00081	60.00	40.00	0.00087
70.00	40.00	0.00090	80.00	40.00	0.00092
90.00	40.00	0.00093	100.00	40.00	0.00094
-100.00	50.00	0.00018	-90.00	50.00	0.00020
-80.00	50.00	0.00023	-70.00	50.00	0.00026
-60.00	50.00	0.00029	-50.00	50.00	0.00032
-40.00	50.00	0.00035	-30.00	50.00	0.00039
-25.00	50.00	0.00042	-20.00	50.00	0.00045
-17.00	50.00	0.00047	-15.00	50.00	0.00048
-13.00	50.00	0.00050	-11.00	50.00	0.00051
-9.00	50.00	0.00053	9.00	50.00	0.00063
11.00	50.00	0.00064	13.00	50.00	0.00065
15.00	50.00	0.00067	17.00	50.00	0.00068
20.00	50.00	0.00071	25.00	50.00	0.00075
30.00	50.00	0.00080	40.00	50.00	0.00089
50.00	50.00	0.00096	60.00	50.00	0.00102
70.00	50.00	0.00105	80.00	50.00	0.00107
90.00	50.00	0.00108	100.00	50.00	0.00107
-100.00	60.00	0.00018	-90.00	60.00	0.00021
-80.00	60.00	0.00024	-70.00	60.00	0.00028
-60.00	60.00	0.00032	-50.00	60.00	0.00035
-40.00	60.00	0.00039	-30.00	60.00	0.00044
-25.00	60.00	0.00047	-20.00	60.00	0.00050
-17.00	60.00	0.00053	-15.00	60.00	0.00054
-13.00	60.00	0.00056	-11.00	60.00	0.00058
-9.00	60.00	0.00060	9.00	60.00	0.00073
11.00	60.00	0.00075	13.00	60.00	0.00077
15.00	60.00	0.00079	17.00	60.00	0.00081
20.00	60.00	0.00084	25.00	60.00	0.00090
30.00	60.00	0.00095	40.00	60.00	0.00107
50.00	60.00	0.00115	60.00	60.00	0.00121
70.00	60.00	0.00125	80.00	60.00	0.00126

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

90.00 60.00 0.00125 100.00 60.00 0.00122

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

10:05:15

**MODELOPTs:
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00019	-90.00	70.00	0.00022
-80.00	70.00	0.00025	-70.00	70.00	0.00029
-60.00	70.00	0.00034	-50.00	70.00	0.00039
-40.00	70.00	0.00043	-30.00	70.00	0.00049
-25.00	70.00	0.00053	-20.00	70.00	0.00057
-17.00	70.00	0.00060	-15.00	70.00	0.00062
-13.00	70.00	0.00064	-11.00	70.00	0.00066
-9.00	70.00	0.00068	9.00	70.00	0.00086
11.00	70.00	0.00088	13.00	70.00	0.00091
15.00	70.00	0.00094	17.00	70.00	0.00096
20.00	70.00	0.00101	25.00	70.00	0.00109
30.00	70.00	0.00117	40.00	70.00	0.00130
50.00	70.00	0.00140	60.00	70.00	0.00146
70.00	70.00	0.00149	80.00	70.00	0.00148
90.00	70.00	0.00144	100.00	70.00	0.00138
-100.00	80.00	0.00019	-90.00	80.00	0.00022
-80.00	80.00	0.00026	-70.00	80.00	0.00030
-60.00	80.00	0.00036	-50.00	80.00	0.00042
-40.00	80.00	0.00049	-30.00	80.00	0.00055
-25.00	80.00	0.00059	-20.00	80.00	0.00064
-17.00	80.00	0.00068	-15.00	80.00	0.00070
-13.00	80.00	0.00073	-11.00	80.00	0.00076
-9.00	80.00	0.00079	9.00	80.00	0.00103
11.00	80.00	0.00106	13.00	80.00	0.00110
15.00	80.00	0.00114	17.00	80.00	0.00118
20.00	80.00	0.00124	25.00	80.00	0.00135
30.00	80.00	0.00145	40.00	80.00	0.00162
50.00	80.00	0.00173	60.00	80.00	0.00178
70.00	80.00	0.00178	80.00	80.00	0.00173
90.00	80.00	0.00165	100.00	80.00	0.00155
-100.00	90.00	0.00020	-90.00	90.00	0.00023
-80.00	90.00	0.00027	-70.00	90.00	0.00032
-60.00	90.00	0.00038	-50.00	90.00	0.00045

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-40.00	90.00	0.00054	-30.00	90.00	0.00062
-25.00	90.00	0.00067	-20.00	90.00	0.00073
-17.00	90.00	0.00077	-15.00	90.00	0.00080
-13.00	90.00	0.00083	-11.00	90.00	0.00087
-9.00	90.00	0.00091	9.00	90.00	0.00125
11.00	90.00	0.00130	13.00	90.00	0.00136
15.00	90.00	0.00142	17.00	90.00	0.00148

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

10:05:15

**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	0.00157	25.00	90.00	0.00172
30.00	90.00	0.00185	40.00	90.00	0.00205
50.00	90.00	0.00216	60.00	90.00	0.00217
70.00	90.00	0.00211	80.00	90.00	0.00199
90.00	90.00	0.00185	100.00	90.00	0.00170
-100.00	100.00	0.00021	-90.00	100.00	0.00024
-80.00	100.00	0.00029	-70.00	100.00	0.00034
-60.00	100.00	0.00040	-50.00	100.00	0.00047
-40.00	100.00	0.00058	-30.00	100.00	0.00070
-25.00	100.00	0.00076	-20.00	100.00	0.00083
-17.00	100.00	0.00087	-15.00	100.00	0.00091
-13.00	100.00	0.00095	-11.00	100.00	0.00100
-9.00	100.00	0.00105	9.00	100.00	0.00156
11.00	100.00	0.00164	13.00	100.00	0.00173
15.00	100.00	0.00182	17.00	100.00	0.00192
20.00	100.00	0.00205	25.00	100.00	0.00226
30.00	100.00	0.00243	40.00	100.00	0.00266
50.00	100.00	0.00271	60.00	100.00	0.00261
70.00	100.00	0.00244	80.00	100.00	0.00224
90.00	100.00	0.00203	100.00	100.00	0.00182
-100.00	110.00	0.00022	-90.00	110.00	0.00026
-80.00	110.00	0.00030	-70.00	110.00	0.00036
-60.00	110.00	0.00042	-50.00	110.00	0.00051
-40.00	110.00	0.00061	-30.00	110.00	0.00076
-25.00	110.00	0.00084	-20.00	110.00	0.00094
-17.00	110.00	0.00100	-15.00	110.00	0.00104
-13.00	110.00	0.00109	-11.00	110.00	0.00114

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-9.00	110.00	0.00120	9.00	110.00	0.00202
11.00	110.00	0.00217	13.00	110.00	0.00231
15.00	110.00	0.00246	17.00	110.00	0.00261
20.00	110.00	0.00281	25.00	110.00	0.00310
30.00	110.00	0.00330	40.00	110.00	0.00344
50.00	110.00	0.00331	60.00	110.00	0.00305
70.00	110.00	0.00274	80.00	110.00	0.00244
90.00	110.00	0.00216	100.00	110.00	0.00191
-100.00	120.00	0.00024	-90.00	120.00	0.00028
-80.00	120.00	0.00032	-70.00	120.00	0.00038
-60.00	120.00	0.00045	-50.00	120.00	0.00054
-40.00	120.00	0.00066	-30.00	120.00	0.00081
-25.00	120.00	0.00091	-20.00	120.00	0.00102

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

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

10:05:15

**MODELOPTs:
 PAGE 37

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00111	-15.00	120.00	0.00117
-13.00	120.00	0.00124	-11.00	120.00	0.00131
-9.00	120.00	0.00139	9.00	120.00	0.00285
11.00	120.00	0.00311	13.00	120.00	0.00337
15.00	120.00	0.00361	17.00	120.00	0.00382
20.00	120.00	0.00409	25.00	120.00	0.00435
30.00	120.00	0.00443	40.00	120.00	0.00424
50.00	120.00	0.00384	60.00	120.00	0.00340
70.00	120.00	0.00297	80.00	120.00	0.00259
90.00	120.00	0.00224	100.00	120.00	0.00195
-100.00	130.00	0.00027	-90.00	130.00	0.00031
-80.00	130.00	0.00036	-70.00	130.00	0.00042
-60.00	130.00	0.00050	-50.00	130.00	0.00060
-40.00	130.00	0.00073	-30.00	130.00	0.00088
-25.00	130.00	0.00099	-20.00	130.00	0.00111
-17.00	130.00	0.00120	-15.00	130.00	0.00127
-13.00	130.00	0.00136	-11.00	130.00	0.00146
-9.00	130.00	0.00158	9.00	130.00	0.00483
11.00	130.00	0.00515	13.00	130.00	0.00538
15.00	130.00	0.00553	17.00	130.00	0.00563
20.00	130.00	0.00569	25.00	130.00	0.00562

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

30.00	130.00	0.00543	40.00	130.00	0.00485
50.00	130.00	0.00422	60.00	130.00	0.00362
70.00	130.00	0.00310	80.00	130.00	0.00265
90.00	130.00	0.00226	100.00	130.00	0.00193
-100.00	140.00	0.00031	-90.00	140.00	0.00035
-80.00	140.00	0.00041	-70.00	140.00	0.00048
-60.00	140.00	0.00058	-50.00	140.00	0.00070
-40.00	140.00	0.00086	-30.00	140.00	0.00107
-25.00	140.00	0.00120	-20.00	140.00	0.00136
-17.00	140.00	0.00148	-15.00	140.00	0.00158
-13.00	140.00	0.00170	-11.00	140.00	0.00185
-9.00	140.00	0.00206	9.00	140.00	0.00646
11.00	140.00	0.00653	13.00	140.00	0.00657
15.00	140.00	0.00659	17.00	140.00	0.00658
20.00	140.00	0.00650	25.00	140.00	0.00625
30.00	140.00	0.00591	40.00	140.00	0.00513
50.00	140.00	0.00437	60.00	140.00	0.00369
70.00	140.00	0.00310	80.00	140.00	0.00261
90.00	140.00	0.00219	100.00	140.00	0.00185

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

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

10:05:15
 **MODELOPTs:
 PAGE 38

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00036	-90.00	150.00	0.00041
-80.00	150.00	0.00048	-70.00	150.00	0.00056
-60.00	150.00	0.00068	-50.00	150.00	0.00084
-40.00	150.00	0.00105	-30.00	150.00	0.00134
-25.00	150.00	0.00152	-20.00	150.00	0.00176
-17.00	150.00	0.00192	-15.00	150.00	0.00206
-13.00	150.00	0.00221	-11.00	150.00	0.00239
-9.00	150.00	0.00260	9.00	150.00	0.00661
11.00	150.00	0.00666	13.00	150.00	0.00670
15.00	150.00	0.00671	17.00	150.00	0.00670
20.00	150.00	0.00661	25.00	150.00	0.00634
30.00	150.00	0.00597	40.00	150.00	0.00513
50.00	150.00	0.00432	60.00	150.00	0.00360
70.00	150.00	0.00298	80.00	150.00	0.00248
90.00	150.00	0.00206	100.00	150.00	0.00172

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-100.00	160.00	0.00041	-90.00	160.00	0.00047
-80.00	160.00	0.00055	-70.00	160.00	0.00066
-60.00	160.00	0.00079	-50.00	160.00	0.00098
-40.00	160.00	0.00124	-30.00	160.00	0.00159
-25.00	160.00	0.00180	-20.00	160.00	0.00206
-17.00	160.00	0.00223	-15.00	160.00	0.00236
-13.00	160.00	0.00250	-11.00	160.00	0.00265
-9.00	160.00	0.00283	9.00	160.00	0.00661
11.00	160.00	0.00665	13.00	160.00	0.00668
15.00	160.00	0.00668	17.00	160.00	0.00664
20.00	160.00	0.00653	25.00	160.00	0.00623
30.00	160.00	0.00584	40.00	160.00	0.00496
50.00	160.00	0.00412	60.00	160.00	0.00338
70.00	160.00	0.00276	80.00	160.00	0.00226
90.00	160.00	0.00186	100.00	160.00	0.00154
-100.00	170.00	0.00045	-90.00	170.00	0.00053
-80.00	170.00	0.00063	-70.00	170.00	0.00075
-60.00	170.00	0.00091	-50.00	170.00	0.00111
-40.00	170.00	0.00139	-30.00	170.00	0.00176
-25.00	170.00	0.00198	-20.00	170.00	0.00222
-17.00	170.00	0.00238	-15.00	170.00	0.00249
-13.00	170.00	0.00260	-11.00	170.00	0.00272
-9.00	170.00	0.00287	9.00	170.00	0.00650
11.00	170.00	0.00653	13.00	170.00	0.00655
15.00	170.00	0.00653	17.00	170.00	0.00648

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

10:05:15
 **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	0.00635	25.00	170.00	0.00601
30.00	170.00	0.00558	40.00	170.00	0.00466
50.00	170.00	0.00379	60.00	170.00	0.00306
70.00	170.00	0.00246	80.00	170.00	0.00199
90.00	170.00	0.00162	100.00	170.00	0.00134
-100.00	180.00	0.00050	-90.00	180.00	0.00059
-80.00	180.00	0.00069	-70.00	180.00	0.00083
-60.00	180.00	0.00100	-50.00	180.00	0.00122
-40.00	180.00	0.00149	-30.00	180.00	0.00185

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-25.00	180.00	0.00206	-20.00	180.00	0.00228
-17.00	180.00	0.00241	-15.00	180.00	0.00250
-13.00	180.00	0.00259	-11.00	180.00	0.00270
-9.00	180.00	0.00283	9.00	180.00	0.00630
11.00	180.00	0.00631	13.00	180.00	0.00631
15.00	180.00	0.00627	17.00	180.00	0.00620
20.00	180.00	0.00603	25.00	180.00	0.00565
30.00	180.00	0.00518	40.00	180.00	0.00420
50.00	180.00	0.00333	60.00	180.00	0.00262
70.00	180.00	0.00208	80.00	180.00	0.00167
90.00	180.00	0.00136	100.00	180.00	0.00113
-100.00	190.00	0.00054	-90.00	190.00	0.00063
-80.00	190.00	0.00075	-70.00	190.00	0.00089
-60.00	190.00	0.00107	-50.00	190.00	0.00129
-40.00	190.00	0.00156	-30.00	190.00	0.00188
-25.00	190.00	0.00206	-20.00	190.00	0.00225
-17.00	190.00	0.00236	-15.00	190.00	0.00244
-13.00	190.00	0.00252	-11.00	190.00	0.00261
-9.00	190.00	0.00272	9.00	190.00	0.00599
11.00	190.00	0.00597	13.00	190.00	0.00593
15.00	190.00	0.00585	17.00	190.00	0.00575
20.00	190.00	0.00554	25.00	190.00	0.00508
30.00	190.00	0.00457	40.00	190.00	0.00356
50.00	190.00	0.00273	60.00	190.00	0.00211
70.00	190.00	0.00167	80.00	190.00	0.00135
90.00	190.00	0.00111	100.00	190.00	0.00092
-100.00	200.00	0.00057	-90.00	200.00	0.00067
-80.00	200.00	0.00079	-70.00	200.00	0.00093
-60.00	200.00	0.00111	-50.00	200.00	0.00133
-40.00	200.00	0.00159	-30.00	200.00	0.00188
-25.00	200.00	0.00202	-20.00	200.00	0.00217

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

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

10:05:15
 **MODELOPTs:
 PAGE 40

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00226	-15.00	200.00	0.00232
-13.00	200.00	0.00239	-11.00	200.00	0.00246
-9.00	200.00	0.00256	9.00	200.00	0.00550

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00541	13.00	200.00	0.00531
15.00	200.00	0.00518	17.00	200.00	0.00502
20.00	200.00	0.00474	25.00	200.00	0.00420
30.00	200.00	0.00365	40.00	200.00	0.00271
50.00	200.00	0.00205	60.00	200.00	0.00159
70.00	200.00	0.00127	80.00	200.00	0.00104
90.00	200.00	0.00087	100.00	200.00	0.00073
-100.00	210.00	0.00060	-90.00	210.00	0.00069
-80.00	210.00	0.00081	-70.00	210.00	0.00095
-60.00	210.00	0.00113	-50.00	210.00	0.00134
-40.00	210.00	0.00159	-30.00	210.00	0.00184
-25.00	210.00	0.00197	-20.00	210.00	0.00208
-17.00	210.00	0.00214	-15.00	210.00	0.00218
-13.00	210.00	0.00223	-11.00	210.00	0.00228
-9.00	210.00	0.00235	9.00	210.00	0.00463
11.00	210.00	0.00442	13.00	210.00	0.00420
15.00	210.00	0.00398	17.00	210.00	0.00375
20.00	210.00	0.00340	25.00	210.00	0.00288
30.00	210.00	0.00244	40.00	210.00	0.00182
50.00	210.00	0.00141	60.00	210.00	0.00112
70.00	210.00	0.00092	80.00	210.00	0.00077
90.00	210.00	0.00066	100.00	210.00	0.00057
-100.00	220.00	0.00060	-90.00	220.00	0.00069
-80.00	220.00	0.00081	-70.00	220.00	0.00094
-60.00	220.00	0.00111	-50.00	220.00	0.00131
-40.00	220.00	0.00153	-30.00	220.00	0.00176
-25.00	220.00	0.00187	-20.00	220.00	0.00197
-17.00	220.00	0.00202	-15.00	220.00	0.00205
-13.00	220.00	0.00207	-11.00	220.00	0.00210
-9.00	220.00	0.00213	9.00	220.00	0.00259
11.00	220.00	0.00231	13.00	220.00	0.00212
15.00	220.00	0.00198	17.00	220.00	0.00186
20.00	220.00	0.00171	25.00	220.00	0.00151
30.00	220.00	0.00134	40.00	220.00	0.00108
50.00	220.00	0.00089	60.00	220.00	0.00075
70.00	220.00	0.00064	80.00	220.00	0.00055
90.00	220.00	0.00048	100.00	220.00	0.00043

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

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

10:05:15

**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 ,

03NCRA_PL93-300_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	0.00059	-90.00	230.00	0.00067	
-80.00	230.00	0.00078	-70.00	230.00	0.00090	
-60.00	230.00	0.00105	-50.00	230.00	0.00121	
-40.00	230.00	0.00139	-30.00	230.00	0.00156	
-25.00	230.00	0.00163	-20.00	230.00	0.00168	
-17.00	230.00	0.00169	-15.00	230.00	0.00169	
-13.00	230.00	0.00167	-11.00	230.00	0.00164	
-9.00	230.00	0.00158	9.00	230.00	0.00085	
11.00	230.00	0.00084	13.00	230.00	0.00083	
15.00	230.00	0.00082	17.00	230.00	0.00081	
20.00	230.00	0.00079	25.00	230.00	0.00075	
30.00	230.00	0.00071	40.00	230.00	0.00063	
50.00	230.00	0.00056	60.00	230.00	0.00050	
70.00	230.00	0.00044	80.00	230.00	0.00040	
90.00	230.00	0.00036	100.00	230.00	0.00032	
-100.00	240.00	0.00056	-90.00	240.00	0.00064	
-80.00	240.00	0.00073	-70.00	240.00	0.00083	
-60.00	240.00	0.00094	-50.00	240.00	0.00106	
-40.00	240.00	0.00117	-30.00	240.00	0.00125	
-25.00	240.00	0.00126	-20.00	240.00	0.00123	
-17.00	240.00	0.00119	-15.00	240.00	0.00115	
-13.00	240.00	0.00109	-11.00	240.00	0.00103	
-9.00	240.00	0.00095	9.00	240.00	0.00058	
11.00	240.00	0.00057	13.00	240.00	0.00056	
15.00	240.00	0.00055	17.00	240.00	0.00054	
20.00	240.00	0.00052	25.00	240.00	0.00049	
30.00	240.00	0.00047	40.00	240.00	0.00043	
50.00	240.00	0.00039	60.00	240.00	0.00036	
70.00	240.00	0.00032	80.00	240.00	0.00030	
90.00	240.00	0.00027	100.00	240.00	0.00025	
-100.00	250.00	0.00053	-90.00	250.00	0.00059	
-80.00	250.00	0.00066	-70.00	250.00	0.00074	
-60.00	250.00	0.00082	-50.00	250.00	0.00089	
-40.00	250.00	0.00094	-30.00	250.00	0.00094	
-25.00	250.00	0.00091	-20.00	250.00	0.00085	
-17.00	250.00	0.00080	-15.00	250.00	0.00076	
-13.00	250.00	0.00071	-11.00	250.00	0.00067	
-9.00	250.00	0.00062	9.00	250.00	0.00042	
11.00	250.00	0.00042	13.00	250.00	0.00041	
15.00	250.00	0.00041	17.00	250.00	0.00040	

04/20/08

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

10:05:15

**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	0.00039	25.00	250.00	0.00038
30.00	250.00	0.00036	40.00	250.00	0.00032
50.00	250.00	0.00029	60.00	250.00	0.00027
70.00	250.00	0.00025	80.00	250.00	0.00023
90.00	250.00	0.00021	100.00	250.00	0.00020

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

*** NCRA Cumulative DPM Impacts

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

10:05:15

**MODELOPTs:

PAGE 43

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00006	-90.00	-250.00	0.00007
-80.00	-250.00	0.00007	-70.00	-250.00	0.00007
-60.00	-250.00	0.00008	-50.00	-250.00	0.00008
-40.00	-250.00	0.00008	-30.00	-250.00	0.00009
-25.00	-250.00	0.00009	-20.00	-250.00	0.00009
-17.00	-250.00	0.00009	-15.00	-250.00	0.00010
-13.00	-250.00	0.00010	-11.00	-250.00	0.00010
-9.00	-250.00	0.00010	9.00	-250.00	0.00010
11.00	-250.00	0.00010	13.00	-250.00	0.00010
15.00	-250.00	0.00010	17.00	-250.00	0.00010
20.00	-250.00	0.00011	25.00	-250.00	0.00011
30.00	-250.00	0.00011	40.00	-250.00	0.00011
50.00	-250.00	0.00012	60.00	-250.00	0.00012
70.00	-250.00	0.00013	80.00	-250.00	0.00013
90.00	-250.00	0.00014	100.00	-250.00	0.00014
-100.00	-240.00	0.00007	-90.00	-240.00	0.00007
-80.00	-240.00	0.00007	-70.00	-240.00	0.00008
-60.00	-240.00	0.00008	-50.00	-240.00	0.00008
-40.00	-240.00	0.00009	-30.00	-240.00	0.00009
-25.00	-240.00	0.00010	-20.00	-240.00	0.00010

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

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

10:05:15
 **MODELOPTS:
 PAGE 44
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00012	25.00	-230.00	0.00012
30.00	-230.00	0.00012	40.00	-230.00	0.00013
50.00	-230.00	0.00013	60.00	-230.00	0.00014
70.00	-230.00	0.00014	80.00	-230.00	0.00015
90.00	-230.00	0.00016	100.00	-230.00	0.00016
-100.00	-220.00	0.00007	-90.00	-220.00	0.00008
-80.00	-220.00	0.00008	-70.00	-220.00	0.00008
-60.00	-220.00	0.00009	-50.00	-220.00	0.00009
-40.00	-220.00	0.00010	-30.00	-220.00	0.00010
-25.00	-220.00	0.00011	-20.00	-220.00	0.00011
-17.00	-220.00	0.00011	-15.00	-220.00	0.00011
-13.00	-220.00	0.00011	-11.00	-220.00	0.00011
-9.00	-220.00	0.00012	9.00	-220.00	0.00012
11.00	-220.00	0.00012	13.00	-220.00	0.00012

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:05:15

**MODELOPTS:
 PAGE 45

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00013	-15.00	-200.00	0.00013
-13.00	-200.00	0.00013	-11.00	-200.00	0.00013
-9.00	-200.00	0.00013	9.00	-200.00	0.00014
11.00	-200.00	0.00014	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	0.00015
30.00	-200.00	0.00015	40.00	-200.00	0.00015
50.00	-200.00	0.00016	60.00	-200.00	0.00017

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

70.00	-200.00	0.00018	80.00	-200.00	0.00019
90.00	-200.00	0.00019	100.00	-200.00	0.00020
-100.00	-190.00	0.00008	-90.00	-190.00	0.00009
-80.00	-190.00	0.00009	-70.00	-190.00	0.00010
-60.00	-190.00	0.00010	-50.00	-190.00	0.00011
-40.00	-190.00	0.00012	-30.00	-190.00	0.00012
-25.00	-190.00	0.00013	-20.00	-190.00	0.00013
-17.00	-190.00	0.00013	-15.00	-190.00	0.00013
-13.00	-190.00	0.00014	-11.00	-190.00	0.00014
-9.00	-190.00	0.00014	9.00	-190.00	0.00015
11.00	-190.00	0.00015	13.00	-190.00	0.00015
15.00	-190.00	0.00015	17.00	-190.00	0.00015
20.00	-190.00	0.00015	25.00	-190.00	0.00016
30.00	-190.00	0.00016	40.00	-190.00	0.00017
50.00	-190.00	0.00017	60.00	-190.00	0.00018
70.00	-190.00	0.00019	80.00	-190.00	0.00020
90.00	-190.00	0.00021	100.00	-190.00	0.00022
-100.00	-180.00	0.00009	-90.00	-180.00	0.00009
-80.00	-180.00	0.00010	-70.00	-180.00	0.00010
-60.00	-180.00	0.00011	-50.00	-180.00	0.00011
-40.00	-180.00	0.00012	-30.00	-180.00	0.00013
-25.00	-180.00	0.00014	-20.00	-180.00	0.00014
-17.00	-180.00	0.00014	-15.00	-180.00	0.00014
-13.00	-180.00	0.00014	-11.00	-180.00	0.00015
-9.00	-180.00	0.00015	9.00	-180.00	0.00016
11.00	-180.00	0.00016	13.00	-180.00	0.00016
15.00	-180.00	0.00016	17.00	-180.00	0.00016
20.00	-180.00	0.00016	25.00	-180.00	0.00017
30.00	-180.00	0.00017	40.00	-180.00	0.00018
50.00	-180.00	0.00019	60.00	-180.00	0.00020
70.00	-180.00	0.00021	80.00	-180.00	0.00022
90.00	-180.00	0.00023	100.00	-180.00	0.00024

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

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

10:05:15

**MODELOPTS:

PAGE 46

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00009	-90.00	-170.00	0.00010
-80.00	-170.00	0.00010	-70.00	-170.00	0.00011

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-60.00	-170.00	0.00011	-50.00	-170.00	0.00012
-40.00	-170.00	0.00013	-30.00	-170.00	0.00014
-25.00	-170.00	0.00014	-20.00	-170.00	0.00015
-17.00	-170.00	0.00015	-15.00	-170.00	0.00015
-13.00	-170.00	0.00015	-11.00	-170.00	0.00016
-9.00	-170.00	0.00016	9.00	-170.00	0.00017
11.00	-170.00	0.00017	13.00	-170.00	0.00017
15.00	-170.00	0.00017	17.00	-170.00	0.00017
20.00	-170.00	0.00018	25.00	-170.00	0.00018
30.00	-170.00	0.00018	40.00	-170.00	0.00019
50.00	-170.00	0.00020	60.00	-170.00	0.00021
70.00	-170.00	0.00023	80.00	-170.00	0.00024
90.00	-170.00	0.00025	100.00	-170.00	0.00026
-100.00	-160.00	0.00010	-90.00	-160.00	0.00010
-80.00	-160.00	0.00011	-70.00	-160.00	0.00011
-60.00	-160.00	0.00012	-50.00	-160.00	0.00013
-40.00	-160.00	0.00014	-30.00	-160.00	0.00015
-25.00	-160.00	0.00015	-20.00	-160.00	0.00016
-17.00	-160.00	0.00016	-15.00	-160.00	0.00016
-13.00	-160.00	0.00017	-11.00	-160.00	0.00017
-9.00	-160.00	0.00017	9.00	-160.00	0.00018
11.00	-160.00	0.00018	13.00	-160.00	0.00018
15.00	-160.00	0.00019	17.00	-160.00	0.00019
20.00	-160.00	0.00019	25.00	-160.00	0.00019
30.00	-160.00	0.00020	40.00	-160.00	0.00021
50.00	-160.00	0.00022	60.00	-160.00	0.00023
70.00	-160.00	0.00025	80.00	-160.00	0.00026
90.00	-160.00	0.00027	100.00	-160.00	0.00028
-100.00	-150.00	0.00010	-90.00	-150.00	0.00011
-80.00	-150.00	0.00011	-70.00	-150.00	0.00012
-60.00	-150.00	0.00013	-50.00	-150.00	0.00014
-40.00	-150.00	0.00015	-30.00	-150.00	0.00016
-25.00	-150.00	0.00016	-20.00	-150.00	0.00017
-17.00	-150.00	0.00017	-15.00	-150.00	0.00018
-13.00	-150.00	0.00018	-11.00	-150.00	0.00018
-9.00	-150.00	0.00018	9.00	-150.00	0.00020
11.00	-150.00	0.00020	13.00	-150.00	0.00020
15.00	-150.00	0.00020	17.00	-150.00	0.00020

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

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

10:05:15
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

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

03NCRA PL93-300_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	0.00021	25.00	-150.00	0.00021	
30.00	-150.00	0.00022	40.00	-150.00	0.00023	
50.00	-150.00	0.00024	60.00	-150.00	0.00026	
70.00	-150.00	0.00027	80.00	-150.00	0.00028	
90.00	-150.00	0.00030	100.00	-150.00	0.00031	
-100.00	-140.00	0.00011	-90.00	-140.00	0.00011	
-80.00	-140.00	0.00012	-70.00	-140.00	0.00013	
-60.00	-140.00	0.00014	-50.00	-140.00	0.00014	
-40.00	-140.00	0.00016	-30.00	-140.00	0.00017	
-25.00	-140.00	0.00018	-20.00	-140.00	0.00018	
-17.00	-140.00	0.00019	-15.00	-140.00	0.00019	
-13.00	-140.00	0.00019	-11.00	-140.00	0.00019	
-9.00	-140.00	0.00020	9.00	-140.00	0.00021	
11.00	-140.00	0.00021	13.00	-140.00	0.00022	
15.00	-140.00	0.00022	17.00	-140.00	0.00022	
20.00	-140.00	0.00022	25.00	-140.00	0.00023	
30.00	-140.00	0.00024	40.00	-140.00	0.00025	
50.00	-140.00	0.00027	60.00	-140.00	0.00028	
70.00	-140.00	0.00030	80.00	-140.00	0.00031	
90.00	-140.00	0.00033	100.00	-140.00	0.00034	
-100.00	-130.00	0.00011	-90.00	-130.00	0.00012	
-80.00	-130.00	0.00013	-70.00	-130.00	0.00014	
-60.00	-130.00	0.00014	-50.00	-130.00	0.00015	
-40.00	-130.00	0.00017	-30.00	-130.00	0.00018	
-25.00	-130.00	0.00019	-20.00	-130.00	0.00020	
-17.00	-130.00	0.00020	-15.00	-130.00	0.00020	
-13.00	-130.00	0.00021	-11.00	-130.00	0.00021	
-9.00	-130.00	0.00021	9.00	-130.00	0.00023	
11.00	-130.00	0.00023	13.00	-130.00	0.00024	
15.00	-130.00	0.00024	17.00	-130.00	0.00024	
20.00	-130.00	0.00024	25.00	-130.00	0.00025	
30.00	-130.00	0.00026	40.00	-130.00	0.00027	
50.00	-130.00	0.00029	60.00	-130.00	0.00031	
70.00	-130.00	0.00033	80.00	-130.00	0.00035	
90.00	-130.00	0.00036	100.00	-130.00	0.00037	
-100.00	-120.00	0.00012	-90.00	-120.00	0.00013	
-80.00	-120.00	0.00014	-70.00	-120.00	0.00014	
-60.00	-120.00	0.00015	-50.00	-120.00	0.00016	
-40.00	-120.00	0.00018	-30.00	-120.00	0.00019	
-25.00	-120.00	0.00020	-20.00	-120.00	0.00021	

1 *** ICSCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

10:05:15

**MODELOPTs:

PAGE 48

*** 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	0.00022	-15.00	-120.00	0.00022
-13.00	-120.00	0.00022	-11.00	-120.00	0.00023
-9.00	-120.00	0.00023	9.00	-120.00	0.00025
11.00	-120.00	0.00026	13.00	-120.00	0.00026
15.00	-120.00	0.00026	17.00	-120.00	0.00026
20.00	-120.00	0.00027	25.00	-120.00	0.00028
30.00	-120.00	0.00028	40.00	-120.00	0.00030
50.00	-120.00	0.00032	60.00	-120.00	0.00034
70.00	-120.00	0.00036	80.00	-120.00	0.00038
90.00	-120.00	0.00040	100.00	-120.00	0.00041
-100.00	-110.00	0.00013	-90.00	-110.00	0.00014
-80.00	-110.00	0.00014	-70.00	-110.00	0.00015
-60.00	-110.00	0.00016	-50.00	-110.00	0.00018
-40.00	-110.00	0.00019	-30.00	-110.00	0.00021
-25.00	-110.00	0.00022	-20.00	-110.00	0.00023
-17.00	-110.00	0.00024	-15.00	-110.00	0.00024
-13.00	-110.00	0.00024	-11.00	-110.00	0.00025
-9.00	-110.00	0.00025	9.00	-110.00	0.00028
11.00	-110.00	0.00028	13.00	-110.00	0.00028
15.00	-110.00	0.00029	17.00	-110.00	0.00029
20.00	-110.00	0.00029	25.00	-110.00	0.00030
30.00	-110.00	0.00031	40.00	-110.00	0.00034
50.00	-110.00	0.00036	60.00	-110.00	0.00038
70.00	-110.00	0.00041	80.00	-110.00	0.00043
90.00	-110.00	0.00044	100.00	-110.00	0.00046
-100.00	-100.00	0.00014	-90.00	-100.00	0.00014
-80.00	-100.00	0.00015	-70.00	-100.00	0.00016
-60.00	-100.00	0.00018	-50.00	-100.00	0.00019
-40.00	-100.00	0.00021	-30.00	-100.00	0.00023
-25.00	-100.00	0.00024	-20.00	-100.00	0.00025
-17.00	-100.00	0.00026	-15.00	-100.00	0.00026
-13.00	-100.00	0.00027	-11.00	-100.00	0.00027
-9.00	-100.00	0.00028	9.00	-100.00	0.00031
11.00	-100.00	0.00031	13.00	-100.00	0.00031

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

15.00	-100.00	0.00032	17.00	-100.00	0.00032
20.00	-100.00	0.00033	25.00	-100.00	0.00034
30.00	-100.00	0.00035	40.00	-100.00	0.00038
50.00	-100.00	0.00040	60.00	-100.00	0.00043
70.00	-100.00	0.00046	80.00	-100.00	0.00048
90.00	-100.00	0.00050	100.00	-100.00	0.00051

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

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

10:05:15

**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	0.00015	-90.00	-90.00	0.00016
-80.00	-90.00	0.00017	-70.00	-90.00	0.00018
-60.00	-90.00	0.00019	-50.00	-90.00	0.00021
-40.00	-90.00	0.00022	-30.00	-90.00	0.00025
-25.00	-90.00	0.00026	-20.00	-90.00	0.00027
-17.00	-90.00	0.00028	-15.00	-90.00	0.00029
-13.00	-90.00	0.00029	-11.00	-90.00	0.00030
-9.00	-90.00	0.00030	9.00	-90.00	0.00034
11.00	-90.00	0.00034	13.00	-90.00	0.00035
15.00	-90.00	0.00035	17.00	-90.00	0.00036
20.00	-90.00	0.00036	25.00	-90.00	0.00038
30.00	-90.00	0.00039	40.00	-90.00	0.00042
50.00	-90.00	0.00046	60.00	-90.00	0.00049
70.00	-90.00	0.00052	80.00	-90.00	0.00054
90.00	-90.00	0.00056	100.00	-90.00	0.00057
-100.00	-80.00	0.00015	-90.00	-80.00	0.00017
-80.00	-80.00	0.00018	-70.00	-80.00	0.00019
-60.00	-80.00	0.00021	-50.00	-80.00	0.00022
-40.00	-80.00	0.00024	-30.00	-80.00	0.00027
-25.00	-80.00	0.00028	-20.00	-80.00	0.00030
-17.00	-80.00	0.00031	-15.00	-80.00	0.00032
-13.00	-80.00	0.00032	-11.00	-80.00	0.00033
-9.00	-80.00	0.00033	9.00	-80.00	0.00038
11.00	-80.00	0.00038	13.00	-80.00	0.00039
15.00	-80.00	0.00039	17.00	-80.00	0.00040
20.00	-80.00	0.00041	25.00	-80.00	0.00042
30.00	-80.00	0.00044	40.00	-80.00	0.00048
50.00	-80.00	0.00052	60.00	-80.00	0.00056

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

70.00	-80.00	0.00059	80.00	-80.00	0.00061
90.00	-80.00	0.00063	100.00	-80.00	0.00064
-100.00	-70.00	0.00016	-90.00	-70.00	0.00018
-80.00	-70.00	0.00019	-70.00	-70.00	0.00021
-60.00	-70.00	0.00022	-50.00	-70.00	0.00024
-40.00	-70.00	0.00026	-30.00	-70.00	0.00029
-25.00	-70.00	0.00031	-20.00	-70.00	0.00033
-17.00	-70.00	0.00034	-15.00	-70.00	0.00035
-13.00	-70.00	0.00036	-11.00	-70.00	0.00036
-9.00	-70.00	0.00037	9.00	-70.00	0.00042
11.00	-70.00	0.00043	13.00	-70.00	0.00044
15.00	-70.00	0.00044	17.00	-70.00	0.00045

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

10:05:15

**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	0.00046	25.00	-70.00	0.00048
30.00	-70.00	0.00050	40.00	-70.00	0.00055
50.00	-70.00	0.00060	60.00	-70.00	0.00064
70.00	-70.00	0.00067	80.00	-70.00	0.00070
90.00	-70.00	0.00071	100.00	-70.00	0.00072
-100.00	-60.00	0.00017	-90.00	-60.00	0.00019
-80.00	-60.00	0.00021	-70.00	-60.00	0.00022
-60.00	-60.00	0.00024	-50.00	-60.00	0.00026
-40.00	-60.00	0.00029	-30.00	-60.00	0.00032
-25.00	-60.00	0.00034	-20.00	-60.00	0.00036
-17.00	-60.00	0.00038	-15.00	-60.00	0.00039
-13.00	-60.00	0.00040	-11.00	-60.00	0.00041
-9.00	-60.00	0.00041	9.00	-60.00	0.00048
11.00	-60.00	0.00049	13.00	-60.00	0.00049
15.00	-60.00	0.00050	17.00	-60.00	0.00051
20.00	-60.00	0.00053	25.00	-60.00	0.00055
30.00	-60.00	0.00058	40.00	-60.00	0.00064
50.00	-60.00	0.00069	60.00	-60.00	0.00074
70.00	-60.00	0.00078	80.00	-60.00	0.00080
90.00	-60.00	0.00081	100.00	-60.00	0.00082
-100.00	-50.00	0.00017	-90.00	-50.00	0.00020
-80.00	-50.00	0.00022	-70.00	-50.00	0.00024

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-60.00	-50.00	0.00026	-50.00	-50.00	0.00029
-40.00	-50.00	0.00032	-30.00	-50.00	0.00036
-25.00	-50.00	0.00038	-20.00	-50.00	0.00040
-17.00	-50.00	0.00042	-15.00	-50.00	0.00043
-13.00	-50.00	0.00044	-11.00	-50.00	0.00045
-9.00	-50.00	0.00047	9.00	-50.00	0.00055
11.00	-50.00	0.00056	13.00	-50.00	0.00057
15.00	-50.00	0.00058	17.00	-50.00	0.00059
20.00	-50.00	0.00061	25.00	-50.00	0.00064
30.00	-50.00	0.00067	40.00	-50.00	0.00075
50.00	-50.00	0.00081	60.00	-50.00	0.00087
70.00	-50.00	0.00090	80.00	-50.00	0.00092
90.00	-50.00	0.00093	100.00	-50.00	0.00094
-100.00	-40.00	0.00018	-90.00	-40.00	0.00020
-80.00	-40.00	0.00023	-70.00	-40.00	0.00026
-60.00	-40.00	0.00029	-50.00	-40.00	0.00032
-40.00	-40.00	0.00035	-30.00	-40.00	0.00039
-25.00	-40.00	0.00042	-20.00	-40.00	0.00045

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

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

10:05:15
 **MODELOPTs:
 PAGE 51

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00047	-15.00	-40.00	0.00048
-13.00	-40.00	0.00050	-11.00	-40.00	0.00051
-9.00	-40.00	0.00053	9.00	-40.00	0.00063
11.00	-40.00	0.00064	13.00	-40.00	0.00065
15.00	-40.00	0.00067	17.00	-40.00	0.00068
20.00	-40.00	0.00071	25.00	-40.00	0.00075
30.00	-40.00	0.00080	40.00	-40.00	0.00089
50.00	-40.00	0.00096	60.00	-40.00	0.00102
70.00	-40.00	0.00105	80.00	-40.00	0.00107
90.00	-40.00	0.00108	100.00	-40.00	0.00107
-100.00	-30.00	0.00018	-90.00	-30.00	0.00021
-80.00	-30.00	0.00024	-70.00	-30.00	0.00028
-60.00	-30.00	0.00032	-50.00	-30.00	0.00035
-40.00	-30.00	0.00039	-30.00	-30.00	0.00044
-25.00	-30.00	0.00047	-20.00	-30.00	0.00050
-17.00	-30.00	0.00053	-15.00	-30.00	0.00054

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-13.00	-30.00	0.00056	-11.00	-30.00	0.00058
-9.00	-30.00	0.00060	9.00	-30.00	0.00073
11.00	-30.00	0.00075	13.00	-30.00	0.00077
15.00	-30.00	0.00079	17.00	-30.00	0.00081
20.00	-30.00	0.00084	25.00	-30.00	0.00090
30.00	-30.00	0.00095	40.00	-30.00	0.00107
50.00	-30.00	0.00115	60.00	-30.00	0.00121
70.00	-30.00	0.00125	80.00	-30.00	0.00126
90.00	-30.00	0.00125	100.00	-30.00	0.00122
-100.00	-20.00	0.00019	-90.00	-20.00	0.00022
-80.00	-20.00	0.00025	-70.00	-20.00	0.00029
-60.00	-20.00	0.00034	-50.00	-20.00	0.00039
-40.00	-20.00	0.00043	-30.00	-20.00	0.00049
-25.00	-20.00	0.00053	-20.00	-20.00	0.00057
-17.00	-20.00	0.00060	-15.00	-20.00	0.00062
-13.00	-20.00	0.00064	-11.00	-20.00	0.00066
-9.00	-20.00	0.00068	9.00	-20.00	0.00086
11.00	-20.00	0.00088	13.00	-20.00	0.00091
15.00	-20.00	0.00094	17.00	-20.00	0.00096
20.00	-20.00	0.00101	25.00	-20.00	0.00109
30.00	-20.00	0.00117	40.00	-20.00	0.00130
50.00	-20.00	0.00140	60.00	-20.00	0.00146
70.00	-20.00	0.00149	80.00	-20.00	0.00148
90.00	-20.00	0.00144	100.00	-20.00	0.00138

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

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

10:05:15

**MODELOPTs:

PAGE 52

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00019	-90.00	-10.00	0.00022
-80.00	-10.00	0.00026	-70.00	-10.00	0.00030
-60.00	-10.00	0.00036	-50.00	-10.00	0.00042
-40.00	-10.00	0.00049	-30.00	-10.00	0.00055
-25.00	-10.00	0.00059	-20.00	-10.00	0.00064
-17.00	-10.00	0.00068	-15.00	-10.00	0.00070
-13.00	-10.00	0.00073	-11.00	-10.00	0.00076
-9.00	-10.00	0.00079	9.00	-10.00	0.00103
11.00	-10.00	0.00106	13.00	-10.00	0.00110
15.00	-10.00	0.00114	17.00	-10.00	0.00118

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00124	25.00	-10.00	0.00135
30.00	-10.00	0.00145	40.00	-10.00	0.00162
50.00	-10.00	0.00173	60.00	-10.00	0.00178
70.00	-10.00	0.00178	80.00	-10.00	0.00173
90.00	-10.00	0.00165	100.00	-10.00	0.00155
-100.00	0.00	0.00020	-90.00	0.00	0.00023
-80.00	0.00	0.00027	-70.00	0.00	0.00032
-60.00	0.00	0.00038	-50.00	0.00	0.00045
-40.00	0.00	0.00054	-30.00	0.00	0.00062
-25.00	0.00	0.00067	-20.00	0.00	0.00073
-17.00	0.00	0.00077	-15.00	0.00	0.00080
-13.00	0.00	0.00083	-11.00	0.00	0.00087
-9.00	0.00	0.00091	9.00	0.00	0.00125
11.00	0.00	0.00130	13.00	0.00	0.00136
15.00	0.00	0.00142	17.00	0.00	0.00148
20.00	0.00	0.00157	25.00	0.00	0.00172
30.00	0.00	0.00185	40.00	0.00	0.00205
50.00	0.00	0.00216	60.00	0.00	0.00217
70.00	0.00	0.00211	80.00	0.00	0.00199
90.00	0.00	0.00185	100.00	0.00	0.00170
-100.00	10.00	0.00021	-90.00	10.00	0.00024
-80.00	10.00	0.00029	-70.00	10.00	0.00034
-60.00	10.00	0.00040	-50.00	10.00	0.00047
-40.00	10.00	0.00058	-30.00	10.00	0.00070
-25.00	10.00	0.00076	-20.00	10.00	0.00083
-17.00	10.00	0.00087	-15.00	10.00	0.00091
-13.00	10.00	0.00095	-11.00	10.00	0.00100
-9.00	10.00	0.00105	9.00	10.00	0.00156
11.00	10.00	0.00164	13.00	10.00	0.00173
15.00	10.00	0.00182	17.00	10.00	0.00192

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

10:05:15
 **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	0.00205	25.00	10.00	0.00226
30.00	10.00	0.00243	40.00	10.00	0.00266
50.00	10.00	0.00271	60.00	10.00	0.00261
70.00	10.00	0.00244	80.00	10.00	0.00224

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

90.00	10.00	0.00203	100.00	10.00	0.00182
-100.00	20.00	0.00022	-90.00	20.00	0.00026
-80.00	20.00	0.00030	-70.00	20.00	0.00036
-60.00	20.00	0.00042	-50.00	20.00	0.00051
-40.00	20.00	0.00061	-30.00	20.00	0.00076
-25.00	20.00	0.00084	-20.00	20.00	0.00094
-17.00	20.00	0.00100	-15.00	20.00	0.00104
-13.00	20.00	0.00109	-11.00	20.00	0.00114
-9.00	20.00	0.00120	9.00	20.00	0.00202
11.00	20.00	0.00217	13.00	20.00	0.00231
15.00	20.00	0.00246	17.00	20.00	0.00261
20.00	20.00	0.00281	25.00	20.00	0.00310
30.00	20.00	0.00330	40.00	20.00	0.00344
50.00	20.00	0.00331	60.00	20.00	0.00305
70.00	20.00	0.00274	80.00	20.00	0.00244
90.00	20.00	0.00216	100.00	20.00	0.00191
-100.00	30.00	0.00024	-90.00	30.00	0.00028
-80.00	30.00	0.00032	-70.00	30.00	0.00038
-60.00	30.00	0.00045	-50.00	30.00	0.00054
-40.00	30.00	0.00066	-30.00	30.00	0.00081
-25.00	30.00	0.00091	-20.00	30.00	0.00102
-17.00	30.00	0.00111	-15.00	30.00	0.00117
-13.00	30.00	0.00124	-11.00	30.00	0.00131
-9.00	30.00	0.00139	9.00	30.00	0.00285
11.00	30.00	0.00311	13.00	30.00	0.00337
15.00	30.00	0.00361	17.00	30.00	0.00382
20.00	30.00	0.00409	25.00	30.00	0.00435
30.00	30.00	0.00443	40.00	30.00	0.00424
50.00	30.00	0.00384	60.00	30.00	0.00340
70.00	30.00	0.00297	80.00	30.00	0.00259
90.00	30.00	0.00224	100.00	30.00	0.00195
-100.00	40.00	0.00027	-90.00	40.00	0.00031
-80.00	40.00	0.00036	-70.00	40.00	0.00042
-60.00	40.00	0.00050	-50.00	40.00	0.00060
-40.00	40.00	0.00073	-30.00	40.00	0.00088
-25.00	40.00	0.00099	-20.00	40.00	0.00111

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

*** NCRA Cumulative DPM Impacts

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

10:05:15

**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 ***

03NCRA PL93-300 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	0.00120	-15.00	40.00	0.00127
-13.00	40.00	0.00136	-11.00	40.00	0.00146
-9.00	40.00	0.00158	9.00	40.00	0.00483
11.00	40.00	0.00515	13.00	40.00	0.00538
15.00	40.00	0.00553	17.00	40.00	0.00563
20.00	40.00	0.00569	25.00	40.00	0.00562
30.00	40.00	0.00543	40.00	40.00	0.00485
50.00	40.00	0.00422	60.00	40.00	0.00362
70.00	40.00	0.00310	80.00	40.00	0.00265
90.00	40.00	0.00226	100.00	40.00	0.00193
-100.00	50.00	0.00031	-90.00	50.00	0.00035
-80.00	50.00	0.00041	-70.00	50.00	0.00048
-60.00	50.00	0.00058	-50.00	50.00	0.00070
-40.00	50.00	0.00086	-30.00	50.00	0.00107
-25.00	50.00	0.00120	-20.00	50.00	0.00136
-17.00	50.00	0.00148	-15.00	50.00	0.00158
-13.00	50.00	0.00170	-11.00	50.00	0.00185
-9.00	50.00	0.00206	9.00	50.00	0.00646
11.00	50.00	0.00653	13.00	50.00	0.00657
15.00	50.00	0.00659	17.00	50.00	0.00658
20.00	50.00	0.00650	25.00	50.00	0.00625
30.00	50.00	0.00591	40.00	50.00	0.00513
50.00	50.00	0.00437	60.00	50.00	0.00369
70.00	50.00	0.00310	80.00	50.00	0.00261
90.00	50.00	0.00219	100.00	50.00	0.00185
-100.00	60.00	0.00036	-90.00	60.00	0.00041
-80.00	60.00	0.00048	-70.00	60.00	0.00056
-60.00	60.00	0.00068	-50.00	60.00	0.00084
-40.00	60.00	0.00105	-30.00	60.00	0.00134
-25.00	60.00	0.00152	-20.00	60.00	0.00176
-17.00	60.00	0.00192	-15.00	60.00	0.00206
-13.00	60.00	0.00221	-11.00	60.00	0.00239
-9.00	60.00	0.00260	9.00	60.00	0.00661
11.00	60.00	0.00666	13.00	60.00	0.00670
15.00	60.00	0.00671	17.00	60.00	0.00670
20.00	60.00	0.00661	25.00	60.00	0.00634
30.00	60.00	0.00597	40.00	60.00	0.00513
50.00	60.00	0.00432	60.00	60.00	0.00360
70.00	60.00	0.00298	80.00	60.00	0.00248
90.00	60.00	0.00206	100.00	60.00	0.00172

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

*** NCRA Cumulative DPM Impacts

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

10:05:15

**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	0.00041	-90.00	70.00	0.00047
-80.00	70.00	0.00055	-70.00	70.00	0.00066
-60.00	70.00	0.00079	-50.00	70.00	0.00098
-40.00	70.00	0.00124	-30.00	70.00	0.00159
-25.00	70.00	0.00180	-20.00	70.00	0.00206
-17.00	70.00	0.00223	-15.00	70.00	0.00236
-13.00	70.00	0.00250	-11.00	70.00	0.00265
-9.00	70.00	0.00283	9.00	70.00	0.00661
11.00	70.00	0.00665	13.00	70.00	0.00668
15.00	70.00	0.00668	17.00	70.00	0.00664
20.00	70.00	0.00653	25.00	70.00	0.00623
30.00	70.00	0.00584	40.00	70.00	0.00496
50.00	70.00	0.00412	60.00	70.00	0.00338
70.00	70.00	0.00276	80.00	70.00	0.00226
90.00	70.00	0.00186	100.00	70.00	0.00154
-100.00	80.00	0.00045	-90.00	80.00	0.00053
-80.00	80.00	0.00063	-70.00	80.00	0.00075
-60.00	80.00	0.00091	-50.00	80.00	0.00111
-40.00	80.00	0.00139	-30.00	80.00	0.00176
-25.00	80.00	0.00198	-20.00	80.00	0.00222
-17.00	80.00	0.00238	-15.00	80.00	0.00249
-13.00	80.00	0.00260	-11.00	80.00	0.00272
-9.00	80.00	0.00287	9.00	80.00	0.00650
11.00	80.00	0.00653	13.00	80.00	0.00655
15.00	80.00	0.00653	17.00	80.00	0.00648
20.00	80.00	0.00635	25.00	80.00	0.00601
30.00	80.00	0.00558	40.00	80.00	0.00466
50.00	80.00	0.00379	60.00	80.00	0.00306
70.00	80.00	0.00246	80.00	80.00	0.00199
90.00	80.00	0.00162	100.00	80.00	0.00134
-100.00	90.00	0.00050	-90.00	90.00	0.00059
-80.00	90.00	0.00069	-70.00	90.00	0.00083
-60.00	90.00	0.00100	-50.00	90.00	0.00122
-40.00	90.00	0.00149	-30.00	90.00	0.00185
-25.00	90.00	0.00206	-20.00	90.00	0.00228
-17.00	90.00	0.00241	-15.00	90.00	0.00250

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-13.00	90.00	0.00259	-11.00	90.00	0.00270
-9.00	90.00	0.00283	9.00	90.00	0.00630
11.00	90.00	0.00631	13.00	90.00	0.00631
15.00	90.00	0.00627	17.00	90.00	0.00620

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

10:05:15
 **MODELOPTs:
 PAGE 56
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00603	25.00	90.00	0.00565
30.00	90.00	0.00518	40.00	90.00	0.00420
50.00	90.00	0.00333	60.00	90.00	0.00262
70.00	90.00	0.00208	80.00	90.00	0.00167
90.00	90.00	0.00136	100.00	90.00	0.00113
-100.00	100.00	0.00054	-90.00	100.00	0.00063
-80.00	100.00	0.00075	-70.00	100.00	0.00089
-60.00	100.00	0.00107	-50.00	100.00	0.00129
-40.00	100.00	0.00156	-30.00	100.00	0.00188
-25.00	100.00	0.00206	-20.00	100.00	0.00225
-17.00	100.00	0.00236	-15.00	100.00	0.00244
-13.00	100.00	0.00252	-11.00	100.00	0.00261
-9.00	100.00	0.00272	9.00	100.00	0.00599
11.00	100.00	0.00597	13.00	100.00	0.00593
15.00	100.00	0.00585	17.00	100.00	0.00575
20.00	100.00	0.00554	25.00	100.00	0.00508
30.00	100.00	0.00457	40.00	100.00	0.00356
50.00	100.00	0.00273	60.00	100.00	0.00211
70.00	100.00	0.00167	80.00	100.00	0.00135
90.00	100.00	0.00111	100.00	100.00	0.00092
-100.00	110.00	0.00057	-90.00	110.00	0.00067
-80.00	110.00	0.00079	-70.00	110.00	0.00093
-60.00	110.00	0.00111	-50.00	110.00	0.00133
-40.00	110.00	0.00159	-30.00	110.00	0.00188
-25.00	110.00	0.00202	-20.00	110.00	0.00217
-17.00	110.00	0.00226	-15.00	110.00	0.00232
-13.00	110.00	0.00239	-11.00	110.00	0.00246
-9.00	110.00	0.00256	9.00	110.00	0.00550
11.00	110.00	0.00541	13.00	110.00	0.00531
15.00	110.00	0.00518	17.00	110.00	0.00502

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

20.00	110.00	0.00474	25.00	110.00	0.00420
30.00	110.00	0.00365	40.00	110.00	0.00271
50.00	110.00	0.00205	60.00	110.00	0.00159
70.00	110.00	0.00127	80.00	110.00	0.00104
90.00	110.00	0.00087	100.00	110.00	0.00073
-100.00	120.00	0.00060	-90.00	120.00	0.00069
-80.00	120.00	0.00081	-70.00	120.00	0.00095
-60.00	120.00	0.00113	-50.00	120.00	0.00134
-40.00	120.00	0.00159	-30.00	120.00	0.00184
-25.00	120.00	0.00197	-20.00	120.00	0.00208

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

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

10:05:15

**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	0.00214	-15.00	120.00	0.00218
-13.00	120.00	0.00223	-11.00	120.00	0.00228
-9.00	120.00	0.00235	9.00	120.00	0.00463
11.00	120.00	0.00442	13.00	120.00	0.00420
15.00	120.00	0.00398	17.00	120.00	0.00375
20.00	120.00	0.00340	25.00	120.00	0.00288
30.00	120.00	0.00244	40.00	120.00	0.00182
50.00	120.00	0.00141	60.00	120.00	0.00112
70.00	120.00	0.00092	80.00	120.00	0.00077
90.00	120.00	0.00066	100.00	120.00	0.00057
-100.00	130.00	0.00060	-90.00	130.00	0.00069
-80.00	130.00	0.00081	-70.00	130.00	0.00094
-60.00	130.00	0.00111	-50.00	130.00	0.00131
-40.00	130.00	0.00153	-30.00	130.00	0.00176
-25.00	130.00	0.00187	-20.00	130.00	0.00197
-17.00	130.00	0.00202	-15.00	130.00	0.00205
-13.00	130.00	0.00207	-11.00	130.00	0.00210
-9.00	130.00	0.00213	9.00	130.00	0.00259
11.00	130.00	0.00231	13.00	130.00	0.00212
15.00	130.00	0.00198	17.00	130.00	0.00186
20.00	130.00	0.00171	25.00	130.00	0.00151
30.00	130.00	0.00134	40.00	130.00	0.00108
50.00	130.00	0.00089	60.00	130.00	0.00075
70.00	130.00	0.00064	80.00	130.00	0.00055

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00048	100.00	130.00	0.00043
-100.00	140.00	0.00059	-90.00	140.00	0.00067
-80.00	140.00	0.00078	-70.00	140.00	0.00090
-60.00	140.00	0.00105	-50.00	140.00	0.00121
-40.00	140.00	0.00139	-30.00	140.00	0.00156
-25.00	140.00	0.00163	-20.00	140.00	0.00168
-17.00	140.00	0.00169	-15.00	140.00	0.00169
-13.00	140.00	0.00167	-11.00	140.00	0.00164
-9.00	140.00	0.00158	9.00	140.00	0.00085
11.00	140.00	0.00084	13.00	140.00	0.00083
15.00	140.00	0.00082	17.00	140.00	0.00081
20.00	140.00	0.00079	25.00	140.00	0.00075
30.00	140.00	0.00071	40.00	140.00	0.00063
50.00	140.00	0.00056	60.00	140.00	0.00050
70.00	140.00	0.00044	80.00	140.00	0.00040
90.00	140.00	0.00036	100.00	140.00	0.00032

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

10:05:15

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00056	-90.00	150.00	0.00064
-80.00	150.00	0.00073	-70.00	150.00	0.00083
-60.00	150.00	0.00094	-50.00	150.00	0.00106
-40.00	150.00	0.00117	-30.00	150.00	0.00125
-25.00	150.00	0.00126	-20.00	150.00	0.00123
-17.00	150.00	0.00119	-15.00	150.00	0.00115
-13.00	150.00	0.00109	-11.00	150.00	0.00103
-9.00	150.00	0.00095	9.00	150.00	0.00058
11.00	150.00	0.00057	13.00	150.00	0.00056
15.00	150.00	0.00055	17.00	150.00	0.00054
20.00	150.00	0.00052	25.00	150.00	0.00049
30.00	150.00	0.00047	40.00	150.00	0.00043
50.00	150.00	0.00039	60.00	150.00	0.00036
70.00	150.00	0.00032	80.00	150.00	0.00030
90.00	150.00	0.00027	100.00	150.00	0.00025
-100.00	160.00	0.00053	-90.00	160.00	0.00059
-80.00	160.00	0.00066	-70.00	160.00	0.00074
-60.00	160.00	0.00082	-50.00	160.00	0.00089

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-40.00	160.00	0.00094	-30.00	160.00	0.00094
-25.00	160.00	0.00091	-20.00	160.00	0.00085
-17.00	160.00	0.00080	-15.00	160.00	0.00076
-13.00	160.00	0.00071	-11.00	160.00	0.00067
-9.00	160.00	0.00062	9.00	160.00	0.00042
11.00	160.00	0.00042	13.00	160.00	0.00041
15.00	160.00	0.00041	17.00	160.00	0.00040
20.00	160.00	0.00039	25.00	160.00	0.00038
30.00	160.00	0.00036	40.00	160.00	0.00032
50.00	160.00	0.00029	60.00	160.00	0.00027
70.00	160.00	0.00025	80.00	160.00	0.00023
90.00	160.00	0.00021	100.00	160.00	0.00020
-100.00	170.00	0.00048	-90.00	170.00	0.00054
-80.00	170.00	0.00059	-70.00	170.00	0.00064
-60.00	170.00	0.00069	-50.00	170.00	0.00073
-40.00	170.00	0.00073	-30.00	170.00	0.00070
-25.00	170.00	0.00065	-20.00	170.00	0.00059
-17.00	170.00	0.00055	-15.00	170.00	0.00052
-13.00	170.00	0.00049	-11.00	170.00	0.00047
-9.00	170.00	0.00044	9.00	170.00	0.00033
11.00	170.00	0.00032	13.00	170.00	0.00032
15.00	170.00	0.00031	17.00	170.00	0.00031

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_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	0.00030	25.00	170.00	0.00030
30.00	170.00	0.00029	40.00	170.00	0.00026
50.00	170.00	0.00023	60.00	170.00	0.00021
70.00	170.00	0.00020	80.00	170.00	0.00019
90.00	170.00	0.00017	100.00	170.00	0.00016
-100.00	180.00	0.00044	-90.00	180.00	0.00048
-80.00	180.00	0.00052	-70.00	180.00	0.00055
-60.00	180.00	0.00058	-50.00	180.00	0.00059
-40.00	180.00	0.00057	-30.00	180.00	0.00052
-25.00	180.00	0.00047	-20.00	180.00	0.00043
-17.00	180.00	0.00040	-15.00	180.00	0.00038
-13.00	180.00	0.00037	-11.00	180.00	0.00035

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-9.00	180.00	0.00034	9.00	180.00	0.00026
11.00	180.00	0.00026	13.00	180.00	0.00025
15.00	180.00	0.00025	17.00	180.00	0.00025
20.00	180.00	0.00024	25.00	180.00	0.00024
30.00	180.00	0.00023	40.00	180.00	0.00022
50.00	180.00	0.00020	60.00	180.00	0.00018
70.00	180.00	0.00016	80.00	180.00	0.00015
90.00	180.00	0.00014	100.00	180.00	0.00013
-100.00	190.00	0.00040	-90.00	190.00	0.00042
-80.00	190.00	0.00045	-70.00	190.00	0.00047
-60.00	190.00	0.00048	-50.00	190.00	0.00047
-40.00	190.00	0.00044	-30.00	190.00	0.00039
-25.00	190.00	0.00035	-20.00	190.00	0.00032
-17.00	190.00	0.00031	-15.00	190.00	0.00030
-13.00	190.00	0.00029	-11.00	190.00	0.00028
-9.00	190.00	0.00027	9.00	190.00	0.00021
11.00	190.00	0.00021	13.00	190.00	0.00021
15.00	190.00	0.00021	17.00	190.00	0.00020
20.00	190.00	0.00020	25.00	190.00	0.00019
30.00	190.00	0.00019	40.00	190.00	0.00018
50.00	190.00	0.00017	60.00	190.00	0.00015
70.00	190.00	0.00014	80.00	190.00	0.00013
90.00	190.00	0.00012	100.00	190.00	0.00011
-100.00	200.00	0.00035	-90.00	200.00	0.00037
-80.00	200.00	0.00039	-70.00	200.00	0.00040
-60.00	200.00	0.00040	-50.00	200.00	0.00038
-40.00	200.00	0.00035	-30.00	200.00	0.00030
-25.00	200.00	0.00028	-20.00	200.00	0.00026

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_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	0.00024	-15.00	200.00	0.00024
-13.00	200.00	0.00023	-11.00	200.00	0.00022
-9.00	200.00	0.00022	9.00	200.00	0.00018
11.00	200.00	0.00017	13.00	200.00	0.00017
15.00	200.00	0.00017	17.00	200.00	0.00017
20.00	200.00	0.00017	25.00	200.00	0.00016

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00016	40.00	200.00	0.00015
50.00	200.00	0.00014	60.00	200.00	0.00013
70.00	200.00	0.00012	80.00	200.00	0.00012
90.00	200.00	0.00011	100.00	200.00	0.00010
-100.00	210.00	0.00031	-90.00	210.00	0.00032
-80.00	210.00	0.00033	-70.00	210.00	0.00034
-60.00	210.00	0.00033	-50.00	210.00	0.00031
-40.00	210.00	0.00027	-30.00	210.00	0.00024
-25.00	210.00	0.00022	-20.00	210.00	0.00021
-17.00	210.00	0.00020	-15.00	210.00	0.00019
-13.00	210.00	0.00019	-11.00	210.00	0.00018
-9.00	210.00	0.00018	9.00	210.00	0.00015
11.00	210.00	0.00015	13.00	210.00	0.00015
15.00	210.00	0.00014	17.00	210.00	0.00014
20.00	210.00	0.00014	25.00	210.00	0.00014
30.00	210.00	0.00014	40.00	210.00	0.00013
50.00	210.00	0.00012	60.00	210.00	0.00012
70.00	210.00	0.00011	80.00	210.00	0.00010
90.00	210.00	0.00010	100.00	210.00	0.00009
-100.00	220.00	0.00028	-90.00	220.00	0.00028
-80.00	220.00	0.00029	-70.00	220.00	0.00028
-60.00	220.00	0.00027	-50.00	220.00	0.00025
-40.00	220.00	0.00022	-30.00	220.00	0.00019
-25.00	220.00	0.00018	-20.00	220.00	0.00017
-17.00	220.00	0.00017	-15.00	220.00	0.00016
-13.00	220.00	0.00016	-11.00	220.00	0.00015
-9.00	220.00	0.00015	9.00	220.00	0.00013
11.00	220.00	0.00013	13.00	220.00	0.00012
15.00	220.00	0.00012	17.00	220.00	0.00012
20.00	220.00	0.00012	25.00	220.00	0.00012
30.00	220.00	0.00012	40.00	220.00	0.00011
50.00	220.00	0.00011	60.00	220.00	0.00010
70.00	220.00	0.00010	80.00	220.00	0.00009
90.00	220.00	0.00009	100.00	220.00	0.00008

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

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-100.00	230.00	0.00024	-90.00	230.00	0.00025
-80.00	230.00	0.00025	-70.00	230.00	0.00024
-60.00	230.00	0.00023	-50.00	230.00	0.00020
-40.00	230.00	0.00018	-30.00	230.00	0.00016
-25.00	230.00	0.00015	-20.00	230.00	0.00015
-17.00	230.00	0.00014	-15.00	230.00	0.00014
-13.00	230.00	0.00013	-11.00	230.00	0.00013
-9.00	230.00	0.00013	9.00	230.00	0.00011
11.00	230.00	0.00011	13.00	230.00	0.00011
15.00	230.00	0.00011	17.00	230.00	0.00011
20.00	230.00	0.00011	25.00	230.00	0.00010
30.00	230.00	0.00010	40.00	230.00	0.00010
50.00	230.00	0.00009	60.00	230.00	0.00009
70.00	230.00	0.00009	80.00	230.00	0.00008
90.00	230.00	0.00008	100.00	230.00	0.00007
-100.00	240.00	0.00022	-90.00	240.00	0.00022
-80.00	240.00	0.00021	-70.00	240.00	0.00020
-60.00	240.00	0.00019	-50.00	240.00	0.00017
-40.00	240.00	0.00015	-30.00	240.00	0.00014
-25.00	240.00	0.00013	-20.00	240.00	0.00013
-17.00	240.00	0.00012	-15.00	240.00	0.00012
-13.00	240.00	0.00012	-11.00	240.00	0.00011
-9.00	240.00	0.00011	9.00	240.00	0.00010
11.00	240.00	0.00009	13.00	240.00	0.00009
15.00	240.00	0.00009	17.00	240.00	0.00009
20.00	240.00	0.00009	25.00	240.00	0.00009
30.00	240.00	0.00009	40.00	240.00	0.00009
50.00	240.00	0.00008	60.00	240.00	0.00008
70.00	240.00	0.00008	80.00	240.00	0.00007
90.00	240.00	0.00007	100.00	240.00	0.00007
-100.00	250.00	0.00019	-90.00	250.00	0.00019
-80.00	250.00	0.00018	-70.00	250.00	0.00017
-60.00	250.00	0.00016	-50.00	250.00	0.00014
-40.00	250.00	0.00013	-30.00	250.00	0.00012
-25.00	250.00	0.00011	-20.00	250.00	0.00011
-17.00	250.00	0.00011	-15.00	250.00	0.00010
-13.00	250.00	0.00010	-11.00	250.00	0.00010
-9.00	250.00	0.00010	9.00	250.00	0.00008
11.00	250.00	0.00008	13.00	250.00	0.00008
15.00	250.00	0.00008	17.00	250.00	0.00008

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
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	0.00007	60.00	250.00	0.00007
70.00	250.00	0.00007	80.00	250.00	0.00007
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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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00010	-90.00	-250.00	0.00010
-80.00	-250.00	0.00011	-70.00	-250.00	0.00011
-60.00	-250.00	0.00012	-50.00	-250.00	0.00013
-40.00	-250.00	0.00014	-30.00	-250.00	0.00015
-25.00	-250.00	0.00015	-20.00	-250.00	0.00016
-17.00	-250.00	0.00016	-15.00	-250.00	0.00016
-13.00	-250.00	0.00017	-11.00	-250.00	0.00017
-9.00	-250.00	0.00017	9.00	-250.00	0.00018
11.00	-250.00	0.00018	13.00	-250.00	0.00018
15.00	-250.00	0.00019	17.00	-250.00	0.00019
20.00	-250.00	0.00019	25.00	-250.00	0.00019
30.00	-250.00	0.00020	40.00	-250.00	0.00021
50.00	-250.00	0.00022	60.00	-250.00	0.00023
70.00	-250.00	0.00025	80.00	-250.00	0.00026
90.00	-250.00	0.00027	100.00	-250.00	0.00028
-100.00	-240.00	0.00010	-90.00	-240.00	0.00011
-80.00	-240.00	0.00011	-70.00	-240.00	0.00012
-60.00	-240.00	0.00013	-50.00	-240.00	0.00014
-40.00	-240.00	0.00015	-30.00	-240.00	0.00016
-25.00	-240.00	0.00016	-20.00	-240.00	0.00017
-17.00	-240.00	0.00017	-15.00	-240.00	0.00018
-13.00	-240.00	0.00018	-11.00	-240.00	0.00018
-9.00	-240.00	0.00018	9.00	-240.00	0.00020

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

11.00	-240.00	0.00020	13.00	-240.00	0.00020
15.00	-240.00	0.00020	17.00	-240.00	0.00020
20.00	-240.00	0.00021	25.00	-240.00	0.00021
30.00	-240.00	0.00022	40.00	-240.00	0.00023
50.00	-240.00	0.00024	60.00	-240.00	0.00026
70.00	-240.00	0.00027	80.00	-240.00	0.00028
90.00	-240.00	0.00030	100.00	-240.00	0.00031
-100.00	-230.00	0.00011	-90.00	-230.00	0.00011
-80.00	-230.00	0.00012	-70.00	-230.00	0.00013
-60.00	-230.00	0.00014	-50.00	-230.00	0.00014
-40.00	-230.00	0.00016	-30.00	-230.00	0.00017
-25.00	-230.00	0.00018	-20.00	-230.00	0.00018
-17.00	-230.00	0.00019	-15.00	-230.00	0.00019
-13.00	-230.00	0.00019	-11.00	-230.00	0.00019
-9.00	-230.00	0.00020	9.00	-230.00	0.00021
11.00	-230.00	0.00021	13.00	-230.00	0.00022
15.00	-230.00	0.00022	17.00	-230.00	0.00022

1 *** ICSST3 - 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	-230.00	0.00022	25.00	-230.00	0.00023
30.00	-230.00	0.00024	40.00	-230.00	0.00025
50.00	-230.00	0.00027	60.00	-230.00	0.00028
70.00	-230.00	0.00030	80.00	-230.00	0.00031
90.00	-230.00	0.00033	100.00	-230.00	0.00034
-100.00	-220.00	0.00011	-90.00	-220.00	0.00012
-80.00	-220.00	0.00013	-70.00	-220.00	0.00014
-60.00	-220.00	0.00014	-50.00	-220.00	0.00015
-40.00	-220.00	0.00017	-30.00	-220.00	0.00018
-25.00	-220.00	0.00019	-20.00	-220.00	0.00020
-17.00	-220.00	0.00020	-15.00	-220.00	0.00020
-13.00	-220.00	0.00021	-11.00	-220.00	0.00021
-9.00	-220.00	0.00021	9.00	-220.00	0.00023
11.00	-220.00	0.00023	13.00	-220.00	0.00024
15.00	-220.00	0.00024	17.00	-220.00	0.00024
20.00	-220.00	0.00024	25.00	-220.00	0.00025
30.00	-220.00	0.00026	40.00	-220.00	0.00027

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

50.00	-220.00	0.00029	60.00	-220.00	0.00031
70.00	-220.00	0.00033	80.00	-220.00	0.00035
90.00	-220.00	0.00036	100.00	-220.00	0.00037
-100.00	-210.00	0.00012	-90.00	-210.00	0.00013
-80.00	-210.00	0.00014	-70.00	-210.00	0.00014
-60.00	-210.00	0.00015	-50.00	-210.00	0.00016
-40.00	-210.00	0.00018	-30.00	-210.00	0.00019
-25.00	-210.00	0.00020	-20.00	-210.00	0.00021
-17.00	-210.00	0.00022	-15.00	-210.00	0.00022
-13.00	-210.00	0.00022	-11.00	-210.00	0.00023
-9.00	-210.00	0.00023	9.00	-210.00	0.00025
11.00	-210.00	0.00026	13.00	-210.00	0.00026
15.00	-210.00	0.00026	17.00	-210.00	0.00026
20.00	-210.00	0.00027	25.00	-210.00	0.00028
30.00	-210.00	0.00028	40.00	-210.00	0.00030
50.00	-210.00	0.00032	60.00	-210.00	0.00034
70.00	-210.00	0.00036	80.00	-210.00	0.00038
90.00	-210.00	0.00040	100.00	-210.00	0.00041
-100.00	-200.00	0.00013	-90.00	-200.00	0.00014
-80.00	-200.00	0.00014	-70.00	-200.00	0.00015
-60.00	-200.00	0.00016	-50.00	-200.00	0.00018
-40.00	-200.00	0.00019	-30.00	-200.00	0.00021
-25.00	-200.00	0.00022	-20.00	-200.00	0.00023

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

10:05:15
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00024	-15.00	-200.00	0.00024
-13.00	-200.00	0.00024	-11.00	-200.00	0.00025
-9.00	-200.00	0.00025	9.00	-200.00	0.00028
11.00	-200.00	0.00028	13.00	-200.00	0.00028
15.00	-200.00	0.00029	17.00	-200.00	0.00029
20.00	-200.00	0.00029	25.00	-200.00	0.00030
30.00	-200.00	0.00031	40.00	-200.00	0.00034
50.00	-200.00	0.00036	60.00	-200.00	0.00038
70.00	-200.00	0.00041	80.00	-200.00	0.00043
90.00	-200.00	0.00044	100.00	-200.00	0.00046
-100.00	-190.00	0.00014	-90.00	-190.00	0.00014

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00015	-70.00	-190.00	0.00016
-60.00	-190.00	0.00018	-50.00	-190.00	0.00019
-40.00	-190.00	0.00021	-30.00	-190.00	0.00023
-25.00	-190.00	0.00024	-20.00	-190.00	0.00025
-17.00	-190.00	0.00026	-15.00	-190.00	0.00026
-13.00	-190.00	0.00027	-11.00	-190.00	0.00027
-9.00	-190.00	0.00028	9.00	-190.00	0.00031
11.00	-190.00	0.00031	13.00	-190.00	0.00031
15.00	-190.00	0.00032	17.00	-190.00	0.00032
20.00	-190.00	0.00033	25.00	-190.00	0.00034
30.00	-190.00	0.00035	40.00	-190.00	0.00038
50.00	-190.00	0.00040	60.00	-190.00	0.00043
70.00	-190.00	0.00046	80.00	-190.00	0.00048
90.00	-190.00	0.00050	100.00	-190.00	0.00051
-100.00	-180.00	0.00015	-90.00	-180.00	0.00016
-80.00	-180.00	0.00017	-70.00	-180.00	0.00018
-60.00	-180.00	0.00019	-50.00	-180.00	0.00021
-40.00	-180.00	0.00022	-30.00	-180.00	0.00025
-25.00	-180.00	0.00026	-20.00	-180.00	0.00027
-17.00	-180.00	0.00028	-15.00	-180.00	0.00029
-13.00	-180.00	0.00029	-11.00	-180.00	0.00030
-9.00	-180.00	0.00030	9.00	-180.00	0.00034
11.00	-180.00	0.00034	13.00	-180.00	0.00035
15.00	-180.00	0.00035	17.00	-180.00	0.00036
20.00	-180.00	0.00036	25.00	-180.00	0.00038
30.00	-180.00	0.00039	40.00	-180.00	0.00042
50.00	-180.00	0.00046	60.00	-180.00	0.00049
70.00	-180.00	0.00052	80.00	-180.00	0.00054
90.00	-180.00	0.00056	100.00	-180.00	0.00057

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

10:05:15
 **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	0.00015	-90.00	-170.00	0.00017
-80.00	-170.00	0.00018	-70.00	-170.00	0.00019
-60.00	-170.00	0.00021	-50.00	-170.00	0.00022
-40.00	-170.00	0.00024	-30.00	-170.00	0.00027
-25.00	-170.00	0.00028	-20.00	-170.00	0.00030

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00031	-15.00	-170.00	0.00032
-13.00	-170.00	0.00032	-11.00	-170.00	0.00033
-9.00	-170.00	0.00033	9.00	-170.00	0.00038
11.00	-170.00	0.00038	13.00	-170.00	0.00039
15.00	-170.00	0.00039	17.00	-170.00	0.00040
20.00	-170.00	0.00041	25.00	-170.00	0.00042
30.00	-170.00	0.00044	40.00	-170.00	0.00048
50.00	-170.00	0.00052	60.00	-170.00	0.00056
70.00	-170.00	0.00059	80.00	-170.00	0.00061
90.00	-170.00	0.00063	100.00	-170.00	0.00064
-100.00	-160.00	0.00016	-90.00	-160.00	0.00018
-80.00	-160.00	0.00019	-70.00	-160.00	0.00021
-60.00	-160.00	0.00022	-50.00	-160.00	0.00024
-40.00	-160.00	0.00026	-30.00	-160.00	0.00029
-25.00	-160.00	0.00031	-20.00	-160.00	0.00033
-17.00	-160.00	0.00034	-15.00	-160.00	0.00035
-13.00	-160.00	0.00036	-11.00	-160.00	0.00036
-9.00	-160.00	0.00037	9.00	-160.00	0.00042
11.00	-160.00	0.00043	13.00	-160.00	0.00044
15.00	-160.00	0.00044	17.00	-160.00	0.00045
20.00	-160.00	0.00046	25.00	-160.00	0.00048
30.00	-160.00	0.00050	40.00	-160.00	0.00055
50.00	-160.00	0.00060	60.00	-160.00	0.00064
70.00	-160.00	0.00067	80.00	-160.00	0.00070
90.00	-160.00	0.00071	100.00	-160.00	0.00072
-100.00	-150.00	0.00017	-90.00	-150.00	0.00019
-80.00	-150.00	0.00021	-70.00	-150.00	0.00022
-60.00	-150.00	0.00024	-50.00	-150.00	0.00026
-40.00	-150.00	0.00029	-30.00	-150.00	0.00032
-25.00	-150.00	0.00034	-20.00	-150.00	0.00036
-17.00	-150.00	0.00038	-15.00	-150.00	0.00039
-13.00	-150.00	0.00040	-11.00	-150.00	0.00041
-9.00	-150.00	0.00041	9.00	-150.00	0.00048
11.00	-150.00	0.00049	13.00	-150.00	0.00049
15.00	-150.00	0.00050	17.00	-150.00	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 10:05:15
 **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 **

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00053	25.00	-150.00	0.00055
30.00	-150.00	0.00058	40.00	-150.00	0.00064
50.00	-150.00	0.00069	60.00	-150.00	0.00074
70.00	-150.00	0.00078	80.00	-150.00	0.00080
90.00	-150.00	0.00081	100.00	-150.00	0.00082
-100.00	-140.00	0.00017	-90.00	-140.00	0.00020
-80.00	-140.00	0.00022	-70.00	-140.00	0.00024
-60.00	-140.00	0.00026	-50.00	-140.00	0.00029
-40.00	-140.00	0.00032	-30.00	-140.00	0.00036
-25.00	-140.00	0.00038	-20.00	-140.00	0.00040
-17.00	-140.00	0.00042	-15.00	-140.00	0.00043
-13.00	-140.00	0.00044	-11.00	-140.00	0.00045
-9.00	-140.00	0.00047	9.00	-140.00	0.00055
11.00	-140.00	0.00056	13.00	-140.00	0.00057
15.00	-140.00	0.00058	17.00	-140.00	0.00059
20.00	-140.00	0.00061	25.00	-140.00	0.00064
30.00	-140.00	0.00067	40.00	-140.00	0.00075
50.00	-140.00	0.00081	60.00	-140.00	0.00087
70.00	-140.00	0.00090	80.00	-140.00	0.00092
90.00	-140.00	0.00093	100.00	-140.00	0.00094
-100.00	-130.00	0.00018	-90.00	-130.00	0.00020
-80.00	-130.00	0.00023	-70.00	-130.00	0.00026
-60.00	-130.00	0.00029	-50.00	-130.00	0.00032
-40.00	-130.00	0.00035	-30.00	-130.00	0.00039
-25.00	-130.00	0.00042	-20.00	-130.00	0.00045
-17.00	-130.00	0.00047	-15.00	-130.00	0.00048
-13.00	-130.00	0.00050	-11.00	-130.00	0.00051
-9.00	-130.00	0.00053	9.00	-130.00	0.00063
11.00	-130.00	0.00064	13.00	-130.00	0.00065
15.00	-130.00	0.00067	17.00	-130.00	0.00068
20.00	-130.00	0.00071	25.00	-130.00	0.00075
30.00	-130.00	0.00080	40.00	-130.00	0.00089
50.00	-130.00	0.00096	60.00	-130.00	0.00102
70.00	-130.00	0.00105	80.00	-130.00	0.00107
90.00	-130.00	0.00108	100.00	-130.00	0.00107
-100.00	-120.00	0.00018	-90.00	-120.00	0.00021
-80.00	-120.00	0.00024	-70.00	-120.00	0.00028
-60.00	-120.00	0.00032	-50.00	-120.00	0.00035
-40.00	-120.00	0.00039	-30.00	-120.00	0.00044
-25.00	-120.00	0.00047	-20.00	-120.00	0.00050

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

*** NCRA Cumulative DPM Impacts

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

10:05:15

**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	0.00053	-15.00	-120.00	0.00054
-13.00	-120.00	0.00056	-11.00	-120.00	0.00058
-9.00	-120.00	0.00060	9.00	-120.00	0.00073
11.00	-120.00	0.00075	13.00	-120.00	0.00077
15.00	-120.00	0.00079	17.00	-120.00	0.00081
20.00	-120.00	0.00084	25.00	-120.00	0.00090
30.00	-120.00	0.00095	40.00	-120.00	0.00107
50.00	-120.00	0.00115	60.00	-120.00	0.00121
70.00	-120.00	0.00125	80.00	-120.00	0.00126
90.00	-120.00	0.00125	100.00	-120.00	0.00122
-100.00	-110.00	0.00019	-90.00	-110.00	0.00022
-80.00	-110.00	0.00025	-70.00	-110.00	0.00029
-60.00	-110.00	0.00034	-50.00	-110.00	0.00039
-40.00	-110.00	0.00043	-30.00	-110.00	0.00049
-25.00	-110.00	0.00053	-20.00	-110.00	0.00057
-17.00	-110.00	0.00060	-15.00	-110.00	0.00062
-13.00	-110.00	0.00064	-11.00	-110.00	0.00066
-9.00	-110.00	0.00068	9.00	-110.00	0.00086
11.00	-110.00	0.00088	13.00	-110.00	0.00091
15.00	-110.00	0.00094	17.00	-110.00	0.00096
20.00	-110.00	0.00101	25.00	-110.00	0.00109
30.00	-110.00	0.00117	40.00	-110.00	0.00130
50.00	-110.00	0.00140	60.00	-110.00	0.00146
70.00	-110.00	0.00149	80.00	-110.00	0.00148
90.00	-110.00	0.00144	100.00	-110.00	0.00138
-100.00	-100.00	0.00019	-90.00	-100.00	0.00022
-80.00	-100.00	0.00026	-70.00	-100.00	0.00030
-60.00	-100.00	0.00036	-50.00	-100.00	0.00042
-40.00	-100.00	0.00049	-30.00	-100.00	0.00055
-25.00	-100.00	0.00059	-20.00	-100.00	0.00064
-17.00	-100.00	0.00068	-15.00	-100.00	0.00070
-13.00	-100.00	0.00073	-11.00	-100.00	0.00076
-9.00	-100.00	0.00079	9.00	-100.00	0.00103
11.00	-100.00	0.00106	13.00	-100.00	0.00110
15.00	-100.00	0.00114	17.00	-100.00	0.00118
20.00	-100.00	0.00124	25.00	-100.00	0.00135
30.00	-100.00	0.00145	40.00	-100.00	0.00162

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

50.00	-100.00	0.00173	60.00	-100.00	0.00178
70.00	-100.00	0.00178	80.00	-100.00	0.00173
90.00	-100.00	0.00165	100.00	-100.00	0.00155

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

10:05:15
 **MODELOPTs:
 PAGE 69
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00020	-90.00	-90.00	0.00023
-80.00	-90.00	0.00027	-70.00	-90.00	0.00032
-60.00	-90.00	0.00038	-50.00	-90.00	0.00045
-40.00	-90.00	0.00054	-30.00	-90.00	0.00062
-25.00	-90.00	0.00067	-20.00	-90.00	0.00073
-17.00	-90.00	0.00077	-15.00	-90.00	0.00080
-13.00	-90.00	0.00083	-11.00	-90.00	0.00087
-9.00	-90.00	0.00091	9.00	-90.00	0.00125
11.00	-90.00	0.00130	13.00	-90.00	0.00136
15.00	-90.00	0.00142	17.00	-90.00	0.00148
20.00	-90.00	0.00157	25.00	-90.00	0.00172
30.00	-90.00	0.00185	40.00	-90.00	0.00205
50.00	-90.00	0.00216	60.00	-90.00	0.00217
70.00	-90.00	0.00211	80.00	-90.00	0.00199
90.00	-90.00	0.00185	100.00	-90.00	0.00170
-100.00	-80.00	0.00021	-90.00	-80.00	0.00024
-80.00	-80.00	0.00029	-70.00	-80.00	0.00034
-60.00	-80.00	0.00040	-50.00	-80.00	0.00047
-40.00	-80.00	0.00058	-30.00	-80.00	0.00070
-25.00	-80.00	0.00076	-20.00	-80.00	0.00083
-17.00	-80.00	0.00087	-15.00	-80.00	0.00091
-13.00	-80.00	0.00095	-11.00	-80.00	0.00100
-9.00	-80.00	0.00105	9.00	-80.00	0.00156
11.00	-80.00	0.00164	13.00	-80.00	0.00173
15.00	-80.00	0.00182	17.00	-80.00	0.00192
20.00	-80.00	0.00205	25.00	-80.00	0.00226
30.00	-80.00	0.00243	40.00	-80.00	0.00266
50.00	-80.00	0.00271	60.00	-80.00	0.00261
70.00	-80.00	0.00244	80.00	-80.00	0.00224
90.00	-80.00	0.00203	100.00	-80.00	0.00182
-100.00	-70.00	0.00022	-90.00	-70.00	0.00026

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-80.00	-70.00	0.00030	-70.00	-70.00	0.00036
-60.00	-70.00	0.00042	-50.00	-70.00	0.00051
-40.00	-70.00	0.00061	-30.00	-70.00	0.00076
-25.00	-70.00	0.00084	-20.00	-70.00	0.00094
-17.00	-70.00	0.00100	-15.00	-70.00	0.00104
-13.00	-70.00	0.00109	-11.00	-70.00	0.00114
-9.00	-70.00	0.00120	9.00	-70.00	0.00202
11.00	-70.00	0.00217	13.00	-70.00	0.00231
15.00	-70.00	0.00246	17.00	-70.00	0.00261

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

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

10:05:15

**MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00281	25.00	-70.00	0.00310
30.00	-70.00	0.00330	40.00	-70.00	0.00344
50.00	-70.00	0.00331	60.00	-70.00	0.00305
70.00	-70.00	0.00274	80.00	-70.00	0.00244
90.00	-70.00	0.00216	100.00	-70.00	0.00191
-100.00	-60.00	0.00024	-90.00	-60.00	0.00028
-80.00	-60.00	0.00032	-70.00	-60.00	0.00038
-60.00	-60.00	0.00045	-50.00	-60.00	0.00054
-40.00	-60.00	0.00066	-30.00	-60.00	0.00081
-25.00	-60.00	0.00091	-20.00	-60.00	0.00102
-17.00	-60.00	0.00111	-15.00	-60.00	0.00117
-13.00	-60.00	0.00124	-11.00	-60.00	0.00131
-9.00	-60.00	0.00139	9.00	-60.00	0.00285
11.00	-60.00	0.00311	13.00	-60.00	0.00337
15.00	-60.00	0.00361	17.00	-60.00	0.00382
20.00	-60.00	0.00409	25.00	-60.00	0.00435
30.00	-60.00	0.00443	40.00	-60.00	0.00424
50.00	-60.00	0.00384	60.00	-60.00	0.00340
70.00	-60.00	0.00297	80.00	-60.00	0.00259
90.00	-60.00	0.00224	100.00	-60.00	0.00195
-100.00	-50.00	0.00027	-90.00	-50.00	0.00031
-80.00	-50.00	0.00036	-70.00	-50.00	0.00042
-60.00	-50.00	0.00050	-50.00	-50.00	0.00060
-40.00	-50.00	0.00073	-30.00	-50.00	0.00088
-25.00	-50.00	0.00099	-20.00	-50.00	0.00111

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-17.00	-50.00	0.00120	-15.00	-50.00	0.00127
-13.00	-50.00	0.00136	-11.00	-50.00	0.00146
-9.00	-50.00	0.00158	9.00	-50.00	0.00483
11.00	-50.00	0.00515	13.00	-50.00	0.00538
15.00	-50.00	0.00553	17.00	-50.00	0.00563
20.00	-50.00	0.00569	25.00	-50.00	0.00562
30.00	-50.00	0.00543	40.00	-50.00	0.00485
50.00	-50.00	0.00422	60.00	-50.00	0.00362
70.00	-50.00	0.00310	80.00	-50.00	0.00265
90.00	-50.00	0.00226	100.00	-50.00	0.00193
-100.00	-40.00	0.00031	-90.00	-40.00	0.00035
-80.00	-40.00	0.00041	-70.00	-40.00	0.00048
-60.00	-40.00	0.00058	-50.00	-40.00	0.00070
-40.00	-40.00	0.00086	-30.00	-40.00	0.00107
-25.00	-40.00	0.00120	-20.00	-40.00	0.00136

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

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

10:05:15
 **MODELOPTs:
 PAGE 71
 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00148	-15.00	-40.00	0.00158
-13.00	-40.00	0.00170	-11.00	-40.00	0.00185
-9.00	-40.00	0.00206	9.00	-40.00	0.00646
11.00	-40.00	0.00653	13.00	-40.00	0.00657
15.00	-40.00	0.00659	17.00	-40.00	0.00658
20.00	-40.00	0.00650	25.00	-40.00	0.00625
30.00	-40.00	0.00591	40.00	-40.00	0.00513
50.00	-40.00	0.00437	60.00	-40.00	0.00369
70.00	-40.00	0.00310	80.00	-40.00	0.00261
90.00	-40.00	0.00219	100.00	-40.00	0.00185
-100.00	-30.00	0.00036	-90.00	-30.00	0.00041
-80.00	-30.00	0.00048	-70.00	-30.00	0.00056
-60.00	-30.00	0.00068	-50.00	-30.00	0.00084
-40.00	-30.00	0.00105	-30.00	-30.00	0.00134
-25.00	-30.00	0.00152	-20.00	-30.00	0.00176
-17.00	-30.00	0.00192	-15.00	-30.00	0.00206
-13.00	-30.00	0.00221	-11.00	-30.00	0.00239
-9.00	-30.00	0.00260	9.00	-30.00	0.00661
11.00	-30.00	0.00666	13.00	-30.00	0.00670

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00671	17.00	-30.00	0.00670
20.00	-30.00	0.00661	25.00	-30.00	0.00634
30.00	-30.00	0.00597	40.00	-30.00	0.00513
50.00	-30.00	0.00432	60.00	-30.00	0.00360
70.00	-30.00	0.00298	80.00	-30.00	0.00248
90.00	-30.00	0.00206	100.00	-30.00	0.00172
-100.00	-20.00	0.00041	-90.00	-20.00	0.00047
-80.00	-20.00	0.00055	-70.00	-20.00	0.00066
-60.00	-20.00	0.00079	-50.00	-20.00	0.00098
-40.00	-20.00	0.00124	-30.00	-20.00	0.00159
-25.00	-20.00	0.00180	-20.00	-20.00	0.00206
-17.00	-20.00	0.00223	-15.00	-20.00	0.00236
-13.00	-20.00	0.00250	-11.00	-20.00	0.00265
-9.00	-20.00	0.00283	9.00	-20.00	0.00661
11.00	-20.00	0.00665	13.00	-20.00	0.00668
15.00	-20.00	0.00668	17.00	-20.00	0.00664
20.00	-20.00	0.00653	25.00	-20.00	0.00623
30.00	-20.00	0.00584	40.00	-20.00	0.00496
50.00	-20.00	0.00412	60.00	-20.00	0.00338
70.00	-20.00	0.00276	80.00	-20.00	0.00226
90.00	-20.00	0.00186	100.00	-20.00	0.00154

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

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

10:05:15

**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	0.00045	-90.00	-10.00	0.00053
-80.00	-10.00	0.00063	-70.00	-10.00	0.00075
-60.00	-10.00	0.00091	-50.00	-10.00	0.00111
-40.00	-10.00	0.00139	-30.00	-10.00	0.00176
-25.00	-10.00	0.00198	-20.00	-10.00	0.00222
-17.00	-10.00	0.00238	-15.00	-10.00	0.00249
-13.00	-10.00	0.00260	-11.00	-10.00	0.00272
-9.00	-10.00	0.00287	9.00	-10.00	0.00650
11.00	-10.00	0.00653	13.00	-10.00	0.00655
15.00	-10.00	0.00653	17.00	-10.00	0.00648
20.00	-10.00	0.00635	25.00	-10.00	0.00601
30.00	-10.00	0.00558	40.00	-10.00	0.00466
50.00	-10.00	0.00379	60.00	-10.00	0.00306

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00246	80.00	-10.00	0.00199
90.00	-10.00	0.00162	100.00	-10.00	0.00134
-100.00	0.00	0.00050	-90.00	0.00	0.00059
-80.00	0.00	0.00069	-70.00	0.00	0.00083
-60.00	0.00	0.00100	-50.00	0.00	0.00122
-40.00	0.00	0.00149	-30.00	0.00	0.00185
-25.00	0.00	0.00206	-20.00	0.00	0.00228
-17.00	0.00	0.00241	-15.00	0.00	0.00250
-13.00	0.00	0.00259	-11.00	0.00	0.00270
-9.00	0.00	0.00283	9.00	0.00	0.00630
11.00	0.00	0.00631	13.00	0.00	0.00631
15.00	0.00	0.00627	17.00	0.00	0.00620
20.00	0.00	0.00603	25.00	0.00	0.00565
30.00	0.00	0.00518	40.00	0.00	0.00420
50.00	0.00	0.00333	60.00	0.00	0.00262
70.00	0.00	0.00208	80.00	0.00	0.00167
90.00	0.00	0.00136	100.00	0.00	0.00113
-100.00	10.00	0.00054	-90.00	10.00	0.00063
-80.00	10.00	0.00075	-70.00	10.00	0.00089
-60.00	10.00	0.00107	-50.00	10.00	0.00129
-40.00	10.00	0.00156	-30.00	10.00	0.00188
-25.00	10.00	0.00206	-20.00	10.00	0.00225
-17.00	10.00	0.00236	-15.00	10.00	0.00244
-13.00	10.00	0.00252	-11.00	10.00	0.00261
-9.00	10.00	0.00272	9.00	10.00	0.00599
11.00	10.00	0.00597	13.00	10.00	0.00593
15.00	10.00	0.00585	17.00	10.00	0.00575

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

10:05:15
 **MODELOPTs:
 PAGE 73
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00554	25.00	10.00	0.00508
30.00	10.00	0.00457	40.00	10.00	0.00356
50.00	10.00	0.00273	60.00	10.00	0.00211
70.00	10.00	0.00167	80.00	10.00	0.00135
90.00	10.00	0.00111	100.00	10.00	0.00092
-100.00	20.00	0.00057	-90.00	20.00	0.00067
-80.00	20.00	0.00079	-70.00	20.00	0.00093

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00111	-50.00	20.00	0.00133
-40.00	20.00	0.00159	-30.00	20.00	0.00188
-25.00	20.00	0.00202	-20.00	20.00	0.00217
-17.00	20.00	0.00226	-15.00	20.00	0.00232
-13.00	20.00	0.00239	-11.00	20.00	0.00246
-9.00	20.00	0.00256	9.00	20.00	0.00550
11.00	20.00	0.00541	13.00	20.00	0.00531
15.00	20.00	0.00518	17.00	20.00	0.00502
20.00	20.00	0.00474	25.00	20.00	0.00420
30.00	20.00	0.00365	40.00	20.00	0.00271
50.00	20.00	0.00205	60.00	20.00	0.00159
70.00	20.00	0.00127	80.00	20.00	0.00104
90.00	20.00	0.00087	100.00	20.00	0.00073
-100.00	30.00	0.00060	-90.00	30.00	0.00069
-80.00	30.00	0.00081	-70.00	30.00	0.00095
-60.00	30.00	0.00113	-50.00	30.00	0.00134
-40.00	30.00	0.00159	-30.00	30.00	0.00184
-25.00	30.00	0.00197	-20.00	30.00	0.00208
-17.00	30.00	0.00214	-15.00	30.00	0.00218
-13.00	30.00	0.00223	-11.00	30.00	0.00228
-9.00	30.00	0.00235	9.00	30.00	0.00463
11.00	30.00	0.00442	13.00	30.00	0.00420
15.00	30.00	0.00398	17.00	30.00	0.00375
20.00	30.00	0.00340	25.00	30.00	0.00288
30.00	30.00	0.00244	40.00	30.00	0.00182
50.00	30.00	0.00141	60.00	30.00	0.00112
70.00	30.00	0.00092	80.00	30.00	0.00077
90.00	30.00	0.00066	100.00	30.00	0.00057
-100.00	40.00	0.00060	-90.00	40.00	0.00069
-80.00	40.00	0.00081	-70.00	40.00	0.00094
-60.00	40.00	0.00111	-50.00	40.00	0.00131
-40.00	40.00	0.00153	-30.00	40.00	0.00176
-25.00	40.00	0.00187	-20.00	40.00	0.00197

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

10:05:15
 **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	0.00202	-15.00	40.00	0.00205

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00207	-11.00	40.00	0.00210
-9.00	40.00	0.00213	9.00	40.00	0.00259
11.00	40.00	0.00231	13.00	40.00	0.00212
15.00	40.00	0.00198	17.00	40.00	0.00186
20.00	40.00	0.00171	25.00	40.00	0.00151
30.00	40.00	0.00134	40.00	40.00	0.00108
50.00	40.00	0.00089	60.00	40.00	0.00075
70.00	40.00	0.00064	80.00	40.00	0.00055
90.00	40.00	0.00048	100.00	40.00	0.00043
-100.00	50.00	0.00059	-90.00	50.00	0.00067
-80.00	50.00	0.00078	-70.00	50.00	0.00090
-60.00	50.00	0.00105	-50.00	50.00	0.00121
-40.00	50.00	0.00139	-30.00	50.00	0.00156
-25.00	50.00	0.00163	-20.00	50.00	0.00168
-17.00	50.00	0.00169	-15.00	50.00	0.00169
-13.00	50.00	0.00167	-11.00	50.00	0.00164
-9.00	50.00	0.00158	9.00	50.00	0.00085
11.00	50.00	0.00084	13.00	50.00	0.00083
15.00	50.00	0.00082	17.00	50.00	0.00081
20.00	50.00	0.00079	25.00	50.00	0.00075
30.00	50.00	0.00071	40.00	50.00	0.00063
50.00	50.00	0.00056	60.00	50.00	0.00050
70.00	50.00	0.00044	80.00	50.00	0.00040
90.00	50.00	0.00036	100.00	50.00	0.00032
-100.00	60.00	0.00056	-90.00	60.00	0.00064
-80.00	60.00	0.00073	-70.00	60.00	0.00083
-60.00	60.00	0.00094	-50.00	60.00	0.00106
-40.00	60.00	0.00117	-30.00	60.00	0.00125
-25.00	60.00	0.00126	-20.00	60.00	0.00123
-17.00	60.00	0.00119	-15.00	60.00	0.00115
-13.00	60.00	0.00109	-11.00	60.00	0.00103
-9.00	60.00	0.00095	9.00	60.00	0.00058
11.00	60.00	0.00057	13.00	60.00	0.00056
15.00	60.00	0.00055	17.00	60.00	0.00054
20.00	60.00	0.00052	25.00	60.00	0.00049
30.00	60.00	0.00047	40.00	60.00	0.00043
50.00	60.00	0.00039	60.00	60.00	0.00036
70.00	60.00	0.00032	80.00	60.00	0.00030
90.00	60.00	0.00027	100.00	60.00	0.00025

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

*** NCRA Cumulative DPM Impacts

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

10:05:15

**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	0.00053	-90.00	70.00	0.00059	
-80.00	70.00	0.00066	-70.00	70.00	0.00074	
-60.00	70.00	0.00082	-50.00	70.00	0.00089	
-40.00	70.00	0.00094	-30.00	70.00	0.00094	
-25.00	70.00	0.00091	-20.00	70.00	0.00085	
-17.00	70.00	0.00080	-15.00	70.00	0.00076	
-13.00	70.00	0.00071	-11.00	70.00	0.00067	
-9.00	70.00	0.00062	9.00	70.00	0.00042	
11.00	70.00	0.00042	13.00	70.00	0.00041	
15.00	70.00	0.00041	17.00	70.00	0.00040	
20.00	70.00	0.00039	25.00	70.00	0.00038	
30.00	70.00	0.00036	40.00	70.00	0.00032	
50.00	70.00	0.00029	60.00	70.00	0.00027	
70.00	70.00	0.00025	80.00	70.00	0.00023	
90.00	70.00	0.00021	100.00	70.00	0.00020	
-100.00	80.00	0.00048	-90.00	80.00	0.00054	
-80.00	80.00	0.00059	-70.00	80.00	0.00064	
-60.00	80.00	0.00069	-50.00	80.00	0.00073	
-40.00	80.00	0.00073	-30.00	80.00	0.00070	
-25.00	80.00	0.00065	-20.00	80.00	0.00059	
-17.00	80.00	0.00055	-15.00	80.00	0.00052	
-13.00	80.00	0.00049	-11.00	80.00	0.00047	
-9.00	80.00	0.00044	9.00	80.00	0.00033	
11.00	80.00	0.00032	13.00	80.00	0.00032	
15.00	80.00	0.00031	17.00	80.00	0.00031	
20.00	80.00	0.00030	25.00	80.00	0.00030	
30.00	80.00	0.00029	40.00	80.00	0.00026	
50.00	80.00	0.00023	60.00	80.00	0.00021	
70.00	80.00	0.00020	80.00	80.00	0.00019	
90.00	80.00	0.00017	100.00	80.00	0.00016	
-100.00	90.00	0.00044	-90.00	90.00	0.00048	
-80.00	90.00	0.00052	-70.00	90.00	0.00055	
-60.00	90.00	0.00058	-50.00	90.00	0.00059	
-40.00	90.00	0.00057	-30.00	90.00	0.00052	
-25.00	90.00	0.00047	-20.00	90.00	0.00043	
-17.00	90.00	0.00040	-15.00	90.00	0.00038	
-13.00	90.00	0.00037	-11.00	90.00	0.00035	
-9.00	90.00	0.00034	9.00	90.00	0.00026	
11.00	90.00	0.00026	13.00	90.00	0.00025	

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

15.00 90.00 0.00025 17.00 90.00 0.00025

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

10:05:15
 **MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00024	25.00	90.00	0.00024
30.00	90.00	0.00023	40.00	90.00	0.00022
50.00	90.00	0.00020	60.00	90.00	0.00018
70.00	90.00	0.00016	80.00	90.00	0.00015
90.00	90.00	0.00014	100.00	90.00	0.00013
-100.00	100.00	0.00040	-90.00	100.00	0.00042
-80.00	100.00	0.00045	-70.00	100.00	0.00047
-60.00	100.00	0.00048	-50.00	100.00	0.00047
-40.00	100.00	0.00044	-30.00	100.00	0.00039
-25.00	100.00	0.00035	-20.00	100.00	0.00032
-17.00	100.00	0.00031	-15.00	100.00	0.00030
-13.00	100.00	0.00029	-11.00	100.00	0.00028
-9.00	100.00	0.00027	9.00	100.00	0.00021
11.00	100.00	0.00021	13.00	100.00	0.00021
15.00	100.00	0.00021	17.00	100.00	0.00020
20.00	100.00	0.00020	25.00	100.00	0.00019
30.00	100.00	0.00019	40.00	100.00	0.00018
50.00	100.00	0.00017	60.00	100.00	0.00015
70.00	100.00	0.00014	80.00	100.00	0.00013
90.00	100.00	0.00012	100.00	100.00	0.00011
-100.00	110.00	0.00035	-90.00	110.00	0.00037
-80.00	110.00	0.00039	-70.00	110.00	0.00040
-60.00	110.00	0.00040	-50.00	110.00	0.00038
-40.00	110.00	0.00035	-30.00	110.00	0.00030
-25.00	110.00	0.00028	-20.00	110.00	0.00026
-17.00	110.00	0.00024	-15.00	110.00	0.00024
-13.00	110.00	0.00023	-11.00	110.00	0.00022
-9.00	110.00	0.00022	9.00	110.00	0.00018
11.00	110.00	0.00017	13.00	110.00	0.00017
15.00	110.00	0.00017	17.00	110.00	0.00017
20.00	110.00	0.00017	25.00	110.00	0.00016
30.00	110.00	0.00016	40.00	110.00	0.00015
50.00	110.00	0.00014	60.00	110.00	0.00013

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

70.00	110.00	0.00012	80.00	110.00	0.00012
90.00	110.00	0.00011	100.00	110.00	0.00010
-100.00	120.00	0.00031	-90.00	120.00	0.00032
-80.00	120.00	0.00033	-70.00	120.00	0.00034
-60.00	120.00	0.00033	-50.00	120.00	0.00031
-40.00	120.00	0.00027	-30.00	120.00	0.00024
-25.00	120.00	0.00022	-20.00	120.00	0.00021

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

10:05:15

**MODELOPTs:
 PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00020	-15.00	120.00	0.00019
-13.00	120.00	0.00019	-11.00	120.00	0.00018
-9.00	120.00	0.00018	9.00	120.00	0.00015
11.00	120.00	0.00015	13.00	120.00	0.00015
15.00	120.00	0.00014	17.00	120.00	0.00014
20.00	120.00	0.00014	25.00	120.00	0.00014
30.00	120.00	0.00014	40.00	120.00	0.00013
50.00	120.00	0.00012	60.00	120.00	0.00012
70.00	120.00	0.00011	80.00	120.00	0.00010
90.00	120.00	0.00010	100.00	120.00	0.00009
-100.00	130.00	0.00028	-90.00	130.00	0.00028
-80.00	130.00	0.00029	-70.00	130.00	0.00028
-60.00	130.00	0.00027	-50.00	130.00	0.00025
-40.00	130.00	0.00022	-30.00	130.00	0.00019
-25.00	130.00	0.00018	-20.00	130.00	0.00017
-17.00	130.00	0.00017	-15.00	130.00	0.00016
-13.00	130.00	0.00016	-11.00	130.00	0.00015
-9.00	130.00	0.00015	9.00	130.00	0.00013
11.00	130.00	0.00013	13.00	130.00	0.00012
15.00	130.00	0.00012	17.00	130.00	0.00012
20.00	130.00	0.00012	25.00	130.00	0.00012
30.00	130.00	0.00012	40.00	130.00	0.00011
50.00	130.00	0.00011	60.00	130.00	0.00010
70.00	130.00	0.00010	80.00	130.00	0.00009
90.00	130.00	0.00009	100.00	130.00	0.00008
-100.00	140.00	0.00024	-90.00	140.00	0.00025
-80.00	140.00	0.00025	-70.00	140.00	0.00024

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-60.00	140.00	0.00023	-50.00	140.00	0.00020
-40.00	140.00	0.00018	-30.00	140.00	0.00016
-25.00	140.00	0.00015	-20.00	140.00	0.00015
-17.00	140.00	0.00014	-15.00	140.00	0.00014
-13.00	140.00	0.00013	-11.00	140.00	0.00013
-9.00	140.00	0.00013	9.00	140.00	0.00011
11.00	140.00	0.00011	13.00	140.00	0.00011
15.00	140.00	0.00011	17.00	140.00	0.00011
20.00	140.00	0.00011	25.00	140.00	0.00010
30.00	140.00	0.00010	40.00	140.00	0.00010
50.00	140.00	0.00009	60.00	140.00	0.00009
70.00	140.00	0.00009	80.00	140.00	0.00008
90.00	140.00	0.00008	100.00	140.00	0.00007

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

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

10:05:15

**MODELOPTs:
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00022	-90.00	150.00	0.00022
-80.00	150.00	0.00021	-70.00	150.00	0.00020
-60.00	150.00	0.00019	-50.00	150.00	0.00017
-40.00	150.00	0.00015	-30.00	150.00	0.00014
-25.00	150.00	0.00013	-20.00	150.00	0.00013
-17.00	150.00	0.00012	-15.00	150.00	0.00012
-13.00	150.00	0.00012	-11.00	150.00	0.00011
-9.00	150.00	0.00011	9.00	150.00	0.00010
11.00	150.00	0.00009	13.00	150.00	0.00009
15.00	150.00	0.00009	17.00	150.00	0.00009
20.00	150.00	0.00009	25.00	150.00	0.00009
30.00	150.00	0.00009	40.00	150.00	0.00009
50.00	150.00	0.00008	60.00	150.00	0.00008
70.00	150.00	0.00008	80.00	150.00	0.00007
90.00	150.00	0.00007	100.00	150.00	0.00007
-100.00	160.00	0.00019	-90.00	160.00	0.00019
-80.00	160.00	0.00018	-70.00	160.00	0.00017
-60.00	160.00	0.00016	-50.00	160.00	0.00014
-40.00	160.00	0.00013	-30.00	160.00	0.00012
-25.00	160.00	0.00011	-20.00	160.00	0.00011
-17.00	160.00	0.00011	-15.00	160.00	0.00010

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-13.00	160.00	0.00010	-11.00	160.00	0.00010
-9.00	160.00	0.00010	9.00	160.00	0.00008
11.00	160.00	0.00008	13.00	160.00	0.00008
15.00	160.00	0.00008	17.00	160.00	0.00008
20.00	160.00	0.00008	25.00	160.00	0.00008
30.00	160.00	0.00008	40.00	160.00	0.00008
50.00	160.00	0.00007	60.00	160.00	0.00007
70.00	160.00	0.00007	80.00	160.00	0.00007
90.00	160.00	0.00006	100.00	160.00	0.00006
-100.00	170.00	0.00017	-90.00	170.00	0.00017
-80.00	170.00	0.00016	-70.00	170.00	0.00015
-60.00	170.00	0.00014	-50.00	170.00	0.00012
-40.00	170.00	0.00011	-30.00	170.00	0.00010
-25.00	170.00	0.00010	-20.00	170.00	0.00010
-17.00	170.00	0.00009	-15.00	170.00	0.00009
-13.00	170.00	0.00009	-11.00	170.00	0.00009
-9.00	170.00	0.00008	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

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

10:05:15

**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	0.00007	25.00	170.00	0.00007
30.00	170.00	0.00007	40.00	170.00	0.00007
50.00	170.00	0.00007	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	0.00006
-100.00	180.00	0.00015	-90.00	180.00	0.00015
-80.00	180.00	0.00014	-70.00	180.00	0.00013
-60.00	180.00	0.00012	-50.00	180.00	0.00011
-40.00	180.00	0.00010	-30.00	180.00	0.00009
-25.00	180.00	0.00009	-20.00	180.00	0.00008
-17.00	180.00	0.00008	-15.00	180.00	0.00008
-13.00	180.00	0.00008	-11.00	180.00	0.00008
-9.00	180.00	0.00008	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

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

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

10:05:15

**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
-17.00	200.00	0.00007	-15.00	200.00	0.00006
-13.00	200.00	0.00006	-11.00	200.00	0.00006
-9.00	200.00	0.00006	9.00	200.00	0.00005
11.00	200.00	0.00005	13.00	200.00	0.00005
15.00	200.00	0.00005	17.00	200.00	0.00005
20.00	200.00	0.00005	25.00	200.00	0.00005
30.00	200.00	0.00005	40.00	200.00	0.00005
50.00	200.00	0.00005	60.00	200.00	0.00005
70.00	200.00	0.00005	80.00	200.00	0.00004

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00004	100.00	200.00	0.00004
-100.00	210.00	0.00010	-90.00	210.00	0.00010
-80.00	210.00	0.00009	-70.00	210.00	0.00008
-60.00	210.00	0.00008	-50.00	210.00	0.00007
-40.00	210.00	0.00007	-30.00	210.00	0.00007
-25.00	210.00	0.00006	-20.00	210.00	0.00006
-17.00	210.00	0.00006	-15.00	210.00	0.00006
-13.00	210.00	0.00006	-11.00	210.00	0.00006
-9.00	210.00	0.00005	9.00	210.00	0.00005
11.00	210.00	0.00005	13.00	210.00	0.00005
15.00	210.00	0.00005	17.00	210.00	0.00005
20.00	210.00	0.00005	25.00	210.00	0.00005
30.00	210.00	0.00005	40.00	210.00	0.00005
50.00	210.00	0.00005	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	0.00009	-90.00	220.00	0.00009
-80.00	220.00	0.00008	-70.00	220.00	0.00008
-60.00	220.00	0.00007	-50.00	220.00	0.00007
-40.00	220.00	0.00006	-30.00	220.00	0.00006
-25.00	220.00	0.00006	-20.00	220.00	0.00005
-17.00	220.00	0.00005	-15.00	220.00	0.00005
-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	0.00005	13.00	220.00	0.00004
15.00	220.00	0.00004	17.00	220.00	0.00004
20.00	220.00	0.00004	25.00	220.00	0.00004
30.00	220.00	0.00004	40.00	220.00	0.00004
50.00	220.00	0.00004	60.00	220.00	0.00004
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 ***

10:05:15
 **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	0.00008	-90.00	230.00	0.00008
-80.00	230.00	0.00007	-70.00	230.00	0.00007
-60.00	230.00	0.00006	-50.00	230.00	0.00006

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-40.00	230.00	0.00006	-30.00	230.00	0.00005
-25.00	230.00	0.00005	-20.00	230.00	0.00005
-17.00	230.00	0.00005	-15.00	230.00	0.00005
-13.00	230.00	0.00005	-11.00	230.00	0.00005
-9.00	230.00	0.00005	9.00	230.00	0.00004
11.00	230.00	0.00004	13.00	230.00	0.00004
15.00	230.00	0.00004	17.00	230.00	0.00004
20.00	230.00	0.00004	25.00	230.00	0.00004
30.00	230.00	0.00004	40.00	230.00	0.00004
50.00	230.00	0.00004	60.00	230.00	0.00004
70.00	230.00	0.00004	80.00	230.00	0.00004
90.00	230.00	0.00003	100.00	230.00	0.00003
-100.00	240.00	0.00007	-90.00	240.00	0.00007
-80.00	240.00	0.00006	-70.00	240.00	0.00006
-60.00	240.00	0.00006	-50.00	240.00	0.00005
-40.00	240.00	0.00005	-30.00	240.00	0.00005
-25.00	240.00	0.00005	-20.00	240.00	0.00005
-17.00	240.00	0.00004	-15.00	240.00	0.00004
-13.00	240.00	0.00004	-11.00	240.00	0.00004
-9.00	240.00	0.00004	9.00	240.00	0.00004
11.00	240.00	0.00004	13.00	240.00	0.00004
15.00	240.00	0.00004	17.00	240.00	0.00004
20.00	240.00	0.00004	25.00	240.00	0.00004
30.00	240.00	0.00004	40.00	240.00	0.00004
50.00	240.00	0.00004	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	0.00007	-90.00	250.00	0.00006
-80.00	250.00	0.00006	-70.00	250.00	0.00006
-60.00	250.00	0.00005	-50.00	250.00	0.00005
-40.00	250.00	0.00005	-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	0.00004	9.00	250.00	0.00004
11.00	250.00	0.00004	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 ***

10:05:15

**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 ,

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

30.00	-240.00	0.00058	40.00	-240.00	0.00064
50.00	-240.00	0.00069	60.00	-240.00	0.00074
70.00	-240.00	0.00078	80.00	-240.00	0.00080
90.00	-240.00	0.00081	100.00	-240.00	0.00082
-100.00	-230.00	0.00017	-90.00	-230.00	0.00020
-80.00	-230.00	0.00022	-70.00	-230.00	0.00024
-60.00	-230.00	0.00026	-50.00	-230.00	0.00029
-40.00	-230.00	0.00032	-30.00	-230.00	0.00036
-25.00	-230.00	0.00038	-20.00	-230.00	0.00040
-17.00	-230.00	0.00042	-15.00	-230.00	0.00043
-13.00	-230.00	0.00044	-11.00	-230.00	0.00045
-9.00	-230.00	0.00047	9.00	-230.00	0.00055
11.00	-230.00	0.00056	13.00	-230.00	0.00057
15.00	-230.00	0.00058	17.00	-230.00	0.00059

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

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

10:05:15

**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	0.00061	25.00	-230.00	0.00064
30.00	-230.00	0.00067	40.00	-230.00	0.00075
50.00	-230.00	0.00081	60.00	-230.00	0.00087
70.00	-230.00	0.00090	80.00	-230.00	0.00092
90.00	-230.00	0.00093	100.00	-230.00	0.00094
-100.00	-220.00	0.00018	-90.00	-220.00	0.00020
-80.00	-220.00	0.00023	-70.00	-220.00	0.00026
-60.00	-220.00	0.00029	-50.00	-220.00	0.00032
-40.00	-220.00	0.00035	-30.00	-220.00	0.00039
-25.00	-220.00	0.00042	-20.00	-220.00	0.00045
-17.00	-220.00	0.00047	-15.00	-220.00	0.00048
-13.00	-220.00	0.00050	-11.00	-220.00	0.00051
-9.00	-220.00	0.00053	9.00	-220.00	0.00063
11.00	-220.00	0.00064	13.00	-220.00	0.00065
15.00	-220.00	0.00067	17.00	-220.00	0.00068
20.00	-220.00	0.00071	25.00	-220.00	0.00075
30.00	-220.00	0.00080	40.00	-220.00	0.00089
50.00	-220.00	0.00096	60.00	-220.00	0.00102
70.00	-220.00	0.00105	80.00	-220.00	0.00107
90.00	-220.00	0.00108	100.00	-220.00	0.00107

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-100.00	-210.00	0.00018	-90.00	-210.00	0.00021
-80.00	-210.00	0.00024	-70.00	-210.00	0.00028
-60.00	-210.00	0.00032	-50.00	-210.00	0.00035
-40.00	-210.00	0.00039	-30.00	-210.00	0.00044
-25.00	-210.00	0.00047	-20.00	-210.00	0.00050
-17.00	-210.00	0.00053	-15.00	-210.00	0.00054
-13.00	-210.00	0.00056	-11.00	-210.00	0.00058
-9.00	-210.00	0.00060	9.00	-210.00	0.00073
11.00	-210.00	0.00075	13.00	-210.00	0.00077
15.00	-210.00	0.00079	17.00	-210.00	0.00081
20.00	-210.00	0.00084	25.00	-210.00	0.00090
30.00	-210.00	0.00095	40.00	-210.00	0.00107
50.00	-210.00	0.00115	60.00	-210.00	0.00121
70.00	-210.00	0.00125	80.00	-210.00	0.00126
90.00	-210.00	0.00125	100.00	-210.00	0.00122
-100.00	-200.00	0.00019	-90.00	-200.00	0.00022
-80.00	-200.00	0.00025	-70.00	-200.00	0.00029
-60.00	-200.00	0.00034	-50.00	-200.00	0.00039
-40.00	-200.00	0.00043	-30.00	-200.00	0.00049
-25.00	-200.00	0.00053	-20.00	-200.00	0.00057

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

10:05:15
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00060	-15.00	-200.00	0.00062
-13.00	-200.00	0.00064	-11.00	-200.00	0.00066
-9.00	-200.00	0.00068	9.00	-200.00	0.00086
11.00	-200.00	0.00088	13.00	-200.00	0.00091
15.00	-200.00	0.00094	17.00	-200.00	0.00096
20.00	-200.00	0.00101	25.00	-200.00	0.00109
30.00	-200.00	0.00117	40.00	-200.00	0.00130
50.00	-200.00	0.00140	60.00	-200.00	0.00146
70.00	-200.00	0.00149	80.00	-200.00	0.00148
90.00	-200.00	0.00144	100.00	-200.00	0.00138
-100.00	-190.00	0.00019	-90.00	-190.00	0.00022
-80.00	-190.00	0.00026	-70.00	-190.00	0.00030
-60.00	-190.00	0.00036	-50.00	-190.00	0.00042
-40.00	-190.00	0.00049	-30.00	-190.00	0.00055

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-25.00	-190.00	0.00059	-20.00	-190.00	0.00064
-17.00	-190.00	0.00068	-15.00	-190.00	0.00070
-13.00	-190.00	0.00073	-11.00	-190.00	0.00076
-9.00	-190.00	0.00079	9.00	-190.00	0.00103
11.00	-190.00	0.00106	13.00	-190.00	0.00110
15.00	-190.00	0.00114	17.00	-190.00	0.00118
20.00	-190.00	0.00124	25.00	-190.00	0.00135
30.00	-190.00	0.00145	40.00	-190.00	0.00162
50.00	-190.00	0.00173	60.00	-190.00	0.00178
70.00	-190.00	0.00178	80.00	-190.00	0.00173
90.00	-190.00	0.00165	100.00	-190.00	0.00155
-100.00	-180.00	0.00020	-90.00	-180.00	0.00023
-80.00	-180.00	0.00027	-70.00	-180.00	0.00032
-60.00	-180.00	0.00038	-50.00	-180.00	0.00045
-40.00	-180.00	0.00054	-30.00	-180.00	0.00062
-25.00	-180.00	0.00067	-20.00	-180.00	0.00073
-17.00	-180.00	0.00077	-15.00	-180.00	0.00080
-13.00	-180.00	0.00083	-11.00	-180.00	0.00087
-9.00	-180.00	0.00091	9.00	-180.00	0.00125
11.00	-180.00	0.00130	13.00	-180.00	0.00136
15.00	-180.00	0.00142	17.00	-180.00	0.00148
20.00	-180.00	0.00157	25.00	-180.00	0.00172
30.00	-180.00	0.00185	40.00	-180.00	0.00205
50.00	-180.00	0.00216	60.00	-180.00	0.00217
70.00	-180.00	0.00211	80.00	-180.00	0.00199
90.00	-180.00	0.00185	100.00	-180.00	0.00170

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

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

10:05:15

**MODELOPTS:
 PAGE 86

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00021	-90.00	-170.00	0.00024
-80.00	-170.00	0.00029	-70.00	-170.00	0.00034
-60.00	-170.00	0.00040	-50.00	-170.00	0.00047
-40.00	-170.00	0.00058	-30.00	-170.00	0.00070
-25.00	-170.00	0.00076	-20.00	-170.00	0.00083
-17.00	-170.00	0.00087	-15.00	-170.00	0.00091
-13.00	-170.00	0.00095	-11.00	-170.00	0.00100
-9.00	-170.00	0.00105	9.00	-170.00	0.00156

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00164	13.00	-170.00	0.00173
15.00	-170.00	0.00182	17.00	-170.00	0.00192
20.00	-170.00	0.00205	25.00	-170.00	0.00226
30.00	-170.00	0.00243	40.00	-170.00	0.00266
50.00	-170.00	0.00271	60.00	-170.00	0.00261
70.00	-170.00	0.00244	80.00	-170.00	0.00224
90.00	-170.00	0.00203	100.00	-170.00	0.00182
-100.00	-160.00	0.00022	-90.00	-160.00	0.00026
-80.00	-160.00	0.00030	-70.00	-160.00	0.00036
-60.00	-160.00	0.00042	-50.00	-160.00	0.00051
-40.00	-160.00	0.00061	-30.00	-160.00	0.00076
-25.00	-160.00	0.00084	-20.00	-160.00	0.00094
-17.00	-160.00	0.00100	-15.00	-160.00	0.00104
-13.00	-160.00	0.00109	-11.00	-160.00	0.00114
-9.00	-160.00	0.00120	9.00	-160.00	0.00202
11.00	-160.00	0.00217	13.00	-160.00	0.00231
15.00	-160.00	0.00246	17.00	-160.00	0.00261
20.00	-160.00	0.00281	25.00	-160.00	0.00310
30.00	-160.00	0.00330	40.00	-160.00	0.00344
50.00	-160.00	0.00331	60.00	-160.00	0.00305
70.00	-160.00	0.00274	80.00	-160.00	0.00244
90.00	-160.00	0.00216	100.00	-160.00	0.00191
-100.00	-150.00	0.00024	-90.00	-150.00	0.00028
-80.00	-150.00	0.00032	-70.00	-150.00	0.00038
-60.00	-150.00	0.00045	-50.00	-150.00	0.00054
-40.00	-150.00	0.00066	-30.00	-150.00	0.00081
-25.00	-150.00	0.00091	-20.00	-150.00	0.00102
-17.00	-150.00	0.00111	-15.00	-150.00	0.00117
-13.00	-150.00	0.00124	-11.00	-150.00	0.00131
-9.00	-150.00	0.00139	9.00	-150.00	0.00285
11.00	-150.00	0.00311	13.00	-150.00	0.00337
15.00	-150.00	0.00361	17.00	-150.00	0.00382

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

10:05:15
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00409	25.00	-150.00	0.00435
30.00	-150.00	0.00443	40.00	-150.00	0.00424

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00384	60.00	-150.00	0.00340
70.00	-150.00	0.00297	80.00	-150.00	0.00259
90.00	-150.00	0.00224	100.00	-150.00	0.00195
-100.00	-140.00	0.00027	-90.00	-140.00	0.00031
-80.00	-140.00	0.00036	-70.00	-140.00	0.00042
-60.00	-140.00	0.00050	-50.00	-140.00	0.00060
-40.00	-140.00	0.00073	-30.00	-140.00	0.00088
-25.00	-140.00	0.00099	-20.00	-140.00	0.00111
-17.00	-140.00	0.00120	-15.00	-140.00	0.00127
-13.00	-140.00	0.00136	-11.00	-140.00	0.00146
-9.00	-140.00	0.00158	9.00	-140.00	0.00483
11.00	-140.00	0.00515	13.00	-140.00	0.00538
15.00	-140.00	0.00553	17.00	-140.00	0.00563
20.00	-140.00	0.00569	25.00	-140.00	0.00562
30.00	-140.00	0.00543	40.00	-140.00	0.00485
50.00	-140.00	0.00422	60.00	-140.00	0.00362
70.00	-140.00	0.00310	80.00	-140.00	0.00265
90.00	-140.00	0.00226	100.00	-140.00	0.00193
-100.00	-130.00	0.00031	-90.00	-130.00	0.00035
-80.00	-130.00	0.00041	-70.00	-130.00	0.00048
-60.00	-130.00	0.00058	-50.00	-130.00	0.00070
-40.00	-130.00	0.00086	-30.00	-130.00	0.00107
-25.00	-130.00	0.00120	-20.00	-130.00	0.00136
-17.00	-130.00	0.00148	-15.00	-130.00	0.00158
-13.00	-130.00	0.00170	-11.00	-130.00	0.00185
-9.00	-130.00	0.00206	9.00	-130.00	0.00646
11.00	-130.00	0.00653	13.00	-130.00	0.00657
15.00	-130.00	0.00659	17.00	-130.00	0.00658
20.00	-130.00	0.00650	25.00	-130.00	0.00625
30.00	-130.00	0.00591	40.00	-130.00	0.00513
50.00	-130.00	0.00437	60.00	-130.00	0.00369
70.00	-130.00	0.00310	80.00	-130.00	0.00261
90.00	-130.00	0.00219	100.00	-130.00	0.00185
-100.00	-120.00	0.00036	-90.00	-120.00	0.00041
-80.00	-120.00	0.00048	-70.00	-120.00	0.00056
-60.00	-120.00	0.00068	-50.00	-120.00	0.00084
-40.00	-120.00	0.00105	-30.00	-120.00	0.00134
-25.00	-120.00	0.00152	-20.00	-120.00	0.00176

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

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

10:05:15
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

03NCRA PL93-300_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	0.00192	-15.00	-120.00	0.00206	
-13.00	-120.00	0.00221	-11.00	-120.00	0.00239	
-9.00	-120.00	0.00260	9.00	-120.00	0.00661	
11.00	-120.00	0.00666	13.00	-120.00	0.00670	
15.00	-120.00	0.00671	17.00	-120.00	0.00670	
20.00	-120.00	0.00661	25.00	-120.00	0.00634	
30.00	-120.00	0.00597	40.00	-120.00	0.00513	
50.00	-120.00	0.00432	60.00	-120.00	0.00360	
70.00	-120.00	0.00298	80.00	-120.00	0.00248	
90.00	-120.00	0.00206	100.00	-120.00	0.00172	
-100.00	-110.00	0.00041	-90.00	-110.00	0.00047	
-80.00	-110.00	0.00055	-70.00	-110.00	0.00066	
-60.00	-110.00	0.00079	-50.00	-110.00	0.00098	
-40.00	-110.00	0.00124	-30.00	-110.00	0.00159	
-25.00	-110.00	0.00180	-20.00	-110.00	0.00206	
-17.00	-110.00	0.00223	-15.00	-110.00	0.00236	
-13.00	-110.00	0.00250	-11.00	-110.00	0.00265	
-9.00	-110.00	0.00283	9.00	-110.00	0.00661	
11.00	-110.00	0.00665	13.00	-110.00	0.00668	
15.00	-110.00	0.00668	17.00	-110.00	0.00664	
20.00	-110.00	0.00653	25.00	-110.00	0.00623	
30.00	-110.00	0.00584	40.00	-110.00	0.00496	
50.00	-110.00	0.00412	60.00	-110.00	0.00338	
70.00	-110.00	0.00276	80.00	-110.00	0.00226	
90.00	-110.00	0.00186	100.00	-110.00	0.00154	
-100.00	-100.00	0.00045	-90.00	-100.00	0.00053	
-80.00	-100.00	0.00063	-70.00	-100.00	0.00075	
-60.00	-100.00	0.00091	-50.00	-100.00	0.00111	
-40.00	-100.00	0.00139	-30.00	-100.00	0.00176	
-25.00	-100.00	0.00198	-20.00	-100.00	0.00222	
-17.00	-100.00	0.00238	-15.00	-100.00	0.00249	
-13.00	-100.00	0.00260	-11.00	-100.00	0.00272	
-9.00	-100.00	0.00287	9.00	-100.00	0.00650	
11.00	-100.00	0.00653	13.00	-100.00	0.00655	
15.00	-100.00	0.00653	17.00	-100.00	0.00648	
20.00	-100.00	0.00635	25.00	-100.00	0.00601	
30.00	-100.00	0.00558	40.00	-100.00	0.00466	
50.00	-100.00	0.00379	60.00	-100.00	0.00306	
70.00	-100.00	0.00246	80.00	-100.00	0.00199	
90.00	-100.00	0.00162	100.00	-100.00	0.00134	

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

*** NCRA Cumulative DPM Impacts

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

10:05:15

**MODELOPTs:

PAGE 89

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00050	-90.00	-90.00	0.00059
-80.00	-90.00	0.00069	-70.00	-90.00	0.00083
-60.00	-90.00	0.00100	-50.00	-90.00	0.00122
-40.00	-90.00	0.00149	-30.00	-90.00	0.00185
-25.00	-90.00	0.00206	-20.00	-90.00	0.00228
-17.00	-90.00	0.00241	-15.00	-90.00	0.00250
-13.00	-90.00	0.00259	-11.00	-90.00	0.00270
-9.00	-90.00	0.00283	9.00	-90.00	0.00630
11.00	-90.00	0.00631	13.00	-90.00	0.00631
15.00	-90.00	0.00627	17.00	-90.00	0.00620
20.00	-90.00	0.00603	25.00	-90.00	0.00565
30.00	-90.00	0.00518	40.00	-90.00	0.00420
50.00	-90.00	0.00333	60.00	-90.00	0.00262
70.00	-90.00	0.00208	80.00	-90.00	0.00167
90.00	-90.00	0.00136	100.00	-90.00	0.00113
-100.00	-80.00	0.00054	-90.00	-80.00	0.00063
-80.00	-80.00	0.00075	-70.00	-80.00	0.00089
-60.00	-80.00	0.00107	-50.00	-80.00	0.00129
-40.00	-80.00	0.00156	-30.00	-80.00	0.00188
-25.00	-80.00	0.00206	-20.00	-80.00	0.00225
-17.00	-80.00	0.00236	-15.00	-80.00	0.00244
-13.00	-80.00	0.00252	-11.00	-80.00	0.00261
-9.00	-80.00	0.00272	9.00	-80.00	0.00599
11.00	-80.00	0.00597	13.00	-80.00	0.00593
15.00	-80.00	0.00585	17.00	-80.00	0.00575
20.00	-80.00	0.00554	25.00	-80.00	0.00508
30.00	-80.00	0.00457	40.00	-80.00	0.00356
50.00	-80.00	0.00273	60.00	-80.00	0.00211
70.00	-80.00	0.00167	80.00	-80.00	0.00135
90.00	-80.00	0.00111	100.00	-80.00	0.00092
-100.00	-70.00	0.00057	-90.00	-70.00	0.00067
-80.00	-70.00	0.00079	-70.00	-70.00	0.00093
-60.00	-70.00	0.00111	-50.00	-70.00	0.00133
-40.00	-70.00	0.00159	-30.00	-70.00	0.00188

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-25.00	-70.00	0.00202	-20.00	-70.00	0.00217
-17.00	-70.00	0.00226	-15.00	-70.00	0.00232
-13.00	-70.00	0.00239	-11.00	-70.00	0.00246
-9.00	-70.00	0.00256	9.00	-70.00	0.00550
11.00	-70.00	0.00541	13.00	-70.00	0.00531
15.00	-70.00	0.00518	17.00	-70.00	0.00502

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

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

10:05:15

**MODELOPTs:

PAGE 90

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00474	25.00	-70.00	0.00420
30.00	-70.00	0.00365	40.00	-70.00	0.00271
50.00	-70.00	0.00205	60.00	-70.00	0.00159
70.00	-70.00	0.00127	80.00	-70.00	0.00104
90.00	-70.00	0.00087	100.00	-70.00	0.00073
-100.00	-60.00	0.00060	-90.00	-60.00	0.00069
-80.00	-60.00	0.00081	-70.00	-60.00	0.00095
-60.00	-60.00	0.00113	-50.00	-60.00	0.00134
-40.00	-60.00	0.00159	-30.00	-60.00	0.00184
-25.00	-60.00	0.00197	-20.00	-60.00	0.00208
-17.00	-60.00	0.00214	-15.00	-60.00	0.00218
-13.00	-60.00	0.00223	-11.00	-60.00	0.00228
-9.00	-60.00	0.00235	9.00	-60.00	0.00463
11.00	-60.00	0.00442	13.00	-60.00	0.00420
15.00	-60.00	0.00398	17.00	-60.00	0.00375
20.00	-60.00	0.00340	25.00	-60.00	0.00288
30.00	-60.00	0.00244	40.00	-60.00	0.00182
50.00	-60.00	0.00141	60.00	-60.00	0.00112
70.00	-60.00	0.00092	80.00	-60.00	0.00077
90.00	-60.00	0.00066	100.00	-60.00	0.00057
-100.00	-50.00	0.00060	-90.00	-50.00	0.00069
-80.00	-50.00	0.00081	-70.00	-50.00	0.00094
-60.00	-50.00	0.00111	-50.00	-50.00	0.00131
-40.00	-50.00	0.00153	-30.00	-50.00	0.00176
-25.00	-50.00	0.00187	-20.00	-50.00	0.00197
-17.00	-50.00	0.00202	-15.00	-50.00	0.00205
-13.00	-50.00	0.00207	-11.00	-50.00	0.00210
-9.00	-50.00	0.00213	9.00	-50.00	0.00259

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

11.00	-50.00	0.00231	13.00	-50.00	0.00212
15.00	-50.00	0.00198	17.00	-50.00	0.00186
20.00	-50.00	0.00171	25.00	-50.00	0.00151
30.00	-50.00	0.00134	40.00	-50.00	0.00108
50.00	-50.00	0.00089	60.00	-50.00	0.00075
70.00	-50.00	0.00064	80.00	-50.00	0.00055
90.00	-50.00	0.00048	100.00	-50.00	0.00043
-100.00	-40.00	0.00059	-90.00	-40.00	0.00067
-80.00	-40.00	0.00078	-70.00	-40.00	0.00090
-60.00	-40.00	0.00105	-50.00	-40.00	0.00121
-40.00	-40.00	0.00139	-30.00	-40.00	0.00156
-25.00	-40.00	0.00163	-20.00	-40.00	0.00168

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

10:05:15
 **MODELOPTs:
 PAGE 91

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00169	-15.00	-40.00	0.00169
-13.00	-40.00	0.00167	-11.00	-40.00	0.00164
-9.00	-40.00	0.00158	9.00	-40.00	0.00085
11.00	-40.00	0.00084	13.00	-40.00	0.00083
15.00	-40.00	0.00082	17.00	-40.00	0.00081
20.00	-40.00	0.00079	25.00	-40.00	0.00075
30.00	-40.00	0.00071	40.00	-40.00	0.00063
50.00	-40.00	0.00056	60.00	-40.00	0.00050
70.00	-40.00	0.00044	80.00	-40.00	0.00040
90.00	-40.00	0.00036	100.00	-40.00	0.00032
-100.00	-30.00	0.00056	-90.00	-30.00	0.00064
-80.00	-30.00	0.00073	-70.00	-30.00	0.00083
-60.00	-30.00	0.00094	-50.00	-30.00	0.00106
-40.00	-30.00	0.00117	-30.00	-30.00	0.00125
-25.00	-30.00	0.00126	-20.00	-30.00	0.00123
-17.00	-30.00	0.00119	-15.00	-30.00	0.00115
-13.00	-30.00	0.00109	-11.00	-30.00	0.00103
-9.00	-30.00	0.00095	9.00	-30.00	0.00058
11.00	-30.00	0.00057	13.00	-30.00	0.00056
15.00	-30.00	0.00055	17.00	-30.00	0.00054
20.00	-30.00	0.00052	25.00	-30.00	0.00049
30.00	-30.00	0.00047	40.00	-30.00	0.00043

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

50.00	-30.00	0.00039	60.00	-30.00	0.00036
70.00	-30.00	0.00032	80.00	-30.00	0.00030
90.00	-30.00	0.00027	100.00	-30.00	0.00025
-100.00	-20.00	0.00053	-90.00	-20.00	0.00059
-80.00	-20.00	0.00066	-70.00	-20.00	0.00074
-60.00	-20.00	0.00082	-50.00	-20.00	0.00089
-40.00	-20.00	0.00094	-30.00	-20.00	0.00094
-25.00	-20.00	0.00091	-20.00	-20.00	0.00085
-17.00	-20.00	0.00080	-15.00	-20.00	0.00076
-13.00	-20.00	0.00071	-11.00	-20.00	0.00067
-9.00	-20.00	0.00062	9.00	-20.00	0.00042
11.00	-20.00	0.00042	13.00	-20.00	0.00041
15.00	-20.00	0.00041	17.00	-20.00	0.00040
20.00	-20.00	0.00039	25.00	-20.00	0.00038
30.00	-20.00	0.00036	40.00	-20.00	0.00032
50.00	-20.00	0.00029	60.00	-20.00	0.00027
70.00	-20.00	0.00025	80.00	-20.00	0.00023
90.00	-20.00	0.00021	100.00	-20.00	0.00020

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

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

10:05:15
 **MODELOPTs:
 PAGE 92

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00048	-90.00	-10.00	0.00054
-80.00	-10.00	0.00059	-70.00	-10.00	0.00064
-60.00	-10.00	0.00069	-50.00	-10.00	0.00073
-40.00	-10.00	0.00073	-30.00	-10.00	0.00070
-25.00	-10.00	0.00065	-20.00	-10.00	0.00059
-17.00	-10.00	0.00055	-15.00	-10.00	0.00052
-13.00	-10.00	0.00049	-11.00	-10.00	0.00047
-9.00	-10.00	0.00044	9.00	-10.00	0.00033
11.00	-10.00	0.00032	13.00	-10.00	0.00032
15.00	-10.00	0.00031	17.00	-10.00	0.00031
20.00	-10.00	0.00030	25.00	-10.00	0.00030
30.00	-10.00	0.00029	40.00	-10.00	0.00026
50.00	-10.00	0.00023	60.00	-10.00	0.00021
70.00	-10.00	0.00020	80.00	-10.00	0.00019
90.00	-10.00	0.00017	100.00	-10.00	0.00016
-100.00	0.00	0.00044	-90.00	0.00	0.00048

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-80.00	0.00	0.00052	-70.00	0.00	0.00055
-60.00	0.00	0.00058	-50.00	0.00	0.00059
-40.00	0.00	0.00057	-30.00	0.00	0.00052
-25.00	0.00	0.00047	-20.00	0.00	0.00043
-17.00	0.00	0.00040	-15.00	0.00	0.00038
-13.00	0.00	0.00037	-11.00	0.00	0.00035
-9.00	0.00	0.00034	9.00	0.00	0.00026
11.00	0.00	0.00026	13.00	0.00	0.00025
15.00	0.00	0.00025	17.00	0.00	0.00025
20.00	0.00	0.00024	25.00	0.00	0.00024
30.00	0.00	0.00023	40.00	0.00	0.00022
50.00	0.00	0.00020	60.00	0.00	0.00018
70.00	0.00	0.00016	80.00	0.00	0.00015
90.00	0.00	0.00014	100.00	0.00	0.00013
-100.00	10.00	0.00040	-90.00	10.00	0.00042
-80.00	10.00	0.00045	-70.00	10.00	0.00047
-60.00	10.00	0.00048	-50.00	10.00	0.00047
-40.00	10.00	0.00044	-30.00	10.00	0.00039
-25.00	10.00	0.00035	-20.00	10.00	0.00032
-17.00	10.00	0.00031	-15.00	10.00	0.00030
-13.00	10.00	0.00029	-11.00	10.00	0.00028
-9.00	10.00	0.00027	9.00	10.00	0.00021
11.00	10.00	0.00021	13.00	10.00	0.00021
15.00	10.00	0.00021	17.00	10.00	0.00020

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

10:05:15
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00020	25.00	10.00	0.00019
30.00	10.00	0.00019	40.00	10.00	0.00018
50.00	10.00	0.00017	60.00	10.00	0.00015
70.00	10.00	0.00014	80.00	10.00	0.00013
90.00	10.00	0.00012	100.00	10.00	0.00011
-100.00	20.00	0.00035	-90.00	20.00	0.00037
-80.00	20.00	0.00039	-70.00	20.00	0.00040
-60.00	20.00	0.00040	-50.00	20.00	0.00038
-40.00	20.00	0.00035	-30.00	20.00	0.00030
-25.00	20.00	0.00028	-20.00	20.00	0.00026

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-17.00	20.00	0.00024	-15.00	20.00	0.00024
-13.00	20.00	0.00023	-11.00	20.00	0.00022
-9.00	20.00	0.00022	9.00	20.00	0.00018
11.00	20.00	0.00017	13.00	20.00	0.00017
15.00	20.00	0.00017	17.00	20.00	0.00017
20.00	20.00	0.00017	25.00	20.00	0.00016
30.00	20.00	0.00016	40.00	20.00	0.00015
50.00	20.00	0.00014	60.00	20.00	0.00013
70.00	20.00	0.00012	80.00	20.00	0.00012
90.00	20.00	0.00011	100.00	20.00	0.00010
-100.00	30.00	0.00031	-90.00	30.00	0.00032
-80.00	30.00	0.00033	-70.00	30.00	0.00034
-60.00	30.00	0.00033	-50.00	30.00	0.00031
-40.00	30.00	0.00027	-30.00	30.00	0.00024
-25.00	30.00	0.00022	-20.00	30.00	0.00021
-17.00	30.00	0.00020	-15.00	30.00	0.00019
-13.00	30.00	0.00019	-11.00	30.00	0.00018
-9.00	30.00	0.00018	9.00	30.00	0.00015
11.00	30.00	0.00015	13.00	30.00	0.00015
15.00	30.00	0.00014	17.00	30.00	0.00014
20.00	30.00	0.00014	25.00	30.00	0.00014
30.00	30.00	0.00014	40.00	30.00	0.00013
50.00	30.00	0.00012	60.00	30.00	0.00012
70.00	30.00	0.00011	80.00	30.00	0.00010
90.00	30.00	0.00010	100.00	30.00	0.00009
-100.00	40.00	0.00028	-90.00	40.00	0.00028
-80.00	40.00	0.00029	-70.00	40.00	0.00028
-60.00	40.00	0.00027	-50.00	40.00	0.00025
-40.00	40.00	0.00022	-30.00	40.00	0.00019
-25.00	40.00	0.00018	-20.00	40.00	0.00017

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

10:05:15
 **MODELOPTs:
 PAGE 94

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00017	-15.00	40.00	0.00016
-13.00	40.00	0.00016	-11.00	40.00	0.00015
-9.00	40.00	0.00015	9.00	40.00	0.00013
11.00	40.00	0.00013	13.00	40.00	0.00012

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

15.00	40.00	0.00012	17.00	40.00	0.00012
20.00	40.00	0.00012	25.00	40.00	0.00012
30.00	40.00	0.00012	40.00	40.00	0.00011
50.00	40.00	0.00011	60.00	40.00	0.00010
70.00	40.00	0.00010	80.00	40.00	0.00009
90.00	40.00	0.00009	100.00	40.00	0.00008
-100.00	50.00	0.00024	-90.00	50.00	0.00025
-80.00	50.00	0.00025	-70.00	50.00	0.00024
-60.00	50.00	0.00023	-50.00	50.00	0.00020
-40.00	50.00	0.00018	-30.00	50.00	0.00016
-25.00	50.00	0.00015	-20.00	50.00	0.00015
-17.00	50.00	0.00014	-15.00	50.00	0.00014
-13.00	50.00	0.00013	-11.00	50.00	0.00013
-9.00	50.00	0.00013	9.00	50.00	0.00011
11.00	50.00	0.00011	13.00	50.00	0.00011
15.00	50.00	0.00011	17.00	50.00	0.00011
20.00	50.00	0.00011	25.00	50.00	0.00010
30.00	50.00	0.00010	40.00	50.00	0.00010
50.00	50.00	0.00009	60.00	50.00	0.00009
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	60.00	0.00022	-90.00	60.00	0.00022
-80.00	60.00	0.00021	-70.00	60.00	0.00020
-60.00	60.00	0.00019	-50.00	60.00	0.00017
-40.00	60.00	0.00015	-30.00	60.00	0.00014
-25.00	60.00	0.00013	-20.00	60.00	0.00013
-17.00	60.00	0.00012	-15.00	60.00	0.00012
-13.00	60.00	0.00012	-11.00	60.00	0.00011
-9.00	60.00	0.00011	9.00	60.00	0.00010
11.00	60.00	0.00009	13.00	60.00	0.00009
15.00	60.00	0.00009	17.00	60.00	0.00009
20.00	60.00	0.00009	25.00	60.00	0.00009
30.00	60.00	0.00009	40.00	60.00	0.00009
50.00	60.00	0.00008	60.00	60.00	0.00008
70.00	60.00	0.00008	80.00	60.00	0.00007
90.00	60.00	0.00007	100.00	60.00	0.00007

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

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

10:05:15

**MODELOPTs:

PAGE 95

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

03NCRA PL93-300 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	0.00019	-90.00	70.00	0.00019
-80.00	70.00	0.00018	-70.00	70.00	0.00017
-60.00	70.00	0.00016	-50.00	70.00	0.00014
-40.00	70.00	0.00013	-30.00	70.00	0.00012
-25.00	70.00	0.00011	-20.00	70.00	0.00011
-17.00	70.00	0.00011	-15.00	70.00	0.00010
-13.00	70.00	0.00010	-11.00	70.00	0.00010
-9.00	70.00	0.00010	9.00	70.00	0.00008
11.00	70.00	0.00008	13.00	70.00	0.00008
15.00	70.00	0.00008	17.00	70.00	0.00008
20.00	70.00	0.00008	25.00	70.00	0.00008
30.00	70.00	0.00008	40.00	70.00	0.00008
50.00	70.00	0.00007	60.00	70.00	0.00007
70.00	70.00	0.00007	80.00	70.00	0.00007
90.00	70.00	0.00006	100.00	70.00	0.00006
-100.00	80.00	0.00017	-90.00	80.00	0.00017
-80.00	80.00	0.00016	-70.00	80.00	0.00015
-60.00	80.00	0.00014	-50.00	80.00	0.00012
-40.00	80.00	0.00011	-30.00	80.00	0.00010
-25.00	80.00	0.00010	-20.00	80.00	0.00010
-17.00	80.00	0.00009	-15.00	80.00	0.00009
-13.00	80.00	0.00009	-11.00	80.00	0.00009
-9.00	80.00	0.00008	9.00	80.00	0.00007
11.00	80.00	0.00007	13.00	80.00	0.00007
15.00	80.00	0.00007	17.00	80.00	0.00007
20.00	80.00	0.00007	25.00	80.00	0.00007
30.00	80.00	0.00007	40.00	80.00	0.00007
50.00	80.00	0.00007	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	0.00006
-100.00	90.00	0.00015	-90.00	90.00	0.00015
-80.00	90.00	0.00014	-70.00	90.00	0.00013
-60.00	90.00	0.00012	-50.00	90.00	0.00011
-40.00	90.00	0.00010	-30.00	90.00	0.00009
-25.00	90.00	0.00009	-20.00	90.00	0.00008
-17.00	90.00	0.00008	-15.00	90.00	0.00008
-13.00	90.00	0.00008	-11.00	90.00	0.00008
-9.00	90.00	0.00008	9.00	90.00	0.00007
11.00	90.00	0.00007	13.00	90.00	0.00007
15.00	90.00	0.00007	17.00	90.00	0.00007

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	0.00007	25.00	90.00	0.00006
30.00	90.00	0.00006	40.00	90.00	0.00006
50.00	90.00	0.00006	60.00	90.00	0.00006
70.00	90.00	0.00006	80.00	90.00	0.00005
90.00	90.00	0.00005	100.00	90.00	0.00005
-100.00	100.00	0.00013	-90.00	100.00	0.00013
-80.00	100.00	0.00012	-70.00	100.00	0.00011
-60.00	100.00	0.00010	-50.00	100.00	0.00009
-40.00	100.00	0.00009	-30.00	100.00	0.00008
-25.00	100.00	0.00008	-20.00	100.00	0.00007
-17.00	100.00	0.00007	-15.00	100.00	0.00007
-13.00	100.00	0.00007	-11.00	100.00	0.00007
-9.00	100.00	0.00007	9.00	100.00	0.00006
11.00	100.00	0.00006	13.00	100.00	0.00006
15.00	100.00	0.00006	17.00	100.00	0.00006
20.00	100.00	0.00006	25.00	100.00	0.00006
30.00	100.00	0.00006	40.00	100.00	0.00006
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	0.00005
-100.00	110.00	0.00012	-90.00	110.00	0.00011
-80.00	110.00	0.00010	-70.00	110.00	0.00010
-60.00	110.00	0.00009	-50.00	110.00	0.00008
-40.00	110.00	0.00008	-30.00	110.00	0.00007
-25.00	110.00	0.00007	-20.00	110.00	0.00007
-17.00	110.00	0.00007	-15.00	110.00	0.00006
-13.00	110.00	0.00006	-11.00	110.00	0.00006
-9.00	110.00	0.00006	9.00	110.00	0.00005
11.00	110.00	0.00005	13.00	110.00	0.00005
15.00	110.00	0.00005	17.00	110.00	0.00005
20.00	110.00	0.00005	25.00	110.00	0.00005
30.00	110.00	0.00005	40.00	110.00	0.00005
50.00	110.00	0.00005	60.00	110.00	0.00005
70.00	110.00	0.00005	80.00	110.00	0.00004
90.00	110.00	0.00004	100.00	110.00	0.00004
-100.00	120.00	0.00010	-90.00	120.00	0.00010

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-80.00	120.00	0.00009	-70.00	120.00	0.00008
-60.00	120.00	0.00008	-50.00	120.00	0.00007
-40.00	120.00	0.00007	-30.00	120.00	0.00007
-25.00	120.00	0.00006	-20.00	120.00	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 ***

** 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	0.00006	-15.00	120.00	0.00006
-13.00	120.00	0.00006	-11.00	120.00	0.00006
-9.00	120.00	0.00005	9.00	120.00	0.00005
11.00	120.00	0.00005	13.00	120.00	0.00005
15.00	120.00	0.00005	17.00	120.00	0.00005
20.00	120.00	0.00005	25.00	120.00	0.00005
30.00	120.00	0.00005	40.00	120.00	0.00005
50.00	120.00	0.00005	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	0.00009	-90.00	130.00	0.00009
-80.00	130.00	0.00008	-70.00	130.00	0.00008
-60.00	130.00	0.00007	-50.00	130.00	0.00007
-40.00	130.00	0.00006	-30.00	130.00	0.00006
-25.00	130.00	0.00006	-20.00	130.00	0.00005
-17.00	130.00	0.00005	-15.00	130.00	0.00005
-13.00	130.00	0.00005	-11.00	130.00	0.00005
-9.00	130.00	0.00005	9.00	130.00	0.00005
11.00	130.00	0.00005	13.00	130.00	0.00004
15.00	130.00	0.00004	17.00	130.00	0.00004
20.00	130.00	0.00004	25.00	130.00	0.00004
30.00	130.00	0.00004	40.00	130.00	0.00004
50.00	130.00	0.00004	60.00	130.00	0.00004
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	0.00008	-90.00	140.00	0.00008
-80.00	140.00	0.00007	-70.00	140.00	0.00007
-60.00	140.00	0.00006	-50.00	140.00	0.00006
-40.00	140.00	0.00006	-30.00	140.00	0.00005
-25.00	140.00	0.00005	-20.00	140.00	0.00005

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-17.00	140.00	0.00005	-15.00	140.00	0.00005
-13.00	140.00	0.00005	-11.00	140.00	0.00005
-9.00	140.00	0.00005	9.00	140.00	0.00004
11.00	140.00	0.00004	13.00	140.00	0.00004
15.00	140.00	0.00004	17.00	140.00	0.00004
20.00	140.00	0.00004	25.00	140.00	0.00004
30.00	140.00	0.00004	40.00	140.00	0.00004
50.00	140.00	0.00004	60.00	140.00	0.00004
70.00	140.00	0.00004	80.00	140.00	0.00004
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	0.00007	-90.00	150.00	0.00007
-80.00	150.00	0.00006	-70.00	150.00	0.00006
-60.00	150.00	0.00006	-50.00	150.00	0.00005
-40.00	150.00	0.00005	-30.00	150.00	0.00005
-25.00	150.00	0.00005	-20.00	150.00	0.00005
-17.00	150.00	0.00004	-15.00	150.00	0.00004
-13.00	150.00	0.00004	-11.00	150.00	0.00004
-9.00	150.00	0.00004	9.00	150.00	0.00004
11.00	150.00	0.00004	13.00	150.00	0.00004
15.00	150.00	0.00004	17.00	150.00	0.00004
20.00	150.00	0.00004	25.00	150.00	0.00004
30.00	150.00	0.00004	40.00	150.00	0.00004
50.00	150.00	0.00004	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	0.00007	-90.00	160.00	0.00006
-80.00	160.00	0.00006	-70.00	160.00	0.00006
-60.00	160.00	0.00005	-50.00	160.00	0.00005
-40.00	160.00	0.00005	-30.00	160.00	0.00004
-25.00	160.00	0.00004	-20.00	160.00	0.00004
-17.00	160.00	0.00004	-15.00	160.00	0.00004
-13.00	160.00	0.00004	-11.00	160.00	0.00004
-9.00	160.00	0.00004	9.00	160.00	0.00004
11.00	160.00	0.00004	13.00	160.00	0.00003

03NCRA_PL93-300_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	0.00006	-90.00	170.00	0.00006
-80.00	170.00	0.00005	-70.00	170.00	0.00005
-60.00	170.00	0.00005	-50.00	170.00	0.00005
-40.00	170.00	0.00004	-30.00	170.00	0.00004
-25.00	170.00	0.00004	-20.00	170.00	0.00004
-17.00	170.00	0.00004	-15.00	170.00	0.00004
-13.00	170.00	0.00004	-11.00	170.00	0.00004
-9.00	170.00	0.00004	9.00	170.00	0.00003
11.00	170.00	0.00003	13.00	170.00	0.00003
15.00	170.00	0.00003	17.00	170.00	0.00003

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_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	0.00003	25.00	170.00	0.00003
30.00	170.00	0.00003	40.00	170.00	0.00003
50.00	170.00	0.00003	60.00	170.00	0.00003
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	0.00005	-90.00	180.00	0.00005
-80.00	180.00	0.00005	-70.00	180.00	0.00005
-60.00	180.00	0.00004	-50.00	180.00	0.00004
-40.00	180.00	0.00004	-30.00	180.00	0.00004
-25.00	180.00	0.00004	-20.00	180.00	0.00004
-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	0.00003
11.00	180.00	0.00003	13.00	180.00	0.00003
15.00	180.00	0.00003	17.00	180.00	0.00003
20.00	180.00	0.00003	25.00	180.00	0.00003
30.00	180.00	0.00003	40.00	180.00	0.00003
50.00	180.00	0.00003	60.00	180.00	0.00003

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

70.00	180.00	0.00003	80.00	180.00	0.00003
90.00	180.00	0.00003	100.00	180.00	0.00003
-100.00	190.00	0.00005	-90.00	190.00	0.00005
-80.00	190.00	0.00004	-70.00	190.00	0.00004
-60.00	190.00	0.00004	-50.00	190.00	0.00004
-40.00	190.00	0.00004	-30.00	190.00	0.00003
-25.00	190.00	0.00003	-20.00	190.00	0.00003
-17.00	190.00	0.00003	-15.00	190.00	0.00003
-13.00	190.00	0.00003	-11.00	190.00	0.00003
-9.00	190.00	0.00003	9.00	190.00	0.00003
11.00	190.00	0.00003	13.00	190.00	0.00003
15.00	190.00	0.00003	17.00	190.00	0.00003
20.00	190.00	0.00003	25.00	190.00	0.00003
30.00	190.00	0.00003	40.00	190.00	0.00003
50.00	190.00	0.00003	60.00	190.00	0.00003
70.00	190.00	0.00003	80.00	190.00	0.00003
90.00	190.00	0.00002	100.00	190.00	0.00002
-100.00	200.00	0.00005	-90.00	200.00	0.00004
-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	0.00003	-30.00	200.00	0.00003
-25.00	200.00	0.00003	-20.00	200.00	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
-17.00	200.00	0.00003	-15.00	200.00	0.00003
-13.00	200.00	0.00003	-11.00	200.00	0.00003
-9.00	200.00	0.00003	9.00	200.00	0.00003
11.00	200.00	0.00003	13.00	200.00	0.00003
15.00	200.00	0.00003	17.00	200.00	0.00003
20.00	200.00	0.00003	25.00	200.00	0.00003
30.00	200.00	0.00003	40.00	200.00	0.00003
50.00	200.00	0.00003	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	0.00004	-90.00	210.00	0.00004
-80.00	210.00	0.00004	-70.00	210.00	0.00004

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

10:05:15
 **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	0.00004	-90.00	230.00	0.00003
-80.00	230.00	0.00003	-70.00	230.00	0.00003
-60.00	230.00	0.00003	-50.00	230.00	0.00003
-40.00	230.00	0.00003	-30.00	230.00	0.00003
-25.00	230.00	0.00003	-20.00	230.00	0.00002
-17.00	230.00	0.00002	-15.00	230.00	0.00002

03NCRA_PL93-300_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	0.00003	-90.00	240.00	0.00003
-80.00	240.00	0.00003	-70.00	240.00	0.00003
-60.00	240.00	0.00003	-50.00	240.00	0.00003
-40.00	240.00	0.00003	-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	0.00002
30.00	240.00	0.00002	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	0.00003	-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	0.00003
-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	0.00002
11.00	250.00	0.00002	13.00	250.00	0.00002
15.00	250.00	0.00002	17.00	250.00	0.00002

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

04/20/08

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

10:05:15

**MODELOPTs:

PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

20.00	250.00	0.00002	25.00	250.00	0.00002
30.00	250.00	0.00002	40.00	250.00	0.00002
50.00	250.00	0.00002	60.00	250.00	0.00002
70.00	250.00	0.00002	80.00	250.00	0.00002
90.00	250.00	0.00002	100.00	250.00	0.00002

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

10:05:15
 **MODELOPTs:
 PAGE 103
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00022	-90.00	-250.00	0.00026
-80.00	-250.00	0.00030	-70.00	-250.00	0.00036
-60.00	-250.00	0.00042	-50.00	-250.00	0.00051
-40.00	-250.00	0.00061	-30.00	-250.00	0.00076
-25.00	-250.00	0.00084	-20.00	-250.00	0.00094
-17.00	-250.00	0.00100	-15.00	-250.00	0.00104
-13.00	-250.00	0.00109	-11.00	-250.00	0.00114
-9.00	-250.00	0.00120	9.00	-250.00	0.00202
11.00	-250.00	0.00217	13.00	-250.00	0.00231
15.00	-250.00	0.00246	17.00	-250.00	0.00261
20.00	-250.00	0.00281	25.00	-250.00	0.00310
30.00	-250.00	0.00330	40.00	-250.00	0.00344
50.00	-250.00	0.00331	60.00	-250.00	0.00305
70.00	-250.00	0.00274	80.00	-250.00	0.00244
90.00	-250.00	0.00216	100.00	-250.00	0.00191
-100.00	-240.00	0.00024	-90.00	-240.00	0.00028
-80.00	-240.00	0.00032	-70.00	-240.00	0.00038
-60.00	-240.00	0.00045	-50.00	-240.00	0.00054
-40.00	-240.00	0.00066	-30.00	-240.00	0.00081
-25.00	-240.00	0.00091	-20.00	-240.00	0.00102
-17.00	-240.00	0.00111	-15.00	-240.00	0.00117
-13.00	-240.00	0.00124	-11.00	-240.00	0.00131
-9.00	-240.00	0.00139	9.00	-240.00	0.00285
11.00	-240.00	0.00311	13.00	-240.00	0.00337
15.00	-240.00	0.00361	17.00	-240.00	0.00382
20.00	-240.00	0.00409	25.00	-240.00	0.00435
30.00	-240.00	0.00443	40.00	-240.00	0.00424
50.00	-240.00	0.00384	60.00	-240.00	0.00340
70.00	-240.00	0.00297	80.00	-240.00	0.00259

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

90.00	-240.00	0.00224	100.00	-240.00	0.00195
-100.00	-230.00	0.00027	-90.00	-230.00	0.00031
-80.00	-230.00	0.00036	-70.00	-230.00	0.00042
-60.00	-230.00	0.00050	-50.00	-230.00	0.00060
-40.00	-230.00	0.00073	-30.00	-230.00	0.00088
-25.00	-230.00	0.00099	-20.00	-230.00	0.00111
-17.00	-230.00	0.00120	-15.00	-230.00	0.00127
-13.00	-230.00	0.00136	-11.00	-230.00	0.00146
-9.00	-230.00	0.00158	9.00	-230.00	0.00483
11.00	-230.00	0.00515	13.00	-230.00	0.00538
15.00	-230.00	0.00553	17.00	-230.00	0.00563

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

10:05:15
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00569	25.00	-230.00	0.00562
30.00	-230.00	0.00543	40.00	-230.00	0.00485
50.00	-230.00	0.00422	60.00	-230.00	0.00362
70.00	-230.00	0.00310	80.00	-230.00	0.00265
90.00	-230.00	0.00226	100.00	-230.00	0.00193
-100.00	-220.00	0.00031	-90.00	-220.00	0.00035
-80.00	-220.00	0.00041	-70.00	-220.00	0.00048
-60.00	-220.00	0.00058	-50.00	-220.00	0.00070
-40.00	-220.00	0.00086	-30.00	-220.00	0.00107
-25.00	-220.00	0.00120	-20.00	-220.00	0.00136
-17.00	-220.00	0.00148	-15.00	-220.00	0.00158
-13.00	-220.00	0.00170	-11.00	-220.00	0.00185
-9.00	-220.00	0.00206	9.00	-220.00	0.00646
11.00	-220.00	0.00653	13.00	-220.00	0.00657
15.00	-220.00	0.00659	17.00	-220.00	0.00658
20.00	-220.00	0.00650	25.00	-220.00	0.00625
30.00	-220.00	0.00591	40.00	-220.00	0.00513
50.00	-220.00	0.00437	60.00	-220.00	0.00369
70.00	-220.00	0.00310	80.00	-220.00	0.00261
90.00	-220.00	0.00219	100.00	-220.00	0.00185
-100.00	-210.00	0.00036	-90.00	-210.00	0.00041
-80.00	-210.00	0.00048	-70.00	-210.00	0.00056
-60.00	-210.00	0.00068	-50.00	-210.00	0.00084

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-9.00	-190.00	0.00287	9.00	-190.00	0.00650
11.00	-190.00	0.00653	13.00	-190.00	0.00655
15.00	-190.00	0.00653	17.00	-190.00	0.00648
20.00	-190.00	0.00635	25.00	-190.00	0.00601
30.00	-190.00	0.00558	40.00	-190.00	0.00466
50.00	-190.00	0.00379	60.00	-190.00	0.00306
70.00	-190.00	0.00246	80.00	-190.00	0.00199
90.00	-190.00	0.00162	100.00	-190.00	0.00134
-100.00	-180.00	0.00050	-90.00	-180.00	0.00059
-80.00	-180.00	0.00069	-70.00	-180.00	0.00083
-60.00	-180.00	0.00100	-50.00	-180.00	0.00122
-40.00	-180.00	0.00149	-30.00	-180.00	0.00185
-25.00	-180.00	0.00206	-20.00	-180.00	0.00228
-17.00	-180.00	0.00241	-15.00	-180.00	0.00250
-13.00	-180.00	0.00259	-11.00	-180.00	0.00270
-9.00	-180.00	0.00283	9.00	-180.00	0.00630
11.00	-180.00	0.00631	13.00	-180.00	0.00631
15.00	-180.00	0.00627	17.00	-180.00	0.00620
20.00	-180.00	0.00603	25.00	-180.00	0.00565
30.00	-180.00	0.00518	40.00	-180.00	0.00420
50.00	-180.00	0.00333	60.00	-180.00	0.00262
70.00	-180.00	0.00208	80.00	-180.00	0.00167
90.00	-180.00	0.00136	100.00	-180.00	0.00113

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

10:05:15
 **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	0.00054	-90.00	-170.00	0.00063
-80.00	-170.00	0.00075	-70.00	-170.00	0.00089
-60.00	-170.00	0.00107	-50.00	-170.00	0.00129
-40.00	-170.00	0.00156	-30.00	-170.00	0.00188
-25.00	-170.00	0.00206	-20.00	-170.00	0.00225
-17.00	-170.00	0.00236	-15.00	-170.00	0.00244
-13.00	-170.00	0.00252	-11.00	-170.00	0.00261
-9.00	-170.00	0.00272	9.00	-170.00	0.00599
11.00	-170.00	0.00597	13.00	-170.00	0.00593
15.00	-170.00	0.00585	17.00	-170.00	0.00575
20.00	-170.00	0.00554	25.00	-170.00	0.00508

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

30.00	-170.00	0.00457	40.00	-170.00	0.00356
50.00	-170.00	0.00273	60.00	-170.00	0.00211
70.00	-170.00	0.00167	80.00	-170.00	0.00135
90.00	-170.00	0.00111	100.00	-170.00	0.00092
-100.00	-160.00	0.00057	-90.00	-160.00	0.00067
-80.00	-160.00	0.00079	-70.00	-160.00	0.00093
-60.00	-160.00	0.00111	-50.00	-160.00	0.00133
-40.00	-160.00	0.00159	-30.00	-160.00	0.00188
-25.00	-160.00	0.00202	-20.00	-160.00	0.00217
-17.00	-160.00	0.00226	-15.00	-160.00	0.00232
-13.00	-160.00	0.00239	-11.00	-160.00	0.00246
-9.00	-160.00	0.00256	9.00	-160.00	0.00550
11.00	-160.00	0.00541	13.00	-160.00	0.00531
15.00	-160.00	0.00518	17.00	-160.00	0.00502
20.00	-160.00	0.00474	25.00	-160.00	0.00420
30.00	-160.00	0.00365	40.00	-160.00	0.00271
50.00	-160.00	0.00205	60.00	-160.00	0.00159
70.00	-160.00	0.00127	80.00	-160.00	0.00104
90.00	-160.00	0.00087	100.00	-160.00	0.00073
-100.00	-150.00	0.00060	-90.00	-150.00	0.00069
-80.00	-150.00	0.00081	-70.00	-150.00	0.00095
-60.00	-150.00	0.00113	-50.00	-150.00	0.00134
-40.00	-150.00	0.00159	-30.00	-150.00	0.00184
-25.00	-150.00	0.00197	-20.00	-150.00	0.00208
-17.00	-150.00	0.00214	-15.00	-150.00	0.00218
-13.00	-150.00	0.00223	-11.00	-150.00	0.00228
-9.00	-150.00	0.00235	9.00	-150.00	0.00463
11.00	-150.00	0.00442	13.00	-150.00	0.00420
15.00	-150.00	0.00398	17.00	-150.00	0.00375

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

10:05:15
 **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	0.00340	25.00	-150.00	0.00288
30.00	-150.00	0.00244	40.00	-150.00	0.00182
50.00	-150.00	0.00141	60.00	-150.00	0.00112
70.00	-150.00	0.00092	80.00	-150.00	0.00077
90.00	-150.00	0.00066	100.00	-150.00	0.00057

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-100.00	-140.00	0.00060	-90.00	-140.00	0.00069
-80.00	-140.00	0.00081	-70.00	-140.00	0.00094
-60.00	-140.00	0.00111	-50.00	-140.00	0.00131
-40.00	-140.00	0.00153	-30.00	-140.00	0.00176
-25.00	-140.00	0.00187	-20.00	-140.00	0.00197
-17.00	-140.00	0.00202	-15.00	-140.00	0.00205
-13.00	-140.00	0.00207	-11.00	-140.00	0.00210
-9.00	-140.00	0.00213	9.00	-140.00	0.00259
11.00	-140.00	0.00231	13.00	-140.00	0.00212
15.00	-140.00	0.00198	17.00	-140.00	0.00186
20.00	-140.00	0.00171	25.00	-140.00	0.00151
30.00	-140.00	0.00134	40.00	-140.00	0.00108
50.00	-140.00	0.00089	60.00	-140.00	0.00075
70.00	-140.00	0.00064	80.00	-140.00	0.00055
90.00	-140.00	0.00048	100.00	-140.00	0.00043
-100.00	-130.00	0.00059	-90.00	-130.00	0.00067
-80.00	-130.00	0.00078	-70.00	-130.00	0.00090
-60.00	-130.00	0.00105	-50.00	-130.00	0.00121
-40.00	-130.00	0.00139	-30.00	-130.00	0.00156
-25.00	-130.00	0.00163	-20.00	-130.00	0.00168
-17.00	-130.00	0.00169	-15.00	-130.00	0.00169
-13.00	-130.00	0.00167	-11.00	-130.00	0.00164
-9.00	-130.00	0.00158	9.00	-130.00	0.00085
11.00	-130.00	0.00084	13.00	-130.00	0.00083
15.00	-130.00	0.00082	17.00	-130.00	0.00081
20.00	-130.00	0.00079	25.00	-130.00	0.00075
30.00	-130.00	0.00071	40.00	-130.00	0.00063
50.00	-130.00	0.00056	60.00	-130.00	0.00050
70.00	-130.00	0.00044	80.00	-130.00	0.00040
90.00	-130.00	0.00036	100.00	-130.00	0.00032
-100.00	-120.00	0.00056	-90.00	-120.00	0.00064
-80.00	-120.00	0.00073	-70.00	-120.00	0.00083
-60.00	-120.00	0.00094	-50.00	-120.00	0.00106
-40.00	-120.00	0.00117	-30.00	-120.00	0.00125
-25.00	-120.00	0.00126	-20.00	-120.00	0.00123

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 10:05:15
 **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 **

03NCRA_PL93-300_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	0.00119	-15.00	-120.00	0.00115
-13.00	-120.00	0.00109	-11.00	-120.00	0.00103
-9.00	-120.00	0.00095	9.00	-120.00	0.00058
11.00	-120.00	0.00057	13.00	-120.00	0.00056
15.00	-120.00	0.00055	17.00	-120.00	0.00054
20.00	-120.00	0.00052	25.00	-120.00	0.00049
30.00	-120.00	0.00047	40.00	-120.00	0.00043
50.00	-120.00	0.00039	60.00	-120.00	0.00036
70.00	-120.00	0.00032	80.00	-120.00	0.00030
90.00	-120.00	0.00027	100.00	-120.00	0.00025
-100.00	-110.00	0.00053	-90.00	-110.00	0.00059
-80.00	-110.00	0.00066	-70.00	-110.00	0.00074
-60.00	-110.00	0.00082	-50.00	-110.00	0.00089
-40.00	-110.00	0.00094	-30.00	-110.00	0.00094
-25.00	-110.00	0.00091	-20.00	-110.00	0.00085
-17.00	-110.00	0.00080	-15.00	-110.00	0.00076
-13.00	-110.00	0.00071	-11.00	-110.00	0.00067
-9.00	-110.00	0.00062	9.00	-110.00	0.00042
11.00	-110.00	0.00042	13.00	-110.00	0.00041
15.00	-110.00	0.00041	17.00	-110.00	0.00040
20.00	-110.00	0.00039	25.00	-110.00	0.00038
30.00	-110.00	0.00036	40.00	-110.00	0.00032
50.00	-110.00	0.00029	60.00	-110.00	0.00027
70.00	-110.00	0.00025	80.00	-110.00	0.00023
90.00	-110.00	0.00021	100.00	-110.00	0.00020
-100.00	-100.00	0.00048	-90.00	-100.00	0.00054
-80.00	-100.00	0.00059	-70.00	-100.00	0.00064
-60.00	-100.00	0.00069	-50.00	-100.00	0.00073
-40.00	-100.00	0.00073	-30.00	-100.00	0.00070
-25.00	-100.00	0.00065	-20.00	-100.00	0.00059
-17.00	-100.00	0.00055	-15.00	-100.00	0.00052
-13.00	-100.00	0.00049	-11.00	-100.00	0.00047
-9.00	-100.00	0.00044	9.00	-100.00	0.00033
11.00	-100.00	0.00032	13.00	-100.00	0.00032
15.00	-100.00	0.00031	17.00	-100.00	0.00031
20.00	-100.00	0.00030	25.00	-100.00	0.00030
30.00	-100.00	0.00029	40.00	-100.00	0.00026
50.00	-100.00	0.00023	60.00	-100.00	0.00021
70.00	-100.00	0.00020	80.00	-100.00	0.00019
90.00	-100.00	0.00017	100.00	-100.00	0.00016

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

*** NCRA Cumulative DPM Impacts

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

10:05:15
**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	0.00044	-90.00	-90.00	0.00048
-80.00	-90.00	0.00052	-70.00	-90.00	0.00055
-60.00	-90.00	0.00058	-50.00	-90.00	0.00059
-40.00	-90.00	0.00057	-30.00	-90.00	0.00052
-25.00	-90.00	0.00047	-20.00	-90.00	0.00043
-17.00	-90.00	0.00040	-15.00	-90.00	0.00038
-13.00	-90.00	0.00037	-11.00	-90.00	0.00035
-9.00	-90.00	0.00034	9.00	-90.00	0.00026
11.00	-90.00	0.00026	13.00	-90.00	0.00025
15.00	-90.00	0.00025	17.00	-90.00	0.00025
20.00	-90.00	0.00024	25.00	-90.00	0.00024
30.00	-90.00	0.00023	40.00	-90.00	0.00022
50.00	-90.00	0.00020	60.00	-90.00	0.00018
70.00	-90.00	0.00016	80.00	-90.00	0.00015
90.00	-90.00	0.00014	100.00	-90.00	0.00013
-100.00	-80.00	0.00040	-90.00	-80.00	0.00042
-80.00	-80.00	0.00045	-70.00	-80.00	0.00047
-60.00	-80.00	0.00048	-50.00	-80.00	0.00047
-40.00	-80.00	0.00044	-30.00	-80.00	0.00039
-25.00	-80.00	0.00035	-20.00	-80.00	0.00032
-17.00	-80.00	0.00031	-15.00	-80.00	0.00030
-13.00	-80.00	0.00029	-11.00	-80.00	0.00028
-9.00	-80.00	0.00027	9.00	-80.00	0.00021
11.00	-80.00	0.00021	13.00	-80.00	0.00021
15.00	-80.00	0.00021	17.00	-80.00	0.00020
20.00	-80.00	0.00020	25.00	-80.00	0.00019
30.00	-80.00	0.00019	40.00	-80.00	0.00018
50.00	-80.00	0.00017	60.00	-80.00	0.00015
70.00	-80.00	0.00014	80.00	-80.00	0.00013
90.00	-80.00	0.00012	100.00	-80.00	0.00011
-100.00	-70.00	0.00035	-90.00	-70.00	0.00037
-80.00	-70.00	0.00039	-70.00	-70.00	0.00040
-60.00	-70.00	0.00040	-50.00	-70.00	0.00038
-40.00	-70.00	0.00035	-30.00	-70.00	0.00030
-25.00	-70.00	0.00028	-20.00	-70.00	0.00026
-17.00	-70.00	0.00024	-15.00	-70.00	0.00024
-13.00	-70.00	0.00023	-11.00	-70.00	0.00022

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-9.00	-70.00	0.00022	9.00	-70.00	0.00018
11.00	-70.00	0.00017	13.00	-70.00	0.00017
15.00	-70.00	0.00017	17.00	-70.00	0.00017

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

10:05:15
 **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	0.00017	25.00	-70.00	0.00016
30.00	-70.00	0.00016	40.00	-70.00	0.00015
50.00	-70.00	0.00014	60.00	-70.00	0.00013
70.00	-70.00	0.00012	80.00	-70.00	0.00012
90.00	-70.00	0.00011	100.00	-70.00	0.00010
-100.00	-60.00	0.00031	-90.00	-60.00	0.00032
-80.00	-60.00	0.00033	-70.00	-60.00	0.00034
-60.00	-60.00	0.00033	-50.00	-60.00	0.00031
-40.00	-60.00	0.00027	-30.00	-60.00	0.00024
-25.00	-60.00	0.00022	-20.00	-60.00	0.00021
-17.00	-60.00	0.00020	-15.00	-60.00	0.00019
-13.00	-60.00	0.00019	-11.00	-60.00	0.00018
-9.00	-60.00	0.00018	9.00	-60.00	0.00015
11.00	-60.00	0.00015	13.00	-60.00	0.00015
15.00	-60.00	0.00014	17.00	-60.00	0.00014
20.00	-60.00	0.00014	25.00	-60.00	0.00014
30.00	-60.00	0.00014	40.00	-60.00	0.00013
50.00	-60.00	0.00012	60.00	-60.00	0.00012
70.00	-60.00	0.00011	80.00	-60.00	0.00010
90.00	-60.00	0.00010	100.00	-60.00	0.00009
-100.00	-50.00	0.00028	-90.00	-50.00	0.00028
-80.00	-50.00	0.00029	-70.00	-50.00	0.00028
-60.00	-50.00	0.00027	-50.00	-50.00	0.00025
-40.00	-50.00	0.00022	-30.00	-50.00	0.00019
-25.00	-50.00	0.00018	-20.00	-50.00	0.00017
-17.00	-50.00	0.00017	-15.00	-50.00	0.00016
-13.00	-50.00	0.00016	-11.00	-50.00	0.00015
-9.00	-50.00	0.00015	9.00	-50.00	0.00013
11.00	-50.00	0.00013	13.00	-50.00	0.00012
15.00	-50.00	0.00012	17.00	-50.00	0.00012
20.00	-50.00	0.00012	25.00	-50.00	0.00012

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

30.00	-50.00	0.00012	40.00	-50.00	0.00011
50.00	-50.00	0.00011	60.00	-50.00	0.00010
70.00	-50.00	0.00010	80.00	-50.00	0.00009
90.00	-50.00	0.00009	100.00	-50.00	0.00008
-100.00	-40.00	0.00024	-90.00	-40.00	0.00025
-80.00	-40.00	0.00025	-70.00	-40.00	0.00024
-60.00	-40.00	0.00023	-50.00	-40.00	0.00020
-40.00	-40.00	0.00018	-30.00	-40.00	0.00016
-25.00	-40.00	0.00015	-20.00	-40.00	0.00015

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

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

10:05:15
 **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	0.00014	-15.00	-40.00	0.00014
-13.00	-40.00	0.00013	-11.00	-40.00	0.00013
-9.00	-40.00	0.00013	9.00	-40.00	0.00011
11.00	-40.00	0.00011	13.00	-40.00	0.00011
15.00	-40.00	0.00011	17.00	-40.00	0.00011
20.00	-40.00	0.00011	25.00	-40.00	0.00010
30.00	-40.00	0.00010	40.00	-40.00	0.00010
50.00	-40.00	0.00009	60.00	-40.00	0.00009
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	-30.00	0.00022	-90.00	-30.00	0.00022
-80.00	-30.00	0.00021	-70.00	-30.00	0.00020
-60.00	-30.00	0.00019	-50.00	-30.00	0.00017
-40.00	-30.00	0.00015	-30.00	-30.00	0.00014
-25.00	-30.00	0.00013	-20.00	-30.00	0.00013
-17.00	-30.00	0.00012	-15.00	-30.00	0.00012
-13.00	-30.00	0.00012	-11.00	-30.00	0.00011
-9.00	-30.00	0.00011	9.00	-30.00	0.00010
11.00	-30.00	0.00009	13.00	-30.00	0.00009
15.00	-30.00	0.00009	17.00	-30.00	0.00009
20.00	-30.00	0.00009	25.00	-30.00	0.00009
30.00	-30.00	0.00009	40.00	-30.00	0.00009
50.00	-30.00	0.00008	60.00	-30.00	0.00008
70.00	-30.00	0.00008	80.00	-30.00	0.00007
90.00	-30.00	0.00007	100.00	-30.00	0.00007

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

10:05:15
 **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	0.00017	-90.00	-10.00	0.00017
-80.00	-10.00	0.00016	-70.00	-10.00	0.00015
-60.00	-10.00	0.00014	-50.00	-10.00	0.00012
-40.00	-10.00	0.00011	-30.00	-10.00	0.00010
-25.00	-10.00	0.00010	-20.00	-10.00	0.00010
-17.00	-10.00	0.00009	-15.00	-10.00	0.00009
-13.00	-10.00	0.00009	-11.00	-10.00	0.00009
-9.00	-10.00	0.00008	9.00	-10.00	0.00007
11.00	-10.00	0.00007	13.00	-10.00	0.00007
15.00	-10.00	0.00007	17.00	-10.00	0.00007
20.00	-10.00	0.00007	25.00	-10.00	0.00007
30.00	-10.00	0.00007	40.00	-10.00	0.00007
50.00	-10.00	0.00007	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	0.00006
-100.00	0.00	0.00015	-90.00	0.00	0.00015
-80.00	0.00	0.00014	-70.00	0.00	0.00013
-60.00	0.00	0.00012	-50.00	0.00	0.00011
-40.00	0.00	0.00010	-30.00	0.00	0.00009

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-25.00	0.00	0.00009	-20.00	0.00	0.00008
-17.00	0.00	0.00008	-15.00	0.00	0.00008
-13.00	0.00	0.00008	-11.00	0.00	0.00008
-9.00	0.00	0.00008	9.00	0.00	0.00007
11.00	0.00	0.00007	13.00	0.00	0.00007
15.00	0.00	0.00007	17.00	0.00	0.00007
20.00	0.00	0.00007	25.00	0.00	0.00006
30.00	0.00	0.00006	40.00	0.00	0.00006
50.00	0.00	0.00006	60.00	0.00	0.00006
70.00	0.00	0.00006	80.00	0.00	0.00005
90.00	0.00	0.00005	100.00	0.00	0.00005
-100.00	10.00	0.00013	-90.00	10.00	0.00013
-80.00	10.00	0.00012	-70.00	10.00	0.00011
-60.00	10.00	0.00010	-50.00	10.00	0.00009
-40.00	10.00	0.00009	-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

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

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

10:05:15

**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	0.00006	25.00	10.00	0.00006
30.00	10.00	0.00006	40.00	10.00	0.00006
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	0.00005
-100.00	20.00	0.00012	-90.00	20.00	0.00011
-80.00	20.00	0.00010	-70.00	20.00	0.00010
-60.00	20.00	0.00009	-50.00	20.00	0.00008
-40.00	20.00	0.00008	-30.00	20.00	0.00007
-25.00	20.00	0.00007	-20.00	20.00	0.00007
-17.00	20.00	0.00007	-15.00	20.00	0.00006
-13.00	20.00	0.00006	-11.00	20.00	0.00006
-9.00	20.00	0.00006	9.00	20.00	0.00005

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

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

10:05:15
 **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	0.00005	-15.00	40.00	0.00005
-13.00	40.00	0.00005	-11.00	40.00	0.00005
-9.00	40.00	0.00005	9.00	40.00	0.00005
11.00	40.00	0.00005	13.00	40.00	0.00004
15.00	40.00	0.00004	17.00	40.00	0.00004
20.00	40.00	0.00004	25.00	40.00	0.00004
30.00	40.00	0.00004	40.00	40.00	0.00004

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

10:05:15
 **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	0.00007	-90.00	70.00	0.00006

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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

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

*** NCRA Cumulative DPM Impacts

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

10:05:15

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00003	25.00	90.00	0.00003
30.00	90.00	0.00003	40.00	90.00	0.00003
50.00	90.00	0.00003	60.00	90.00	0.00003
70.00	90.00	0.00003	80.00	90.00	0.00003
90.00	90.00	0.00003	100.00	90.00	0.00003
-100.00	100.00	0.00005	-90.00	100.00	0.00005
-80.00	100.00	0.00004	-70.00	100.00	0.00004
-60.00	100.00	0.00004	-50.00	100.00	0.00004
-40.00	100.00	0.00004	-30.00	100.00	0.00003
-25.00	100.00	0.00003	-20.00	100.00	0.00003
-17.00	100.00	0.00003	-15.00	100.00	0.00003
-13.00	100.00	0.00003	-11.00	100.00	0.00003
-9.00	100.00	0.00003	9.00	100.00	0.00003
11.00	100.00	0.00003	13.00	100.00	0.00003
15.00	100.00	0.00003	17.00	100.00	0.00003
20.00	100.00	0.00003	25.00	100.00	0.00003
30.00	100.00	0.00003	40.00	100.00	0.00003
50.00	100.00	0.00003	60.00	100.00	0.00003
70.00	100.00	0.00003	80.00	100.00	0.00003
90.00	100.00	0.00002	100.00	100.00	0.00002
-100.00	110.00	0.00005	-90.00	110.00	0.00004
-80.00	110.00	0.00004	-70.00	110.00	0.00004
-60.00	110.00	0.00004	-50.00	110.00	0.00004
-40.00	110.00	0.00003	-30.00	110.00	0.00003
-25.00	110.00	0.00003	-20.00	110.00	0.00003
-17.00	110.00	0.00003	-15.00	110.00	0.00003
-13.00	110.00	0.00003	-11.00	110.00	0.00003
-9.00	110.00	0.00003	9.00	110.00	0.00003
11.00	110.00	0.00003	13.00	110.00	0.00003
15.00	110.00	0.00003	17.00	110.00	0.00003
20.00	110.00	0.00003	25.00	110.00	0.00003
30.00	110.00	0.00003	40.00	110.00	0.00003
50.00	110.00	0.00003	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	0.00004	-90.00	120.00	0.00004
-80.00	120.00	0.00004	-70.00	120.00	0.00004
-60.00	120.00	0.00003	-50.00	120.00	0.00003
-40.00	120.00	0.00003	-30.00	120.00	0.00003

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-25.00 120.00 0.00003 -20.00 120.00 0.00003

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

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

10:05:15

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

03NCRA_PL93-300_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

10:05:15

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00003	-90.00	150.00	0.00003
-80.00	150.00	0.00003	-70.00	150.00	0.00003
-60.00	150.00	0.00003	-50.00	150.00	0.00003
-40.00	150.00	0.00003	-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	0.00002
30.00	150.00	0.00002	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	0.00003	-90.00	160.00	0.00003
-80.00	160.00	0.00003	-70.00	160.00	0.00003
-60.00	160.00	0.00003	-50.00	160.00	0.00003
-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	0.00002
11.00	160.00	0.00002	13.00	160.00	0.00002
15.00	160.00	0.00002	17.00	160.00	0.00002
20.00	160.00	0.00002	25.00	160.00	0.00002
30.00	160.00	0.00002	40.00	160.00	0.00002

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

50.00	160.00	0.00002	60.00	160.00	0.00002
70.00	160.00	0.00002	80.00	160.00	0.00002
90.00	160.00	0.00002	100.00	160.00	0.00002
-100.00	170.00	0.00003	-90.00	170.00	0.00003
-80.00	170.00	0.00003	-70.00	170.00	0.00003
-60.00	170.00	0.00003	-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	0.00002	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 ***

10:05:15

**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	0.00002	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	0.00002	80.00	170.00	0.00002
90.00	170.00	0.00002	100.00	170.00	0.00002
-100.00	180.00	0.00003	-90.00	180.00	0.00003
-80.00	180.00	0.00003	-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	0.00002
-17.00	180.00	0.00002	-15.00	180.00	0.00002
-13.00	180.00	0.00002	-11.00	180.00	0.00002
-9.00	180.00	0.00002	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
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	0.00002

03NCRA_PL93-300_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	0.00002
-25.00	190.00	0.00002	-20.00	190.00	0.00002
-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	0.00001
-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	0.00002	-30.00	200.00	0.00002
-25.00	200.00	0.00002	-20.00	200.00	0.00002

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

10:05:15 *** Maximum train overlap at North/South Bound Direction ***
 **MODELOPTs:
 PAGE 120
 CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00002	-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	0.00001	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	0.00002
-40.00	210.00	0.00002	-30.00	210.00	0.00002
-25.00	210.00	0.00002	-20.00	210.00	0.00002

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-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	0.00001	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	0.00002	-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	0.00001
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 ***

10:05:15
 **MODELOPTs:
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00002	-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	0.00001	-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

03NCRA_PL93-300_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	0.00002	-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	0.00001
-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	0.00002	-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	0.00001	-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 ***

10:05:15
 **MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00001	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

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

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 ***

10:05:15
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00059	-90.00	-250.00	0.00065
-80.00	-250.00	0.00072	-70.00	-250.00	0.00080
-60.00	-250.00	0.00090	-50.00	-250.00	0.00101
-40.00	-250.00	0.00116	-30.00	-250.00	0.00135
-25.00	-250.00	0.00146	-20.00	-250.00	0.00158
-17.00	-250.00	0.00166	-15.00	-250.00	0.00171
-13.00	-250.00	0.00177	-11.00	-250.00	0.00183
-9.00	-250.00	0.00191	9.00	-250.00	0.00280
11.00	-250.00	0.00295	13.00	-250.00	0.00311
15.00	-250.00	0.00326	17.00	-250.00	0.00342
20.00	-250.00	0.00364	25.00	-250.00	0.00395
30.00	-250.00	0.00418	40.00	-250.00	0.00438
50.00	-250.00	0.00432	60.00	-250.00	0.00412
70.00	-250.00	0.00387	80.00	-250.00	0.00361
90.00	-250.00	0.00336	100.00	-250.00	0.00314
-100.00	-240.00	0.00063	-90.00	-240.00	0.00069
-80.00	-240.00	0.00076	-70.00	-240.00	0.00085
-60.00	-240.00	0.00096	-50.00	-240.00	0.00109
-40.00	-240.00	0.00124	-30.00	-240.00	0.00145
-25.00	-240.00	0.00157	-20.00	-240.00	0.00172
-17.00	-240.00	0.00182	-15.00	-240.00	0.00190
-13.00	-240.00	0.00198	-11.00	-240.00	0.00206
-9.00	-240.00	0.00215	9.00	-240.00	0.00370
11.00	-240.00	0.00398	13.00	-240.00	0.00424
15.00	-240.00	0.00450	17.00	-240.00	0.00472
20.00	-240.00	0.00500	25.00	-240.00	0.00530
30.00	-240.00	0.00542	40.00	-240.00	0.00530
50.00	-240.00	0.00498	60.00	-240.00	0.00460
70.00	-240.00	0.00423	80.00	-240.00	0.00389
90.00	-240.00	0.00359	100.00	-240.00	0.00331
-100.00	-230.00	0.00067	-90.00	-230.00	0.00074
-80.00	-230.00	0.00082	-70.00	-230.00	0.00092

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-60.00	-230.00	0.00104	-50.00	-230.00	0.00118
-40.00	-230.00	0.00136	-30.00	-230.00	0.00157
-25.00	-230.00	0.00171	-20.00	-230.00	0.00187
-17.00	-230.00	0.00198	-15.00	-230.00	0.00207
-13.00	-230.00	0.00217	-11.00	-230.00	0.00228
-9.00	-230.00	0.00242	9.00	-230.00	0.00578
11.00	-230.00	0.00611	13.00	-230.00	0.00635
15.00	-230.00	0.00652	17.00	-230.00	0.00663

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

10:05:15
 **MODELOPTs:
 PAGE 124

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00671	25.00	-230.00	0.00669
30.00	-230.00	0.00654	40.00	-230.00	0.00605
50.00	-230.00	0.00551	60.00	-230.00	0.00499
70.00	-230.00	0.00453	80.00	-230.00	0.00412
90.00	-230.00	0.00377	100.00	-230.00	0.00346
-100.00	-220.00	0.00072	-90.00	-220.00	0.00081
-80.00	-220.00	0.00090	-70.00	-220.00	0.00102
-60.00	-220.00	0.00116	-50.00	-220.00	0.00133
-40.00	-220.00	0.00154	-30.00	-220.00	0.00181
-25.00	-220.00	0.00198	-20.00	-220.00	0.00219
-17.00	-220.00	0.00234	-15.00	-220.00	0.00245
-13.00	-220.00	0.00259	-11.00	-220.00	0.00276
-9.00	-220.00	0.00299	9.00	-220.00	0.00752
11.00	-220.00	0.00760	13.00	-220.00	0.00766
15.00	-220.00	0.00770	17.00	-220.00	0.00770
20.00	-220.00	0.00765	25.00	-220.00	0.00746
30.00	-220.00	0.00718	40.00	-220.00	0.00651
50.00	-220.00	0.00585	60.00	-220.00	0.00525
70.00	-220.00	0.00473	80.00	-220.00	0.00428
90.00	-220.00	0.00390	100.00	-220.00	0.00357
-100.00	-210.00	0.00079	-90.00	-210.00	0.00088
-80.00	-210.00	0.00099	-70.00	-210.00	0.00113
-60.00	-210.00	0.00130	-50.00	-210.00	0.00152
-40.00	-210.00	0.00179	-30.00	-210.00	0.00215
-25.00	-210.00	0.00238	-20.00	-210.00	0.00266
-17.00	-210.00	0.00286	-15.00	-210.00	0.00302

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00319	-11.00	-210.00	0.00339
-9.00	-210.00	0.00363	9.00	-210.00	0.00780
11.00	-210.00	0.00788	13.00	-210.00	0.00794
15.00	-210.00	0.00797	17.00	-210.00	0.00798
20.00	-210.00	0.00793	25.00	-210.00	0.00773
30.00	-210.00	0.00743	40.00	-210.00	0.00673
50.00	-210.00	0.00603	60.00	-210.00	0.00540
70.00	-210.00	0.00486	80.00	-210.00	0.00439
90.00	-210.00	0.00399	100.00	-210.00	0.00364
-100.00	-200.00	0.00086	-90.00	-200.00	0.00096
-80.00	-200.00	0.00109	-70.00	-200.00	0.00126
-60.00	-200.00	0.00146	-50.00	-200.00	0.00172
-40.00	-200.00	0.00205	-30.00	-200.00	0.00248
-25.00	-200.00	0.00275	-20.00	-200.00	0.00306

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

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

10:05:15

**MODELOPTs:
 PAGE 125

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00327	-15.00	-200.00	0.00342
-13.00	-200.00	0.00359	-11.00	-200.00	0.00377
-9.00	-200.00	0.00397	9.00	-200.00	0.00797
11.00	-200.00	0.00804	13.00	-200.00	0.00810
15.00	-200.00	0.00813	17.00	-200.00	0.00813
20.00	-200.00	0.00807	25.00	-200.00	0.00785
30.00	-200.00	0.00756	40.00	-200.00	0.00685
50.00	-200.00	0.00614	60.00	-200.00	0.00549
70.00	-200.00	0.00494	80.00	-200.00	0.00446
90.00	-200.00	0.00405	100.00	-200.00	0.00370
-100.00	-190.00	0.00092	-90.00	-190.00	0.00105
-80.00	-190.00	0.00119	-70.00	-190.00	0.00138
-60.00	-190.00	0.00161	-50.00	-190.00	0.00190
-40.00	-190.00	0.00227	-30.00	-190.00	0.00274
-25.00	-190.00	0.00302	-20.00	-190.00	0.00333
-17.00	-190.00	0.00353	-15.00	-190.00	0.00367
-13.00	-190.00	0.00381	-11.00	-190.00	0.00397
-9.00	-190.00	0.00416	9.00	-190.00	0.00807
11.00	-190.00	0.00814	13.00	-190.00	0.00820
15.00	-190.00	0.00823	17.00	-190.00	0.00822

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00816	25.00	-190.00	0.00794
30.00	-190.00	0.00763	40.00	-190.00	0.00691
50.00	-190.00	0.00620	60.00	-190.00	0.00555
70.00	-190.00	0.00499	80.00	-190.00	0.00450
90.00	-190.00	0.00409	100.00	-190.00	0.00373
-100.00	-180.00	0.00099	-90.00	-180.00	0.00113
-80.00	-180.00	0.00129	-70.00	-180.00	0.00150
-60.00	-180.00	0.00175	-50.00	-180.00	0.00206
-40.00	-180.00	0.00245	-30.00	-180.00	0.00293
-25.00	-180.00	0.00321	-20.00	-180.00	0.00350
-17.00	-180.00	0.00368	-15.00	-180.00	0.00381
-13.00	-180.00	0.00395	-11.00	-180.00	0.00410
-9.00	-180.00	0.00427	9.00	-180.00	0.00814
11.00	-180.00	0.00821	13.00	-180.00	0.00826
15.00	-180.00	0.00829	17.00	-180.00	0.00829
20.00	-180.00	0.00823	25.00	-180.00	0.00801
30.00	-180.00	0.00769	40.00	-180.00	0.00696
50.00	-180.00	0.00624	60.00	-180.00	0.00559
70.00	-180.00	0.00502	80.00	-180.00	0.00454
90.00	-180.00	0.00412	100.00	-180.00	0.00376

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

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

10:05:15
 **MODELOPTS:
 PAGE 126

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00106	-90.00	-170.00	0.00120
-80.00	-170.00	0.00138	-70.00	-170.00	0.00160
-60.00	-170.00	0.00186	-50.00	-170.00	0.00219
-40.00	-170.00	0.00259	-30.00	-170.00	0.00307
-25.00	-170.00	0.00333	-20.00	-170.00	0.00361
-17.00	-170.00	0.00378	-15.00	-170.00	0.00391
-13.00	-170.00	0.00404	-11.00	-170.00	0.00418
-9.00	-170.00	0.00435	9.00	-170.00	0.00819
11.00	-170.00	0.00826	13.00	-170.00	0.00831
15.00	-170.00	0.00834	17.00	-170.00	0.00834
20.00	-170.00	0.00827	25.00	-170.00	0.00805
30.00	-170.00	0.00773	40.00	-170.00	0.00700
50.00	-170.00	0.00627	60.00	-170.00	0.00561
70.00	-170.00	0.00505	80.00	-170.00	0.00456

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00414	100.00	-170.00	0.00377
-100.00	-160.00	0.00112	-90.00	-160.00	0.00127
-80.00	-160.00	0.00146	-70.00	-160.00	0.00168
-60.00	-160.00	0.00195	-50.00	-160.00	0.00229
-40.00	-160.00	0.00269	-30.00	-160.00	0.00316
-25.00	-160.00	0.00342	-20.00	-160.00	0.00368
-17.00	-160.00	0.00385	-15.00	-160.00	0.00397
-13.00	-160.00	0.00410	-11.00	-160.00	0.00423
-9.00	-160.00	0.00440	9.00	-160.00	0.00823
11.00	-160.00	0.00830	13.00	-160.00	0.00835
15.00	-160.00	0.00838	17.00	-160.00	0.00837
20.00	-160.00	0.00831	25.00	-160.00	0.00808
30.00	-160.00	0.00776	40.00	-160.00	0.00702
50.00	-160.00	0.00629	60.00	-160.00	0.00563
70.00	-160.00	0.00506	80.00	-160.00	0.00457
90.00	-160.00	0.00415	100.00	-160.00	0.00379
-100.00	-150.00	0.00117	-90.00	-150.00	0.00133
-80.00	-150.00	0.00152	-70.00	-150.00	0.00175
-60.00	-150.00	0.00203	-50.00	-150.00	0.00237
-40.00	-150.00	0.00277	-30.00	-150.00	0.00323
-25.00	-150.00	0.00348	-20.00	-150.00	0.00373
-17.00	-150.00	0.00390	-15.00	-150.00	0.00402
-13.00	-150.00	0.00414	-11.00	-150.00	0.00428
-9.00	-150.00	0.00444	9.00	-150.00	0.00826
11.00	-150.00	0.00833	13.00	-150.00	0.00838
15.00	-150.00	0.00840	17.00	-150.00	0.00840

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

10:05:15
 **MODELOPTS:
 PAGE 127
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00833	25.00	-150.00	0.00811
30.00	-150.00	0.00779	40.00	-150.00	0.00704
50.00	-150.00	0.00631	60.00	-150.00	0.00564
70.00	-150.00	0.00507	80.00	-150.00	0.00458
90.00	-150.00	0.00416	100.00	-150.00	0.00379
-100.00	-140.00	0.00122	-90.00	-140.00	0.00138
-80.00	-140.00	0.00158	-70.00	-140.00	0.00181
-60.00	-140.00	0.00209	-50.00	-140.00	0.00243

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00283	-30.00	-140.00	0.00327
-25.00	-140.00	0.00352	-20.00	-140.00	0.00377
-17.00	-140.00	0.00393	-15.00	-140.00	0.00405
-13.00	-140.00	0.00417	-11.00	-140.00	0.00431
-9.00	-140.00	0.00448	9.00	-140.00	0.00829
11.00	-140.00	0.00835	13.00	-140.00	0.00839
15.00	-140.00	0.00842	17.00	-140.00	0.00842
20.00	-140.00	0.00835	25.00	-140.00	0.00812
30.00	-140.00	0.00780	40.00	-140.00	0.00706
50.00	-140.00	0.00632	60.00	-140.00	0.00566
70.00	-140.00	0.00508	80.00	-140.00	0.00458
90.00	-140.00	0.00416	100.00	-140.00	0.00379
-100.00	-130.00	0.00126	-90.00	-130.00	0.00143
-80.00	-130.00	0.00163	-70.00	-130.00	0.00186
-60.00	-130.00	0.00214	-50.00	-130.00	0.00248
-40.00	-130.00	0.00287	-30.00	-130.00	0.00331
-25.00	-130.00	0.00354	-20.00	-130.00	0.00380
-17.00	-130.00	0.00396	-15.00	-130.00	0.00407
-13.00	-130.00	0.00419	-11.00	-130.00	0.00433
-9.00	-130.00	0.00450	9.00	-130.00	0.00829
11.00	-130.00	0.00836	13.00	-130.00	0.00841
15.00	-130.00	0.00844	17.00	-130.00	0.00843
20.00	-130.00	0.00836	25.00	-130.00	0.00813
30.00	-130.00	0.00781	40.00	-130.00	0.00707
50.00	-130.00	0.00633	60.00	-130.00	0.00566
70.00	-130.00	0.00508	80.00	-130.00	0.00459
90.00	-130.00	0.00416	100.00	-130.00	0.00379
-100.00	-120.00	0.00130	-90.00	-120.00	0.00147
-80.00	-120.00	0.00166	-70.00	-120.00	0.00190
-60.00	-120.00	0.00218	-50.00	-120.00	0.00251
-40.00	-120.00	0.00290	-30.00	-120.00	0.00333
-25.00	-120.00	0.00357	-20.00	-120.00	0.00382

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

10:05:15
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00398	-15.00	-120.00	0.00409
-13.00	-120.00	0.00421	-11.00	-120.00	0.00434

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-9.00	-120.00	0.00451	9.00	-120.00	0.00830
11.00	-120.00	0.00837	13.00	-120.00	0.00842
15.00	-120.00	0.00844	17.00	-120.00	0.00844
20.00	-120.00	0.00837	25.00	-120.00	0.00814
30.00	-120.00	0.00782	40.00	-120.00	0.00707
50.00	-120.00	0.00633	60.00	-120.00	0.00567
70.00	-120.00	0.00509	80.00	-120.00	0.00459
90.00	-120.00	0.00416	100.00	-120.00	0.00379
-100.00	-110.00	0.00133	-90.00	-110.00	0.00150
-80.00	-110.00	0.00170	-70.00	-110.00	0.00193
-60.00	-110.00	0.00221	-50.00	-110.00	0.00254
-40.00	-110.00	0.00292	-30.00	-110.00	0.00335
-25.00	-110.00	0.00358	-20.00	-110.00	0.00383
-17.00	-110.00	0.00399	-15.00	-110.00	0.00410
-13.00	-110.00	0.00422	-11.00	-110.00	0.00435
-9.00	-110.00	0.00451	9.00	-110.00	0.00831
11.00	-110.00	0.00837	13.00	-110.00	0.00842
15.00	-110.00	0.00845	17.00	-110.00	0.00844
20.00	-110.00	0.00837	25.00	-110.00	0.00814
30.00	-110.00	0.00782	40.00	-110.00	0.00708
50.00	-110.00	0.00633	60.00	-110.00	0.00567
70.00	-110.00	0.00509	80.00	-110.00	0.00458
90.00	-110.00	0.00415	100.00	-110.00	0.00378
-100.00	-100.00	0.00135	-90.00	-100.00	0.00152
-80.00	-100.00	0.00172	-70.00	-100.00	0.00196
-60.00	-100.00	0.00224	-50.00	-100.00	0.00256
-40.00	-100.00	0.00293	-30.00	-100.00	0.00336
-25.00	-100.00	0.00359	-20.00	-100.00	0.00384
-17.00	-100.00	0.00399	-15.00	-100.00	0.00411
-13.00	-100.00	0.00422	-11.00	-100.00	0.00436
-9.00	-100.00	0.00452	9.00	-100.00	0.00831
11.00	-100.00	0.00837	13.00	-100.00	0.00843
15.00	-100.00	0.00845	17.00	-100.00	0.00844
20.00	-100.00	0.00838	25.00	-100.00	0.00815
30.00	-100.00	0.00782	40.00	-100.00	0.00708
50.00	-100.00	0.00633	60.00	-100.00	0.00566
70.00	-100.00	0.00508	80.00	-100.00	0.00458
90.00	-100.00	0.00415	100.00	-100.00	0.00378

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

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

10:05:15
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00138	-90.00	-90.00	0.00155
-80.00	-90.00	0.00175	-70.00	-90.00	0.00198
-60.00	-90.00	0.00225	-50.00	-90.00	0.00257
-40.00	-90.00	0.00294	-30.00	-90.00	0.00337
-25.00	-90.00	0.00360	-20.00	-90.00	0.00384
-17.00	-90.00	0.00400	-15.00	-90.00	0.00411
-13.00	-90.00	0.00423	-11.00	-90.00	0.00436
-9.00	-90.00	0.00452	9.00	-90.00	0.00831
11.00	-90.00	0.00837	13.00	-90.00	0.00842
15.00	-90.00	0.00845	17.00	-90.00	0.00844
20.00	-90.00	0.00837	25.00	-90.00	0.00815
30.00	-90.00	0.00782	40.00	-90.00	0.00707
50.00	-90.00	0.00633	60.00	-90.00	0.00566
70.00	-90.00	0.00508	80.00	-90.00	0.00457
90.00	-90.00	0.00414	100.00	-90.00	0.00377
-100.00	-80.00	0.00139	-90.00	-80.00	0.00156
-80.00	-80.00	0.00176	-70.00	-80.00	0.00199
-60.00	-80.00	0.00227	-50.00	-80.00	0.00258
-40.00	-80.00	0.00295	-30.00	-80.00	0.00337
-25.00	-80.00	0.00360	-20.00	-80.00	0.00385
-17.00	-80.00	0.00400	-15.00	-80.00	0.00411
-13.00	-80.00	0.00423	-11.00	-80.00	0.00436
-9.00	-80.00	0.00452	9.00	-80.00	0.00831
11.00	-80.00	0.00837	13.00	-80.00	0.00842
15.00	-80.00	0.00845	17.00	-80.00	0.00844
20.00	-80.00	0.00837	25.00	-80.00	0.00814
30.00	-80.00	0.00782	40.00	-80.00	0.00707
50.00	-80.00	0.00632	60.00	-80.00	0.00565
70.00	-80.00	0.00507	80.00	-80.00	0.00456
90.00	-80.00	0.00413	100.00	-80.00	0.00376
-100.00	-70.00	0.00141	-90.00	-70.00	0.00158
-80.00	-70.00	0.00178	-70.00	-70.00	0.00201
-60.00	-70.00	0.00227	-50.00	-70.00	0.00259
-40.00	-70.00	0.00295	-30.00	-70.00	0.00337
-25.00	-70.00	0.00360	-20.00	-70.00	0.00385
-17.00	-70.00	0.00400	-15.00	-70.00	0.00411
-13.00	-70.00	0.00423	-11.00	-70.00	0.00436
-9.00	-70.00	0.00452	9.00	-70.00	0.00830
11.00	-70.00	0.00837	13.00	-70.00	0.00842
15.00	-70.00	0.00845	17.00	-70.00	0.00844

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

*** NCRA Cumulative DPM Impacts

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

10:05:15

**MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00837	25.00	-70.00	0.00814
30.00	-70.00	0.00781	40.00	-70.00	0.00706
50.00	-70.00	0.00632	60.00	-70.00	0.00564
70.00	-70.00	0.00506	80.00	-70.00	0.00455
90.00	-70.00	0.00412	100.00	-70.00	0.00374
-100.00	-60.00	0.00142	-90.00	-60.00	0.00159
-80.00	-60.00	0.00178	-70.00	-60.00	0.00201
-60.00	-60.00	0.00228	-50.00	-60.00	0.00259
-40.00	-60.00	0.00295	-30.00	-60.00	0.00337
-25.00	-60.00	0.00360	-20.00	-60.00	0.00384
-17.00	-60.00	0.00400	-15.00	-60.00	0.00411
-13.00	-60.00	0.00423	-11.00	-60.00	0.00436
-9.00	-60.00	0.00451	9.00	-60.00	0.00830
11.00	-60.00	0.00836	13.00	-60.00	0.00841
15.00	-60.00	0.00844	17.00	-60.00	0.00843
20.00	-60.00	0.00836	25.00	-60.00	0.00813
30.00	-60.00	0.00781	40.00	-60.00	0.00705
50.00	-60.00	0.00631	60.00	-60.00	0.00563
70.00	-60.00	0.00505	80.00	-60.00	0.00454
90.00	-60.00	0.00411	100.00	-60.00	0.00373
-100.00	-50.00	0.00143	-90.00	-50.00	0.00160
-80.00	-50.00	0.00179	-70.00	-50.00	0.00202
-60.00	-50.00	0.00228	-50.00	-50.00	0.00259
-40.00	-50.00	0.00295	-30.00	-50.00	0.00337
-25.00	-50.00	0.00360	-20.00	-50.00	0.00384
-17.00	-50.00	0.00399	-15.00	-50.00	0.00410
-13.00	-50.00	0.00422	-11.00	-50.00	0.00436
-9.00	-50.00	0.00452	9.00	-50.00	0.00830
11.00	-50.00	0.00836	13.00	-50.00	0.00840
15.00	-50.00	0.00843	17.00	-50.00	0.00842
20.00	-50.00	0.00835	25.00	-50.00	0.00812
30.00	-50.00	0.00780	40.00	-50.00	0.00704
50.00	-50.00	0.00629	60.00	-50.00	0.00562
70.00	-50.00	0.00503	80.00	-50.00	0.00453

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

90.00	-50.00	0.00409	100.00	-50.00	0.00371
-100.00	-40.00	0.00143	-90.00	-40.00	0.00160
-80.00	-40.00	0.00179	-70.00	-40.00	0.00202
-60.00	-40.00	0.00228	-50.00	-40.00	0.00259
-40.00	-40.00	0.00295	-30.00	-40.00	0.00336
-25.00	-40.00	0.00359	-20.00	-40.00	0.00383

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

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

10:05:15
 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00399	-15.00	-40.00	0.00409
-13.00	-40.00	0.00421	-11.00	-40.00	0.00435
-9.00	-40.00	0.00451	9.00	-40.00	0.00828
11.00	-40.00	0.00835	13.00	-40.00	0.00840
15.00	-40.00	0.00842	17.00	-40.00	0.00841
20.00	-40.00	0.00834	25.00	-40.00	0.00811
30.00	-40.00	0.00778	40.00	-40.00	0.00703
50.00	-40.00	0.00628	60.00	-40.00	0.00560
70.00	-40.00	0.00502	80.00	-40.00	0.00451
90.00	-40.00	0.00407	100.00	-40.00	0.00369
-100.00	-30.00	0.00144	-90.00	-30.00	0.00160
-80.00	-30.00	0.00180	-70.00	-30.00	0.00202
-60.00	-30.00	0.00228	-50.00	-30.00	0.00259
-40.00	-30.00	0.00295	-30.00	-30.00	0.00336
-25.00	-30.00	0.00358	-20.00	-30.00	0.00383
-17.00	-30.00	0.00398	-15.00	-30.00	0.00409
-13.00	-30.00	0.00420	-11.00	-30.00	0.00433
-9.00	-30.00	0.00450	9.00	-30.00	0.00827
11.00	-30.00	0.00833	13.00	-30.00	0.00838
15.00	-30.00	0.00840	17.00	-30.00	0.00840
20.00	-30.00	0.00833	25.00	-30.00	0.00809
30.00	-30.00	0.00777	40.00	-30.00	0.00701
50.00	-30.00	0.00626	60.00	-30.00	0.00559
70.00	-30.00	0.00500	80.00	-30.00	0.00449
90.00	-30.00	0.00405	100.00	-30.00	0.00367
-100.00	-20.00	0.00144	-90.00	-20.00	0.00160
-80.00	-20.00	0.00179	-70.00	-20.00	0.00202
-60.00	-20.00	0.00228	-50.00	-20.00	0.00258

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-40.00	-20.00	0.00294	-30.00	-20.00	0.00335
-25.00	-20.00	0.00358	-20.00	-20.00	0.00381
-17.00	-20.00	0.00397	-15.00	-20.00	0.00408
-13.00	-20.00	0.00419	-11.00	-20.00	0.00432
-9.00	-20.00	0.00448	9.00	-20.00	0.00825
11.00	-20.00	0.00831	13.00	-20.00	0.00837
15.00	-20.00	0.00839	17.00	-20.00	0.00838
20.00	-20.00	0.00831	25.00	-20.00	0.00808
30.00	-20.00	0.00775	40.00	-20.00	0.00700
50.00	-20.00	0.00625	60.00	-20.00	0.00557
70.00	-20.00	0.00498	80.00	-20.00	0.00446
90.00	-20.00	0.00402	100.00	-20.00	0.00364

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

10:05:15
 **MODELOPTs:
 PAGE 132

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00144	-90.00	-10.00	0.00160
-80.00	-10.00	0.00179	-70.00	-10.00	0.00201
-60.00	-10.00	0.00227	-50.00	-10.00	0.00258
-40.00	-10.00	0.00293	-30.00	-10.00	0.00334
-25.00	-10.00	0.00356	-20.00	-10.00	0.00380
-17.00	-10.00	0.00395	-15.00	-10.00	0.00406
-13.00	-10.00	0.00418	-11.00	-10.00	0.00431
-9.00	-10.00	0.00446	9.00	-10.00	0.00824
11.00	-10.00	0.00830	13.00	-10.00	0.00835
15.00	-10.00	0.00837	17.00	-10.00	0.00836
20.00	-10.00	0.00830	25.00	-10.00	0.00806
30.00	-10.00	0.00774	40.00	-10.00	0.00698
50.00	-10.00	0.00623	60.00	-10.00	0.00555
70.00	-10.00	0.00495	80.00	-10.00	0.00444
90.00	-10.00	0.00400	100.00	-10.00	0.00361
-100.00	0.00	0.00144	-90.00	0.00	0.00160
-80.00	0.00	0.00179	-70.00	0.00	0.00201
-60.00	0.00	0.00226	-50.00	0.00	0.00257
-40.00	0.00	0.00292	-30.00	0.00	0.00333
-25.00	0.00	0.00355	-20.00	0.00	0.00379
-17.00	0.00	0.00394	-15.00	0.00	0.00405
-13.00	0.00	0.00416	-11.00	0.00	0.00429

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-9.00	0.00	0.00445	9.00	0.00	0.00822
11.00	0.00	0.00828	13.00	0.00	0.00833
15.00	0.00	0.00835	17.00	0.00	0.00834
20.00	0.00	0.00828	25.00	0.00	0.00804
30.00	0.00	0.00772	40.00	0.00	0.00696
50.00	0.00	0.00620	60.00	0.00	0.00552
70.00	0.00	0.00492	80.00	0.00	0.00441
90.00	0.00	0.00397	100.00	0.00	0.00358
-100.00	10.00	0.00144	-90.00	10.00	0.00159
-80.00	10.00	0.00178	-70.00	10.00	0.00200
-60.00	10.00	0.00225	-50.00	10.00	0.00256
-40.00	10.00	0.00291	-30.00	10.00	0.00331
-25.00	10.00	0.00354	-20.00	10.00	0.00377
-17.00	10.00	0.00392	-15.00	10.00	0.00403
-13.00	10.00	0.00415	-11.00	10.00	0.00427
-9.00	10.00	0.00443	9.00	10.00	0.00820
11.00	10.00	0.00826	13.00	10.00	0.00831
15.00	10.00	0.00833	17.00	10.00	0.00833

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

10:05:15
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00825	25.00	10.00	0.00802
30.00	10.00	0.00769	40.00	10.00	0.00693
50.00	10.00	0.00618	60.00	10.00	0.00549
70.00	10.00	0.00489	80.00	10.00	0.00438
90.00	10.00	0.00393	100.00	10.00	0.00355
-100.00	20.00	0.00143	-90.00	20.00	0.00159
-80.00	20.00	0.00177	-70.00	20.00	0.00199
-60.00	20.00	0.00224	-50.00	20.00	0.00254
-40.00	20.00	0.00289	-30.00	20.00	0.00330
-25.00	20.00	0.00352	-20.00	20.00	0.00375
-17.00	20.00	0.00390	-15.00	20.00	0.00401
-13.00	20.00	0.00413	-11.00	20.00	0.00425
-9.00	20.00	0.00441	9.00	20.00	0.00818
11.00	20.00	0.00824	13.00	20.00	0.00829
15.00	20.00	0.00831	17.00	20.00	0.00830
20.00	20.00	0.00823	25.00	20.00	0.00799

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00767	40.00	20.00	0.00690
50.00	20.00	0.00615	60.00	20.00	0.00546
70.00	20.00	0.00486	80.00	20.00	0.00434
90.00	20.00	0.00389	100.00	20.00	0.00351
-100.00	30.00	0.00142	-90.00	30.00	0.00158
-80.00	30.00	0.00176	-70.00	30.00	0.00198
-60.00	30.00	0.00223	-50.00	30.00	0.00253
-40.00	30.00	0.00288	-30.00	30.00	0.00328
-25.00	30.00	0.00350	-20.00	30.00	0.00373
-17.00	30.00	0.00388	-15.00	30.00	0.00399
-13.00	30.00	0.00411	-11.00	30.00	0.00423
-9.00	30.00	0.00439	9.00	30.00	0.00816
11.00	30.00	0.00822	13.00	30.00	0.00826
15.00	30.00	0.00829	17.00	30.00	0.00828
20.00	30.00	0.00820	25.00	30.00	0.00797
30.00	30.00	0.00764	40.00	30.00	0.00687
50.00	30.00	0.00611	60.00	30.00	0.00542
70.00	30.00	0.00482	80.00	30.00	0.00430
90.00	30.00	0.00385	100.00	30.00	0.00346
-100.00	40.00	0.00141	-90.00	40.00	0.00157
-80.00	40.00	0.00175	-70.00	40.00	0.00197
-60.00	40.00	0.00222	-50.00	40.00	0.00251
-40.00	40.00	0.00286	-30.00	40.00	0.00326
-25.00	40.00	0.00348	-20.00	40.00	0.00371

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

10:05:15
 **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	0.00386	-15.00	40.00	0.00397
-13.00	40.00	0.00408	-11.00	40.00	0.00421
-9.00	40.00	0.00437	9.00	40.00	0.00813
11.00	40.00	0.00819	13.00	40.00	0.00823
15.00	40.00	0.00825	17.00	40.00	0.00825
20.00	40.00	0.00817	25.00	40.00	0.00794
30.00	40.00	0.00760	40.00	40.00	0.00683
50.00	40.00	0.00607	60.00	40.00	0.00538
70.00	40.00	0.00477	80.00	40.00	0.00425
90.00	40.00	0.00380	100.00	40.00	0.00341

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-100.00	50.00	0.00140	-90.00	50.00	0.00156
-80.00	50.00	0.00174	-70.00	50.00	0.00195
-60.00	50.00	0.00220	-50.00	50.00	0.00250
-40.00	50.00	0.00284	-30.00	50.00	0.00324
-25.00	50.00	0.00345	-20.00	50.00	0.00369
-17.00	50.00	0.00383	-15.00	50.00	0.00394
-13.00	50.00	0.00405	-11.00	50.00	0.00418
-9.00	50.00	0.00434	9.00	50.00	0.00809
11.00	50.00	0.00816	13.00	50.00	0.00820
15.00	50.00	0.00822	17.00	50.00	0.00821
20.00	50.00	0.00814	25.00	50.00	0.00790
30.00	50.00	0.00756	40.00	50.00	0.00679
50.00	50.00	0.00603	60.00	50.00	0.00533
70.00	50.00	0.00472	80.00	50.00	0.00420
90.00	50.00	0.00374	100.00	50.00	0.00335
-100.00	60.00	0.00139	-90.00	60.00	0.00155
-80.00	60.00	0.00173	-70.00	60.00	0.00194
-60.00	60.00	0.00218	-50.00	60.00	0.00248
-40.00	60.00	0.00282	-30.00	60.00	0.00321
-25.00	60.00	0.00343	-20.00	60.00	0.00366
-17.00	60.00	0.00381	-15.00	60.00	0.00391
-13.00	60.00	0.00402	-11.00	60.00	0.00415
-9.00	60.00	0.00431	9.00	60.00	0.00805
11.00	60.00	0.00811	13.00	60.00	0.00816
15.00	60.00	0.00818	17.00	60.00	0.00817
20.00	60.00	0.00810	25.00	60.00	0.00786
30.00	60.00	0.00752	40.00	60.00	0.00675
50.00	60.00	0.00598	60.00	60.00	0.00528
70.00	60.00	0.00467	80.00	60.00	0.00414
90.00	60.00	0.00368	100.00	60.00	0.00329

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

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

10:05:15

**MODELOPTs:
 PAGE 135

CONC URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00138	-90.00	70.00	0.00153
-80.00	70.00	0.00171	-70.00	70.00	0.00192
-60.00	70.00	0.00216	-50.00	70.00	0.00245
-40.00	70.00	0.00279	-30.00	70.00	0.00318

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-25.00	70.00	0.00340	-20.00	70.00	0.00363
-17.00	70.00	0.00377	-15.00	70.00	0.00387
-13.00	70.00	0.00399	-11.00	70.00	0.00411
-9.00	70.00	0.00427	9.00	70.00	0.00801
11.00	70.00	0.00807	13.00	70.00	0.00812
15.00	70.00	0.00814	17.00	70.00	0.00813
20.00	70.00	0.00805	25.00	70.00	0.00781
30.00	70.00	0.00747	40.00	70.00	0.00669
50.00	70.00	0.00592	60.00	70.00	0.00522
70.00	70.00	0.00460	80.00	70.00	0.00407
90.00	70.00	0.00361	100.00	70.00	0.00322
-100.00	80.00	0.00136	-90.00	80.00	0.00151
-80.00	80.00	0.00169	-70.00	80.00	0.00190
-60.00	80.00	0.00214	-50.00	80.00	0.00243
-40.00	80.00	0.00277	-30.00	80.00	0.00315
-25.00	80.00	0.00337	-20.00	80.00	0.00359
-17.00	80.00	0.00373	-15.00	80.00	0.00384
-13.00	80.00	0.00395	-11.00	80.00	0.00407
-9.00	80.00	0.00422	9.00	80.00	0.00796
11.00	80.00	0.00802	13.00	80.00	0.00807
15.00	80.00	0.00809	17.00	80.00	0.00808
20.00	80.00	0.00800	25.00	80.00	0.00776
30.00	80.00	0.00742	40.00	80.00	0.00663
50.00	80.00	0.00585	60.00	80.00	0.00514
70.00	80.00	0.00452	80.00	80.00	0.00399
90.00	80.00	0.00353	100.00	80.00	0.00313
-100.00	90.00	0.00135	-90.00	90.00	0.00150
-80.00	90.00	0.00167	-70.00	90.00	0.00188
-60.00	90.00	0.00212	-50.00	90.00	0.00240
-40.00	90.00	0.00274	-30.00	90.00	0.00312
-25.00	90.00	0.00333	-20.00	90.00	0.00355
-17.00	90.00	0.00369	-15.00	90.00	0.00379
-13.00	90.00	0.00390	-11.00	90.00	0.00403
-9.00	90.00	0.00418	9.00	90.00	0.00791
11.00	90.00	0.00797	13.00	90.00	0.00801
15.00	90.00	0.00803	17.00	90.00	0.00802

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

10:05:15
 **MODELOPTs:
 PAGE 136

CONC URBAN FLAT FLGPOL DFAULT

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

03NCRA PL93-300 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	0.00794	25.00	90.00	0.00770
30.00	90.00	0.00735	40.00	90.00	0.00656
50.00	90.00	0.00577	60.00	90.00	0.00506
70.00	90.00	0.00443	80.00	90.00	0.00390
90.00	90.00	0.00343	100.00	90.00	0.00304
-100.00	100.00	0.00133	-90.00	100.00	0.00148
-80.00	100.00	0.00165	-70.00	100.00	0.00185
-60.00	100.00	0.00209	-50.00	100.00	0.00237
-40.00	100.00	0.00270	-30.00	100.00	0.00308
-25.00	100.00	0.00329	-20.00	100.00	0.00350
-17.00	100.00	0.00365	-15.00	100.00	0.00375
-13.00	100.00	0.00385	-11.00	100.00	0.00398
-9.00	100.00	0.00413	9.00	100.00	0.00785
11.00	100.00	0.00791	13.00	100.00	0.00795
15.00	100.00	0.00797	17.00	100.00	0.00795
20.00	100.00	0.00787	25.00	100.00	0.00762
30.00	100.00	0.00728	40.00	100.00	0.00648
50.00	100.00	0.00568	60.00	100.00	0.00496
70.00	100.00	0.00433	80.00	100.00	0.00379
90.00	100.00	0.00333	100.00	100.00	0.00293
-100.00	110.00	0.00131	-90.00	110.00	0.00145
-80.00	110.00	0.00162	-70.00	110.00	0.00182
-60.00	110.00	0.00206	-50.00	110.00	0.00234
-40.00	110.00	0.00266	-30.00	110.00	0.00304
-25.00	110.00	0.00324	-20.00	110.00	0.00345
-17.00	110.00	0.00359	-15.00	110.00	0.00369
-13.00	110.00	0.00380	-11.00	110.00	0.00392
-9.00	110.00	0.00407	9.00	110.00	0.00778
11.00	110.00	0.00783	13.00	110.00	0.00788
15.00	110.00	0.00790	17.00	110.00	0.00788
20.00	110.00	0.00780	25.00	110.00	0.00754
30.00	110.00	0.00719	40.00	110.00	0.00638
50.00	110.00	0.00557	60.00	110.00	0.00484
70.00	110.00	0.00421	80.00	110.00	0.00367
90.00	110.00	0.00320	100.00	110.00	0.00281
-100.00	120.00	0.00130	-90.00	120.00	0.00143
-80.00	120.00	0.00159	-70.00	120.00	0.00179
-60.00	120.00	0.00202	-50.00	120.00	0.00230
-40.00	120.00	0.00262	-30.00	120.00	0.00299
-25.00	120.00	0.00319	-20.00	120.00	0.00340

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

*** NCRA Cumulative DPM Impacts

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

10:05:15

**MODELOPTs:
PAGE 137

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00353	-15.00	120.00	0.00363
-13.00	120.00	0.00374	-11.00	120.00	0.00386
-9.00	120.00	0.00400	9.00	120.00	0.00770
11.00	120.00	0.00775	13.00	120.00	0.00779
15.00	120.00	0.00781	17.00	120.00	0.00779
20.00	120.00	0.00770	25.00	120.00	0.00744
30.00	120.00	0.00708	40.00	120.00	0.00626
50.00	120.00	0.00544	60.00	120.00	0.00470
70.00	120.00	0.00407	80.00	120.00	0.00352
90.00	120.00	0.00306	100.00	120.00	0.00266
-100.00	130.00	0.00128	-90.00	130.00	0.00141
-80.00	130.00	0.00157	-70.00	130.00	0.00176
-60.00	130.00	0.00199	-50.00	130.00	0.00226
-40.00	130.00	0.00257	-30.00	130.00	0.00293
-25.00	130.00	0.00313	-20.00	130.00	0.00333
-17.00	130.00	0.00347	-15.00	130.00	0.00356
-13.00	130.00	0.00366	-11.00	130.00	0.00378
-9.00	130.00	0.00393	9.00	130.00	0.00761
11.00	130.00	0.00766	13.00	130.00	0.00769
15.00	130.00	0.00770	17.00	130.00	0.00768
20.00	130.00	0.00759	25.00	130.00	0.00732
30.00	130.00	0.00695	40.00	130.00	0.00611
50.00	130.00	0.00528	60.00	130.00	0.00454
70.00	130.00	0.00390	80.00	130.00	0.00335
90.00	130.00	0.00289	100.00	130.00	0.00249
-100.00	140.00	0.00126	-90.00	140.00	0.00139
-80.00	140.00	0.00154	-70.00	140.00	0.00172
-60.00	140.00	0.00194	-50.00	140.00	0.00221
-40.00	140.00	0.00252	-30.00	140.00	0.00287
-25.00	140.00	0.00306	-20.00	140.00	0.00326
-17.00	140.00	0.00339	-15.00	140.00	0.00348
-13.00	140.00	0.00358	-11.00	140.00	0.00369
-9.00	140.00	0.00384	9.00	140.00	0.00748
11.00	140.00	0.00754	13.00	140.00	0.00757
15.00	140.00	0.00758	17.00	140.00	0.00755
20.00	140.00	0.00745	25.00	140.00	0.00717

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

30.00	140.00	0.00679	40.00	140.00	0.00593
50.00	140.00	0.00508	60.00	140.00	0.00433
70.00	140.00	0.00369	80.00	140.00	0.00314
90.00	140.00	0.00268	100.00	140.00	0.00230

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

10:05:15
 **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	0.00124	-90.00	150.00	0.00137
-80.00	150.00	0.00151	-70.00	150.00	0.00169
-60.00	150.00	0.00190	-50.00	150.00	0.00215
-40.00	150.00	0.00246	-30.00	150.00	0.00280
-25.00	150.00	0.00298	-20.00	150.00	0.00318
-17.00	150.00	0.00330	-15.00	150.00	0.00339
-13.00	150.00	0.00348	-11.00	150.00	0.00359
-9.00	150.00	0.00373	9.00	150.00	0.00734
11.00	150.00	0.00739	13.00	150.00	0.00742
15.00	150.00	0.00742	17.00	150.00	0.00739
20.00	150.00	0.00728	25.00	150.00	0.00698
30.00	150.00	0.00659	40.00	150.00	0.00570
50.00	150.00	0.00484	60.00	150.00	0.00409
70.00	150.00	0.00344	80.00	150.00	0.00290
90.00	150.00	0.00245	100.00	150.00	0.00208
-100.00	160.00	0.00122	-90.00	160.00	0.00134
-80.00	160.00	0.00149	-70.00	160.00	0.00165
-60.00	160.00	0.00185	-50.00	160.00	0.00209
-40.00	160.00	0.00238	-30.00	160.00	0.00272
-25.00	160.00	0.00290	-20.00	160.00	0.00308
-17.00	160.00	0.00320	-15.00	160.00	0.00328
-13.00	160.00	0.00337	-11.00	160.00	0.00347
-9.00	160.00	0.00360	9.00	160.00	0.00717
11.00	160.00	0.00720	13.00	160.00	0.00723
15.00	160.00	0.00722	17.00	160.00	0.00718
20.00	160.00	0.00706	25.00	160.00	0.00674
30.00	160.00	0.00633	40.00	160.00	0.00541
50.00	160.00	0.00454	60.00	160.00	0.00377
70.00	160.00	0.00313	80.00	160.00	0.00261
90.00	160.00	0.00218	100.00	160.00	0.00185

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-100.00	170.00	0.00120	-90.00	170.00	0.00132
-80.00	170.00	0.00146	-70.00	170.00	0.00162
-60.00	170.00	0.00181	-50.00	170.00	0.00203
-40.00	170.00	0.00230	-30.00	170.00	0.00262
-25.00	170.00	0.00279	-20.00	170.00	0.00297
-17.00	170.00	0.00308	-15.00	170.00	0.00316
-13.00	170.00	0.00324	-11.00	170.00	0.00334
-9.00	170.00	0.00346	9.00	170.00	0.00695
11.00	170.00	0.00698	13.00	170.00	0.00699
15.00	170.00	0.00697	17.00	170.00	0.00692

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

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

10:05:15
 **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	0.00678	25.00	170.00	0.00643
30.00	170.00	0.00598	40.00	170.00	0.00503
50.00	170.00	0.00414	60.00	170.00	0.00338
70.00	170.00	0.00276	80.00	170.00	0.00228
90.00	170.00	0.00190	100.00	170.00	0.00160
-100.00	180.00	0.00117	-90.00	180.00	0.00129
-80.00	180.00	0.00142	-70.00	180.00	0.00158
-60.00	180.00	0.00176	-50.00	180.00	0.00198
-40.00	180.00	0.00222	-30.00	180.00	0.00252
-25.00	180.00	0.00268	-20.00	180.00	0.00284
-17.00	180.00	0.00294	-15.00	180.00	0.00301
-13.00	180.00	0.00309	-11.00	180.00	0.00318
-9.00	180.00	0.00329	9.00	180.00	0.00667
11.00	180.00	0.00668	13.00	180.00	0.00667
15.00	180.00	0.00663	17.00	180.00	0.00656
20.00	180.00	0.00639	25.00	180.00	0.00599
30.00	180.00	0.00552	40.00	180.00	0.00453
50.00	180.00	0.00363	60.00	180.00	0.00290
70.00	180.00	0.00234	80.00	180.00	0.00192
90.00	180.00	0.00160	100.00	180.00	0.00136
-100.00	190.00	0.00114	-90.00	190.00	0.00125
-80.00	190.00	0.00138	-70.00	190.00	0.00154
-60.00	190.00	0.00171	-50.00	190.00	0.00192
-40.00	190.00	0.00215	-30.00	190.00	0.00240

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

-25.00	190.00	0.00255	-20.00	190.00	0.00270
-17.00	190.00	0.00279	-15.00	190.00	0.00285
-13.00	190.00	0.00292	-11.00	190.00	0.00300
-9.00	190.00	0.00310	9.00	190.00	0.00630
11.00	190.00	0.00628	13.00	190.00	0.00624
15.00	190.00	0.00616	17.00	190.00	0.00606
20.00	190.00	0.00584	25.00	190.00	0.00538
30.00	190.00	0.00486	40.00	190.00	0.00384
50.00	190.00	0.00299	60.00	190.00	0.00236
70.00	190.00	0.00190	80.00	190.00	0.00157
90.00	190.00	0.00132	100.00	190.00	0.00112
-100.00	200.00	0.00111	-90.00	200.00	0.00122
-80.00	200.00	0.00134	-70.00	200.00	0.00149
-60.00	200.00	0.00166	-50.00	200.00	0.00185
-40.00	200.00	0.00207	-30.00	200.00	0.00230
-25.00	200.00	0.00241	-20.00	200.00	0.00254

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00261	-15.00	200.00	0.00267
-13.00	200.00	0.00273	-11.00	200.00	0.00279
-9.00	200.00	0.00288	9.00	200.00	0.00577
11.00	200.00	0.00568	13.00	200.00	0.00558
15.00	200.00	0.00545	17.00	200.00	0.00529
20.00	200.00	0.00500	25.00	200.00	0.00446
30.00	200.00	0.00390	40.00	200.00	0.00296
50.00	200.00	0.00228	60.00	200.00	0.00181
70.00	200.00	0.00148	80.00	200.00	0.00124
90.00	200.00	0.00105	100.00	200.00	0.00091
-100.00	210.00	0.00108	-90.00	210.00	0.00118
-80.00	210.00	0.00129	-70.00	210.00	0.00143
-60.00	210.00	0.00159	-50.00	210.00	0.00177
-40.00	210.00	0.00198	-30.00	210.00	0.00219
-25.00	210.00	0.00230	-20.00	210.00	0.00239
-17.00	210.00	0.00244	-15.00	210.00	0.00248
-13.00	210.00	0.00252	-11.00	210.00	0.00256
-9.00	210.00	0.00263	9.00	210.00	0.00487

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

11.00	210.00	0.00465	13.00	210.00	0.00444
15.00	210.00	0.00421	17.00	210.00	0.00398
20.00	210.00	0.00363	25.00	210.00	0.00310
30.00	210.00	0.00266	40.00	210.00	0.00203
50.00	210.00	0.00161	60.00	210.00	0.00132
70.00	210.00	0.00111	80.00	210.00	0.00095
90.00	210.00	0.00083	100.00	210.00	0.00073
-100.00	220.00	0.00103	-90.00	220.00	0.00112
-80.00	220.00	0.00123	-70.00	220.00	0.00136
-60.00	220.00	0.00150	-50.00	220.00	0.00167
-40.00	220.00	0.00186	-30.00	220.00	0.00206
-25.00	220.00	0.00216	-20.00	220.00	0.00224
-17.00	220.00	0.00228	-15.00	220.00	0.00230
-13.00	220.00	0.00232	-11.00	220.00	0.00234
-9.00	220.00	0.00237	9.00	220.00	0.00280
11.00	220.00	0.00252	13.00	220.00	0.00233
15.00	220.00	0.00218	17.00	220.00	0.00207
20.00	220.00	0.00192	25.00	220.00	0.00171
30.00	220.00	0.00154	40.00	220.00	0.00127
50.00	220.00	0.00108	60.00	220.00	0.00093
70.00	220.00	0.00081	80.00	220.00	0.00072
90.00	220.00	0.00064	100.00	220.00	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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 MODELOPTs: * 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
-100.00	230.00	0.00097	-90.00	230.00	0.00105
-80.00	230.00	0.00115	-70.00	230.00	0.00126
-60.00	230.00	0.00138	-50.00	230.00	0.00152
-40.00	230.00	0.00167	-30.00	230.00	0.00182
-25.00	230.00	0.00188	-20.00	230.00	0.00192
-17.00	230.00	0.00192	-15.00	230.00	0.00191
-13.00	230.00	0.00189	-11.00	230.00	0.00186
-9.00	230.00	0.00179	9.00	230.00	0.00103
11.00	230.00	0.00102	13.00	230.00	0.00101
15.00	230.00	0.00100	17.00	230.00	0.00099
20.00	230.00	0.00097	25.00	230.00	0.00093
30.00	230.00	0.00089	40.00	230.00	0.00081

03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00073	60.00	230.00	0.00066
70.00	230.00	0.00060	80.00	230.00	0.00055
90.00	230.00	0.00050	100.00	230.00	0.00046
-100.00	240.00	0.00091	-90.00	240.00	0.00097
-80.00	240.00	0.00105	-70.00	240.00	0.00114
-60.00	240.00	0.00123	-50.00	240.00	0.00133
-40.00	240.00	0.00142	-30.00	240.00	0.00148
-25.00	240.00	0.00147	-20.00	240.00	0.00144
-17.00	240.00	0.00139	-15.00	240.00	0.00135
-13.00	240.00	0.00129	-11.00	240.00	0.00122
-9.00	240.00	0.00114	9.00	240.00	0.00074
11.00	240.00	0.00074	13.00	240.00	0.00073
15.00	240.00	0.00072	17.00	240.00	0.00070
20.00	240.00	0.00069	25.00	240.00	0.00065
30.00	240.00	0.00063	40.00	240.00	0.00058
50.00	240.00	0.00054	60.00	240.00	0.00050
70.00	240.00	0.00047	80.00	240.00	0.00043
90.00	240.00	0.00040	100.00	240.00	0.00038
-100.00	250.00	0.00083	-90.00	250.00	0.00089
-80.00	250.00	0.00095	-70.00	250.00	0.00101
-60.00	250.00	0.00107	-50.00	250.00	0.00113
-40.00	250.00	0.00116	-30.00	250.00	0.00114
-25.00	250.00	0.00110	-20.00	250.00	0.00104
-17.00	250.00	0.00098	-15.00	250.00	0.00093
-13.00	250.00	0.00089	-11.00	250.00	0.00084
-9.00	250.00	0.00079	9.00	250.00	0.00057
11.00	250.00	0.00057	13.00	250.00	0.00056
15.00	250.00	0.00056	17.00	250.00	0.00055

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
20.00	250.00	0.00054	25.00	250.00	0.00052
30.00	250.00	0.00050	40.00	250.00	0.00046
50.00	250.00	0.00043	60.00	250.00	0.00040
70.00	250.00	0.00038	80.00	250.00	0.00036
90.00	250.00	0.00034	100.00	250.00	0.00032

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 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	0.00671 AT (15.00, 150.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00670 AT (13.00, 150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00670 AT (17.00, 150.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00668 AT (15.00, 160.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00668 AT (13.00, 160.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00666 AT (11.00, 150.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00665 AT (11.00, 160.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00664 AT (17.00, 160.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00661 AT (9.00, 150.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00661 AT (20.00, 150.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00671 AT (15.00, 60.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00670 AT (13.00, 60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00670 AT (17.00, 60.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00668 AT (15.00, 70.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00668 AT (13.00, 70.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00666 AT (11.00, 60.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00665 AT (11.00, 70.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00664 AT (17.00, 70.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00661 AT (9.00, 60.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00661 AT (20.00, 60.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00671 AT (15.00, -30.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00670 AT (13.00, -30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00670 AT (17.00, -30.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00668 AT (15.00, -20.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00668 AT (13.00, -20.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00666 AT (11.00, -30.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00665 AT (11.00, -20.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00664 AT (17.00, -20.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00661 AT (9.00, -30.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00661 AT (20.00, -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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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00671 AT (15.00, -120.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00670 AT (13.00, -120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00670 AT (17.00, -120.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00668 AT (15.00, -110.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00668 AT (13.00, -110.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00666 AT (11.00, -120.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00665 AT (11.00, -110.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00664 AT (17.00, -110.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00661 AT (9.00, -120.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00661 AT (20.00, -120.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00671 AT (15.00, -210.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00670 AT (13.00, -210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00670 AT (17.00, -210.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00668 AT (15.00, -200.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00668 AT (13.00, -200.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00666 AT (11.00, -210.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00665 AT (11.00, -200.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00664 AT (17.00, -200.00, 0.00, 1.20)	DC	NA

		03NCRA_PL93-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00661	AT (	9.00,	-210.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00661	AT (	20.00,	-210.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00845	AT (	15.00,	-100.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00845	AT (	15.00,	-110.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00845	AT (	15.00,	-90.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00845	AT (	15.00,	-80.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00845	AT (	15.00,	-70.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00844	AT (	15.00,	-120.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00844	AT (	17.00,	-110.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00844	AT (	17.00,	-100.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00844	AT (	17.00,	-80.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00844	AT (	17.00,	-90.00,	0.00,	1.20)	DC	NA

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

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

04/20/08

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

10:05:15

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

 *** ISCST3 Finishes Successfully ***
