

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 10:11:24

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Petaluma\04NCRA_PL94-300_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
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RE DISCCART	80.0	-250.0	1.2
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RE DISCCART	-80.0	-240.0	1.2
RE DISCCART	-70.0	-240.0	1.2
RE DISCCART	-60.0	-240.0	1.2
RE DISCCART	-50.0	-240.0	1.2
RE DISCCART	-40.0	-240.0	1.2
RE DISCCART	-30.0	-240.0	1.2
RE DISCCART	-25.0	-240.0	1.2
RE DISCCART	-20.0	-240.0	1.2
RE DISCCART	-17.0	-240.0	1.2
RE DISCCART	-15.0	-240.0	1.2
RE DISCCART	-13.0	-240.0	1.2

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

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

RE DISCCART	-15.0	-210.0	1.2
RE DISCCART	-13.0	-210.0	1.2
RE DISCCART	-11.0	-210.0	1.2
RE DISCCART	-9.0	-210.0	1.2
RE DISCCART	9.0	-210.0	1.2
RE DISCCART	11.0	-210.0	1.2
RE DISCCART	13.0	-210.0	1.2
RE DISCCART	15.0	-210.0	1.2
RE DISCCART	17.0	-210.0	1.2
RE DISCCART	20.0	-210.0	1.2
RE DISCCART	25.0	-210.0	1.2
RE DISCCART	30.0	-210.0	1.2
RE DISCCART	40.0	-210.0	1.2
RE DISCCART	50.0	-210.0	1.2
RE DISCCART	60.0	-210.0	1.2
RE DISCCART	70.0	-210.0	1.2
RE DISCCART	80.0	-210.0	1.2
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RE DISCCART	-50.0	-200.0	1.2
RE DISCCART	-40.0	-200.0	1.2
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RE DISCCART	-9.0	-200.0	1.2
RE DISCCART	9.0	-200.0	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
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RE DISCCART	80.0	-200.0	1.2
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RE DISCCART	-100.0	-190.0	1.2
RE DISCCART	-90.0	-190.0	1.2
RE DISCCART	-80.0	-190.0	1.2
RE DISCCART	-70.0	-190.0	1.2
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RE DISCCART	-25.0	-190.0	1.2
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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
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RE DISCCART	-90.0	-180.0	1.2
RE DISCCART	-80.0	-180.0	1.2
RE DISCCART	-70.0	-180.0	1.2
RE DISCCART	-60.0	-180.0	1.2
RE DISCCART	-50.0	-180.0	1.2
RE DISCCART	-40.0	-180.0	1.2
RE DISCCART	-30.0	-180.0	1.2
RE DISCCART	-25.0	-180.0	1.2

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

RE DISCCART	40.0	-170.0	1.2
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	-100.0	-160.0	1.2
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RE DISCCART	-50.0	-160.0	1.2
RE DISCCART	-40.0	-160.0	1.2
RE DISCCART	-30.0	-160.0	1.2
RE DISCCART	-25.0	-160.0	1.2
RE DISCCART	-20.0	-160.0	1.2
RE DISCCART	-17.0	-160.0	1.2
RE DISCCART	-15.0	-160.0	1.2
RE DISCCART	-13.0	-160.0	1.2
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RE DISCCART	25.0	-160.0	1.2
RE DISCCART	30.0	-160.0	1.2
RE DISCCART	40.0	-160.0	1.2
RE DISCCART	50.0	-160.0	1.2
RE DISCCART	60.0	-160.0	1.2
RE DISCCART	70.0	-160.0	1.2
RE DISCCART	80.0	-160.0	1.2
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RE DISCCART	-70.0	-150.0	1.2
RE DISCCART	-60.0	-150.0	1.2
RE DISCCART	-50.0	-150.0	1.2
RE DISCCART	-40.0	-150.0	1.2

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

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

RE DISCCART	9.0	170.0	1.2
RE DISCCART	11.0	170.0	1.2
RE DISCCART	13.0	170.0	1.2
RE DISCCART	15.0	170.0	1.2
RE DISCCART	17.0	170.0	1.2
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RE DISCCART	40.0	170.0	1.2
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RE DISCCART	60.0	170.0	1.2
RE DISCCART	70.0	170.0	1.2
RE DISCCART	80.0	170.0	1.2
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RE DISCCART	-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
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RE DISCCART	-9.0	190.0	1.2
RE DISCCART	9.0	190.0	1.2
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RE DISCCART	60.0	190.0	1.2
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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
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RE DISCCART	50.0	200.0	1.2
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RE DISCCART	100.0	200.0	1.2
RE DISCCART	-100.0	210.0	1.2
RE DISCCART	-90.0	210.0	1.2
RE DISCCART	-80.0	210.0	1.2
RE DISCCART	-70.0	210.0	1.2
RE DISCCART	-60.0	210.0	1.2
RE DISCCART	-50.0	210.0	1.2
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RE DISCCART	-30.0	210.0	1.2
RE DISCCART	-25.0	210.0	1.2
RE DISCCART	-20.0	210.0	1.2
RE DISCCART	-17.0	210.0	1.2
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RE DISCCART	11.0	210.0	1.2
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RE DISCCART	60.0	210.0	1.2
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RE DISCCART	-25.0	220.0	1.2
RE DISCCART	-20.0	220.0	1.2
RE DISCCART	-17.0	220.0	1.2
RE DISCCART	-15.0	220.0	1.2
RE DISCCART	-13.0	220.0	1.2
RE DISCCART	-11.0	220.0	1.2
RE DISCCART	-9.0	220.0	1.2
RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
RE DISCCART	13.0	220.0	1.2
RE DISCCART	15.0	220.0	1.2
RE DISCCART	17.0	220.0	1.2
RE DISCCART	20.0	220.0	1.2
RE DISCCART	25.0	220.0	1.2
RE DISCCART	30.0	220.0	1.2
RE DISCCART	40.0	220.0	1.2
RE DISCCART	50.0	220.0	1.2
RE DISCCART	60.0	220.0	1.2
RE DISCCART	70.0	220.0	1.2
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
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RE DISCCART	30.0	230.0	1.2
RE DISCCART	40.0	230.0	1.2
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RE DISCCART	60.0	230.0	1.2
RE DISCCART	70.0	230.0	1.2
RE DISCCART	80.0	230.0	1.2
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RE DISCCART	100.0	230.0	1.2
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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\PET94300.ASC"
ME ANEMHGHT 10 METERS
ME SURFDATA 9901 1994
ME UAIRDATA 9901 1994
ME STARTEND 1994 01 01 1 1994 12 31 24
ME FINISHED

OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\04NCRA_PL94-300_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 ***

10:11:25

**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\04NCRA~2.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\04NCRA-2.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at North/South Bound Direction ***
10:11:25
**MODELOPTs:
PAGE 2
CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE, NUMBER PART., EMISSION RATE (GRAMS/SEC /METER**2), COORD (SW CORNER) X Y (METERS), BASE ELEV. (METERS), RELEASE HEIGHT (METERS), X-DIM OF AREA (METERS), Y-DIM OF AREA (METERS), ORIENT. OF AREA (DEG.), INIT. SZ (METERS). Rows include NCRA_S1 through NCRA_S5.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at North/South Bound Direction ***
10:11:25
**MODELOPTs:
PAGE 3
CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at North/South Bound Direction ***
10:11:25
**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);

04NCRA_PL94-300_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);

*** 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);

04NCRA_PL94-300_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 ***

10:11:25

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

04NCRA_PL94-300_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 ***

10:11:25
 **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);

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

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

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

*** NCRA Cumulative DPM Impacts

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

10:11:25

**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);

04NCRA_PL94-300_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 ***

10:11:25
 **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);

04NCRA_PL94-300_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

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**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

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

04NCRA_PL94-300_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);

04NCRA_PL94-300_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 ***

10:11:25
**MODELOPTs:
PAGE 11
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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);

04NCRA_PL94-300_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);

04NCRA_PL94-300_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 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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

10:11:25

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

04NCRA_PL94-300_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 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

10:11:25
 **MODELOPTs:
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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);

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

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

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

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

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 **MODELOPTs:
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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);

04NCRA_PL94-300_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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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);

04NCRA_PL94-300_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 ***

10:11:25

**MODELOPTs:

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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);

04NCRA_PL94-300_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 ***

10:11:25
 **MODELOPTs:
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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);

04NCRA_PL94-300_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 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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

10:11:25

**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);

04NCRA_PL94-300_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 ***

10:11:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

04NCRA_PL94-300_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 ***

10:11:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

04NCRA_PL94-300_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)
94	01	01	01	274.0	1.00	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	280.0	1.00	276.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	295.0	1.00	277.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	329.0	1.00	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	307.0	1.52	277.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	301.0	2.91	278.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	305.0	3.31	278.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	295.0	3.49	279.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	284.0	3.31	279.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	283.0	3.53	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	284.0	3.67	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	285.0	3.40	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	290.0	2.46	283.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	280.0	1.00	283.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	317.0	1.07	283.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	313.0	2.01	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	309.0	2.73	282.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	325.0	2.55	281.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	324.0	2.50	281.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	326.0	2.68	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	323.0	2.86	280.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	324.0	2.68	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	322.0	2.91	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	330.0	2.73	280.5	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 ***

10:11:25
**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	0.00004	-90.00	-250.00	0.00004
-80.00	-250.00	0.00004	-70.00	-250.00	0.00005
-60.00	-250.00	0.00005	-50.00	-250.00	0.00005
-40.00	-250.00	0.00006	-30.00	-250.00	0.00006
-25.00	-250.00	0.00006	-20.00	-250.00	0.00006
-17.00	-250.00	0.00006	-15.00	-250.00	0.00007
-13.00	-250.00	0.00007	-11.00	-250.00	0.00007
-9.00	-250.00	0.00007	9.00	-250.00	0.00008
11.00	-250.00	0.00008	13.00	-250.00	0.00008
15.00	-250.00	0.00008	17.00	-250.00	0.00008
20.00	-250.00	0.00008	25.00	-250.00	0.00008
30.00	-250.00	0.00008	40.00	-250.00	0.00009
50.00	-250.00	0.00009	60.00	-250.00	0.00009
70.00	-250.00	0.00009	80.00	-250.00	0.00010
90.00	-250.00	0.00010	100.00	-250.00	0.00010
-100.00	-240.00	0.00004	-90.00	-240.00	0.00004
-80.00	-240.00	0.00005	-70.00	-240.00	0.00005

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

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

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

10:11:25
 **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	0.00009	25.00	-230.00	0.00009
30.00	-230.00	0.00009	40.00	-230.00	0.00010
50.00	-230.00	0.00010	60.00	-230.00	0.00010
70.00	-230.00	0.00010	80.00	-230.00	0.00011
90.00	-230.00	0.00011	100.00	-230.00	0.00011
-100.00	-220.00	0.00004	-90.00	-220.00	0.00005
-80.00	-220.00	0.00005	-70.00	-220.00	0.00005
-60.00	-220.00	0.00005	-50.00	-220.00	0.00006
-40.00	-220.00	0.00006	-30.00	-220.00	0.00007
-25.00	-220.00	0.00007	-20.00	-220.00	0.00007
-17.00	-220.00	0.00007	-15.00	-220.00	0.00007

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

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

10:11:25
 **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	0.00010
11.00	-200.00	0.00010	13.00	-200.00	0.00010
15.00	-200.00	0.00010	17.00	-200.00	0.00010

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 10:11:25
 **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 **

04NCRA_PL94-300_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	0.00006	-70.00	-170.00	0.00006
-60.00	-170.00	0.00007	-50.00	-170.00	0.00007
-40.00	-170.00	0.00008	-30.00	-170.00	0.00008
-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	0.00010
-9.00	-170.00	0.00010	9.00	-170.00	0.00011
11.00	-170.00	0.00011	13.00	-170.00	0.00011
15.00	-170.00	0.00012	17.00	-170.00	0.00012
20.00	-170.00	0.00012	25.00	-170.00	0.00012
30.00	-170.00	0.00013	40.00	-170.00	0.00013
50.00	-170.00	0.00014	60.00	-170.00	0.00014
70.00	-170.00	0.00014	80.00	-170.00	0.00015
90.00	-170.00	0.00015	100.00	-170.00	0.00016
-100.00	-160.00	0.00006	-90.00	-160.00	0.00006
-80.00	-160.00	0.00006	-70.00	-160.00	0.00006
-60.00	-160.00	0.00007	-50.00	-160.00	0.00007
-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	0.00010	-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	0.00012
11.00	-160.00	0.00012	13.00	-160.00	0.00012
15.00	-160.00	0.00012	17.00	-160.00	0.00012
20.00	-160.00	0.00013	25.00	-160.00	0.00013
30.00	-160.00	0.00013	40.00	-160.00	0.00014
50.00	-160.00	0.00014	60.00	-160.00	0.00015
70.00	-160.00	0.00015	80.00	-160.00	0.00016
90.00	-160.00	0.00016	100.00	-160.00	0.00017
-100.00	-150.00	0.00006	-90.00	-150.00	0.00006
-80.00	-150.00	0.00006	-70.00	-150.00	0.00007
-60.00	-150.00	0.00007	-50.00	-150.00	0.00008
-40.00	-150.00	0.00008	-30.00	-150.00	0.00009
-25.00	-150.00	0.00009	-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	0.00011
-9.00	-150.00	0.00011	9.00	-150.00	0.00012
11.00	-150.00	0.00013	13.00	-150.00	0.00013
15.00	-150.00	0.00013	17.00	-150.00	0.00013

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

*** NCRA Cumulative DPM Impacts

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

10:11:25

**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	0.00013	25.00	-150.00	0.00014
30.00	-150.00	0.00014	40.00	-150.00	0.00015
50.00	-150.00	0.00015	60.00	-150.00	0.00016
70.00	-150.00	0.00016	80.00	-150.00	0.00017
90.00	-150.00	0.00017	100.00	-150.00	0.00018
-100.00	-140.00	0.00006	-90.00	-140.00	0.00007
-80.00	-140.00	0.00007	-70.00	-140.00	0.00007
-60.00	-140.00	0.00007	-50.00	-140.00	0.00008
-40.00	-140.00	0.00009	-30.00	-140.00	0.00009
-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	0.00013
11.00	-140.00	0.00013	13.00	-140.00	0.00014
15.00	-140.00	0.00014	17.00	-140.00	0.00014
20.00	-140.00	0.00014	25.00	-140.00	0.00015
30.00	-140.00	0.00015	40.00	-140.00	0.00016
50.00	-140.00	0.00016	60.00	-140.00	0.00017
70.00	-140.00	0.00017	80.00	-140.00	0.00018
90.00	-140.00	0.00018	100.00	-140.00	0.00019
-100.00	-130.00	0.00007	-90.00	-130.00	0.00007
-80.00	-130.00	0.00007	-70.00	-130.00	0.00007
-60.00	-130.00	0.00008	-50.00	-130.00	0.00008
-40.00	-130.00	0.00009	-30.00	-130.00	0.00010
-25.00	-130.00	0.00010	-20.00	-130.00	0.00011
-17.00	-130.00	0.00011	-15.00	-130.00	0.00011
-13.00	-130.00	0.00012	-11.00	-130.00	0.00012
-9.00	-130.00	0.00012	9.00	-130.00	0.00014
11.00	-130.00	0.00014	13.00	-130.00	0.00014
15.00	-130.00	0.00015	17.00	-130.00	0.00015
20.00	-130.00	0.00015	25.00	-130.00	0.00016
30.00	-130.00	0.00016	40.00	-130.00	0.00017
50.00	-130.00	0.00017	60.00	-130.00	0.00018
70.00	-130.00	0.00018	80.00	-130.00	0.00019
90.00	-130.00	0.00020	100.00	-130.00	0.00021
-100.00	-120.00	0.00007	-90.00	-120.00	0.00007
-80.00	-120.00	0.00007	-70.00	-120.00	0.00008

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-60.00	-120.00	0.00008	-50.00	-120.00	0.00009
-40.00	-120.00	0.00010	-30.00	-120.00	0.00010
-25.00	-120.00	0.00011	-20.00	-120.00	0.00011

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

10:11:25
 **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	0.00013
-9.00	-120.00	0.00013	9.00	-120.00	0.00015
11.00	-120.00	0.00015	13.00	-120.00	0.00015
15.00	-120.00	0.00016	17.00	-120.00	0.00016
20.00	-120.00	0.00016	25.00	-120.00	0.00017
30.00	-120.00	0.00017	40.00	-120.00	0.00018
50.00	-120.00	0.00018	60.00	-120.00	0.00019
70.00	-120.00	0.00020	80.00	-120.00	0.00020
90.00	-120.00	0.00021	100.00	-120.00	0.00022
-100.00	-110.00	0.00007	-90.00	-110.00	0.00008
-80.00	-110.00	0.00008	-70.00	-110.00	0.00008
-60.00	-110.00	0.00009	-50.00	-110.00	0.00009
-40.00	-110.00	0.00010	-30.00	-110.00	0.00011
-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	0.00014	9.00	-110.00	0.00016
11.00	-110.00	0.00016	13.00	-110.00	0.00016
15.00	-110.00	0.00017	17.00	-110.00	0.00017
20.00	-110.00	0.00017	25.00	-110.00	0.00018
30.00	-110.00	0.00018	40.00	-110.00	0.00019
50.00	-110.00	0.00020	60.00	-110.00	0.00020
70.00	-110.00	0.00021	80.00	-110.00	0.00022
90.00	-110.00	0.00023	100.00	-110.00	0.00024
-100.00	-100.00	0.00008	-90.00	-100.00	0.00008
-80.00	-100.00	0.00008	-70.00	-100.00	0.00009
-60.00	-100.00	0.00009	-50.00	-100.00	0.00010
-40.00	-100.00	0.00011	-30.00	-100.00	0.00012
-25.00	-100.00	0.00012	-20.00	-100.00	0.00013
-17.00	-100.00	0.00013	-15.00	-100.00	0.00014

04NCRA_PL94-300_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	0.00017
11.00	-100.00	0.00017	13.00	-100.00	0.00018
15.00	-100.00	0.00018	17.00	-100.00	0.00018
20.00	-100.00	0.00018	25.00	-100.00	0.00019
30.00	-100.00	0.00020	40.00	-100.00	0.00020
50.00	-100.00	0.00021	60.00	-100.00	0.00022
70.00	-100.00	0.00023	80.00	-100.00	0.00024
90.00	-100.00	0.00025	100.00	-100.00	0.00026

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

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

10:11:25

**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	0.00008	-90.00	-90.00	0.00008
-80.00	-90.00	0.00009	-70.00	-90.00	0.00009
-60.00	-90.00	0.00010	-50.00	-90.00	0.00010
-40.00	-90.00	0.00011	-30.00	-90.00	0.00012
-25.00	-90.00	0.00013	-20.00	-90.00	0.00014
-17.00	-90.00	0.00014	-15.00	-90.00	0.00014
-13.00	-90.00	0.00015	-11.00	-90.00	0.00015
-9.00	-90.00	0.00015	9.00	-90.00	0.00018
11.00	-90.00	0.00019	13.00	-90.00	0.00019
15.00	-90.00	0.00019	17.00	-90.00	0.00019
20.00	-90.00	0.00020	25.00	-90.00	0.00020
30.00	-90.00	0.00021	40.00	-90.00	0.00022
50.00	-90.00	0.00023	60.00	-90.00	0.00024
70.00	-90.00	0.00025	80.00	-90.00	0.00026
90.00	-90.00	0.00027	100.00	-90.00	0.00028
-100.00	-80.00	0.00008	-90.00	-80.00	0.00009
-80.00	-80.00	0.00009	-70.00	-80.00	0.00010
-60.00	-80.00	0.00010	-50.00	-80.00	0.00011
-40.00	-80.00	0.00012	-30.00	-80.00	0.00013
-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	0.00016	-11.00	-80.00	0.00016
-9.00	-80.00	0.00016	9.00	-80.00	0.00020
11.00	-80.00	0.00020	13.00	-80.00	0.00020
15.00	-80.00	0.00021	17.00	-80.00	0.00021

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

20.00	-80.00	0.00021	25.00	-80.00	0.00022
30.00	-80.00	0.00023	40.00	-80.00	0.00024
50.00	-80.00	0.00025	60.00	-80.00	0.00026
70.00	-80.00	0.00027	80.00	-80.00	0.00028
90.00	-80.00	0.00030	100.00	-80.00	0.00031
-100.00	-70.00	0.00009	-90.00	-70.00	0.00009
-80.00	-70.00	0.00010	-70.00	-70.00	0.00010
-60.00	-70.00	0.00011	-50.00	-70.00	0.00011
-40.00	-70.00	0.00012	-30.00	-70.00	0.00014
-25.00	-70.00	0.00015	-20.00	-70.00	0.00015
-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	0.00018	9.00	-70.00	0.00021
11.00	-70.00	0.00022	13.00	-70.00	0.00022
15.00	-70.00	0.00022	17.00	-70.00	0.00023

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

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

10:11:25
 **MODELOPTs:
 PAGE 30
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00023	25.00	-70.00	0.00024
30.00	-70.00	0.00025	40.00	-70.00	0.00026
50.00	-70.00	0.00027	60.00	-70.00	0.00028
70.00	-70.00	0.00029	80.00	-70.00	0.00031
90.00	-70.00	0.00032	100.00	-70.00	0.00034
-100.00	-60.00	0.00009	-90.00	-60.00	0.00010
-80.00	-60.00	0.00010	-70.00	-60.00	0.00011
-60.00	-60.00	0.00011	-50.00	-60.00	0.00012
-40.00	-60.00	0.00013	-30.00	-60.00	0.00015
-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	0.00019	9.00	-60.00	0.00023
11.00	-60.00	0.00023	13.00	-60.00	0.00024
15.00	-60.00	0.00024	17.00	-60.00	0.00025
20.00	-60.00	0.00025	25.00	-60.00	0.00026
30.00	-60.00	0.00027	40.00	-60.00	0.00028
50.00	-60.00	0.00029	60.00	-60.00	0.00030
70.00	-60.00	0.00032	80.00	-60.00	0.00034

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

90.00	-60.00	0.00036	100.00	-60.00	0.00038
-100.00	-50.00	0.00010	-90.00	-50.00	0.00010
-80.00	-50.00	0.00011	-70.00	-50.00	0.00012
-60.00	-50.00	0.00012	-50.00	-50.00	0.00013
-40.00	-50.00	0.00014	-30.00	-50.00	0.00016
-25.00	-50.00	0.00017	-20.00	-50.00	0.00018
-17.00	-50.00	0.00018	-15.00	-50.00	0.00019
-13.00	-50.00	0.00019	-11.00	-50.00	0.00020
-9.00	-50.00	0.00020	9.00	-50.00	0.00025
11.00	-50.00	0.00025	13.00	-50.00	0.00026
15.00	-50.00	0.00026	17.00	-50.00	0.00027
20.00	-50.00	0.00027	25.00	-50.00	0.00028
30.00	-50.00	0.00029	40.00	-50.00	0.00030
50.00	-50.00	0.00032	60.00	-50.00	0.00033
70.00	-50.00	0.00035	80.00	-50.00	0.00037
90.00	-50.00	0.00040	100.00	-50.00	0.00041
-100.00	-40.00	0.00010	-90.00	-40.00	0.00011
-80.00	-40.00	0.00012	-70.00	-40.00	0.00012
-60.00	-40.00	0.00013	-50.00	-40.00	0.00014
-40.00	-40.00	0.00015	-30.00	-40.00	0.00017
-25.00	-40.00	0.00018	-20.00	-40.00	0.00019

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

10:11:25
 **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	0.00022	9.00	-40.00	0.00027
11.00	-40.00	0.00028	13.00	-40.00	0.00028
15.00	-40.00	0.00029	17.00	-40.00	0.00029
20.00	-40.00	0.00030	25.00	-40.00	0.00031
30.00	-40.00	0.00032	40.00	-40.00	0.00033
50.00	-40.00	0.00035	60.00	-40.00	0.00037
70.00	-40.00	0.00039	80.00	-40.00	0.00042
90.00	-40.00	0.00044	100.00	-40.00	0.00046
-100.00	-30.00	0.00011	-90.00	-30.00	0.00012
-80.00	-30.00	0.00013	-70.00	-30.00	0.00013
-60.00	-30.00	0.00014	-50.00	-30.00	0.00015

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00016	-30.00	-30.00	0.00018
-25.00	-30.00	0.00019	-20.00	-30.00	0.00020
-17.00	-30.00	0.00021	-15.00	-30.00	0.00022
-13.00	-30.00	0.00023	-11.00	-30.00	0.00023
-9.00	-30.00	0.00024	9.00	-30.00	0.00030
11.00	-30.00	0.00030	13.00	-30.00	0.00031
15.00	-30.00	0.00032	17.00	-30.00	0.00032
20.00	-30.00	0.00033	25.00	-30.00	0.00034
30.00	-30.00	0.00035	40.00	-30.00	0.00037
50.00	-30.00	0.00039	60.00	-30.00	0.00041
70.00	-30.00	0.00044	80.00	-30.00	0.00046
90.00	-30.00	0.00049	100.00	-30.00	0.00051
-100.00	-20.00	0.00011	-90.00	-20.00	0.00012
-80.00	-20.00	0.00013	-70.00	-20.00	0.00014
-60.00	-20.00	0.00015	-50.00	-20.00	0.00016
-40.00	-20.00	0.00017	-30.00	-20.00	0.00019
-25.00	-20.00	0.00021	-20.00	-20.00	0.00022
-17.00	-20.00	0.00023	-15.00	-20.00	0.00024
-13.00	-20.00	0.00024	-11.00	-20.00	0.00025
-9.00	-20.00	0.00026	9.00	-20.00	0.00033
11.00	-20.00	0.00034	13.00	-20.00	0.00034
15.00	-20.00	0.00035	17.00	-20.00	0.00035
20.00	-20.00	0.00036	25.00	-20.00	0.00037
30.00	-20.00	0.00039	40.00	-20.00	0.00041
50.00	-20.00	0.00043	60.00	-20.00	0.00046
70.00	-20.00	0.00049	80.00	-20.00	0.00052
90.00	-20.00	0.00055	100.00	-20.00	0.00057

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

10:11:25
 **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	0.00012	-90.00	-10.00	0.00013
-80.00	-10.00	0.00014	-70.00	-10.00	0.00015
-60.00	-10.00	0.00016	-50.00	-10.00	0.00017
-40.00	-10.00	0.00019	-30.00	-10.00	0.00021
-25.00	-10.00	0.00022	-20.00	-10.00	0.00024
-17.00	-10.00	0.00025	-15.00	-10.00	0.00026
-13.00	-10.00	0.00027	-11.00	-10.00	0.00027

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00028	9.00	-10.00	0.00036
11.00	-10.00	0.00037	13.00	-10.00	0.00038
15.00	-10.00	0.00039	17.00	-10.00	0.00039
20.00	-10.00	0.00040	25.00	-10.00	0.00042
30.00	-10.00	0.00043	40.00	-10.00	0.00045
50.00	-10.00	0.00048	60.00	-10.00	0.00052
70.00	-10.00	0.00055	80.00	-10.00	0.00059
90.00	-10.00	0.00062	100.00	-10.00	0.00064
-100.00	0.00	0.00013	-90.00	0.00	0.00014
-80.00	0.00	0.00015	-70.00	0.00	0.00016
-60.00	0.00	0.00018	-50.00	0.00	0.00019
-40.00	0.00	0.00020	-30.00	0.00	0.00023
-25.00	0.00	0.00024	-20.00	0.00	0.00026
-17.00	0.00	0.00027	-15.00	0.00	0.00028
-13.00	0.00	0.00029	-11.00	0.00	0.00030
-9.00	0.00	0.00031	9.00	0.00	0.00040
11.00	0.00	0.00041	13.00	0.00	0.00042
15.00	0.00	0.00043	17.00	0.00	0.00044
20.00	0.00	0.00045	25.00	0.00	0.00046
30.00	0.00	0.00048	40.00	0.00	0.00051
50.00	0.00	0.00055	60.00	0.00	0.00059
70.00	0.00	0.00063	80.00	0.00	0.00067
90.00	0.00	0.00070	100.00	0.00	0.00072
-100.00	10.00	0.00013	-90.00	10.00	0.00015
-80.00	10.00	0.00016	-70.00	10.00	0.00018
-60.00	10.00	0.00019	-50.00	10.00	0.00020
-40.00	10.00	0.00022	-30.00	10.00	0.00024
-25.00	10.00	0.00026	-20.00	10.00	0.00028
-17.00	10.00	0.00030	-15.00	10.00	0.00031
-13.00	10.00	0.00032	-11.00	10.00	0.00033
-9.00	10.00	0.00034	9.00	10.00	0.00045
11.00	10.00	0.00046	13.00	10.00	0.00047
15.00	10.00	0.00048	17.00	10.00	0.00049

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

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

10:11:25

**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	0.00050	25.00	10.00	0.00052
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04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00054	40.00	10.00	0.00058
50.00	10.00	0.00062	60.00	10.00	0.00068
70.00	10.00	0.00072	80.00	10.00	0.00077
90.00	10.00	0.00080	100.00	10.00	0.00081
-100.00	20.00	0.00014	-90.00	20.00	0.00016
-80.00	20.00	0.00017	-70.00	20.00	0.00019
-60.00	20.00	0.00021	-50.00	20.00	0.00022
-40.00	20.00	0.00024	-30.00	20.00	0.00027
-25.00	20.00	0.00029	-20.00	20.00	0.00031
-17.00	20.00	0.00033	-15.00	20.00	0.00034
-13.00	20.00	0.00035	-11.00	20.00	0.00036
-9.00	20.00	0.00038	9.00	20.00	0.00051
11.00	20.00	0.00052	13.00	20.00	0.00053
15.00	20.00	0.00055	17.00	20.00	0.00056
20.00	20.00	0.00057	25.00	20.00	0.00059
30.00	20.00	0.00061	40.00	20.00	0.00066
50.00	20.00	0.00072	60.00	20.00	0.00078
70.00	20.00	0.00084	80.00	20.00	0.00088
90.00	20.00	0.00091	100.00	20.00	0.00092
-100.00	30.00	0.00015	-90.00	30.00	0.00016
-80.00	30.00	0.00018	-70.00	30.00	0.00020
-60.00	30.00	0.00022	-50.00	30.00	0.00024
-40.00	30.00	0.00027	-30.00	30.00	0.00029
-25.00	30.00	0.00031	-20.00	30.00	0.00034
-17.00	30.00	0.00036	-15.00	30.00	0.00037
-13.00	30.00	0.00039	-11.00	30.00	0.00040
-9.00	30.00	0.00042	9.00	30.00	0.00058
11.00	30.00	0.00059	13.00	30.00	0.00061
15.00	30.00	0.00062	17.00	30.00	0.00063
20.00	30.00	0.00065	25.00	30.00	0.00068
30.00	30.00	0.00070	40.00	30.00	0.00077
50.00	30.00	0.00084	60.00	30.00	0.00091
70.00	30.00	0.00097	80.00	30.00	0.00101
90.00	30.00	0.00103	100.00	30.00	0.00103
-100.00	40.00	0.00016	-90.00	40.00	0.00018
-80.00	40.00	0.00019	-70.00	40.00	0.00022
-60.00	40.00	0.00024	-50.00	40.00	0.00027
-40.00	40.00	0.00029	-30.00	40.00	0.00033
-25.00	40.00	0.00035	-20.00	40.00	0.00038

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

*** NCRA Cumulative DPM Impacts

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

10:11:25

**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	0.00040	-15.00	40.00	0.00041
-13.00	40.00	0.00043	-11.00	40.00	0.00045
-9.00	40.00	0.00047	9.00	40.00	0.00066
11.00	40.00	0.00068	13.00	40.00	0.00070
15.00	40.00	0.00071	17.00	40.00	0.00073
20.00	40.00	0.00075	25.00	40.00	0.00078
30.00	40.00	0.00082	40.00	40.00	0.00090
50.00	40.00	0.00099	60.00	40.00	0.00108
70.00	40.00	0.00114	80.00	40.00	0.00117
90.00	40.00	0.00118	100.00	40.00	0.00116
-100.00	50.00	0.00017	-90.00	50.00	0.00019
-80.00	50.00	0.00021	-70.00	50.00	0.00023
-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	0.00039	-20.00	50.00	0.00042
-17.00	50.00	0.00044	-15.00	50.00	0.00046
-13.00	50.00	0.00048	-11.00	50.00	0.00050
-9.00	50.00	0.00053	9.00	50.00	0.00077
11.00	50.00	0.00079	13.00	50.00	0.00081
15.00	50.00	0.00083	17.00	50.00	0.00085
20.00	50.00	0.00087	25.00	50.00	0.00092
30.00	50.00	0.00096	40.00	50.00	0.00108
50.00	50.00	0.00119	60.00	50.00	0.00128
70.00	50.00	0.00134	80.00	50.00	0.00135
90.00	50.00	0.00134	100.00	50.00	0.00130
-100.00	60.00	0.00019	-90.00	60.00	0.00020
-80.00	60.00	0.00022	-70.00	60.00	0.00025
-60.00	60.00	0.00028	-50.00	60.00	0.00032
-40.00	60.00	0.00036	-30.00	60.00	0.00040
-25.00	60.00	0.00043	-20.00	60.00	0.00047
-17.00	60.00	0.00050	-15.00	60.00	0.00052
-13.00	60.00	0.00054	-11.00	60.00	0.00057
-9.00	60.00	0.00060	9.00	60.00	0.00090
11.00	60.00	0.00093	13.00	60.00	0.00095
15.00	60.00	0.00097	17.00	60.00	0.00100
20.00	60.00	0.00103	25.00	60.00	0.00109
30.00	60.00	0.00116	40.00	60.00	0.00131
50.00	60.00	0.00144	60.00	60.00	0.00153
70.00	60.00	0.00157	80.00	60.00	0.00156

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

90.00 60.00 0.00152 100.00 60.00 0.00145

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

10:11:25

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00020	-90.00	70.00	0.00022
-80.00	70.00	0.00024	-70.00	70.00	0.00027
-60.00	70.00	0.00031	-50.00	70.00	0.00035
-40.00	70.00	0.00040	-30.00	70.00	0.00045
-25.00	70.00	0.00049	-20.00	70.00	0.00053
-17.00	70.00	0.00056	-15.00	70.00	0.00058
-13.00	70.00	0.00061	-11.00	70.00	0.00064
-9.00	70.00	0.00068	9.00	70.00	0.00107
11.00	70.00	0.00110	13.00	70.00	0.00113
15.00	70.00	0.00116	17.00	70.00	0.00119
20.00	70.00	0.00124	25.00	70.00	0.00133
30.00	70.00	0.00142	40.00	70.00	0.00161
50.00	70.00	0.00176	60.00	70.00	0.00184
70.00	70.00	0.00184	80.00	70.00	0.00180
90.00	70.00	0.00171	100.00	70.00	0.00160
-100.00	80.00	0.00023	-90.00	80.00	0.00025
-80.00	80.00	0.00027	-70.00	80.00	0.00030
-60.00	80.00	0.00033	-50.00	80.00	0.00038
-40.00	80.00	0.00044	-30.00	80.00	0.00051
-25.00	80.00	0.00055	-20.00	80.00	0.00060
-17.00	80.00	0.00063	-15.00	80.00	0.00066
-13.00	80.00	0.00069	-11.00	80.00	0.00073
-9.00	80.00	0.00078	9.00	80.00	0.00128
11.00	80.00	0.00133	13.00	80.00	0.00137
15.00	80.00	0.00141	17.00	80.00	0.00146
20.00	80.00	0.00152	25.00	80.00	0.00165
30.00	80.00	0.00179	40.00	80.00	0.00203
50.00	80.00	0.00217	60.00	80.00	0.00220
70.00	80.00	0.00215	80.00	80.00	0.00205
90.00	80.00	0.00191	100.00	80.00	0.00175
-100.00	90.00	0.00025	-90.00	90.00	0.00027
-80.00	90.00	0.00030	-70.00	90.00	0.00033
-60.00	90.00	0.00037	-50.00	90.00	0.00042

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-40.00	90.00	0.00049	-30.00	90.00	0.00057
-25.00	90.00	0.00062	-20.00	90.00	0.00068
-17.00	90.00	0.00072	-15.00	90.00	0.00075
-13.00	90.00	0.00079	-11.00	90.00	0.00084
-9.00	90.00	0.00089	9.00	90.00	0.00157
11.00	90.00	0.00163	13.00	90.00	0.00169
15.00	90.00	0.00176	17.00	90.00	0.00183

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

10:11:25

**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	0.00193	25.00	90.00	0.00213
30.00	90.00	0.00231	40.00	90.00	0.00257
50.00	90.00	0.00267	60.00	90.00	0.00263
70.00	90.00	0.00249	80.00	90.00	0.00230
90.00	90.00	0.00209	100.00	90.00	0.00188
-100.00	100.00	0.00027	-90.00	100.00	0.00030
-80.00	100.00	0.00033	-70.00	100.00	0.00037
-60.00	100.00	0.00041	-50.00	100.00	0.00047
-40.00	100.00	0.00054	-30.00	100.00	0.00064
-25.00	100.00	0.00070	-20.00	100.00	0.00077
-17.00	100.00	0.00082	-15.00	100.00	0.00086
-13.00	100.00	0.00091	-11.00	100.00	0.00096
-9.00	100.00	0.00103	9.00	100.00	0.00197
11.00	100.00	0.00206	13.00	100.00	0.00216
15.00	100.00	0.00227	17.00	100.00	0.00238
20.00	100.00	0.00256	25.00	100.00	0.00283
30.00	100.00	0.00305	40.00	100.00	0.00328
50.00	100.00	0.00326	60.00	100.00	0.00308
70.00	100.00	0.00282	80.00	100.00	0.00253
90.00	100.00	0.00225	100.00	100.00	0.00199
-100.00	110.00	0.00030	-90.00	110.00	0.00033
-80.00	110.00	0.00037	-70.00	110.00	0.00041
-60.00	110.00	0.00047	-50.00	110.00	0.00053
-40.00	110.00	0.00061	-30.00	110.00	0.00071
-25.00	110.00	0.00078	-20.00	110.00	0.00087
-17.00	110.00	0.00093	-15.00	110.00	0.00098
-13.00	110.00	0.00104	-11.00	110.00	0.00110

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-9.00	110.00	0.00118	9.00	110.00	0.00257
11.00	110.00	0.00274	13.00	110.00	0.00292
15.00	110.00	0.00310	17.00	110.00	0.00328
20.00	110.00	0.00353	25.00	110.00	0.00386
30.00	110.00	0.00406	40.00	110.00	0.00412
50.00	110.00	0.00388	60.00	110.00	0.00350
70.00	110.00	0.00310	80.00	110.00	0.00271
90.00	110.00	0.00236	100.00	110.00	0.00205
-100.00	120.00	0.00032	-90.00	120.00	0.00036
-80.00	120.00	0.00040	-70.00	120.00	0.00046
-60.00	120.00	0.00052	-50.00	120.00	0.00060
-40.00	120.00	0.00070	-30.00	120.00	0.00081
-25.00	120.00	0.00089	-20.00	120.00	0.00098

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

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

10:11:25

**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	0.00105	-15.00	120.00	0.00110
-13.00	120.00	0.00117	-11.00	120.00	0.00125
-9.00	120.00	0.00135	9.00	120.00	0.00364
11.00	120.00	0.00396	13.00	120.00	0.00426
15.00	120.00	0.00454	17.00	120.00	0.00477
20.00	120.00	0.00503	25.00	120.00	0.00527
30.00	120.00	0.00529	40.00	120.00	0.00496
50.00	120.00	0.00442	60.00	120.00	0.00384
70.00	120.00	0.00330	80.00	120.00	0.00282
90.00	120.00	0.00241	100.00	120.00	0.00206
-100.00	130.00	0.00034	-90.00	130.00	0.00039
-80.00	130.00	0.00044	-70.00	130.00	0.00050
-60.00	130.00	0.00058	-50.00	130.00	0.00067
-40.00	130.00	0.00078	-30.00	130.00	0.00093
-25.00	130.00	0.00101	-20.00	130.00	0.00112
-17.00	130.00	0.00120	-15.00	130.00	0.00127
-13.00	130.00	0.00134	-11.00	130.00	0.00144
-9.00	130.00	0.00157	9.00	130.00	0.00599
11.00	130.00	0.00632	13.00	130.00	0.00654
15.00	130.00	0.00668	17.00	130.00	0.00676
20.00	130.00	0.00678	25.00	130.00	0.00663

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

30.00	130.00	0.00634	40.00	130.00	0.00558
50.00	130.00	0.00478	60.00	130.00	0.00403
70.00	130.00	0.00339	80.00	130.00	0.00285
90.00	130.00	0.00240	100.00	130.00	0.00203
-100.00	140.00	0.00037	-90.00	140.00	0.00043
-80.00	140.00	0.00049	-70.00	140.00	0.00056
-60.00	140.00	0.00066	-50.00	140.00	0.00077
-40.00	140.00	0.00091	-30.00	140.00	0.00110
-25.00	140.00	0.00122	-20.00	140.00	0.00137
-17.00	140.00	0.00148	-15.00	140.00	0.00157
-13.00	140.00	0.00169	-11.00	140.00	0.00185
-9.00	140.00	0.00206	9.00	140.00	0.00783
11.00	140.00	0.00787	13.00	140.00	0.00789
15.00	140.00	0.00788	17.00	140.00	0.00783
20.00	140.00	0.00769	25.00	140.00	0.00734
30.00	140.00	0.00688	40.00	140.00	0.00588
50.00	140.00	0.00491	60.00	140.00	0.00406
70.00	140.00	0.00336	80.00	140.00	0.00278
90.00	140.00	0.00231	100.00	140.00	0.00194

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

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

10:11:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00041	-90.00	150.00	0.00047
-80.00	150.00	0.00055	-70.00	150.00	0.00064
-60.00	150.00	0.00076	-50.00	150.00	0.00090
-40.00	150.00	0.00110	-30.00	150.00	0.00136
-25.00	150.00	0.00153	-20.00	150.00	0.00174
-17.00	150.00	0.00191	-15.00	150.00	0.00204
-13.00	150.00	0.00219	-11.00	150.00	0.00237
-9.00	150.00	0.00260	9.00	150.00	0.00793
11.00	150.00	0.00797	13.00	150.00	0.00800
15.00	150.00	0.00800	17.00	150.00	0.00795
20.00	150.00	0.00782	25.00	150.00	0.00743
30.00	150.00	0.00695	40.00	150.00	0.00586
50.00	150.00	0.00482	60.00	150.00	0.00393
70.00	150.00	0.00321	80.00	150.00	0.00263
90.00	150.00	0.00216	100.00	150.00	0.00180

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-100.00	160.00	0.00044	-90.00	160.00	0.00052
-80.00	160.00	0.00061	-70.00	160.00	0.00073
-60.00	160.00	0.00087	-50.00	160.00	0.00105
-40.00	160.00	0.00128	-30.00	160.00	0.00160
-25.00	160.00	0.00180	-20.00	160.00	0.00205
-17.00	160.00	0.00222	-15.00	160.00	0.00235
-13.00	160.00	0.00249	-11.00	160.00	0.00264
-9.00	160.00	0.00283	9.00	160.00	0.00785
11.00	160.00	0.00789	13.00	160.00	0.00791
15.00	160.00	0.00790	17.00	160.00	0.00784
20.00	160.00	0.00768	25.00	160.00	0.00727
30.00	160.00	0.00676	40.00	160.00	0.00562
50.00	160.00	0.00456	60.00	160.00	0.00367
70.00	160.00	0.00296	80.00	160.00	0.00239
90.00	160.00	0.00196	100.00	160.00	0.00162
-100.00	170.00	0.00048	-90.00	170.00	0.00057
-80.00	170.00	0.00067	-70.00	170.00	0.00081
-60.00	170.00	0.00097	-50.00	170.00	0.00118
-40.00	170.00	0.00144	-30.00	170.00	0.00178
-25.00	170.00	0.00199	-20.00	170.00	0.00222
-17.00	170.00	0.00238	-15.00	170.00	0.00248
-13.00	170.00	0.00260	-11.00	170.00	0.00273
-9.00	170.00	0.00289	9.00	170.00	0.00767
11.00	170.00	0.00770	13.00	170.00	0.00771
15.00	170.00	0.00768	17.00	170.00	0.00760

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

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

10:11:25
 **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	0.00742	25.00	170.00	0.00696
30.00	170.00	0.00640	40.00	170.00	0.00521
50.00	170.00	0.00414	60.00	170.00	0.00328
70.00	170.00	0.00261	80.00	170.00	0.00210
90.00	170.00	0.00171	100.00	170.00	0.00142
-100.00	180.00	0.00052	-90.00	180.00	0.00061
-80.00	180.00	0.00072	-70.00	180.00	0.00086
-60.00	180.00	0.00104	-50.00	180.00	0.00127
-40.00	180.00	0.00154	-30.00	180.00	0.00188

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-25.00	180.00	0.00207	-20.00	180.00	0.00228
-17.00	180.00	0.00241	-15.00	180.00	0.00251
-13.00	180.00	0.00261	-11.00	180.00	0.00272
-9.00	180.00	0.00285	9.00	180.00	0.00739
11.00	180.00	0.00739	13.00	180.00	0.00738
15.00	180.00	0.00732	17.00	180.00	0.00722
20.00	180.00	0.00700	25.00	180.00	0.00647
30.00	180.00	0.00585	40.00	180.00	0.00462
50.00	180.00	0.00359	60.00	180.00	0.00280
70.00	180.00	0.00221	80.00	180.00	0.00177
90.00	180.00	0.00145	100.00	180.00	0.00120
-100.00	190.00	0.00054	-90.00	190.00	0.00064
-80.00	190.00	0.00075	-70.00	190.00	0.00090
-60.00	190.00	0.00109	-50.00	190.00	0.00132
-40.00	190.00	0.00160	-30.00	190.00	0.00192
-25.00	190.00	0.00209	-20.00	190.00	0.00227
-17.00	190.00	0.00238	-15.00	190.00	0.00246
-13.00	190.00	0.00254	-11.00	190.00	0.00263
-9.00	190.00	0.00275	9.00	190.00	0.00696
11.00	190.00	0.00693	13.00	190.00	0.00687
15.00	190.00	0.00677	17.00	190.00	0.00663
20.00	190.00	0.00634	25.00	190.00	0.00573
30.00	190.00	0.00507	40.00	190.00	0.00385
50.00	190.00	0.00292	60.00	190.00	0.00226
70.00	190.00	0.00178	80.00	190.00	0.00144
90.00	190.00	0.00118	100.00	190.00	0.00099
-100.00	200.00	0.00056	-90.00	200.00	0.00066
-80.00	200.00	0.00078	-70.00	200.00	0.00092
-60.00	200.00	0.00111	-50.00	200.00	0.00134
-40.00	200.00	0.00161	-30.00	200.00	0.00191
-25.00	200.00	0.00206	-20.00	200.00	0.00221

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

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

10:11:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00230	-15.00	200.00	0.00236
-13.00	200.00	0.00242	-11.00	200.00	0.00250
-9.00	200.00	0.00259	9.00	200.00	0.00632

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11.00	200.00	0.00620	13.00	200.00	0.00607
15.00	200.00	0.00589	17.00	200.00	0.00567
20.00	200.00	0.00530	25.00	200.00	0.00462
30.00	200.00	0.00398	40.00	200.00	0.00292
50.00	200.00	0.00220	60.00	200.00	0.00171
70.00	200.00	0.00136	80.00	200.00	0.00112
90.00	200.00	0.00093	100.00	200.00	0.00079
-100.00	210.00	0.00058	-90.00	210.00	0.00067
-80.00	210.00	0.00079	-70.00	210.00	0.00093
-60.00	210.00	0.00111	-50.00	210.00	0.00132
-40.00	210.00	0.00157	-30.00	210.00	0.00184
-25.00	210.00	0.00197	-20.00	210.00	0.00211
-17.00	210.00	0.00218	-15.00	210.00	0.00223
-13.00	210.00	0.00228	-11.00	210.00	0.00233
-9.00	210.00	0.00240	9.00	210.00	0.00518
11.00	210.00	0.00491	13.00	210.00	0.00464
15.00	210.00	0.00437	17.00	210.00	0.00410
20.00	210.00	0.00371	25.00	210.00	0.00313
30.00	210.00	0.00265	40.00	210.00	0.00196
50.00	210.00	0.00151	60.00	210.00	0.00121
70.00	210.00	0.00099	80.00	210.00	0.00083
90.00	210.00	0.00071	100.00	210.00	0.00062
-100.00	220.00	0.00058	-90.00	220.00	0.00067
-80.00	220.00	0.00078	-70.00	220.00	0.00092
-60.00	220.00	0.00109	-50.00	220.00	0.00128
-40.00	220.00	0.00150	-30.00	220.00	0.00173
-25.00	220.00	0.00184	-20.00	220.00	0.00195
-17.00	220.00	0.00200	-15.00	220.00	0.00204
-13.00	220.00	0.00207	-11.00	220.00	0.00211
-9.00	220.00	0.00215	9.00	220.00	0.00273
11.00	220.00	0.00245	13.00	220.00	0.00226
15.00	220.00	0.00211	17.00	220.00	0.00200
20.00	220.00	0.00185	25.00	220.00	0.00163
30.00	220.00	0.00146	40.00	220.00	0.00118
50.00	220.00	0.00097	60.00	220.00	0.00082
70.00	220.00	0.00070	80.00	220.00	0.00061
90.00	220.00	0.00053	100.00	220.00	0.00047

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

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

10:11:25

**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 ,

04NCRA_PL94-300_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	0.00057	-90.00	230.00	0.00066	
-80.00	230.00	0.00076	-70.00	230.00	0.00088	
-60.00	230.00	0.00103	-50.00	230.00	0.00119	
-40.00	230.00	0.00137	-30.00	230.00	0.00154	
-25.00	230.00	0.00161	-20.00	230.00	0.00167	
-17.00	230.00	0.00169	-15.00	230.00	0.00168	
-13.00	230.00	0.00167	-11.00	230.00	0.00165	
-9.00	230.00	0.00160	9.00	230.00	0.00077	
11.00	230.00	0.00077	13.00	230.00	0.00077	
15.00	230.00	0.00078	17.00	230.00	0.00078	
20.00	230.00	0.00078	25.00	230.00	0.00077	
30.00	230.00	0.00074	40.00	230.00	0.00068	
50.00	230.00	0.00060	60.00	230.00	0.00054	
70.00	230.00	0.00048	80.00	230.00	0.00044	
90.00	230.00	0.00039	100.00	230.00	0.00036	
-100.00	240.00	0.00055	-90.00	240.00	0.00063	
-80.00	240.00	0.00072	-70.00	240.00	0.00082	
-60.00	240.00	0.00093	-50.00	240.00	0.00105	
-40.00	240.00	0.00116	-30.00	240.00	0.00125	
-25.00	240.00	0.00126	-20.00	240.00	0.00124	
-17.00	240.00	0.00120	-15.00	240.00	0.00116	
-13.00	240.00	0.00111	-11.00	240.00	0.00105	
-9.00	240.00	0.00097	9.00	240.00	0.00051	
11.00	240.00	0.00050	13.00	240.00	0.00049	
15.00	240.00	0.00048	17.00	240.00	0.00047	
20.00	240.00	0.00046	25.00	240.00	0.00045	
30.00	240.00	0.00044	40.00	240.00	0.00042	
50.00	240.00	0.00039	60.00	240.00	0.00037	
70.00	240.00	0.00034	80.00	240.00	0.00031	
90.00	240.00	0.00029	100.00	240.00	0.00027	
-100.00	250.00	0.00052	-90.00	250.00	0.00058	
-80.00	250.00	0.00066	-70.00	250.00	0.00073	
-60.00	250.00	0.00081	-50.00	250.00	0.00089	
-40.00	250.00	0.00094	-30.00	250.00	0.00096	
-25.00	250.00	0.00093	-20.00	250.00	0.00087	
-17.00	250.00	0.00082	-15.00	250.00	0.00077	
-13.00	250.00	0.00073	-11.00	250.00	0.00068	
-9.00	250.00	0.00063	9.00	250.00	0.00037	
11.00	250.00	0.00036	13.00	250.00	0.00036	
15.00	250.00	0.00035	17.00	250.00	0.00035	

04/20/08

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

10:11:25

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00034	25.00	250.00	0.00033
30.00	250.00	0.00032	40.00	250.00	0.00030
50.00	250.00	0.00028	60.00	250.00	0.00026
70.00	250.00	0.00025	80.00	250.00	0.00023
90.00	250.00	0.00022	100.00	250.00	0.00021

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

*** NCRA Cumulative DPM Impacts

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

10:11:25

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00006	-90.00	-250.00	0.00006
-80.00	-250.00	0.00006	-70.00	-250.00	0.00006
-60.00	-250.00	0.00007	-50.00	-250.00	0.00007
-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	0.00010	-15.00	-250.00	0.00010
-13.00	-250.00	0.00010	-11.00	-250.00	0.00010
-9.00	-250.00	0.00010	9.00	-250.00	0.00012
11.00	-250.00	0.00012	13.00	-250.00	0.00012
15.00	-250.00	0.00012	17.00	-250.00	0.00012
20.00	-250.00	0.00013	25.00	-250.00	0.00013
30.00	-250.00	0.00013	40.00	-250.00	0.00014
50.00	-250.00	0.00014	60.00	-250.00	0.00015
70.00	-250.00	0.00015	80.00	-250.00	0.00016
90.00	-250.00	0.00016	100.00	-250.00	0.00017
-100.00	-240.00	0.00006	-90.00	-240.00	0.00006
-80.00	-240.00	0.00006	-70.00	-240.00	0.00007
-60.00	-240.00	0.00007	-50.00	-240.00	0.00008
-40.00	-240.00	0.00008	-30.00	-240.00	0.00009
-25.00	-240.00	0.00009	-20.00	-240.00	0.00010

04NCRA_PL94-300_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	0.00011
-9.00	-240.00	0.00011	9.00	-240.00	0.00012
11.00	-240.00	0.00013	13.00	-240.00	0.00013
15.00	-240.00	0.00013	17.00	-240.00	0.00013
20.00	-240.00	0.00013	25.00	-240.00	0.00014
30.00	-240.00	0.00014	40.00	-240.00	0.00015
50.00	-240.00	0.00015	60.00	-240.00	0.00016
70.00	-240.00	0.00016	80.00	-240.00	0.00017
90.00	-240.00	0.00017	100.00	-240.00	0.00018
-100.00	-230.00	0.00006	-90.00	-230.00	0.00007
-80.00	-230.00	0.00007	-70.00	-230.00	0.00007
-60.00	-230.00	0.00007	-50.00	-230.00	0.00008
-40.00	-230.00	0.00009	-30.00	-230.00	0.00009
-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	0.00013
11.00	-230.00	0.00013	13.00	-230.00	0.00014
15.00	-230.00	0.00014	17.00	-230.00	0.00014

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

10:11:25
 **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	0.00014	25.00	-230.00	0.00015
30.00	-230.00	0.00015	40.00	-230.00	0.00016
50.00	-230.00	0.00016	60.00	-230.00	0.00017
70.00	-230.00	0.00017	80.00	-230.00	0.00018
90.00	-230.00	0.00018	100.00	-230.00	0.00019
-100.00	-220.00	0.00007	-90.00	-220.00	0.00007
-80.00	-220.00	0.00007	-70.00	-220.00	0.00007
-60.00	-220.00	0.00008	-50.00	-220.00	0.00008
-40.00	-220.00	0.00009	-30.00	-220.00	0.00010
-25.00	-220.00	0.00010	-20.00	-220.00	0.00011
-17.00	-220.00	0.00011	-15.00	-220.00	0.00011
-13.00	-220.00	0.00012	-11.00	-220.00	0.00012
-9.00	-220.00	0.00012	9.00	-220.00	0.00014
11.00	-220.00	0.00014	13.00	-220.00	0.00014

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

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

10:11:25
 **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	0.00014	9.00	-200.00	0.00016
11.00	-200.00	0.00016	13.00	-200.00	0.00016
15.00	-200.00	0.00017	17.00	-200.00	0.00017
20.00	-200.00	0.00017	25.00	-200.00	0.00018
30.00	-200.00	0.00018	40.00	-200.00	0.00019
50.00	-200.00	0.00020	60.00	-200.00	0.00020

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

70.00	-200.00	0.00021	80.00	-200.00	0.00022
90.00	-200.00	0.00023	100.00	-200.00	0.00024
-100.00	-190.00	0.00008	-90.00	-190.00	0.00008
-80.00	-190.00	0.00008	-70.00	-190.00	0.00009
-60.00	-190.00	0.00009	-50.00	-190.00	0.00010
-40.00	-190.00	0.00011	-30.00	-190.00	0.00012
-25.00	-190.00	0.00012	-20.00	-190.00	0.00013
-17.00	-190.00	0.00013	-15.00	-190.00	0.00014
-13.00	-190.00	0.00014	-11.00	-190.00	0.00014
-9.00	-190.00	0.00014	9.00	-190.00	0.00017
11.00	-190.00	0.00017	13.00	-190.00	0.00018
15.00	-190.00	0.00018	17.00	-190.00	0.00018
20.00	-190.00	0.00018	25.00	-190.00	0.00019
30.00	-190.00	0.00020	40.00	-190.00	0.00020
50.00	-190.00	0.00021	60.00	-190.00	0.00022
70.00	-190.00	0.00023	80.00	-190.00	0.00024
90.00	-190.00	0.00025	100.00	-190.00	0.00026
-100.00	-180.00	0.00008	-90.00	-180.00	0.00008
-80.00	-180.00	0.00009	-70.00	-180.00	0.00009
-60.00	-180.00	0.00010	-50.00	-180.00	0.00010
-40.00	-180.00	0.00011	-30.00	-180.00	0.00012
-25.00	-180.00	0.00013	-20.00	-180.00	0.00014
-17.00	-180.00	0.00014	-15.00	-180.00	0.00014
-13.00	-180.00	0.00015	-11.00	-180.00	0.00015
-9.00	-180.00	0.00015	9.00	-180.00	0.00018
11.00	-180.00	0.00019	13.00	-180.00	0.00019
15.00	-180.00	0.00019	17.00	-180.00	0.00019
20.00	-180.00	0.00020	25.00	-180.00	0.00020
30.00	-180.00	0.00021	40.00	-180.00	0.00022
50.00	-180.00	0.00023	60.00	-180.00	0.00024
70.00	-180.00	0.00025	80.00	-180.00	0.00026
90.00	-180.00	0.00027	100.00	-180.00	0.00028

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

10:11:25
 **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	0.00008	-90.00	-170.00	0.00009
-80.00	-170.00	0.00009	-70.00	-170.00	0.00010

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-60.00	-170.00	0.00010	-50.00	-170.00	0.00011
-40.00	-170.00	0.00012	-30.00	-170.00	0.00013
-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	0.00016	-11.00	-170.00	0.00016
-9.00	-170.00	0.00016	9.00	-170.00	0.00020
11.00	-170.00	0.00020	13.00	-170.00	0.00020
15.00	-170.00	0.00021	17.00	-170.00	0.00021
20.00	-170.00	0.00021	25.00	-170.00	0.00022
30.00	-170.00	0.00023	40.00	-170.00	0.00024
50.00	-170.00	0.00025	60.00	-170.00	0.00026
70.00	-170.00	0.00027	80.00	-170.00	0.00028
90.00	-170.00	0.00030	100.00	-170.00	0.00031
-100.00	-160.00	0.00009	-90.00	-160.00	0.00009
-80.00	-160.00	0.00010	-70.00	-160.00	0.00010
-60.00	-160.00	0.00011	-50.00	-160.00	0.00011
-40.00	-160.00	0.00012	-30.00	-160.00	0.00014
-25.00	-160.00	0.00015	-20.00	-160.00	0.00015
-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	0.00018	9.00	-160.00	0.00021
11.00	-160.00	0.00022	13.00	-160.00	0.00022
15.00	-160.00	0.00022	17.00	-160.00	0.00023
20.00	-160.00	0.00023	25.00	-160.00	0.00024
30.00	-160.00	0.00025	40.00	-160.00	0.00026
50.00	-160.00	0.00027	60.00	-160.00	0.00028
70.00	-160.00	0.00029	80.00	-160.00	0.00031
90.00	-160.00	0.00032	100.00	-160.00	0.00034
-100.00	-150.00	0.00009	-90.00	-150.00	0.00010
-80.00	-150.00	0.00010	-70.00	-150.00	0.00011
-60.00	-150.00	0.00011	-50.00	-150.00	0.00012
-40.00	-150.00	0.00013	-30.00	-150.00	0.00015
-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	0.00019	9.00	-150.00	0.00023
11.00	-150.00	0.00023	13.00	-150.00	0.00024
15.00	-150.00	0.00024	17.00	-150.00	0.00025

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

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

10:11:25
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

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

04NCRA PL94-300_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	0.00025	25.00	-150.00	0.00026	
30.00	-150.00	0.00027	40.00	-150.00	0.00028	
50.00	-150.00	0.00029	60.00	-150.00	0.00030	
70.00	-150.00	0.00032	80.00	-150.00	0.00034	
90.00	-150.00	0.00036	100.00	-150.00	0.00038	
-100.00	-140.00	0.00010	-90.00	-140.00	0.00010	
-80.00	-140.00	0.00011	-70.00	-140.00	0.00012	
-60.00	-140.00	0.00012	-50.00	-140.00	0.00013	
-40.00	-140.00	0.00014	-30.00	-140.00	0.00016	
-25.00	-140.00	0.00017	-20.00	-140.00	0.00018	
-17.00	-140.00	0.00018	-15.00	-140.00	0.00019	
-13.00	-140.00	0.00019	-11.00	-140.00	0.00020	
-9.00	-140.00	0.00020	9.00	-140.00	0.00025	
11.00	-140.00	0.00025	13.00	-140.00	0.00026	
15.00	-140.00	0.00026	17.00	-140.00	0.00027	
20.00	-140.00	0.00027	25.00	-140.00	0.00028	
30.00	-140.00	0.00029	40.00	-140.00	0.00030	
50.00	-140.00	0.00032	60.00	-140.00	0.00033	
70.00	-140.00	0.00035	80.00	-140.00	0.00037	
90.00	-140.00	0.00040	100.00	-140.00	0.00041	
-100.00	-130.00	0.00010	-90.00	-130.00	0.00011	
-80.00	-130.00	0.00012	-70.00	-130.00	0.00012	
-60.00	-130.00	0.00013	-50.00	-130.00	0.00014	
-40.00	-130.00	0.00015	-30.00	-130.00	0.00017	
-25.00	-130.00	0.00018	-20.00	-130.00	0.00019	
-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	0.00022	9.00	-130.00	0.00027	
11.00	-130.00	0.00028	13.00	-130.00	0.00028	
15.00	-130.00	0.00029	17.00	-130.00	0.00029	
20.00	-130.00	0.00030	25.00	-130.00	0.00031	
30.00	-130.00	0.00032	40.00	-130.00	0.00033	
50.00	-130.00	0.00035	60.00	-130.00	0.00037	
70.00	-130.00	0.00039	80.00	-130.00	0.00042	
90.00	-130.00	0.00044	100.00	-130.00	0.00046	
-100.00	-120.00	0.00011	-90.00	-120.00	0.00012	
-80.00	-120.00	0.00013	-70.00	-120.00	0.00013	
-60.00	-120.00	0.00014	-50.00	-120.00	0.00015	
-40.00	-120.00	0.00016	-30.00	-120.00	0.00018	
-25.00	-120.00	0.00019	-20.00	-120.00	0.00020	

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

*** NCRA Cumulative DPM Impacts

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

10:11:25

**MODELOPTs:

PAGE 48

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00021	-15.00	-120.00	0.00022
-13.00	-120.00	0.00023	-11.00	-120.00	0.00023
-9.00	-120.00	0.00024	9.00	-120.00	0.00030
11.00	-120.00	0.00030	13.00	-120.00	0.00031
15.00	-120.00	0.00032	17.00	-120.00	0.00032
20.00	-120.00	0.00033	25.00	-120.00	0.00034
30.00	-120.00	0.00035	40.00	-120.00	0.00037
50.00	-120.00	0.00039	60.00	-120.00	0.00041
70.00	-120.00	0.00044	80.00	-120.00	0.00046
90.00	-120.00	0.00049	100.00	-120.00	0.00051
-100.00	-110.00	0.00011	-90.00	-110.00	0.00012
-80.00	-110.00	0.00013	-70.00	-110.00	0.00014
-60.00	-110.00	0.00015	-50.00	-110.00	0.00016
-40.00	-110.00	0.00017	-30.00	-110.00	0.00019
-25.00	-110.00	0.00021	-20.00	-110.00	0.00022
-17.00	-110.00	0.00023	-15.00	-110.00	0.00024
-13.00	-110.00	0.00024	-11.00	-110.00	0.00025
-9.00	-110.00	0.00026	9.00	-110.00	0.00033
11.00	-110.00	0.00034	13.00	-110.00	0.00034
15.00	-110.00	0.00035	17.00	-110.00	0.00035
20.00	-110.00	0.00036	25.00	-110.00	0.00037
30.00	-110.00	0.00039	40.00	-110.00	0.00041
50.00	-110.00	0.00043	60.00	-110.00	0.00046
70.00	-110.00	0.00049	80.00	-110.00	0.00052
90.00	-110.00	0.00055	100.00	-110.00	0.00057
-100.00	-100.00	0.00012	-90.00	-100.00	0.00013
-80.00	-100.00	0.00014	-70.00	-100.00	0.00015
-60.00	-100.00	0.00016	-50.00	-100.00	0.00017
-40.00	-100.00	0.00019	-30.00	-100.00	0.00021
-25.00	-100.00	0.00022	-20.00	-100.00	0.00024
-17.00	-100.00	0.00025	-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	0.00036
11.00	-100.00	0.00037	13.00	-100.00	0.00038

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

15.00	-100.00	0.00039	17.00	-100.00	0.00039
20.00	-100.00	0.00040	25.00	-100.00	0.00042
30.00	-100.00	0.00043	40.00	-100.00	0.00045
50.00	-100.00	0.00048	60.00	-100.00	0.00052
70.00	-100.00	0.00055	80.00	-100.00	0.00059
90.00	-100.00	0.00062	100.00	-100.00	0.00064

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

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

10:11:25

**MODELOPTs:

PAGE 49

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00013	-90.00	-90.00	0.00014
-80.00	-90.00	0.00015	-70.00	-90.00	0.00016
-60.00	-90.00	0.00018	-50.00	-90.00	0.00019
-40.00	-90.00	0.00020	-30.00	-90.00	0.00023
-25.00	-90.00	0.00024	-20.00	-90.00	0.00026
-17.00	-90.00	0.00027	-15.00	-90.00	0.00028
-13.00	-90.00	0.00029	-11.00	-90.00	0.00030
-9.00	-90.00	0.00031	9.00	-90.00	0.00040
11.00	-90.00	0.00041	13.00	-90.00	0.00042
15.00	-90.00	0.00043	17.00	-90.00	0.00044
20.00	-90.00	0.00045	25.00	-90.00	0.00046
30.00	-90.00	0.00048	40.00	-90.00	0.00051
50.00	-90.00	0.00055	60.00	-90.00	0.00059
70.00	-90.00	0.00063	80.00	-90.00	0.00067
90.00	-90.00	0.00070	100.00	-90.00	0.00072
-100.00	-80.00	0.00013	-90.00	-80.00	0.00015
-80.00	-80.00	0.00016	-70.00	-80.00	0.00018
-60.00	-80.00	0.00019	-50.00	-80.00	0.00020
-40.00	-80.00	0.00022	-30.00	-80.00	0.00024
-25.00	-80.00	0.00026	-20.00	-80.00	0.00028
-17.00	-80.00	0.00030	-15.00	-80.00	0.00031
-13.00	-80.00	0.00032	-11.00	-80.00	0.00033
-9.00	-80.00	0.00034	9.00	-80.00	0.00045
11.00	-80.00	0.00046	13.00	-80.00	0.00047
15.00	-80.00	0.00048	17.00	-80.00	0.00049
20.00	-80.00	0.00050	25.00	-80.00	0.00052
30.00	-80.00	0.00054	40.00	-80.00	0.00058
50.00	-80.00	0.00062	60.00	-80.00	0.00068

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

70.00	-80.00	0.00072	80.00	-80.00	0.00077
90.00	-80.00	0.00080	100.00	-80.00	0.00081
-100.00	-70.00	0.00014	-90.00	-70.00	0.00016
-80.00	-70.00	0.00017	-70.00	-70.00	0.00019
-60.00	-70.00	0.00021	-50.00	-70.00	0.00022
-40.00	-70.00	0.00024	-30.00	-70.00	0.00027
-25.00	-70.00	0.00029	-20.00	-70.00	0.00031
-17.00	-70.00	0.00033	-15.00	-70.00	0.00034
-13.00	-70.00	0.00035	-11.00	-70.00	0.00036
-9.00	-70.00	0.00038	9.00	-70.00	0.00051
11.00	-70.00	0.00052	13.00	-70.00	0.00053
15.00	-70.00	0.00055	17.00	-70.00	0.00056

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

10:11:25
 **MODELOPTs:
 PAGE 50

CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00057	25.00	-70.00	0.00059
30.00	-70.00	0.00061	40.00	-70.00	0.00066
50.00	-70.00	0.00072	60.00	-70.00	0.00078
70.00	-70.00	0.00084	80.00	-70.00	0.00088
90.00	-70.00	0.00091	100.00	-70.00	0.00092
-100.00	-60.00	0.00015	-90.00	-60.00	0.00016
-80.00	-60.00	0.00018	-70.00	-60.00	0.00020
-60.00	-60.00	0.00022	-50.00	-60.00	0.00024
-40.00	-60.00	0.00027	-30.00	-60.00	0.00029
-25.00	-60.00	0.00031	-20.00	-60.00	0.00034
-17.00	-60.00	0.00036	-15.00	-60.00	0.00037
-13.00	-60.00	0.00039	-11.00	-60.00	0.00040
-9.00	-60.00	0.00042	9.00	-60.00	0.00058
11.00	-60.00	0.00059	13.00	-60.00	0.00061
15.00	-60.00	0.00062	17.00	-60.00	0.00063
20.00	-60.00	0.00065	25.00	-60.00	0.00068
30.00	-60.00	0.00070	40.00	-60.00	0.00077
50.00	-60.00	0.00084	60.00	-60.00	0.00091
70.00	-60.00	0.00097	80.00	-60.00	0.00101
90.00	-60.00	0.00103	100.00	-60.00	0.00103
-100.00	-50.00	0.00016	-90.00	-50.00	0.00018
-80.00	-50.00	0.00019	-70.00	-50.00	0.00022

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-60.00	-50.00	0.00024	-50.00	-50.00	0.00027
-40.00	-50.00	0.00029	-30.00	-50.00	0.00033
-25.00	-50.00	0.00035	-20.00	-50.00	0.00038
-17.00	-50.00	0.00040	-15.00	-50.00	0.00041
-13.00	-50.00	0.00043	-11.00	-50.00	0.00045
-9.00	-50.00	0.00047	9.00	-50.00	0.00066
11.00	-50.00	0.00068	13.00	-50.00	0.00070
15.00	-50.00	0.00071	17.00	-50.00	0.00073
20.00	-50.00	0.00075	25.00	-50.00	0.00078
30.00	-50.00	0.00082	40.00	-50.00	0.00090
50.00	-50.00	0.00099	60.00	-50.00	0.00108
70.00	-50.00	0.00114	80.00	-50.00	0.00117
90.00	-50.00	0.00118	100.00	-50.00	0.00116
-100.00	-40.00	0.00017	-90.00	-40.00	0.00019
-80.00	-40.00	0.00021	-70.00	-40.00	0.00023
-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	0.00039	-20.00	-40.00	0.00042

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

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

10:11:25
 **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	0.00044	-15.00	-40.00	0.00046
-13.00	-40.00	0.00048	-11.00	-40.00	0.00050
-9.00	-40.00	0.00053	9.00	-40.00	0.00077
11.00	-40.00	0.00079	13.00	-40.00	0.00081
15.00	-40.00	0.00083	17.00	-40.00	0.00085
20.00	-40.00	0.00087	25.00	-40.00	0.00092
30.00	-40.00	0.00096	40.00	-40.00	0.00108
50.00	-40.00	0.00119	60.00	-40.00	0.00128
70.00	-40.00	0.00134	80.00	-40.00	0.00135
90.00	-40.00	0.00134	100.00	-40.00	0.00130
-100.00	-30.00	0.00019	-90.00	-30.00	0.00020
-80.00	-30.00	0.00022	-70.00	-30.00	0.00025
-60.00	-30.00	0.00028	-50.00	-30.00	0.00032
-40.00	-30.00	0.00036	-30.00	-30.00	0.00040
-25.00	-30.00	0.00043	-20.00	-30.00	0.00047
-17.00	-30.00	0.00050	-15.00	-30.00	0.00052

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-13.00	-30.00	0.00054	-11.00	-30.00	0.00057
-9.00	-30.00	0.00060	9.00	-30.00	0.00090
11.00	-30.00	0.00093	13.00	-30.00	0.00095
15.00	-30.00	0.00097	17.00	-30.00	0.00100
20.00	-30.00	0.00103	25.00	-30.00	0.00109
30.00	-30.00	0.00116	40.00	-30.00	0.00131
50.00	-30.00	0.00144	60.00	-30.00	0.00153
70.00	-30.00	0.00157	80.00	-30.00	0.00156
90.00	-30.00	0.00152	100.00	-30.00	0.00145
-100.00	-20.00	0.00020	-90.00	-20.00	0.00022
-80.00	-20.00	0.00024	-70.00	-20.00	0.00027
-60.00	-20.00	0.00031	-50.00	-20.00	0.00035
-40.00	-20.00	0.00040	-30.00	-20.00	0.00045
-25.00	-20.00	0.00049	-20.00	-20.00	0.00053
-17.00	-20.00	0.00056	-15.00	-20.00	0.00058
-13.00	-20.00	0.00061	-11.00	-20.00	0.00064
-9.00	-20.00	0.00068	9.00	-20.00	0.00107
11.00	-20.00	0.00110	13.00	-20.00	0.00113
15.00	-20.00	0.00116	17.00	-20.00	0.00119
20.00	-20.00	0.00124	25.00	-20.00	0.00133
30.00	-20.00	0.00142	40.00	-20.00	0.00161
50.00	-20.00	0.00176	60.00	-20.00	0.00184
70.00	-20.00	0.00184	80.00	-20.00	0.00180
90.00	-20.00	0.00171	100.00	-20.00	0.00160

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

10:11:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00023	-90.00	-10.00	0.00025
-80.00	-10.00	0.00027	-70.00	-10.00	0.00030
-60.00	-10.00	0.00033	-50.00	-10.00	0.00038
-40.00	-10.00	0.00044	-30.00	-10.00	0.00051
-25.00	-10.00	0.00055	-20.00	-10.00	0.00060
-17.00	-10.00	0.00063	-15.00	-10.00	0.00066
-13.00	-10.00	0.00069	-11.00	-10.00	0.00073
-9.00	-10.00	0.00078	9.00	-10.00	0.00128
11.00	-10.00	0.00133	13.00	-10.00	0.00137
15.00	-10.00	0.00141	17.00	-10.00	0.00146

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00152	25.00	-10.00	0.00165
30.00	-10.00	0.00179	40.00	-10.00	0.00203
50.00	-10.00	0.00217	60.00	-10.00	0.00220
70.00	-10.00	0.00215	80.00	-10.00	0.00205
90.00	-10.00	0.00191	100.00	-10.00	0.00175
-100.00	0.00	0.00025	-90.00	0.00	0.00027
-80.00	0.00	0.00030	-70.00	0.00	0.00033
-60.00	0.00	0.00037	-50.00	0.00	0.00042
-40.00	0.00	0.00049	-30.00	0.00	0.00057
-25.00	0.00	0.00062	-20.00	0.00	0.00068
-17.00	0.00	0.00072	-15.00	0.00	0.00075
-13.00	0.00	0.00079	-11.00	0.00	0.00084
-9.00	0.00	0.00089	9.00	0.00	0.00157
11.00	0.00	0.00163	13.00	0.00	0.00169
15.00	0.00	0.00176	17.00	0.00	0.00183
20.00	0.00	0.00193	25.00	0.00	0.00213
30.00	0.00	0.00231	40.00	0.00	0.00257
50.00	0.00	0.00267	60.00	0.00	0.00263
70.00	0.00	0.00249	80.00	0.00	0.00230
90.00	0.00	0.00209	100.00	0.00	0.00188
-100.00	10.00	0.00027	-90.00	10.00	0.00030
-80.00	10.00	0.00033	-70.00	10.00	0.00037
-60.00	10.00	0.00041	-50.00	10.00	0.00047
-40.00	10.00	0.00054	-30.00	10.00	0.00064
-25.00	10.00	0.00070	-20.00	10.00	0.00077
-17.00	10.00	0.00082	-15.00	10.00	0.00086
-13.00	10.00	0.00091	-11.00	10.00	0.00096
-9.00	10.00	0.00103	9.00	10.00	0.00197
11.00	10.00	0.00206	13.00	10.00	0.00216
15.00	10.00	0.00227	17.00	10.00	0.00238

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

10:11:25
 **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	0.00256	25.00	10.00	0.00283
30.00	10.00	0.00305	40.00	10.00	0.00328
50.00	10.00	0.00326	60.00	10.00	0.00308
70.00	10.00	0.00282	80.00	10.00	0.00253

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

90.00	10.00	0.00225	100.00	10.00	0.00199
-100.00	20.00	0.00030	-90.00	20.00	0.00033
-80.00	20.00	0.00037	-70.00	20.00	0.00041
-60.00	20.00	0.00047	-50.00	20.00	0.00053
-40.00	20.00	0.00061	-30.00	20.00	0.00071
-25.00	20.00	0.00078	-20.00	20.00	0.00087
-17.00	20.00	0.00093	-15.00	20.00	0.00098
-13.00	20.00	0.00104	-11.00	20.00	0.00110
-9.00	20.00	0.00118	9.00	20.00	0.00257
11.00	20.00	0.00274	13.00	20.00	0.00292
15.00	20.00	0.00310	17.00	20.00	0.00328
20.00	20.00	0.00353	25.00	20.00	0.00386
30.00	20.00	0.00406	40.00	20.00	0.00412
50.00	20.00	0.00388	60.00	20.00	0.00350
70.00	20.00	0.00310	80.00	20.00	0.00271
90.00	20.00	0.00236	100.00	20.00	0.00205
-100.00	30.00	0.00032	-90.00	30.00	0.00036
-80.00	30.00	0.00040	-70.00	30.00	0.00046
-60.00	30.00	0.00052	-50.00	30.00	0.00060
-40.00	30.00	0.00070	-30.00	30.00	0.00081
-25.00	30.00	0.00089	-20.00	30.00	0.00098
-17.00	30.00	0.00105	-15.00	30.00	0.00110
-13.00	30.00	0.00117	-11.00	30.00	0.00125
-9.00	30.00	0.00135	9.00	30.00	0.00364
11.00	30.00	0.00396	13.00	30.00	0.00426
15.00	30.00	0.00454	17.00	30.00	0.00477
20.00	30.00	0.00503	25.00	30.00	0.00527
30.00	30.00	0.00529	40.00	30.00	0.00496
50.00	30.00	0.00442	60.00	30.00	0.00384
70.00	30.00	0.00330	80.00	30.00	0.00282
90.00	30.00	0.00241	100.00	30.00	0.00206
-100.00	40.00	0.00034	-90.00	40.00	0.00039
-80.00	40.00	0.00044	-70.00	40.00	0.00050
-60.00	40.00	0.00058	-50.00	40.00	0.00067
-40.00	40.00	0.00078	-30.00	40.00	0.00093
-25.00	40.00	0.00101	-20.00	40.00	0.00112

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

*** NCRA Cumulative DPM Impacts

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

10:11:25

**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 ***

04NCRA PL94-300 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	0.00134	-11.00	40.00	0.00144
-9.00	40.00	0.00157	9.00	40.00	0.00599
11.00	40.00	0.00632	13.00	40.00	0.00654
15.00	40.00	0.00668	17.00	40.00	0.00676
20.00	40.00	0.00678	25.00	40.00	0.00663
30.00	40.00	0.00634	40.00	40.00	0.00558
50.00	40.00	0.00478	60.00	40.00	0.00403
70.00	40.00	0.00339	80.00	40.00	0.00285
90.00	40.00	0.00240	100.00	40.00	0.00203
-100.00	50.00	0.00037	-90.00	50.00	0.00043
-80.00	50.00	0.00049	-70.00	50.00	0.00056
-60.00	50.00	0.00066	-50.00	50.00	0.00077
-40.00	50.00	0.00091	-30.00	50.00	0.00110
-25.00	50.00	0.00122	-20.00	50.00	0.00137
-17.00	50.00	0.00148	-15.00	50.00	0.00157
-13.00	50.00	0.00169	-11.00	50.00	0.00185
-9.00	50.00	0.00206	9.00	50.00	0.00783
11.00	50.00	0.00787	13.00	50.00	0.00789
15.00	50.00	0.00788	17.00	50.00	0.00783
20.00	50.00	0.00769	25.00	50.00	0.00734
30.00	50.00	0.00688	40.00	50.00	0.00588
50.00	50.00	0.00491	60.00	50.00	0.00406
70.00	50.00	0.00336	80.00	50.00	0.00278
90.00	50.00	0.00231	100.00	50.00	0.00194
-100.00	60.00	0.00041	-90.00	60.00	0.00047
-80.00	60.00	0.00055	-70.00	60.00	0.00064
-60.00	60.00	0.00076	-50.00	60.00	0.00090
-40.00	60.00	0.00110	-30.00	60.00	0.00136
-25.00	60.00	0.00153	-20.00	60.00	0.00174
-17.00	60.00	0.00191	-15.00	60.00	0.00204
-13.00	60.00	0.00219	-11.00	60.00	0.00237
-9.00	60.00	0.00260	9.00	60.00	0.00793
11.00	60.00	0.00797	13.00	60.00	0.00800
15.00	60.00	0.00800	17.00	60.00	0.00795
20.00	60.00	0.00782	25.00	60.00	0.00743
30.00	60.00	0.00695	40.00	60.00	0.00586
50.00	60.00	0.00482	60.00	60.00	0.00393
70.00	60.00	0.00321	80.00	60.00	0.00263
90.00	60.00	0.00216	100.00	60.00	0.00180

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

*** NCRA Cumulative DPM Impacts

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

10:11:25

**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	0.00044	-90.00	70.00	0.00052
-80.00	70.00	0.00061	-70.00	70.00	0.00073
-60.00	70.00	0.00087	-50.00	70.00	0.00105
-40.00	70.00	0.00128	-30.00	70.00	0.00160
-25.00	70.00	0.00180	-20.00	70.00	0.00205
-17.00	70.00	0.00222	-15.00	70.00	0.00235
-13.00	70.00	0.00249	-11.00	70.00	0.00264
-9.00	70.00	0.00283	9.00	70.00	0.00785
11.00	70.00	0.00789	13.00	70.00	0.00791
15.00	70.00	0.00790	17.00	70.00	0.00784
20.00	70.00	0.00768	25.00	70.00	0.00727
30.00	70.00	0.00676	40.00	70.00	0.00562
50.00	70.00	0.00456	60.00	70.00	0.00367
70.00	70.00	0.00296	80.00	70.00	0.00239
90.00	70.00	0.00196	100.00	70.00	0.00162
-100.00	80.00	0.00048	-90.00	80.00	0.00057
-80.00	80.00	0.00067	-70.00	80.00	0.00081
-60.00	80.00	0.00097	-50.00	80.00	0.00118
-40.00	80.00	0.00144	-30.00	80.00	0.00178
-25.00	80.00	0.00199	-20.00	80.00	0.00222
-17.00	80.00	0.00238	-15.00	80.00	0.00248
-13.00	80.00	0.00260	-11.00	80.00	0.00273
-9.00	80.00	0.00289	9.00	80.00	0.00767
11.00	80.00	0.00770	13.00	80.00	0.00771
15.00	80.00	0.00768	17.00	80.00	0.00760
20.00	80.00	0.00742	25.00	80.00	0.00696
30.00	80.00	0.00640	40.00	80.00	0.00521
50.00	80.00	0.00414	60.00	80.00	0.00328
70.00	80.00	0.00261	80.00	80.00	0.00210
90.00	80.00	0.00171	100.00	80.00	0.00142
-100.00	90.00	0.00052	-90.00	90.00	0.00061
-80.00	90.00	0.00072	-70.00	90.00	0.00086
-60.00	90.00	0.00104	-50.00	90.00	0.00127
-40.00	90.00	0.00154	-30.00	90.00	0.00188
-25.00	90.00	0.00207	-20.00	90.00	0.00228
-17.00	90.00	0.00241	-15.00	90.00	0.00251

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-13.00	90.00	0.00261	-11.00	90.00	0.00272
-9.00	90.00	0.00285	9.00	90.00	0.00739
11.00	90.00	0.00739	13.00	90.00	0.00738
15.00	90.00	0.00732	17.00	90.00	0.00722

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

10:11:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00700	25.00	90.00	0.00647
30.00	90.00	0.00585	40.00	90.00	0.00462
50.00	90.00	0.00359	60.00	90.00	0.00280
70.00	90.00	0.00221	80.00	90.00	0.00177
90.00	90.00	0.00145	100.00	90.00	0.00120
-100.00	100.00	0.00054	-90.00	100.00	0.00064
-80.00	100.00	0.00075	-70.00	100.00	0.00090
-60.00	100.00	0.00109	-50.00	100.00	0.00132
-40.00	100.00	0.00160	-30.00	100.00	0.00192
-25.00	100.00	0.00209	-20.00	100.00	0.00227
-17.00	100.00	0.00238	-15.00	100.00	0.00246
-13.00	100.00	0.00254	-11.00	100.00	0.00263
-9.00	100.00	0.00275	9.00	100.00	0.00696
11.00	100.00	0.00693	13.00	100.00	0.00687
15.00	100.00	0.00677	17.00	100.00	0.00663
20.00	100.00	0.00634	25.00	100.00	0.00573
30.00	100.00	0.00507	40.00	100.00	0.00385
50.00	100.00	0.00292	60.00	100.00	0.00226
70.00	100.00	0.00178	80.00	100.00	0.00144
90.00	100.00	0.00118	100.00	100.00	0.00099
-100.00	110.00	0.00056	-90.00	110.00	0.00066
-80.00	110.00	0.00078	-70.00	110.00	0.00092
-60.00	110.00	0.00111	-50.00	110.00	0.00134
-40.00	110.00	0.00161	-30.00	110.00	0.00191
-25.00	110.00	0.00206	-20.00	110.00	0.00221
-17.00	110.00	0.00230	-15.00	110.00	0.00236
-13.00	110.00	0.00242	-11.00	110.00	0.00250
-9.00	110.00	0.00259	9.00	110.00	0.00632
11.00	110.00	0.00620	13.00	110.00	0.00607
15.00	110.00	0.00589	17.00	110.00	0.00567

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

20.00	110.00	0.00530	25.00	110.00	0.00462
30.00	110.00	0.00398	40.00	110.00	0.00292
50.00	110.00	0.00220	60.00	110.00	0.00171
70.00	110.00	0.00136	80.00	110.00	0.00112
90.00	110.00	0.00093	100.00	110.00	0.00079
-100.00	120.00	0.00058	-90.00	120.00	0.00067
-80.00	120.00	0.00079	-70.00	120.00	0.00093
-60.00	120.00	0.00111	-50.00	120.00	0.00132
-40.00	120.00	0.00157	-30.00	120.00	0.00184
-25.00	120.00	0.00197	-20.00	120.00	0.00211

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

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

10:11:25

**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	0.00218	-15.00	120.00	0.00223
-13.00	120.00	0.00228	-11.00	120.00	0.00233
-9.00	120.00	0.00240	9.00	120.00	0.00518
11.00	120.00	0.00491	13.00	120.00	0.00464
15.00	120.00	0.00437	17.00	120.00	0.00410
20.00	120.00	0.00371	25.00	120.00	0.00313
30.00	120.00	0.00265	40.00	120.00	0.00196
50.00	120.00	0.00151	60.00	120.00	0.00121
70.00	120.00	0.00099	80.00	120.00	0.00083
90.00	120.00	0.00071	100.00	120.00	0.00062
-100.00	130.00	0.00058	-90.00	130.00	0.00067
-80.00	130.00	0.00078	-70.00	130.00	0.00092
-60.00	130.00	0.00109	-50.00	130.00	0.00128
-40.00	130.00	0.00150	-30.00	130.00	0.00173
-25.00	130.00	0.00184	-20.00	130.00	0.00195
-17.00	130.00	0.00200	-15.00	130.00	0.00204
-13.00	130.00	0.00207	-11.00	130.00	0.00211
-9.00	130.00	0.00215	9.00	130.00	0.00273
11.00	130.00	0.00245	13.00	130.00	0.00226
15.00	130.00	0.00211	17.00	130.00	0.00200
20.00	130.00	0.00185	25.00	130.00	0.00163
30.00	130.00	0.00146	40.00	130.00	0.00118
50.00	130.00	0.00097	60.00	130.00	0.00082
70.00	130.00	0.00070	80.00	130.00	0.00061

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00053	100.00	130.00	0.00047
-100.00	140.00	0.00057	-90.00	140.00	0.00066
-80.00	140.00	0.00076	-70.00	140.00	0.00088
-60.00	140.00	0.00103	-50.00	140.00	0.00119
-40.00	140.00	0.00137	-30.00	140.00	0.00154
-25.00	140.00	0.00161	-20.00	140.00	0.00167
-17.00	140.00	0.00169	-15.00	140.00	0.00168
-13.00	140.00	0.00167	-11.00	140.00	0.00165
-9.00	140.00	0.00160	9.00	140.00	0.00077
11.00	140.00	0.00077	13.00	140.00	0.00077
15.00	140.00	0.00078	17.00	140.00	0.00078
20.00	140.00	0.00078	25.00	140.00	0.00077
30.00	140.00	0.00074	40.00	140.00	0.00068
50.00	140.00	0.00060	60.00	140.00	0.00054
70.00	140.00	0.00048	80.00	140.00	0.00044
90.00	140.00	0.00039	100.00	140.00	0.00036

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

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

10:11:25

**MODELOPTs:
 PAGE 58

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00055	-90.00	150.00	0.00063
-80.00	150.00	0.00072	-70.00	150.00	0.00082
-60.00	150.00	0.00093	-50.00	150.00	0.00105
-40.00	150.00	0.00116	-30.00	150.00	0.00125
-25.00	150.00	0.00126	-20.00	150.00	0.00124
-17.00	150.00	0.00120	-15.00	150.00	0.00116
-13.00	150.00	0.00111	-11.00	150.00	0.00105
-9.00	150.00	0.00097	9.00	150.00	0.00051
11.00	150.00	0.00050	13.00	150.00	0.00049
15.00	150.00	0.00048	17.00	150.00	0.00047
20.00	150.00	0.00046	25.00	150.00	0.00045
30.00	150.00	0.00044	40.00	150.00	0.00042
50.00	150.00	0.00039	60.00	150.00	0.00037
70.00	150.00	0.00034	80.00	150.00	0.00031
90.00	150.00	0.00029	100.00	150.00	0.00027
-100.00	160.00	0.00052	-90.00	160.00	0.00058
-80.00	160.00	0.00066	-70.00	160.00	0.00073
-60.00	160.00	0.00081	-50.00	160.00	0.00089

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-40.00	160.00	0.00094	-30.00	160.00	0.00096
-25.00	160.00	0.00093	-20.00	160.00	0.00087
-17.00	160.00	0.00082	-15.00	160.00	0.00077
-13.00	160.00	0.00073	-11.00	160.00	0.00068
-9.00	160.00	0.00063	9.00	160.00	0.00037
11.00	160.00	0.00036	13.00	160.00	0.00036
15.00	160.00	0.00035	17.00	160.00	0.00035
20.00	160.00	0.00034	25.00	160.00	0.00033
30.00	160.00	0.00032	40.00	160.00	0.00030
50.00	160.00	0.00028	60.00	160.00	0.00026
70.00	160.00	0.00025	80.00	160.00	0.00023
90.00	160.00	0.00022	100.00	160.00	0.00021
-100.00	170.00	0.00048	-90.00	170.00	0.00053
-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	0.00075	-30.00	170.00	0.00071
-25.00	170.00	0.00067	-20.00	170.00	0.00061
-17.00	170.00	0.00057	-15.00	170.00	0.00054
-13.00	170.00	0.00051	-11.00	170.00	0.00048
-9.00	170.00	0.00045	9.00	170.00	0.00029
11.00	170.00	0.00028	13.00	170.00	0.00028
15.00	170.00	0.00027	17.00	170.00	0.00027

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

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

10:11:25
 **MODELOPTs:
 PAGE 59

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00026	25.00	170.00	0.00026
30.00	170.00	0.00025	40.00	170.00	0.00023
50.00	170.00	0.00021	60.00	170.00	0.00020
70.00	170.00	0.00019	80.00	170.00	0.00018
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	0.00060
-40.00	180.00	0.00059	-30.00	180.00	0.00053
-25.00	180.00	0.00049	-20.00	180.00	0.00044
-17.00	180.00	0.00041	-15.00	180.00	0.00039
-13.00	180.00	0.00038	-11.00	180.00	0.00036

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-9.00	180.00	0.00034	9.00	180.00	0.00023
11.00	180.00	0.00023	13.00	180.00	0.00022
15.00	180.00	0.00022	17.00	180.00	0.00021
20.00	180.00	0.00021	25.00	180.00	0.00021
30.00	180.00	0.00020	40.00	180.00	0.00019
50.00	180.00	0.00018	60.00	180.00	0.00016
70.00	180.00	0.00015	80.00	180.00	0.00014
90.00	180.00	0.00014	100.00	180.00	0.00013
-100.00	190.00	0.00039	-90.00	190.00	0.00042
-80.00	190.00	0.00045	-70.00	190.00	0.00047
-60.00	190.00	0.00049	-50.00	190.00	0.00049
-40.00	190.00	0.00046	-30.00	190.00	0.00040
-25.00	190.00	0.00037	-20.00	190.00	0.00034
-17.00	190.00	0.00032	-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	0.00019
11.00	190.00	0.00019	13.00	190.00	0.00018
15.00	190.00	0.00018	17.00	190.00	0.00018
20.00	190.00	0.00017	25.00	190.00	0.00017
30.00	190.00	0.00017	40.00	190.00	0.00016
50.00	190.00	0.00015	60.00	190.00	0.00014
70.00	190.00	0.00013	80.00	190.00	0.00012
90.00	190.00	0.00011	100.00	190.00	0.00011
-100.00	200.00	0.00036	-90.00	200.00	0.00038
-80.00	200.00	0.00039	-70.00	200.00	0.00040
-60.00	200.00	0.00041	-50.00	200.00	0.00039
-40.00	200.00	0.00036	-30.00	200.00	0.00031
-25.00	200.00	0.00029	-20.00	200.00	0.00026

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

10:11:25

**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	0.00025	-15.00	200.00	0.00024
-13.00	200.00	0.00023	-11.00	200.00	0.00023
-9.00	200.00	0.00022	9.00	200.00	0.00016
11.00	200.00	0.00016	13.00	200.00	0.00015
15.00	200.00	0.00015	17.00	200.00	0.00015
20.00	200.00	0.00014	25.00	200.00	0.00014

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00014	40.00	200.00	0.00013
50.00	200.00	0.00013	60.00	200.00	0.00012
70.00	200.00	0.00011	80.00	200.00	0.00010
90.00	200.00	0.00010	100.00	200.00	0.00009
-100.00	210.00	0.00032	-90.00	210.00	0.00033
-80.00	210.00	0.00034	-70.00	210.00	0.00034
-60.00	210.00	0.00034	-50.00	210.00	0.00032
-40.00	210.00	0.00029	-30.00	210.00	0.00025
-25.00	210.00	0.00023	-20.00	210.00	0.00021
-17.00	210.00	0.00020	-15.00	210.00	0.00020
-13.00	210.00	0.00019	-11.00	210.00	0.00019
-9.00	210.00	0.00018	9.00	210.00	0.00014
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	0.00012	25.00	210.00	0.00012
30.00	210.00	0.00012	40.00	210.00	0.00011
50.00	210.00	0.00011	60.00	210.00	0.00011
70.00	210.00	0.00010	80.00	210.00	0.00009
90.00	210.00	0.00009	100.00	210.00	0.00008
-100.00	220.00	0.00028	-90.00	220.00	0.00029
-80.00	220.00	0.00029	-70.00	220.00	0.00029
-60.00	220.00	0.00028	-50.00	220.00	0.00026
-40.00	220.00	0.00023	-30.00	220.00	0.00020
-25.00	220.00	0.00019	-20.00	220.00	0.00018
-17.00	220.00	0.00017	-15.00	220.00	0.00017
-13.00	220.00	0.00016	-11.00	220.00	0.00016
-9.00	220.00	0.00015	9.00	220.00	0.00012
11.00	220.00	0.00012	13.00	220.00	0.00011
15.00	220.00	0.00011	17.00	220.00	0.00011
20.00	220.00	0.00011	25.00	220.00	0.00010
30.00	220.00	0.00010	40.00	220.00	0.00010
50.00	220.00	0.00010	60.00	220.00	0.00009
70.00	220.00	0.00009	80.00	220.00	0.00008
90.00	220.00	0.00008	100.00	220.00	0.00007

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

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

10:11:25

**MODELOPTs:

PAGE 61

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-100.00	230.00	0.00025	-90.00	230.00	0.00026
-80.00	230.00	0.00025	-70.00	230.00	0.00025
-60.00	230.00	0.00023	-50.00	230.00	0.00022
-40.00	230.00	0.00019	-30.00	230.00	0.00017
-25.00	230.00	0.00016	-20.00	230.00	0.00015
-17.00	230.00	0.00014	-15.00	230.00	0.00014
-13.00	230.00	0.00014	-11.00	230.00	0.00014
-9.00	230.00	0.00013	9.00	230.00	0.00010
11.00	230.00	0.00010	13.00	230.00	0.00010
15.00	230.00	0.00010	17.00	230.00	0.00010
20.00	230.00	0.00009	25.00	230.00	0.00009
30.00	230.00	0.00009	40.00	230.00	0.00008
50.00	230.00	0.00008	60.00	230.00	0.00008
70.00	230.00	0.00008	80.00	230.00	0.00007
90.00	230.00	0.00007	100.00	230.00	0.00007
-100.00	240.00	0.00022	-90.00	240.00	0.00022
-80.00	240.00	0.00022	-70.00	240.00	0.00021
-60.00	240.00	0.00020	-50.00	240.00	0.00018
-40.00	240.00	0.00016	-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	0.00012
-9.00	240.00	0.00011	9.00	240.00	0.00009
11.00	240.00	0.00009	13.00	240.00	0.00009
15.00	240.00	0.00009	17.00	240.00	0.00008
20.00	240.00	0.00008	25.00	240.00	0.00008
30.00	240.00	0.00008	40.00	240.00	0.00007
50.00	240.00	0.00007	60.00	240.00	0.00007
70.00	240.00	0.00007	80.00	240.00	0.00007
90.00	240.00	0.00006	100.00	240.00	0.00006
-100.00	250.00	0.00020	-90.00	250.00	0.00019
-80.00	250.00	0.00019	-70.00	250.00	0.00018
-60.00	250.00	0.00017	-50.00	250.00	0.00015
-40.00	250.00	0.00014	-30.00	250.00	0.00012
-25.00	250.00	0.00012	-20.00	250.00	0.00011
-17.00	250.00	0.00011	-15.00	250.00	0.00011
-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	0.00007

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

10:11:25
 **MODELOPTS:
 PAGE 62

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	0.00007	25.00	250.00	0.00007
30.00	250.00	0.00007	40.00	250.00	0.00007
50.00	250.00	0.00006	60.00	250.00	0.00006
70.00	250.00	0.00006	80.00	250.00	0.00006
90.00	250.00	0.00006	100.00	250.00	0.00005

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

10:11:25
 **MODELOPTs:
 PAGE 63
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00009	-90.00	-250.00	0.00009
-80.00	-250.00	0.00010	-70.00	-250.00	0.00010
-60.00	-250.00	0.00011	-50.00	-250.00	0.00011
-40.00	-250.00	0.00012	-30.00	-250.00	0.00014
-25.00	-250.00	0.00015	-20.00	-250.00	0.00015
-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	0.00018	9.00	-250.00	0.00021
11.00	-250.00	0.00022	13.00	-250.00	0.00022
15.00	-250.00	0.00022	17.00	-250.00	0.00023
20.00	-250.00	0.00023	25.00	-250.00	0.00024
30.00	-250.00	0.00025	40.00	-250.00	0.00026
50.00	-250.00	0.00027	60.00	-250.00	0.00028
70.00	-250.00	0.00029	80.00	-250.00	0.00031
90.00	-250.00	0.00032	100.00	-250.00	0.00034
-100.00	-240.00	0.00009	-90.00	-240.00	0.00010
-80.00	-240.00	0.00010	-70.00	-240.00	0.00011
-60.00	-240.00	0.00011	-50.00	-240.00	0.00012
-40.00	-240.00	0.00013	-30.00	-240.00	0.00015
-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	0.00019	9.00	-240.00	0.00023

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

11.00	-240.00	0.00023	13.00	-240.00	0.00024
15.00	-240.00	0.00024	17.00	-240.00	0.00025
20.00	-240.00	0.00025	25.00	-240.00	0.00026
30.00	-240.00	0.00027	40.00	-240.00	0.00028
50.00	-240.00	0.00029	60.00	-240.00	0.00030
70.00	-240.00	0.00032	80.00	-240.00	0.00034
90.00	-240.00	0.00036	100.00	-240.00	0.00038
-100.00	-230.00	0.00010	-90.00	-230.00	0.00010
-80.00	-230.00	0.00011	-70.00	-230.00	0.00012
-60.00	-230.00	0.00012	-50.00	-230.00	0.00013
-40.00	-230.00	0.00014	-30.00	-230.00	0.00016
-25.00	-230.00	0.00017	-20.00	-230.00	0.00018
-17.00	-230.00	0.00018	-15.00	-230.00	0.00019
-13.00	-230.00	0.00019	-11.00	-230.00	0.00020
-9.00	-230.00	0.00020	9.00	-230.00	0.00025
11.00	-230.00	0.00025	13.00	-230.00	0.00026
15.00	-230.00	0.00026	17.00	-230.00	0.00027

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

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

10:11:25

**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	0.00027	25.00	-230.00	0.00028
30.00	-230.00	0.00029	40.00	-230.00	0.00030
50.00	-230.00	0.00032	60.00	-230.00	0.00033
70.00	-230.00	0.00035	80.00	-230.00	0.00037
90.00	-230.00	0.00040	100.00	-230.00	0.00041
-100.00	-220.00	0.00010	-90.00	-220.00	0.00011
-80.00	-220.00	0.00012	-70.00	-220.00	0.00012
-60.00	-220.00	0.00013	-50.00	-220.00	0.00014
-40.00	-220.00	0.00015	-30.00	-220.00	0.00017
-25.00	-220.00	0.00018	-20.00	-220.00	0.00019
-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	0.00022	9.00	-220.00	0.00027
11.00	-220.00	0.00028	13.00	-220.00	0.00028
15.00	-220.00	0.00029	17.00	-220.00	0.00029
20.00	-220.00	0.00030	25.00	-220.00	0.00031
30.00	-220.00	0.00032	40.00	-220.00	0.00033

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

50.00	-220.00	0.00035	60.00	-220.00	0.00037
70.00	-220.00	0.00039	80.00	-220.00	0.00042
90.00	-220.00	0.00044	100.00	-220.00	0.00046
-100.00	-210.00	0.00011	-90.00	-210.00	0.00012
-80.00	-210.00	0.00013	-70.00	-210.00	0.00013
-60.00	-210.00	0.00014	-50.00	-210.00	0.00015
-40.00	-210.00	0.00016	-30.00	-210.00	0.00018
-25.00	-210.00	0.00019	-20.00	-210.00	0.00020
-17.00	-210.00	0.00021	-15.00	-210.00	0.00022
-13.00	-210.00	0.00023	-11.00	-210.00	0.00023
-9.00	-210.00	0.00024	9.00	-210.00	0.00030
11.00	-210.00	0.00030	13.00	-210.00	0.00031
15.00	-210.00	0.00032	17.00	-210.00	0.00032
20.00	-210.00	0.00033	25.00	-210.00	0.00034
30.00	-210.00	0.00035	40.00	-210.00	0.00037
50.00	-210.00	0.00039	60.00	-210.00	0.00041
70.00	-210.00	0.00044	80.00	-210.00	0.00046
90.00	-210.00	0.00049	100.00	-210.00	0.00051
-100.00	-200.00	0.00011	-90.00	-200.00	0.00012
-80.00	-200.00	0.00013	-70.00	-200.00	0.00014
-60.00	-200.00	0.00015	-50.00	-200.00	0.00016
-40.00	-200.00	0.00017	-30.00	-200.00	0.00019
-25.00	-200.00	0.00021	-20.00	-200.00	0.00022

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

10:11:25
 **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	0.00023	-15.00	-200.00	0.00024
-13.00	-200.00	0.00024	-11.00	-200.00	0.00025
-9.00	-200.00	0.00026	9.00	-200.00	0.00033
11.00	-200.00	0.00034	13.00	-200.00	0.00034
15.00	-200.00	0.00035	17.00	-200.00	0.00035
20.00	-200.00	0.00036	25.00	-200.00	0.00037
30.00	-200.00	0.00039	40.00	-200.00	0.00041
50.00	-200.00	0.00043	60.00	-200.00	0.00046
70.00	-200.00	0.00049	80.00	-200.00	0.00052
90.00	-200.00	0.00055	100.00	-200.00	0.00057
-100.00	-190.00	0.00012	-90.00	-190.00	0.00013

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00014	-70.00	-190.00	0.00015
-60.00	-190.00	0.00016	-50.00	-190.00	0.00017
-40.00	-190.00	0.00019	-30.00	-190.00	0.00021
-25.00	-190.00	0.00022	-20.00	-190.00	0.00024
-17.00	-190.00	0.00025	-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	0.00036
11.00	-190.00	0.00037	13.00	-190.00	0.00038
15.00	-190.00	0.00039	17.00	-190.00	0.00039
20.00	-190.00	0.00040	25.00	-190.00	0.00042
30.00	-190.00	0.00043	40.00	-190.00	0.00045
50.00	-190.00	0.00048	60.00	-190.00	0.00052
70.00	-190.00	0.00055	80.00	-190.00	0.00059
90.00	-190.00	0.00062	100.00	-190.00	0.00064
-100.00	-180.00	0.00013	-90.00	-180.00	0.00014
-80.00	-180.00	0.00015	-70.00	-180.00	0.00016
-60.00	-180.00	0.00018	-50.00	-180.00	0.00019
-40.00	-180.00	0.00020	-30.00	-180.00	0.00023
-25.00	-180.00	0.00024	-20.00	-180.00	0.00026
-17.00	-180.00	0.00027	-15.00	-180.00	0.00028
-13.00	-180.00	0.00029	-11.00	-180.00	0.00030
-9.00	-180.00	0.00031	9.00	-180.00	0.00040
11.00	-180.00	0.00041	13.00	-180.00	0.00042
15.00	-180.00	0.00043	17.00	-180.00	0.00044
20.00	-180.00	0.00045	25.00	-180.00	0.00046
30.00	-180.00	0.00048	40.00	-180.00	0.00051
50.00	-180.00	0.00055	60.00	-180.00	0.00059
70.00	-180.00	0.00063	80.00	-180.00	0.00067
90.00	-180.00	0.00070	100.00	-180.00	0.00072

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

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

10:11:25

**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	0.00013	-90.00	-170.00	0.00015
-80.00	-170.00	0.00016	-70.00	-170.00	0.00018
-60.00	-170.00	0.00019	-50.00	-170.00	0.00020
-40.00	-170.00	0.00022	-30.00	-170.00	0.00024
-25.00	-170.00	0.00026	-20.00	-170.00	0.00028

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00030	-15.00	-170.00	0.00031
-13.00	-170.00	0.00032	-11.00	-170.00	0.00033
-9.00	-170.00	0.00034	9.00	-170.00	0.00045
11.00	-170.00	0.00046	13.00	-170.00	0.00047
15.00	-170.00	0.00048	17.00	-170.00	0.00049
20.00	-170.00	0.00050	25.00	-170.00	0.00052
30.00	-170.00	0.00054	40.00	-170.00	0.00058
50.00	-170.00	0.00062	60.00	-170.00	0.00068
70.00	-170.00	0.00072	80.00	-170.00	0.00077
90.00	-170.00	0.00080	100.00	-170.00	0.00081
-100.00	-160.00	0.00014	-90.00	-160.00	0.00016
-80.00	-160.00	0.00017	-70.00	-160.00	0.00019
-60.00	-160.00	0.00021	-50.00	-160.00	0.00022
-40.00	-160.00	0.00024	-30.00	-160.00	0.00027
-25.00	-160.00	0.00029	-20.00	-160.00	0.00031
-17.00	-160.00	0.00033	-15.00	-160.00	0.00034
-13.00	-160.00	0.00035	-11.00	-160.00	0.00036
-9.00	-160.00	0.00038	9.00	-160.00	0.00051
11.00	-160.00	0.00052	13.00	-160.00	0.00053
15.00	-160.00	0.00055	17.00	-160.00	0.00056
20.00	-160.00	0.00057	25.00	-160.00	0.00059
30.00	-160.00	0.00061	40.00	-160.00	0.00066
50.00	-160.00	0.00072	60.00	-160.00	0.00078
70.00	-160.00	0.00084	80.00	-160.00	0.00088
90.00	-160.00	0.00091	100.00	-160.00	0.00092
-100.00	-150.00	0.00015	-90.00	-150.00	0.00016
-80.00	-150.00	0.00018	-70.00	-150.00	0.00020
-60.00	-150.00	0.00022	-50.00	-150.00	0.00024
-40.00	-150.00	0.00027	-30.00	-150.00	0.00029
-25.00	-150.00	0.00031	-20.00	-150.00	0.00034
-17.00	-150.00	0.00036	-15.00	-150.00	0.00037
-13.00	-150.00	0.00039	-11.00	-150.00	0.00040
-9.00	-150.00	0.00042	9.00	-150.00	0.00058
11.00	-150.00	0.00059	13.00	-150.00	0.00061
15.00	-150.00	0.00062	17.00	-150.00	0.00063

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 10:11:25
 **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 **

04NCRA_PL94-300_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	0.00065	25.00	-150.00	0.00068
30.00	-150.00	0.00070	40.00	-150.00	0.00077
50.00	-150.00	0.00084	60.00	-150.00	0.00091
70.00	-150.00	0.00097	80.00	-150.00	0.00101
90.00	-150.00	0.00103	100.00	-150.00	0.00103
-100.00	-140.00	0.00016	-90.00	-140.00	0.00018
-80.00	-140.00	0.00019	-70.00	-140.00	0.00022
-60.00	-140.00	0.00024	-50.00	-140.00	0.00027
-40.00	-140.00	0.00029	-30.00	-140.00	0.00033
-25.00	-140.00	0.00035	-20.00	-140.00	0.00038
-17.00	-140.00	0.00040	-15.00	-140.00	0.00041
-13.00	-140.00	0.00043	-11.00	-140.00	0.00045
-9.00	-140.00	0.00047	9.00	-140.00	0.00066
11.00	-140.00	0.00068	13.00	-140.00	0.00070
15.00	-140.00	0.00071	17.00	-140.00	0.00073
20.00	-140.00	0.00075	25.00	-140.00	0.00078
30.00	-140.00	0.00082	40.00	-140.00	0.00090
50.00	-140.00	0.00099	60.00	-140.00	0.00108
70.00	-140.00	0.00114	80.00	-140.00	0.00117
90.00	-140.00	0.00118	100.00	-140.00	0.00116
-100.00	-130.00	0.00017	-90.00	-130.00	0.00019
-80.00	-130.00	0.00021	-70.00	-130.00	0.00023
-60.00	-130.00	0.00026	-50.00	-130.00	0.00029
-40.00	-130.00	0.00032	-30.00	-130.00	0.00036
-25.00	-130.00	0.00039	-20.00	-130.00	0.00042
-17.00	-130.00	0.00044	-15.00	-130.00	0.00046
-13.00	-130.00	0.00048	-11.00	-130.00	0.00050
-9.00	-130.00	0.00053	9.00	-130.00	0.00077
11.00	-130.00	0.00079	13.00	-130.00	0.00081
15.00	-130.00	0.00083	17.00	-130.00	0.00085
20.00	-130.00	0.00087	25.00	-130.00	0.00092
30.00	-130.00	0.00096	40.00	-130.00	0.00108
50.00	-130.00	0.00119	60.00	-130.00	0.00128
70.00	-130.00	0.00134	80.00	-130.00	0.00135
90.00	-130.00	0.00134	100.00	-130.00	0.00130
-100.00	-120.00	0.00019	-90.00	-120.00	0.00020
-80.00	-120.00	0.00022	-70.00	-120.00	0.00025
-60.00	-120.00	0.00028	-50.00	-120.00	0.00032
-40.00	-120.00	0.00036	-30.00	-120.00	0.00040
-25.00	-120.00	0.00043	-20.00	-120.00	0.00047

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

*** NCRA Cumulative DPM Impacts

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

10:11:25

**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	0.00050	-15.00	-120.00	0.00052
-13.00	-120.00	0.00054	-11.00	-120.00	0.00057
-9.00	-120.00	0.00060	9.00	-120.00	0.00090
11.00	-120.00	0.00093	13.00	-120.00	0.00095
15.00	-120.00	0.00097	17.00	-120.00	0.00100
20.00	-120.00	0.00103	25.00	-120.00	0.00109
30.00	-120.00	0.00116	40.00	-120.00	0.00131
50.00	-120.00	0.00144	60.00	-120.00	0.00153
70.00	-120.00	0.00157	80.00	-120.00	0.00156
90.00	-120.00	0.00152	100.00	-120.00	0.00145
-100.00	-110.00	0.00020	-90.00	-110.00	0.00022
-80.00	-110.00	0.00024	-70.00	-110.00	0.00027
-60.00	-110.00	0.00031	-50.00	-110.00	0.00035
-40.00	-110.00	0.00040	-30.00	-110.00	0.00045
-25.00	-110.00	0.00049	-20.00	-110.00	0.00053
-17.00	-110.00	0.00056	-15.00	-110.00	0.00058
-13.00	-110.00	0.00061	-11.00	-110.00	0.00064
-9.00	-110.00	0.00068	9.00	-110.00	0.00107
11.00	-110.00	0.00110	13.00	-110.00	0.00113
15.00	-110.00	0.00116	17.00	-110.00	0.00119
20.00	-110.00	0.00124	25.00	-110.00	0.00133
30.00	-110.00	0.00142	40.00	-110.00	0.00161
50.00	-110.00	0.00176	60.00	-110.00	0.00184
70.00	-110.00	0.00184	80.00	-110.00	0.00180
90.00	-110.00	0.00171	100.00	-110.00	0.00160
-100.00	-100.00	0.00023	-90.00	-100.00	0.00025
-80.00	-100.00	0.00027	-70.00	-100.00	0.00030
-60.00	-100.00	0.00033	-50.00	-100.00	0.00038
-40.00	-100.00	0.00044	-30.00	-100.00	0.00051
-25.00	-100.00	0.00055	-20.00	-100.00	0.00060
-17.00	-100.00	0.00063	-15.00	-100.00	0.00066
-13.00	-100.00	0.00069	-11.00	-100.00	0.00073
-9.00	-100.00	0.00078	9.00	-100.00	0.00128
11.00	-100.00	0.00133	13.00	-100.00	0.00137
15.00	-100.00	0.00141	17.00	-100.00	0.00146
20.00	-100.00	0.00152	25.00	-100.00	0.00165
30.00	-100.00	0.00179	40.00	-100.00	0.00203

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

50.00	-100.00	0.00217	60.00	-100.00	0.00220
70.00	-100.00	0.00215	80.00	-100.00	0.00205
90.00	-100.00	0.00191	100.00	-100.00	0.00175

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

10:11:25
 **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	0.00025	-90.00	-90.00	0.00027
-80.00	-90.00	0.00030	-70.00	-90.00	0.00033
-60.00	-90.00	0.00037	-50.00	-90.00	0.00042
-40.00	-90.00	0.00049	-30.00	-90.00	0.00057
-25.00	-90.00	0.00062	-20.00	-90.00	0.00068
-17.00	-90.00	0.00072	-15.00	-90.00	0.00075
-13.00	-90.00	0.00079	-11.00	-90.00	0.00084
-9.00	-90.00	0.00089	9.00	-90.00	0.00157
11.00	-90.00	0.00163	13.00	-90.00	0.00169
15.00	-90.00	0.00176	17.00	-90.00	0.00183
20.00	-90.00	0.00193	25.00	-90.00	0.00213
30.00	-90.00	0.00231	40.00	-90.00	0.00257
50.00	-90.00	0.00267	60.00	-90.00	0.00263
70.00	-90.00	0.00249	80.00	-90.00	0.00230
90.00	-90.00	0.00209	100.00	-90.00	0.00188
-100.00	-80.00	0.00027	-90.00	-80.00	0.00030
-80.00	-80.00	0.00033	-70.00	-80.00	0.00037
-60.00	-80.00	0.00041	-50.00	-80.00	0.00047
-40.00	-80.00	0.00054	-30.00	-80.00	0.00064
-25.00	-80.00	0.00070	-20.00	-80.00	0.00077
-17.00	-80.00	0.00082	-15.00	-80.00	0.00086
-13.00	-80.00	0.00091	-11.00	-80.00	0.00096
-9.00	-80.00	0.00103	9.00	-80.00	0.00197
11.00	-80.00	0.00206	13.00	-80.00	0.00216
15.00	-80.00	0.00227	17.00	-80.00	0.00238
20.00	-80.00	0.00256	25.00	-80.00	0.00283
30.00	-80.00	0.00305	40.00	-80.00	0.00328
50.00	-80.00	0.00326	60.00	-80.00	0.00308
70.00	-80.00	0.00282	80.00	-80.00	0.00253
90.00	-80.00	0.00225	100.00	-80.00	0.00199
-100.00	-70.00	0.00030	-90.00	-70.00	0.00033

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-80.00	-70.00	0.00037	-70.00	-70.00	0.00041
-60.00	-70.00	0.00047	-50.00	-70.00	0.00053
-40.00	-70.00	0.00061	-30.00	-70.00	0.00071
-25.00	-70.00	0.00078	-20.00	-70.00	0.00087
-17.00	-70.00	0.00093	-15.00	-70.00	0.00098
-13.00	-70.00	0.00104	-11.00	-70.00	0.00110
-9.00	-70.00	0.00118	9.00	-70.00	0.00257
11.00	-70.00	0.00274	13.00	-70.00	0.00292
15.00	-70.00	0.00310	17.00	-70.00	0.00328

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

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

10:11:25

**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	0.00353	25.00	-70.00	0.00386
30.00	-70.00	0.00406	40.00	-70.00	0.00412
50.00	-70.00	0.00388	60.00	-70.00	0.00350
70.00	-70.00	0.00310	80.00	-70.00	0.00271
90.00	-70.00	0.00236	100.00	-70.00	0.00205
-100.00	-60.00	0.00032	-90.00	-60.00	0.00036
-80.00	-60.00	0.00040	-70.00	-60.00	0.00046
-60.00	-60.00	0.00052	-50.00	-60.00	0.00060
-40.00	-60.00	0.00070	-30.00	-60.00	0.00081
-25.00	-60.00	0.00089	-20.00	-60.00	0.00098
-17.00	-60.00	0.00105	-15.00	-60.00	0.00110
-13.00	-60.00	0.00117	-11.00	-60.00	0.00125
-9.00	-60.00	0.00135	9.00	-60.00	0.00364
11.00	-60.00	0.00396	13.00	-60.00	0.00426
15.00	-60.00	0.00454	17.00	-60.00	0.00477
20.00	-60.00	0.00503	25.00	-60.00	0.00527
30.00	-60.00	0.00529	40.00	-60.00	0.00496
50.00	-60.00	0.00442	60.00	-60.00	0.00384
70.00	-60.00	0.00330	80.00	-60.00	0.00282
90.00	-60.00	0.00241	100.00	-60.00	0.00206
-100.00	-50.00	0.00034	-90.00	-50.00	0.00039
-80.00	-50.00	0.00044	-70.00	-50.00	0.00050
-60.00	-50.00	0.00058	-50.00	-50.00	0.00067
-40.00	-50.00	0.00078	-30.00	-50.00	0.00093
-25.00	-50.00	0.00101	-20.00	-50.00	0.00112

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-17.00	-50.00	0.00120	-15.00	-50.00	0.00127
-13.00	-50.00	0.00134	-11.00	-50.00	0.00144
-9.00	-50.00	0.00157	9.00	-50.00	0.00599
11.00	-50.00	0.00632	13.00	-50.00	0.00654
15.00	-50.00	0.00668	17.00	-50.00	0.00676
20.00	-50.00	0.00678	25.00	-50.00	0.00663
30.00	-50.00	0.00634	40.00	-50.00	0.00558
50.00	-50.00	0.00478	60.00	-50.00	0.00403
70.00	-50.00	0.00339	80.00	-50.00	0.00285
90.00	-50.00	0.00240	100.00	-50.00	0.00203
-100.00	-40.00	0.00037	-90.00	-40.00	0.00043
-80.00	-40.00	0.00049	-70.00	-40.00	0.00056
-60.00	-40.00	0.00066	-50.00	-40.00	0.00077
-40.00	-40.00	0.00091	-30.00	-40.00	0.00110
-25.00	-40.00	0.00122	-20.00	-40.00	0.00137

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

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

10:11:25
 **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	0.00157
-13.00	-40.00	0.00169	-11.00	-40.00	0.00185
-9.00	-40.00	0.00206	9.00	-40.00	0.00783
11.00	-40.00	0.00787	13.00	-40.00	0.00789
15.00	-40.00	0.00788	17.00	-40.00	0.00783
20.00	-40.00	0.00769	25.00	-40.00	0.00734
30.00	-40.00	0.00688	40.00	-40.00	0.00588
50.00	-40.00	0.00491	60.00	-40.00	0.00406
70.00	-40.00	0.00336	80.00	-40.00	0.00278
90.00	-40.00	0.00231	100.00	-40.00	0.00194
-100.00	-30.00	0.00041	-90.00	-30.00	0.00047
-80.00	-30.00	0.00055	-70.00	-30.00	0.00064
-60.00	-30.00	0.00076	-50.00	-30.00	0.00090
-40.00	-30.00	0.00110	-30.00	-30.00	0.00136
-25.00	-30.00	0.00153	-20.00	-30.00	0.00174
-17.00	-30.00	0.00191	-15.00	-30.00	0.00204
-13.00	-30.00	0.00219	-11.00	-30.00	0.00237
-9.00	-30.00	0.00260	9.00	-30.00	0.00793
11.00	-30.00	0.00797	13.00	-30.00	0.00800

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00800	17.00	-30.00	0.00795
20.00	-30.00	0.00782	25.00	-30.00	0.00743
30.00	-30.00	0.00695	40.00	-30.00	0.00586
50.00	-30.00	0.00482	60.00	-30.00	0.00393
70.00	-30.00	0.00321	80.00	-30.00	0.00263
90.00	-30.00	0.00216	100.00	-30.00	0.00180
-100.00	-20.00	0.00044	-90.00	-20.00	0.00052
-80.00	-20.00	0.00061	-70.00	-20.00	0.00073
-60.00	-20.00	0.00087	-50.00	-20.00	0.00105
-40.00	-20.00	0.00128	-30.00	-20.00	0.00160
-25.00	-20.00	0.00180	-20.00	-20.00	0.00205
-17.00	-20.00	0.00222	-15.00	-20.00	0.00235
-13.00	-20.00	0.00249	-11.00	-20.00	0.00264
-9.00	-20.00	0.00283	9.00	-20.00	0.00785
11.00	-20.00	0.00789	13.00	-20.00	0.00791
15.00	-20.00	0.00790	17.00	-20.00	0.00784
20.00	-20.00	0.00768	25.00	-20.00	0.00727
30.00	-20.00	0.00676	40.00	-20.00	0.00562
50.00	-20.00	0.00456	60.00	-20.00	0.00367
70.00	-20.00	0.00296	80.00	-20.00	0.00239
90.00	-20.00	0.00196	100.00	-20.00	0.00162

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

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

10:11:25

**MODELOPTs:

PAGE 72

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00048	-90.00	-10.00	0.00057
-80.00	-10.00	0.00067	-70.00	-10.00	0.00081
-60.00	-10.00	0.00097	-50.00	-10.00	0.00118
-40.00	-10.00	0.00144	-30.00	-10.00	0.00178
-25.00	-10.00	0.00199	-20.00	-10.00	0.00222
-17.00	-10.00	0.00238	-15.00	-10.00	0.00248
-13.00	-10.00	0.00260	-11.00	-10.00	0.00273
-9.00	-10.00	0.00289	9.00	-10.00	0.00767
11.00	-10.00	0.00770	13.00	-10.00	0.00771
15.00	-10.00	0.00768	17.00	-10.00	0.00760
20.00	-10.00	0.00742	25.00	-10.00	0.00696
30.00	-10.00	0.00640	40.00	-10.00	0.00521
50.00	-10.00	0.00414	60.00	-10.00	0.00328

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00261	80.00	-10.00	0.00210
90.00	-10.00	0.00171	100.00	-10.00	0.00142
-100.00	0.00	0.00052	-90.00	0.00	0.00061
-80.00	0.00	0.00072	-70.00	0.00	0.00086
-60.00	0.00	0.00104	-50.00	0.00	0.00127
-40.00	0.00	0.00154	-30.00	0.00	0.00188
-25.00	0.00	0.00207	-20.00	0.00	0.00228
-17.00	0.00	0.00241	-15.00	0.00	0.00251
-13.00	0.00	0.00261	-11.00	0.00	0.00272
-9.00	0.00	0.00285	9.00	0.00	0.00739
11.00	0.00	0.00739	13.00	0.00	0.00738
15.00	0.00	0.00732	17.00	0.00	0.00722
20.00	0.00	0.00700	25.00	0.00	0.00647
30.00	0.00	0.00585	40.00	0.00	0.00462
50.00	0.00	0.00359	60.00	0.00	0.00280
70.00	0.00	0.00221	80.00	0.00	0.00177
90.00	0.00	0.00145	100.00	0.00	0.00120
-100.00	10.00	0.00054	-90.00	10.00	0.00064
-80.00	10.00	0.00075	-70.00	10.00	0.00090
-60.00	10.00	0.00109	-50.00	10.00	0.00132
-40.00	10.00	0.00160	-30.00	10.00	0.00192
-25.00	10.00	0.00209	-20.00	10.00	0.00227
-17.00	10.00	0.00238	-15.00	10.00	0.00246
-13.00	10.00	0.00254	-11.00	10.00	0.00263
-9.00	10.00	0.00275	9.00	10.00	0.00696
11.00	10.00	0.00693	13.00	10.00	0.00687
15.00	10.00	0.00677	17.00	10.00	0.00663

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

10:11:25
 **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	0.00634	25.00	10.00	0.00573
30.00	10.00	0.00507	40.00	10.00	0.00385
50.00	10.00	0.00292	60.00	10.00	0.00226
70.00	10.00	0.00178	80.00	10.00	0.00144
90.00	10.00	0.00118	100.00	10.00	0.00099
-100.00	20.00	0.00056	-90.00	20.00	0.00066
-80.00	20.00	0.00078	-70.00	20.00	0.00092

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00111	-50.00	20.00	0.00134
-40.00	20.00	0.00161	-30.00	20.00	0.00191
-25.00	20.00	0.00206	-20.00	20.00	0.00221
-17.00	20.00	0.00230	-15.00	20.00	0.00236
-13.00	20.00	0.00242	-11.00	20.00	0.00250
-9.00	20.00	0.00259	9.00	20.00	0.00632
11.00	20.00	0.00620	13.00	20.00	0.00607
15.00	20.00	0.00589	17.00	20.00	0.00567
20.00	20.00	0.00530	25.00	20.00	0.00462
30.00	20.00	0.00398	40.00	20.00	0.00292
50.00	20.00	0.00220	60.00	20.00	0.00171
70.00	20.00	0.00136	80.00	20.00	0.00112
90.00	20.00	0.00093	100.00	20.00	0.00079
-100.00	30.00	0.00058	-90.00	30.00	0.00067
-80.00	30.00	0.00079	-70.00	30.00	0.00093
-60.00	30.00	0.00111	-50.00	30.00	0.00132
-40.00	30.00	0.00157	-30.00	30.00	0.00184
-25.00	30.00	0.00197	-20.00	30.00	0.00211
-17.00	30.00	0.00218	-15.00	30.00	0.00223
-13.00	30.00	0.00228	-11.00	30.00	0.00233
-9.00	30.00	0.00240	9.00	30.00	0.00518
11.00	30.00	0.00491	13.00	30.00	0.00464
15.00	30.00	0.00437	17.00	30.00	0.00410
20.00	30.00	0.00371	25.00	30.00	0.00313
30.00	30.00	0.00265	40.00	30.00	0.00196
50.00	30.00	0.00151	60.00	30.00	0.00121
70.00	30.00	0.00099	80.00	30.00	0.00083
90.00	30.00	0.00071	100.00	30.00	0.00062
-100.00	40.00	0.00058	-90.00	40.00	0.00067
-80.00	40.00	0.00078	-70.00	40.00	0.00092
-60.00	40.00	0.00109	-50.00	40.00	0.00128
-40.00	40.00	0.00150	-30.00	40.00	0.00173
-25.00	40.00	0.00184	-20.00	40.00	0.00195

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

10:11:25
 **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	0.00200	-15.00	40.00	0.00204

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00207	-11.00	40.00	0.00211
-9.00	40.00	0.00215	9.00	40.00	0.00273
11.00	40.00	0.00245	13.00	40.00	0.00226
15.00	40.00	0.00211	17.00	40.00	0.00200
20.00	40.00	0.00185	25.00	40.00	0.00163
30.00	40.00	0.00146	40.00	40.00	0.00118
50.00	40.00	0.00097	60.00	40.00	0.00082
70.00	40.00	0.00070	80.00	40.00	0.00061
90.00	40.00	0.00053	100.00	40.00	0.00047
-100.00	50.00	0.00057	-90.00	50.00	0.00066
-80.00	50.00	0.00076	-70.00	50.00	0.00088
-60.00	50.00	0.00103	-50.00	50.00	0.00119
-40.00	50.00	0.00137	-30.00	50.00	0.00154
-25.00	50.00	0.00161	-20.00	50.00	0.00167
-17.00	50.00	0.00169	-15.00	50.00	0.00168
-13.00	50.00	0.00167	-11.00	50.00	0.00165
-9.00	50.00	0.00160	9.00	50.00	0.00077
11.00	50.00	0.00077	13.00	50.00	0.00077
15.00	50.00	0.00078	17.00	50.00	0.00078
20.00	50.00	0.00078	25.00	50.00	0.00077
30.00	50.00	0.00074	40.00	50.00	0.00068
50.00	50.00	0.00060	60.00	50.00	0.00054
70.00	50.00	0.00048	80.00	50.00	0.00044
90.00	50.00	0.00039	100.00	50.00	0.00036
-100.00	60.00	0.00055	-90.00	60.00	0.00063
-80.00	60.00	0.00072	-70.00	60.00	0.00082
-60.00	60.00	0.00093	-50.00	60.00	0.00105
-40.00	60.00	0.00116	-30.00	60.00	0.00125
-25.00	60.00	0.00126	-20.00	60.00	0.00124
-17.00	60.00	0.00120	-15.00	60.00	0.00116
-13.00	60.00	0.00111	-11.00	60.00	0.00105
-9.00	60.00	0.00097	9.00	60.00	0.00051
11.00	60.00	0.00050	13.00	60.00	0.00049
15.00	60.00	0.00048	17.00	60.00	0.00047
20.00	60.00	0.00046	25.00	60.00	0.00045
30.00	60.00	0.00044	40.00	60.00	0.00042
50.00	60.00	0.00039	60.00	60.00	0.00037
70.00	60.00	0.00034	80.00	60.00	0.00031
90.00	60.00	0.00029	100.00	60.00	0.00027

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

*** NCRA Cumulative DPM Impacts

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

10:11:25

**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	0.00052	-90.00	70.00	0.00058
-80.00	70.00	0.00066	-70.00	70.00	0.00073
-60.00	70.00	0.00081	-50.00	70.00	0.00089
-40.00	70.00	0.00094	-30.00	70.00	0.00096
-25.00	70.00	0.00093	-20.00	70.00	0.00087
-17.00	70.00	0.00082	-15.00	70.00	0.00077
-13.00	70.00	0.00073	-11.00	70.00	0.00068
-9.00	70.00	0.00063	9.00	70.00	0.00037
11.00	70.00	0.00036	13.00	70.00	0.00036
15.00	70.00	0.00035	17.00	70.00	0.00035
20.00	70.00	0.00034	25.00	70.00	0.00033
30.00	70.00	0.00032	40.00	70.00	0.00030
50.00	70.00	0.00028	60.00	70.00	0.00026
70.00	70.00	0.00025	80.00	70.00	0.00023
90.00	70.00	0.00022	100.00	70.00	0.00021
-100.00	80.00	0.00048	-90.00	80.00	0.00053
-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	0.00075	-30.00	80.00	0.00071
-25.00	80.00	0.00067	-20.00	80.00	0.00061
-17.00	80.00	0.00057	-15.00	80.00	0.00054
-13.00	80.00	0.00051	-11.00	80.00	0.00048
-9.00	80.00	0.00045	9.00	80.00	0.00029
11.00	80.00	0.00028	13.00	80.00	0.00028
15.00	80.00	0.00027	17.00	80.00	0.00027
20.00	80.00	0.00026	25.00	80.00	0.00026
30.00	80.00	0.00025	40.00	80.00	0.00023
50.00	80.00	0.00021	60.00	80.00	0.00020
70.00	80.00	0.00019	80.00	80.00	0.00018
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	0.00060
-40.00	90.00	0.00059	-30.00	90.00	0.00053
-25.00	90.00	0.00049	-20.00	90.00	0.00044
-17.00	90.00	0.00041	-15.00	90.00	0.00039
-13.00	90.00	0.00038	-11.00	90.00	0.00036
-9.00	90.00	0.00034	9.00	90.00	0.00023
11.00	90.00	0.00023	13.00	90.00	0.00022

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

15.00 90.00 0.00022 17.00 90.00 0.00021

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

10:11:25

**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	0.00021	25.00	90.00	0.00021
30.00	90.00	0.00020	40.00	90.00	0.00019
50.00	90.00	0.00018	60.00	90.00	0.00016
70.00	90.00	0.00015	80.00	90.00	0.00014
90.00	90.00	0.00014	100.00	90.00	0.00013
-100.00	100.00	0.00039	-90.00	100.00	0.00042
-80.00	100.00	0.00045	-70.00	100.00	0.00047
-60.00	100.00	0.00049	-50.00	100.00	0.00049
-40.00	100.00	0.00046	-30.00	100.00	0.00040
-25.00	100.00	0.00037	-20.00	100.00	0.00034
-17.00	100.00	0.00032	-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	0.00019
11.00	100.00	0.00019	13.00	100.00	0.00018
15.00	100.00	0.00018	17.00	100.00	0.00018
20.00	100.00	0.00017	25.00	100.00	0.00017
30.00	100.00	0.00017	40.00	100.00	0.00016
50.00	100.00	0.00015	60.00	100.00	0.00014
70.00	100.00	0.00013	80.00	100.00	0.00012
90.00	100.00	0.00011	100.00	100.00	0.00011
-100.00	110.00	0.00036	-90.00	110.00	0.00038
-80.00	110.00	0.00039	-70.00	110.00	0.00040
-60.00	110.00	0.00041	-50.00	110.00	0.00039
-40.00	110.00	0.00036	-30.00	110.00	0.00031
-25.00	110.00	0.00029	-20.00	110.00	0.00026
-17.00	110.00	0.00025	-15.00	110.00	0.00024
-13.00	110.00	0.00023	-11.00	110.00	0.00023
-9.00	110.00	0.00022	9.00	110.00	0.00016
11.00	110.00	0.00016	13.00	110.00	0.00015
15.00	110.00	0.00015	17.00	110.00	0.00015
20.00	110.00	0.00014	25.00	110.00	0.00014
30.00	110.00	0.00014	40.00	110.00	0.00013
50.00	110.00	0.00013	60.00	110.00	0.00012

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

70.00	110.00	0.00011	80.00	110.00	0.00010
90.00	110.00	0.00010	100.00	110.00	0.00009
-100.00	120.00	0.00032	-90.00	120.00	0.00033
-80.00	120.00	0.00034	-70.00	120.00	0.00034
-60.00	120.00	0.00034	-50.00	120.00	0.00032
-40.00	120.00	0.00029	-30.00	120.00	0.00025
-25.00	120.00	0.00023	-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 ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00020	-15.00	120.00	0.00020
-13.00	120.00	0.00019	-11.00	120.00	0.00019
-9.00	120.00	0.00018	9.00	120.00	0.00014
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	0.00012	25.00	120.00	0.00012
30.00	120.00	0.00012	40.00	120.00	0.00011
50.00	120.00	0.00011	60.00	120.00	0.00011
70.00	120.00	0.00010	80.00	120.00	0.00009
90.00	120.00	0.00009	100.00	120.00	0.00008
-100.00	130.00	0.00028	-90.00	130.00	0.00029
-80.00	130.00	0.00029	-70.00	130.00	0.00029
-60.00	130.00	0.00028	-50.00	130.00	0.00026
-40.00	130.00	0.00023	-30.00	130.00	0.00020
-25.00	130.00	0.00019	-20.00	130.00	0.00018
-17.00	130.00	0.00017	-15.00	130.00	0.00017
-13.00	130.00	0.00016	-11.00	130.00	0.00016
-9.00	130.00	0.00015	9.00	130.00	0.00012
11.00	130.00	0.00012	13.00	130.00	0.00011
15.00	130.00	0.00011	17.00	130.00	0.00011
20.00	130.00	0.00011	25.00	130.00	0.00010
30.00	130.00	0.00010	40.00	130.00	0.00010
50.00	130.00	0.00010	60.00	130.00	0.00009
70.00	130.00	0.00009	80.00	130.00	0.00008
90.00	130.00	0.00008	100.00	130.00	0.00007
-100.00	140.00	0.00025	-90.00	140.00	0.00026
-80.00	140.00	0.00025	-70.00	140.00	0.00025

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-60.00	140.00	0.00023	-50.00	140.00	0.00022
-40.00	140.00	0.00019	-30.00	140.00	0.00017
-25.00	140.00	0.00016	-20.00	140.00	0.00015
-17.00	140.00	0.00014	-15.00	140.00	0.00014
-13.00	140.00	0.00014	-11.00	140.00	0.00014
-9.00	140.00	0.00013	9.00	140.00	0.00010
11.00	140.00	0.00010	13.00	140.00	0.00010
15.00	140.00	0.00010	17.00	140.00	0.00010
20.00	140.00	0.00009	25.00	140.00	0.00009
30.00	140.00	0.00009	40.00	140.00	0.00008
50.00	140.00	0.00008	60.00	140.00	0.00008
70.00	140.00	0.00008	80.00	140.00	0.00007
90.00	140.00	0.00007	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 ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00022	-90.00	150.00	0.00022
-80.00	150.00	0.00022	-70.00	150.00	0.00021
-60.00	150.00	0.00020	-50.00	150.00	0.00018
-40.00	150.00	0.00016	-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	0.00012
-9.00	150.00	0.00011	9.00	150.00	0.00009
11.00	150.00	0.00009	13.00	150.00	0.00009
15.00	150.00	0.00009	17.00	150.00	0.00008
20.00	150.00	0.00008	25.00	150.00	0.00008
30.00	150.00	0.00008	40.00	150.00	0.00007
50.00	150.00	0.00007	60.00	150.00	0.00007
70.00	150.00	0.00007	80.00	150.00	0.00007
90.00	150.00	0.00006	100.00	150.00	0.00006
-100.00	160.00	0.00020	-90.00	160.00	0.00019
-80.00	160.00	0.00019	-70.00	160.00	0.00018
-60.00	160.00	0.00017	-50.00	160.00	0.00015
-40.00	160.00	0.00014	-30.00	160.00	0.00012
-25.00	160.00	0.00012	-20.00	160.00	0.00011
-17.00	160.00	0.00011	-15.00	160.00	0.00011

04NCRA_PL94-300_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	0.00007
20.00	160.00	0.00007	25.00	160.00	0.00007
30.00	160.00	0.00007	40.00	160.00	0.00007
50.00	160.00	0.00006	60.00	160.00	0.00006
70.00	160.00	0.00006	80.00	160.00	0.00006
90.00	160.00	0.00006	100.00	160.00	0.00005
-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	0.00013
-40.00	170.00	0.00012	-30.00	170.00	0.00011
-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	0.00009	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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00007	25.00	170.00	0.00006
30.00	170.00	0.00006	40.00	170.00	0.00006
50.00	170.00	0.00006	60.00	170.00	0.00006
70.00	170.00	0.00006	80.00	170.00	0.00005
90.00	170.00	0.00005	100.00	170.00	0.00005
-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	0.00009
-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	0.00006	13.00	180.00	0.00006
15.00	180.00	0.00006	17.00	180.00	0.00006

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

20.00	180.00	0.00006	25.00	180.00	0.00006
30.00	180.00	0.00005	40.00	180.00	0.00005
50.00	180.00	0.00005	60.00	180.00	0.00005
70.00	180.00	0.00005	80.00	180.00	0.00005
90.00	180.00	0.00005	100.00	180.00	0.00005
-100.00	190.00	0.00014	-90.00	190.00	0.00013
-80.00	190.00	0.00013	-70.00	190.00	0.00012
-60.00	190.00	0.00011	-50.00	190.00	0.00010
-40.00	190.00	0.00009	-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	0.00007
-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	0.00005	25.00	190.00	0.00005
30.00	190.00	0.00005	40.00	190.00	0.00005
50.00	190.00	0.00005	60.00	190.00	0.00005
70.00	190.00	0.00005	80.00	190.00	0.00004
90.00	190.00	0.00004	100.00	190.00	0.00004
-100.00	200.00	0.00012	-90.00	200.00	0.00012
-80.00	200.00	0.00011	-70.00	200.00	0.00010
-60.00	200.00	0.00010	-50.00	200.00	0.00009
-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 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00007	-15.00	200.00	0.00007
-13.00	200.00	0.00007	-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	0.00004
50.00	200.00	0.00004	60.00	200.00	0.00004
70.00	200.00	0.00004	80.00	200.00	0.00004

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00004	100.00	200.00	0.00004
-100.00	210.00	0.00011	-90.00	210.00	0.00010
-80.00	210.00	0.00010	-70.00	210.00	0.00009
-60.00	210.00	0.00008	-50.00	210.00	0.00008
-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	0.00006	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	0.00004	25.00	210.00	0.00004
30.00	210.00	0.00004	40.00	210.00	0.00004
50.00	210.00	0.00004	60.00	210.00	0.00004
70.00	210.00	0.00004	80.00	210.00	0.00004
90.00	210.00	0.00004	100.00	210.00	0.00004
-100.00	220.00	0.00010	-90.00	220.00	0.00009
-80.00	220.00	0.00009	-70.00	220.00	0.00008
-60.00	220.00	0.00008	-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	0.00006
-17.00	220.00	0.00006	-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	0.00004	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	0.00003
70.00	220.00	0.00003	80.00	220.00	0.00003
90.00	220.00	0.00003	100.00	220.00	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_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	0.00009	-90.00	230.00	0.00008
-80.00	230.00	0.00008	-70.00	230.00	0.00007
-60.00	230.00	0.00007	-50.00	230.00	0.00006

04NCRA_PL94-300_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	0.00003
50.00	230.00	0.00003	60.00	230.00	0.00003
70.00	230.00	0.00003	80.00	230.00	0.00003
90.00	230.00	0.00003	100.00	230.00	0.00003
-100.00	240.00	0.00008	-90.00	240.00	0.00007
-80.00	240.00	0.00007	-70.00	240.00	0.00007
-60.00	240.00	0.00006	-50.00	240.00	0.00006
-40.00	240.00	0.00005	-30.00	240.00	0.00005
-25.00	240.00	0.00005	-20.00	240.00	0.00005
-17.00	240.00	0.00005	-15.00	240.00	0.00005
-13.00	240.00	0.00005	-11.00	240.00	0.00004
-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	0.00003
30.00	240.00	0.00003	40.00	240.00	0.00003
50.00	240.00	0.00003	60.00	240.00	0.00003
70.00	240.00	0.00003	80.00	240.00	0.00003
90.00	240.00	0.00003	100.00	240.00	0.00003
-100.00	250.00	0.00007	-90.00	250.00	0.00007
-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	0.00005
-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 ***

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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 ,

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

10:11:25
 **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	-250.00	0.00014	-90.00	-250.00	0.00016
-80.00	-250.00	0.00017	-70.00	-250.00	0.00019
-60.00	-250.00	0.00021	-50.00	-250.00	0.00022
-40.00	-250.00	0.00024	-30.00	-250.00	0.00027
-25.00	-250.00	0.00029	-20.00	-250.00	0.00031
-17.00	-250.00	0.00033	-15.00	-250.00	0.00034
-13.00	-250.00	0.00035	-11.00	-250.00	0.00036
-9.00	-250.00	0.00038	9.00	-250.00	0.00051
11.00	-250.00	0.00052	13.00	-250.00	0.00053
15.00	-250.00	0.00055	17.00	-250.00	0.00056
20.00	-250.00	0.00057	25.00	-250.00	0.00059
30.00	-250.00	0.00061	40.00	-250.00	0.00066
50.00	-250.00	0.00072	60.00	-250.00	0.00078
70.00	-250.00	0.00084	80.00	-250.00	0.00088
90.00	-250.00	0.00091	100.00	-250.00	0.00092
-100.00	-240.00	0.00015	-90.00	-240.00	0.00016
-80.00	-240.00	0.00018	-70.00	-240.00	0.00020
-60.00	-240.00	0.00022	-50.00	-240.00	0.00024
-40.00	-240.00	0.00027	-30.00	-240.00	0.00029
-25.00	-240.00	0.00031	-20.00	-240.00	0.00034
-17.00	-240.00	0.00036	-15.00	-240.00	0.00037
-13.00	-240.00	0.00039	-11.00	-240.00	0.00040
-9.00	-240.00	0.00042	9.00	-240.00	0.00058
11.00	-240.00	0.00059	13.00	-240.00	0.00061
15.00	-240.00	0.00062	17.00	-240.00	0.00063
20.00	-240.00	0.00065	25.00	-240.00	0.00068

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

30.00	-240.00	0.00070	40.00	-240.00	0.00077
50.00	-240.00	0.00084	60.00	-240.00	0.00091
70.00	-240.00	0.00097	80.00	-240.00	0.00101
90.00	-240.00	0.00103	100.00	-240.00	0.00103
-100.00	-230.00	0.00016	-90.00	-230.00	0.00018
-80.00	-230.00	0.00019	-70.00	-230.00	0.00022
-60.00	-230.00	0.00024	-50.00	-230.00	0.00027
-40.00	-230.00	0.00029	-30.00	-230.00	0.00033
-25.00	-230.00	0.00035	-20.00	-230.00	0.00038
-17.00	-230.00	0.00040	-15.00	-230.00	0.00041
-13.00	-230.00	0.00043	-11.00	-230.00	0.00045
-9.00	-230.00	0.00047	9.00	-230.00	0.00066
11.00	-230.00	0.00068	13.00	-230.00	0.00070
15.00	-230.00	0.00071	17.00	-230.00	0.00073

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

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

10:11:25

**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	0.00075	25.00	-230.00	0.00078
30.00	-230.00	0.00082	40.00	-230.00	0.00090
50.00	-230.00	0.00099	60.00	-230.00	0.00108
70.00	-230.00	0.00114	80.00	-230.00	0.00117
90.00	-230.00	0.00118	100.00	-230.00	0.00116
-100.00	-220.00	0.00017	-90.00	-220.00	0.00019
-80.00	-220.00	0.00021	-70.00	-220.00	0.00023
-60.00	-220.00	0.00026	-50.00	-220.00	0.00029
-40.00	-220.00	0.00032	-30.00	-220.00	0.00036
-25.00	-220.00	0.00039	-20.00	-220.00	0.00042
-17.00	-220.00	0.00044	-15.00	-220.00	0.00046
-13.00	-220.00	0.00048	-11.00	-220.00	0.00050
-9.00	-220.00	0.00053	9.00	-220.00	0.00077
11.00	-220.00	0.00079	13.00	-220.00	0.00081
15.00	-220.00	0.00083	17.00	-220.00	0.00085
20.00	-220.00	0.00087	25.00	-220.00	0.00092
30.00	-220.00	0.00096	40.00	-220.00	0.00108
50.00	-220.00	0.00119	60.00	-220.00	0.00128
70.00	-220.00	0.00134	80.00	-220.00	0.00135
90.00	-220.00	0.00134	100.00	-220.00	0.00130

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-100.00	-210.00	0.00019	-90.00	-210.00	0.00020
-80.00	-210.00	0.00022	-70.00	-210.00	0.00025
-60.00	-210.00	0.00028	-50.00	-210.00	0.00032
-40.00	-210.00	0.00036	-30.00	-210.00	0.00040
-25.00	-210.00	0.00043	-20.00	-210.00	0.00047
-17.00	-210.00	0.00050	-15.00	-210.00	0.00052
-13.00	-210.00	0.00054	-11.00	-210.00	0.00057
-9.00	-210.00	0.00060	9.00	-210.00	0.00090
11.00	-210.00	0.00093	13.00	-210.00	0.00095
15.00	-210.00	0.00097	17.00	-210.00	0.00100
20.00	-210.00	0.00103	25.00	-210.00	0.00109
30.00	-210.00	0.00116	40.00	-210.00	0.00131
50.00	-210.00	0.00144	60.00	-210.00	0.00153
70.00	-210.00	0.00157	80.00	-210.00	0.00156
90.00	-210.00	0.00152	100.00	-210.00	0.00145
-100.00	-200.00	0.00020	-90.00	-200.00	0.00022
-80.00	-200.00	0.00024	-70.00	-200.00	0.00027
-60.00	-200.00	0.00031	-50.00	-200.00	0.00035
-40.00	-200.00	0.00040	-30.00	-200.00	0.00045
-25.00	-200.00	0.00049	-20.00	-200.00	0.00053

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

10:11:25
 **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	0.00056	-15.00	-200.00	0.00058
-13.00	-200.00	0.00061	-11.00	-200.00	0.00064
-9.00	-200.00	0.00068	9.00	-200.00	0.00107
11.00	-200.00	0.00110	13.00	-200.00	0.00113
15.00	-200.00	0.00116	17.00	-200.00	0.00119
20.00	-200.00	0.00124	25.00	-200.00	0.00133
30.00	-200.00	0.00142	40.00	-200.00	0.00161
50.00	-200.00	0.00176	60.00	-200.00	0.00184
70.00	-200.00	0.00184	80.00	-200.00	0.00180
90.00	-200.00	0.00171	100.00	-200.00	0.00160
-100.00	-190.00	0.00023	-90.00	-190.00	0.00025
-80.00	-190.00	0.00027	-70.00	-190.00	0.00030
-60.00	-190.00	0.00033	-50.00	-190.00	0.00038
-40.00	-190.00	0.00044	-30.00	-190.00	0.00051

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-25.00	-190.00	0.00055	-20.00	-190.00	0.00060
-17.00	-190.00	0.00063	-15.00	-190.00	0.00066
-13.00	-190.00	0.00069	-11.00	-190.00	0.00073
-9.00	-190.00	0.00078	9.00	-190.00	0.00128
11.00	-190.00	0.00133	13.00	-190.00	0.00137
15.00	-190.00	0.00141	17.00	-190.00	0.00146
20.00	-190.00	0.00152	25.00	-190.00	0.00165
30.00	-190.00	0.00179	40.00	-190.00	0.00203
50.00	-190.00	0.00217	60.00	-190.00	0.00220
70.00	-190.00	0.00215	80.00	-190.00	0.00205
90.00	-190.00	0.00191	100.00	-190.00	0.00175
-100.00	-180.00	0.00025	-90.00	-180.00	0.00027
-80.00	-180.00	0.00030	-70.00	-180.00	0.00033
-60.00	-180.00	0.00037	-50.00	-180.00	0.00042
-40.00	-180.00	0.00049	-30.00	-180.00	0.00057
-25.00	-180.00	0.00062	-20.00	-180.00	0.00068
-17.00	-180.00	0.00072	-15.00	-180.00	0.00075
-13.00	-180.00	0.00079	-11.00	-180.00	0.00084
-9.00	-180.00	0.00089	9.00	-180.00	0.00157
11.00	-180.00	0.00163	13.00	-180.00	0.00169
15.00	-180.00	0.00176	17.00	-180.00	0.00183
20.00	-180.00	0.00193	25.00	-180.00	0.00213
30.00	-180.00	0.00231	40.00	-180.00	0.00257
50.00	-180.00	0.00267	60.00	-180.00	0.00263
70.00	-180.00	0.00249	80.00	-180.00	0.00230
90.00	-180.00	0.00209	100.00	-180.00	0.00188

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

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

10:11:25

**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	0.00027	-90.00	-170.00	0.00030
-80.00	-170.00	0.00033	-70.00	-170.00	0.00037
-60.00	-170.00	0.00041	-50.00	-170.00	0.00047
-40.00	-170.00	0.00054	-30.00	-170.00	0.00064
-25.00	-170.00	0.00070	-20.00	-170.00	0.00077
-17.00	-170.00	0.00082	-15.00	-170.00	0.00086
-13.00	-170.00	0.00091	-11.00	-170.00	0.00096
-9.00	-170.00	0.00103	9.00	-170.00	0.00197

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00206	13.00	-170.00	0.00216
15.00	-170.00	0.00227	17.00	-170.00	0.00238
20.00	-170.00	0.00256	25.00	-170.00	0.00283
30.00	-170.00	0.00305	40.00	-170.00	0.00328
50.00	-170.00	0.00326	60.00	-170.00	0.00308
70.00	-170.00	0.00282	80.00	-170.00	0.00253
90.00	-170.00	0.00225	100.00	-170.00	0.00199
-100.00	-160.00	0.00030	-90.00	-160.00	0.00033
-80.00	-160.00	0.00037	-70.00	-160.00	0.00041
-60.00	-160.00	0.00047	-50.00	-160.00	0.00053
-40.00	-160.00	0.00061	-30.00	-160.00	0.00071
-25.00	-160.00	0.00078	-20.00	-160.00	0.00087
-17.00	-160.00	0.00093	-15.00	-160.00	0.00098
-13.00	-160.00	0.00104	-11.00	-160.00	0.00110
-9.00	-160.00	0.00118	9.00	-160.00	0.00257
11.00	-160.00	0.00274	13.00	-160.00	0.00292
15.00	-160.00	0.00310	17.00	-160.00	0.00328
20.00	-160.00	0.00353	25.00	-160.00	0.00386
30.00	-160.00	0.00406	40.00	-160.00	0.00412
50.00	-160.00	0.00388	60.00	-160.00	0.00350
70.00	-160.00	0.00310	80.00	-160.00	0.00271
90.00	-160.00	0.00236	100.00	-160.00	0.00205
-100.00	-150.00	0.00032	-90.00	-150.00	0.00036
-80.00	-150.00	0.00040	-70.00	-150.00	0.00046
-60.00	-150.00	0.00052	-50.00	-150.00	0.00060
-40.00	-150.00	0.00070	-30.00	-150.00	0.00081
-25.00	-150.00	0.00089	-20.00	-150.00	0.00098
-17.00	-150.00	0.00105	-15.00	-150.00	0.00110
-13.00	-150.00	0.00117	-11.00	-150.00	0.00125
-9.00	-150.00	0.00135	9.00	-150.00	0.00364
11.00	-150.00	0.00396	13.00	-150.00	0.00426
15.00	-150.00	0.00454	17.00	-150.00	0.00477

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

10:11:25
 **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	0.00503	25.00	-150.00	0.00527
30.00	-150.00	0.00529	40.00	-150.00	0.00496

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00442	60.00	-150.00	0.00384
70.00	-150.00	0.00330	80.00	-150.00	0.00282
90.00	-150.00	0.00241	100.00	-150.00	0.00206
-100.00	-140.00	0.00034	-90.00	-140.00	0.00039
-80.00	-140.00	0.00044	-70.00	-140.00	0.00050
-60.00	-140.00	0.00058	-50.00	-140.00	0.00067
-40.00	-140.00	0.00078	-30.00	-140.00	0.00093
-25.00	-140.00	0.00101	-20.00	-140.00	0.00112
-17.00	-140.00	0.00120	-15.00	-140.00	0.00127
-13.00	-140.00	0.00134	-11.00	-140.00	0.00144
-9.00	-140.00	0.00157	9.00	-140.00	0.00599
11.00	-140.00	0.00632	13.00	-140.00	0.00654
15.00	-140.00	0.00668	17.00	-140.00	0.00676
20.00	-140.00	0.00678	25.00	-140.00	0.00663
30.00	-140.00	0.00634	40.00	-140.00	0.00558
50.00	-140.00	0.00478	60.00	-140.00	0.00403
70.00	-140.00	0.00339	80.00	-140.00	0.00285
90.00	-140.00	0.00240	100.00	-140.00	0.00203
-100.00	-130.00	0.00037	-90.00	-130.00	0.00043
-80.00	-130.00	0.00049	-70.00	-130.00	0.00056
-60.00	-130.00	0.00066	-50.00	-130.00	0.00077
-40.00	-130.00	0.00091	-30.00	-130.00	0.00110
-25.00	-130.00	0.00122	-20.00	-130.00	0.00137
-17.00	-130.00	0.00148	-15.00	-130.00	0.00157
-13.00	-130.00	0.00169	-11.00	-130.00	0.00185
-9.00	-130.00	0.00206	9.00	-130.00	0.00783
11.00	-130.00	0.00787	13.00	-130.00	0.00789
15.00	-130.00	0.00788	17.00	-130.00	0.00783
20.00	-130.00	0.00769	25.00	-130.00	0.00734
30.00	-130.00	0.00688	40.00	-130.00	0.00588
50.00	-130.00	0.00491	60.00	-130.00	0.00406
70.00	-130.00	0.00336	80.00	-130.00	0.00278
90.00	-130.00	0.00231	100.00	-130.00	0.00194
-100.00	-120.00	0.00041	-90.00	-120.00	0.00047
-80.00	-120.00	0.00055	-70.00	-120.00	0.00064
-60.00	-120.00	0.00076	-50.00	-120.00	0.00090
-40.00	-120.00	0.00110	-30.00	-120.00	0.00136
-25.00	-120.00	0.00153	-20.00	-120.00	0.00174

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

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

10:11:25
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

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

04NCRA PL94-300_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	0.00191	-15.00	-120.00	0.00204	
-13.00	-120.00	0.00219	-11.00	-120.00	0.00237	
-9.00	-120.00	0.00260	9.00	-120.00	0.00793	
11.00	-120.00	0.00797	13.00	-120.00	0.00800	
15.00	-120.00	0.00800	17.00	-120.00	0.00795	
20.00	-120.00	0.00782	25.00	-120.00	0.00743	
30.00	-120.00	0.00695	40.00	-120.00	0.00586	
50.00	-120.00	0.00482	60.00	-120.00	0.00393	
70.00	-120.00	0.00321	80.00	-120.00	0.00263	
90.00	-120.00	0.00216	100.00	-120.00	0.00180	
-100.00	-110.00	0.00044	-90.00	-110.00	0.00052	
-80.00	-110.00	0.00061	-70.00	-110.00	0.00073	
-60.00	-110.00	0.00087	-50.00	-110.00	0.00105	
-40.00	-110.00	0.00128	-30.00	-110.00	0.00160	
-25.00	-110.00	0.00180	-20.00	-110.00	0.00205	
-17.00	-110.00	0.00222	-15.00	-110.00	0.00235	
-13.00	-110.00	0.00249	-11.00	-110.00	0.00264	
-9.00	-110.00	0.00283	9.00	-110.00	0.00785	
11.00	-110.00	0.00789	13.00	-110.00	0.00791	
15.00	-110.00	0.00790	17.00	-110.00	0.00784	
20.00	-110.00	0.00768	25.00	-110.00	0.00727	
30.00	-110.00	0.00676	40.00	-110.00	0.00562	
50.00	-110.00	0.00456	60.00	-110.00	0.00367	
70.00	-110.00	0.00296	80.00	-110.00	0.00239	
90.00	-110.00	0.00196	100.00	-110.00	0.00162	
-100.00	-100.00	0.00048	-90.00	-100.00	0.00057	
-80.00	-100.00	0.00067	-70.00	-100.00	0.00081	
-60.00	-100.00	0.00097	-50.00	-100.00	0.00118	
-40.00	-100.00	0.00144	-30.00	-100.00	0.00178	
-25.00	-100.00	0.00199	-20.00	-100.00	0.00222	
-17.00	-100.00	0.00238	-15.00	-100.00	0.00248	
-13.00	-100.00	0.00260	-11.00	-100.00	0.00273	
-9.00	-100.00	0.00289	9.00	-100.00	0.00767	
11.00	-100.00	0.00770	13.00	-100.00	0.00771	
15.00	-100.00	0.00768	17.00	-100.00	0.00760	
20.00	-100.00	0.00742	25.00	-100.00	0.00696	
30.00	-100.00	0.00640	40.00	-100.00	0.00521	
50.00	-100.00	0.00414	60.00	-100.00	0.00328	
70.00	-100.00	0.00261	80.00	-100.00	0.00210	
90.00	-100.00	0.00171	100.00	-100.00	0.00142	

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

*** NCRA Cumulative DPM Impacts

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

10:11:25

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00052	-90.00	-90.00	0.00061
-80.00	-90.00	0.00072	-70.00	-90.00	0.00086
-60.00	-90.00	0.00104	-50.00	-90.00	0.00127
-40.00	-90.00	0.00154	-30.00	-90.00	0.00188
-25.00	-90.00	0.00207	-20.00	-90.00	0.00228
-17.00	-90.00	0.00241	-15.00	-90.00	0.00251
-13.00	-90.00	0.00261	-11.00	-90.00	0.00272
-9.00	-90.00	0.00285	9.00	-90.00	0.00739
11.00	-90.00	0.00739	13.00	-90.00	0.00738
15.00	-90.00	0.00732	17.00	-90.00	0.00722
20.00	-90.00	0.00700	25.00	-90.00	0.00647
30.00	-90.00	0.00585	40.00	-90.00	0.00462
50.00	-90.00	0.00359	60.00	-90.00	0.00280
70.00	-90.00	0.00221	80.00	-90.00	0.00177
90.00	-90.00	0.00145	100.00	-90.00	0.00120
-100.00	-80.00	0.00054	-90.00	-80.00	0.00064
-80.00	-80.00	0.00075	-70.00	-80.00	0.00090
-60.00	-80.00	0.00109	-50.00	-80.00	0.00132
-40.00	-80.00	0.00160	-30.00	-80.00	0.00192
-25.00	-80.00	0.00209	-20.00	-80.00	0.00227
-17.00	-80.00	0.00238	-15.00	-80.00	0.00246
-13.00	-80.00	0.00254	-11.00	-80.00	0.00263
-9.00	-80.00	0.00275	9.00	-80.00	0.00696
11.00	-80.00	0.00693	13.00	-80.00	0.00687
15.00	-80.00	0.00677	17.00	-80.00	0.00663
20.00	-80.00	0.00634	25.00	-80.00	0.00573
30.00	-80.00	0.00507	40.00	-80.00	0.00385
50.00	-80.00	0.00292	60.00	-80.00	0.00226
70.00	-80.00	0.00178	80.00	-80.00	0.00144
90.00	-80.00	0.00118	100.00	-80.00	0.00099
-100.00	-70.00	0.00056	-90.00	-70.00	0.00066
-80.00	-70.00	0.00078	-70.00	-70.00	0.00092
-60.00	-70.00	0.00111	-50.00	-70.00	0.00134
-40.00	-70.00	0.00161	-30.00	-70.00	0.00191

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-25.00	-70.00	0.00206	-20.00	-70.00	0.00221
-17.00	-70.00	0.00230	-15.00	-70.00	0.00236
-13.00	-70.00	0.00242	-11.00	-70.00	0.00250
-9.00	-70.00	0.00259	9.00	-70.00	0.00632
11.00	-70.00	0.00620	13.00	-70.00	0.00607
15.00	-70.00	0.00589	17.00	-70.00	0.00567

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

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

10:11:25

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00530	25.00	-70.00	0.00462
30.00	-70.00	0.00398	40.00	-70.00	0.00292
50.00	-70.00	0.00220	60.00	-70.00	0.00171
70.00	-70.00	0.00136	80.00	-70.00	0.00112
90.00	-70.00	0.00093	100.00	-70.00	0.00079
-100.00	-60.00	0.00058	-90.00	-60.00	0.00067
-80.00	-60.00	0.00079	-70.00	-60.00	0.00093
-60.00	-60.00	0.00111	-50.00	-60.00	0.00132
-40.00	-60.00	0.00157	-30.00	-60.00	0.00184
-25.00	-60.00	0.00197	-20.00	-60.00	0.00211
-17.00	-60.00	0.00218	-15.00	-60.00	0.00223
-13.00	-60.00	0.00228	-11.00	-60.00	0.00233
-9.00	-60.00	0.00240	9.00	-60.00	0.00518
11.00	-60.00	0.00491	13.00	-60.00	0.00464
15.00	-60.00	0.00437	17.00	-60.00	0.00410
20.00	-60.00	0.00371	25.00	-60.00	0.00313
30.00	-60.00	0.00265	40.00	-60.00	0.00196
50.00	-60.00	0.00151	60.00	-60.00	0.00121
70.00	-60.00	0.00099	80.00	-60.00	0.00083
90.00	-60.00	0.00071	100.00	-60.00	0.00062
-100.00	-50.00	0.00058	-90.00	-50.00	0.00067
-80.00	-50.00	0.00078	-70.00	-50.00	0.00092
-60.00	-50.00	0.00109	-50.00	-50.00	0.00128
-40.00	-50.00	0.00150	-30.00	-50.00	0.00173
-25.00	-50.00	0.00184	-20.00	-50.00	0.00195
-17.00	-50.00	0.00200	-15.00	-50.00	0.00204
-13.00	-50.00	0.00207	-11.00	-50.00	0.00211
-9.00	-50.00	0.00215	9.00	-50.00	0.00273

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

11.00	-50.00	0.00245	13.00	-50.00	0.00226
15.00	-50.00	0.00211	17.00	-50.00	0.00200
20.00	-50.00	0.00185	25.00	-50.00	0.00163
30.00	-50.00	0.00146	40.00	-50.00	0.00118
50.00	-50.00	0.00097	60.00	-50.00	0.00082
70.00	-50.00	0.00070	80.00	-50.00	0.00061
90.00	-50.00	0.00053	100.00	-50.00	0.00047
-100.00	-40.00	0.00057	-90.00	-40.00	0.00066
-80.00	-40.00	0.00076	-70.00	-40.00	0.00088
-60.00	-40.00	0.00103	-50.00	-40.00	0.00119
-40.00	-40.00	0.00137	-30.00	-40.00	0.00154
-25.00	-40.00	0.00161	-20.00	-40.00	0.00167

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

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

10:11:25

**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	0.00168
-13.00	-40.00	0.00167	-11.00	-40.00	0.00165
-9.00	-40.00	0.00160	9.00	-40.00	0.00077
11.00	-40.00	0.00077	13.00	-40.00	0.00077
15.00	-40.00	0.00078	17.00	-40.00	0.00078
20.00	-40.00	0.00078	25.00	-40.00	0.00077
30.00	-40.00	0.00074	40.00	-40.00	0.00068
50.00	-40.00	0.00060	60.00	-40.00	0.00054
70.00	-40.00	0.00048	80.00	-40.00	0.00044
90.00	-40.00	0.00039	100.00	-40.00	0.00036
-100.00	-30.00	0.00055	-90.00	-30.00	0.00063
-80.00	-30.00	0.00072	-70.00	-30.00	0.00082
-60.00	-30.00	0.00093	-50.00	-30.00	0.00105
-40.00	-30.00	0.00116	-30.00	-30.00	0.00125
-25.00	-30.00	0.00126	-20.00	-30.00	0.00124
-17.00	-30.00	0.00120	-15.00	-30.00	0.00116
-13.00	-30.00	0.00111	-11.00	-30.00	0.00105
-9.00	-30.00	0.00097	9.00	-30.00	0.00051
11.00	-30.00	0.00050	13.00	-30.00	0.00049
15.00	-30.00	0.00048	17.00	-30.00	0.00047
20.00	-30.00	0.00046	25.00	-30.00	0.00045
30.00	-30.00	0.00044	40.00	-30.00	0.00042

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

50.00	-30.00	0.00039	60.00	-30.00	0.00037
70.00	-30.00	0.00034	80.00	-30.00	0.00031
90.00	-30.00	0.00029	100.00	-30.00	0.00027
-100.00	-20.00	0.00052	-90.00	-20.00	0.00058
-80.00	-20.00	0.00066	-70.00	-20.00	0.00073
-60.00	-20.00	0.00081	-50.00	-20.00	0.00089
-40.00	-20.00	0.00094	-30.00	-20.00	0.00096
-25.00	-20.00	0.00093	-20.00	-20.00	0.00087
-17.00	-20.00	0.00082	-15.00	-20.00	0.00077
-13.00	-20.00	0.00073	-11.00	-20.00	0.00068
-9.00	-20.00	0.00063	9.00	-20.00	0.00037
11.00	-20.00	0.00036	13.00	-20.00	0.00036
15.00	-20.00	0.00035	17.00	-20.00	0.00035
20.00	-20.00	0.00034	25.00	-20.00	0.00033
30.00	-20.00	0.00032	40.00	-20.00	0.00030
50.00	-20.00	0.00028	60.00	-20.00	0.00026
70.00	-20.00	0.00025	80.00	-20.00	0.00023
90.00	-20.00	0.00022	100.00	-20.00	0.00021

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

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

10:11:25
 **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	0.00053
-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	0.00075	-30.00	-10.00	0.00071
-25.00	-10.00	0.00067	-20.00	-10.00	0.00061
-17.00	-10.00	0.00057	-15.00	-10.00	0.00054
-13.00	-10.00	0.00051	-11.00	-10.00	0.00048
-9.00	-10.00	0.00045	9.00	-10.00	0.00029
11.00	-10.00	0.00028	13.00	-10.00	0.00028
15.00	-10.00	0.00027	17.00	-10.00	0.00027
20.00	-10.00	0.00026	25.00	-10.00	0.00026
30.00	-10.00	0.00025	40.00	-10.00	0.00023
50.00	-10.00	0.00021	60.00	-10.00	0.00020
70.00	-10.00	0.00019	80.00	-10.00	0.00018
90.00	-10.00	0.00017	100.00	-10.00	0.00016
-100.00	0.00	0.00044	-90.00	0.00	0.00048

04NCRA_PL94-300_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	0.00060
-40.00	0.00	0.00059	-30.00	0.00	0.00053
-25.00	0.00	0.00049	-20.00	0.00	0.00044
-17.00	0.00	0.00041	-15.00	0.00	0.00039
-13.00	0.00	0.00038	-11.00	0.00	0.00036
-9.00	0.00	0.00034	9.00	0.00	0.00023
11.00	0.00	0.00023	13.00	0.00	0.00022
15.00	0.00	0.00022	17.00	0.00	0.00021
20.00	0.00	0.00021	25.00	0.00	0.00021
30.00	0.00	0.00020	40.00	0.00	0.00019
50.00	0.00	0.00018	60.00	0.00	0.00016
70.00	0.00	0.00015	80.00	0.00	0.00014
90.00	0.00	0.00014	100.00	0.00	0.00013
-100.00	10.00	0.00039	-90.00	10.00	0.00042
-80.00	10.00	0.00045	-70.00	10.00	0.00047
-60.00	10.00	0.00049	-50.00	10.00	0.00049
-40.00	10.00	0.00046	-30.00	10.00	0.00040
-25.00	10.00	0.00037	-20.00	10.00	0.00034
-17.00	10.00	0.00032	-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	0.00019
11.00	10.00	0.00019	13.00	10.00	0.00018
15.00	10.00	0.00018	17.00	10.00	0.00018

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

10:11:25
 **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	0.00017	25.00	10.00	0.00017
30.00	10.00	0.00017	40.00	10.00	0.00016
50.00	10.00	0.00015	60.00	10.00	0.00014
70.00	10.00	0.00013	80.00	10.00	0.00012
90.00	10.00	0.00011	100.00	10.00	0.00011
-100.00	20.00	0.00036	-90.00	20.00	0.00038
-80.00	20.00	0.00039	-70.00	20.00	0.00040
-60.00	20.00	0.00041	-50.00	20.00	0.00039
-40.00	20.00	0.00036	-30.00	20.00	0.00031
-25.00	20.00	0.00029	-20.00	20.00	0.00026

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-17.00	20.00	0.00025	-15.00	20.00	0.00024
-13.00	20.00	0.00023	-11.00	20.00	0.00023
-9.00	20.00	0.00022	9.00	20.00	0.00016
11.00	20.00	0.00016	13.00	20.00	0.00015
15.00	20.00	0.00015	17.00	20.00	0.00015
20.00	20.00	0.00014	25.00	20.00	0.00014
30.00	20.00	0.00014	40.00	20.00	0.00013
50.00	20.00	0.00013	60.00	20.00	0.00012
70.00	20.00	0.00011	80.00	20.00	0.00010
90.00	20.00	0.00010	100.00	20.00	0.00009
-100.00	30.00	0.00032	-90.00	30.00	0.00033
-80.00	30.00	0.00034	-70.00	30.00	0.00034
-60.00	30.00	0.00034	-50.00	30.00	0.00032
-40.00	30.00	0.00029	-30.00	30.00	0.00025
-25.00	30.00	0.00023	-20.00	30.00	0.00021
-17.00	30.00	0.00020	-15.00	30.00	0.00020
-13.00	30.00	0.00019	-11.00	30.00	0.00019
-9.00	30.00	0.00018	9.00	30.00	0.00014
11.00	30.00	0.00013	13.00	30.00	0.00013
15.00	30.00	0.00013	17.00	30.00	0.00013
20.00	30.00	0.00012	25.00	30.00	0.00012
30.00	30.00	0.00012	40.00	30.00	0.00011
50.00	30.00	0.00011	60.00	30.00	0.00011
70.00	30.00	0.00010	80.00	30.00	0.00009
90.00	30.00	0.00009	100.00	30.00	0.00008
-100.00	40.00	0.00028	-90.00	40.00	0.00029
-80.00	40.00	0.00029	-70.00	40.00	0.00029
-60.00	40.00	0.00028	-50.00	40.00	0.00026
-40.00	40.00	0.00023	-30.00	40.00	0.00020
-25.00	40.00	0.00019	-20.00	40.00	0.00018

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

10:11:25
 **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	0.00017
-13.00	40.00	0.00016	-11.00	40.00	0.00016
-9.00	40.00	0.00015	9.00	40.00	0.00012
11.00	40.00	0.00012	13.00	40.00	0.00011

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

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	0.00010	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	50.00	0.00025	-90.00	50.00	0.00026
-80.00	50.00	0.00025	-70.00	50.00	0.00025
-60.00	50.00	0.00023	-50.00	50.00	0.00022
-40.00	50.00	0.00019	-30.00	50.00	0.00017
-25.00	50.00	0.00016	-20.00	50.00	0.00015
-17.00	50.00	0.00014	-15.00	50.00	0.00014
-13.00	50.00	0.00014	-11.00	50.00	0.00014
-9.00	50.00	0.00013	9.00	50.00	0.00010
11.00	50.00	0.00010	13.00	50.00	0.00010
15.00	50.00	0.00010	17.00	50.00	0.00010
20.00	50.00	0.00009	25.00	50.00	0.00009
30.00	50.00	0.00009	40.00	50.00	0.00008
50.00	50.00	0.00008	60.00	50.00	0.00008
70.00	50.00	0.00008	80.00	50.00	0.00007
90.00	50.00	0.00007	100.00	50.00	0.00007
-100.00	60.00	0.00022	-90.00	60.00	0.00022
-80.00	60.00	0.00022	-70.00	60.00	0.00021
-60.00	60.00	0.00020	-50.00	60.00	0.00018
-40.00	60.00	0.00016	-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	0.00012
-9.00	60.00	0.00011	9.00	60.00	0.00009
11.00	60.00	0.00009	13.00	60.00	0.00009
15.00	60.00	0.00009	17.00	60.00	0.00008
20.00	60.00	0.00008	25.00	60.00	0.00008
30.00	60.00	0.00008	40.00	60.00	0.00007
50.00	60.00	0.00007	60.00	60.00	0.00007
70.00	60.00	0.00007	80.00	60.00	0.00007
90.00	60.00	0.00006	100.00	60.00	0.00006

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

10:11:25
 **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 ***

04NCRA PL94-300 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	0.00020	-90.00	70.00	0.00019
-80.00	70.00	0.00019	-70.00	70.00	0.00018
-60.00	70.00	0.00017	-50.00	70.00	0.00015
-40.00	70.00	0.00014	-30.00	70.00	0.00012
-25.00	70.00	0.00012	-20.00	70.00	0.00011
-17.00	70.00	0.00011	-15.00	70.00	0.00011
-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	0.00007
20.00	70.00	0.00007	25.00	70.00	0.00007
30.00	70.00	0.00007	40.00	70.00	0.00007
50.00	70.00	0.00006	60.00	70.00	0.00006
70.00	70.00	0.00006	80.00	70.00	0.00006
90.00	70.00	0.00006	100.00	70.00	0.00005
-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	0.00013
-40.00	80.00	0.00012	-30.00	80.00	0.00011
-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	0.00009	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	0.00006
30.00	80.00	0.00006	40.00	80.00	0.00006
50.00	80.00	0.00006	60.00	80.00	0.00006
70.00	80.00	0.00006	80.00	80.00	0.00005
90.00	80.00	0.00005	100.00	80.00	0.00005
-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	0.00009
-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	0.00006	13.00	90.00	0.00006
15.00	90.00	0.00006	17.00	90.00	0.00006

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

*** NCRA Cumulative DPM Impacts

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

10:11:25
 **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	0.00006	25.00	90.00	0.00006
30.00	90.00	0.00005	40.00	90.00	0.00005
50.00	90.00	0.00005	60.00	90.00	0.00005
70.00	90.00	0.00005	80.00	90.00	0.00005
90.00	90.00	0.00005	100.00	90.00	0.00005
-100.00	100.00	0.00014	-90.00	100.00	0.00013
-80.00	100.00	0.00013	-70.00	100.00	0.00012
-60.00	100.00	0.00011	-50.00	100.00	0.00010
-40.00	100.00	0.00009	-30.00	100.00	0.00008
-25.00	100.00	0.00008	-20.00	100.00	0.00008
-17.00	100.00	0.00008	-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	0.00005	25.00	100.00	0.00005
30.00	100.00	0.00005	40.00	100.00	0.00005
50.00	100.00	0.00005	60.00	100.00	0.00005
70.00	100.00	0.00005	80.00	100.00	0.00004
90.00	100.00	0.00004	100.00	100.00	0.00004
-100.00	110.00	0.00012	-90.00	110.00	0.00012
-80.00	110.00	0.00011	-70.00	110.00	0.00010
-60.00	110.00	0.00010	-50.00	110.00	0.00009
-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	0.00007
-13.00	110.00	0.00007	-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	0.00004
50.00	110.00	0.00004	60.00	110.00	0.00004
70.00	110.00	0.00004	80.00	110.00	0.00004
90.00	110.00	0.00004	100.00	110.00	0.00004
-100.00	120.00	0.00011	-90.00	120.00	0.00010

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-80.00	120.00	0.00010	-70.00	120.00	0.00009
-60.00	120.00	0.00008	-50.00	120.00	0.00008
-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 ***

10:11:25
 **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	0.00006	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	0.00004	25.00	120.00	0.00004
30.00	120.00	0.00004	40.00	120.00	0.00004
50.00	120.00	0.00004	60.00	120.00	0.00004
70.00	120.00	0.00004	80.00	120.00	0.00004
90.00	120.00	0.00004	100.00	120.00	0.00004
-100.00	130.00	0.00010	-90.00	130.00	0.00009
-80.00	130.00	0.00009	-70.00	130.00	0.00008
-60.00	130.00	0.00008	-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	0.00006
-17.00	130.00	0.00006	-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	0.00004	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	0.00003
70.00	130.00	0.00003	80.00	130.00	0.00003
90.00	130.00	0.00003	100.00	130.00	0.00003
-100.00	140.00	0.00009	-90.00	140.00	0.00008
-80.00	140.00	0.00008	-70.00	140.00	0.00007
-60.00	140.00	0.00007	-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

04NCRA_PL94-300_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	0.00003
50.00	140.00	0.00003	60.00	140.00	0.00003
70.00	140.00	0.00003	80.00	140.00	0.00003
90.00	140.00	0.00003	100.00	140.00	0.00003

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00008	-90.00	150.00	0.00007
-80.00	150.00	0.00007	-70.00	150.00	0.00007
-60.00	150.00	0.00006	-50.00	150.00	0.00006
-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	0.00005	-15.00	150.00	0.00005
-13.00	150.00	0.00005	-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	0.00003
30.00	150.00	0.00003	40.00	150.00	0.00003
50.00	150.00	0.00003	60.00	150.00	0.00003
70.00	150.00	0.00003	80.00	150.00	0.00003
90.00	150.00	0.00003	100.00	150.00	0.00003
-100.00	160.00	0.00007	-90.00	160.00	0.00007
-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	0.00005
-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

04NCRA_PL94-300_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	0.00006	-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

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

10:11:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00003	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	0.00002	80.00	170.00	0.00002
90.00	170.00	0.00002	100.00	170.00	0.00002
-100.00	180.00	0.00006	-90.00	180.00	0.00006
-80.00	180.00	0.00005	-70.00	180.00	0.00005
-60.00	180.00	0.00005	-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	0.00004	-15.00	180.00	0.00004
-13.00	180.00	0.00004	-11.00	180.00	0.00004
-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	0.00002	60.00	180.00	0.00002

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

70.00	180.00	0.00002	80.00	180.00	0.00002
90.00	180.00	0.00002	100.00	180.00	0.00002
-100.00	190.00	0.00005	-90.00	190.00	0.00005
-80.00	190.00	0.00005	-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	0.00004
-25.00	190.00	0.00004	-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	0.00002
50.00	190.00	0.00002	60.00	190.00	0.00002
70.00	190.00	0.00002	80.00	190.00	0.00002
90.00	190.00	0.00002	100.00	190.00	0.00002
-100.00	200.00	0.00005	-90.00	200.00	0.00005
-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 ***

10:11:25
 **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	0.00002
30.00	200.00	0.00002	40.00	200.00	0.00002
50.00	200.00	0.00002	60.00	200.00	0.00002
70.00	200.00	0.00002	80.00	200.00	0.00002
90.00	200.00	0.00002	100.00	200.00	0.00002
-100.00	210.00	0.00005	-90.00	210.00	0.00004
-80.00	210.00	0.00004	-70.00	210.00	0.00004

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-60.00	210.00	0.00004	-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	0.00003
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	0.00004
-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 ***

10:11:25
 **MODELOPTS:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00004	-90.00	230.00	0.00004
-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	0.00003
-17.00	230.00	0.00003	-15.00	230.00	0.00003

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-13.00	230.00	0.00003	-11.00	230.00	0.00003
-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	0.00004	-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	0.00003
-25.00	240.00	0.00003	-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	0.00003	-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 ***

10:11:25

**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
-----	-----	-----	-----	-----	-----

04NCRA_PL94-300_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	0.00001
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 ***

10:11:25
 **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	0.00030	-90.00	-250.00	0.00033
-80.00	-250.00	0.00037	-70.00	-250.00	0.00041
-60.00	-250.00	0.00047	-50.00	-250.00	0.00053
-40.00	-250.00	0.00061	-30.00	-250.00	0.00071
-25.00	-250.00	0.00078	-20.00	-250.00	0.00087
-17.00	-250.00	0.00093	-15.00	-250.00	0.00098
-13.00	-250.00	0.00104	-11.00	-250.00	0.00110
-9.00	-250.00	0.00118	9.00	-250.00	0.00257
11.00	-250.00	0.00274	13.00	-250.00	0.00292
15.00	-250.00	0.00310	17.00	-250.00	0.00328
20.00	-250.00	0.00353	25.00	-250.00	0.00386
30.00	-250.00	0.00406	40.00	-250.00	0.00412
50.00	-250.00	0.00388	60.00	-250.00	0.00350
70.00	-250.00	0.00310	80.00	-250.00	0.00271
90.00	-250.00	0.00236	100.00	-250.00	0.00205
-100.00	-240.00	0.00032	-90.00	-240.00	0.00036
-80.00	-240.00	0.00040	-70.00	-240.00	0.00046
-60.00	-240.00	0.00052	-50.00	-240.00	0.00060
-40.00	-240.00	0.00070	-30.00	-240.00	0.00081
-25.00	-240.00	0.00089	-20.00	-240.00	0.00098
-17.00	-240.00	0.00105	-15.00	-240.00	0.00110
-13.00	-240.00	0.00117	-11.00	-240.00	0.00125
-9.00	-240.00	0.00135	9.00	-240.00	0.00364
11.00	-240.00	0.00396	13.00	-240.00	0.00426
15.00	-240.00	0.00454	17.00	-240.00	0.00477
20.00	-240.00	0.00503	25.00	-240.00	0.00527
30.00	-240.00	0.00529	40.00	-240.00	0.00496
50.00	-240.00	0.00442	60.00	-240.00	0.00384
70.00	-240.00	0.00330	80.00	-240.00	0.00282

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

90.00	-240.00	0.00241	100.00	-240.00	0.00206
-100.00	-230.00	0.00034	-90.00	-230.00	0.00039
-80.00	-230.00	0.00044	-70.00	-230.00	0.00050
-60.00	-230.00	0.00058	-50.00	-230.00	0.00067
-40.00	-230.00	0.00078	-30.00	-230.00	0.00093
-25.00	-230.00	0.00101	-20.00	-230.00	0.00112
-17.00	-230.00	0.00120	-15.00	-230.00	0.00127
-13.00	-230.00	0.00134	-11.00	-230.00	0.00144
-9.00	-230.00	0.00157	9.00	-230.00	0.00599
11.00	-230.00	0.00632	13.00	-230.00	0.00654
15.00	-230.00	0.00668	17.00	-230.00	0.00676

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

10:11:25
 **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	0.00678	25.00	-230.00	0.00663
30.00	-230.00	0.00634	40.00	-230.00	0.00558
50.00	-230.00	0.00478	60.00	-230.00	0.00403
70.00	-230.00	0.00339	80.00	-230.00	0.00285
90.00	-230.00	0.00240	100.00	-230.00	0.00203
-100.00	-220.00	0.00037	-90.00	-220.00	0.00043
-80.00	-220.00	0.00049	-70.00	-220.00	0.00056
-60.00	-220.00	0.00066	-50.00	-220.00	0.00077
-40.00	-220.00	0.00091	-30.00	-220.00	0.00110
-25.00	-220.00	0.00122	-20.00	-220.00	0.00137
-17.00	-220.00	0.00148	-15.00	-220.00	0.00157
-13.00	-220.00	0.00169	-11.00	-220.00	0.00185
-9.00	-220.00	0.00206	9.00	-220.00	0.00783
11.00	-220.00	0.00787	13.00	-220.00	0.00789
15.00	-220.00	0.00788	17.00	-220.00	0.00783
20.00	-220.00	0.00769	25.00	-220.00	0.00734
30.00	-220.00	0.00688	40.00	-220.00	0.00588
50.00	-220.00	0.00491	60.00	-220.00	0.00406
70.00	-220.00	0.00336	80.00	-220.00	0.00278
90.00	-220.00	0.00231	100.00	-220.00	0.00194
-100.00	-210.00	0.00041	-90.00	-210.00	0.00047
-80.00	-210.00	0.00055	-70.00	-210.00	0.00064
-60.00	-210.00	0.00076	-50.00	-210.00	0.00090

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-40.00	-210.00	0.00110	-30.00	-210.00	0.00136
-25.00	-210.00	0.00153	-20.00	-210.00	0.00174
-17.00	-210.00	0.00191	-15.00	-210.00	0.00204
-13.00	-210.00	0.00219	-11.00	-210.00	0.00237
-9.00	-210.00	0.00260	9.00	-210.00	0.00793
11.00	-210.00	0.00797	13.00	-210.00	0.00800
15.00	-210.00	0.00800	17.00	-210.00	0.00795
20.00	-210.00	0.00782	25.00	-210.00	0.00743
30.00	-210.00	0.00695	40.00	-210.00	0.00586
50.00	-210.00	0.00482	60.00	-210.00	0.00393
70.00	-210.00	0.00321	80.00	-210.00	0.00263
90.00	-210.00	0.00216	100.00	-210.00	0.00180
-100.00	-200.00	0.00044	-90.00	-200.00	0.00052
-80.00	-200.00	0.00061	-70.00	-200.00	0.00073
-60.00	-200.00	0.00087	-50.00	-200.00	0.00105
-40.00	-200.00	0.00128	-30.00	-200.00	0.00160
-25.00	-200.00	0.00180	-20.00	-200.00	0.00205

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

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

10:11:25

**MODELOPTs:
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00222	-15.00	-200.00	0.00235
-13.00	-200.00	0.00249	-11.00	-200.00	0.00264
-9.00	-200.00	0.00283	9.00	-200.00	0.00785
11.00	-200.00	0.00789	13.00	-200.00	0.00791
15.00	-200.00	0.00790	17.00	-200.00	0.00784
20.00	-200.00	0.00768	25.00	-200.00	0.00727
30.00	-200.00	0.00676	40.00	-200.00	0.00562
50.00	-200.00	0.00456	60.00	-200.00	0.00367
70.00	-200.00	0.00296	80.00	-200.00	0.00239
90.00	-200.00	0.00196	100.00	-200.00	0.00162
-100.00	-190.00	0.00048	-90.00	-190.00	0.00057
-80.00	-190.00	0.00067	-70.00	-190.00	0.00081
-60.00	-190.00	0.00097	-50.00	-190.00	0.00118
-40.00	-190.00	0.00144	-30.00	-190.00	0.00178
-25.00	-190.00	0.00199	-20.00	-190.00	0.00222
-17.00	-190.00	0.00238	-15.00	-190.00	0.00248
-13.00	-190.00	0.00260	-11.00	-190.00	0.00273

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-9.00	-190.00	0.00289	9.00	-190.00	0.00767
11.00	-190.00	0.00770	13.00	-190.00	0.00771
15.00	-190.00	0.00768	17.00	-190.00	0.00760
20.00	-190.00	0.00742	25.00	-190.00	0.00696
30.00	-190.00	0.00640	40.00	-190.00	0.00521
50.00	-190.00	0.00414	60.00	-190.00	0.00328
70.00	-190.00	0.00261	80.00	-190.00	0.00210
90.00	-190.00	0.00171	100.00	-190.00	0.00142
-100.00	-180.00	0.00052	-90.00	-180.00	0.00061
-80.00	-180.00	0.00072	-70.00	-180.00	0.00086
-60.00	-180.00	0.00104	-50.00	-180.00	0.00127
-40.00	-180.00	0.00154	-30.00	-180.00	0.00188
-25.00	-180.00	0.00207	-20.00	-180.00	0.00228
-17.00	-180.00	0.00241	-15.00	-180.00	0.00251
-13.00	-180.00	0.00261	-11.00	-180.00	0.00272
-9.00	-180.00	0.00285	9.00	-180.00	0.00739
11.00	-180.00	0.00739	13.00	-180.00	0.00738
15.00	-180.00	0.00732	17.00	-180.00	0.00722
20.00	-180.00	0.00700	25.00	-180.00	0.00647
30.00	-180.00	0.00585	40.00	-180.00	0.00462
50.00	-180.00	0.00359	60.00	-180.00	0.00280
70.00	-180.00	0.00221	80.00	-180.00	0.00177
90.00	-180.00	0.00145	100.00	-180.00	0.00120

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

10:11:25
 **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	0.00064
-80.00	-170.00	0.00075	-70.00	-170.00	0.00090
-60.00	-170.00	0.00109	-50.00	-170.00	0.00132
-40.00	-170.00	0.00160	-30.00	-170.00	0.00192
-25.00	-170.00	0.00209	-20.00	-170.00	0.00227
-17.00	-170.00	0.00238	-15.00	-170.00	0.00246
-13.00	-170.00	0.00254	-11.00	-170.00	0.00263
-9.00	-170.00	0.00275	9.00	-170.00	0.00696
11.00	-170.00	0.00693	13.00	-170.00	0.00687
15.00	-170.00	0.00677	17.00	-170.00	0.00663
20.00	-170.00	0.00634	25.00	-170.00	0.00573

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

30.00	-170.00	0.00507	40.00	-170.00	0.00385
50.00	-170.00	0.00292	60.00	-170.00	0.00226
70.00	-170.00	0.00178	80.00	-170.00	0.00144
90.00	-170.00	0.00118	100.00	-170.00	0.00099
-100.00	-160.00	0.00056	-90.00	-160.00	0.00066
-80.00	-160.00	0.00078	-70.00	-160.00	0.00092
-60.00	-160.00	0.00111	-50.00	-160.00	0.00134
-40.00	-160.00	0.00161	-30.00	-160.00	0.00191
-25.00	-160.00	0.00206	-20.00	-160.00	0.00221
-17.00	-160.00	0.00230	-15.00	-160.00	0.00236
-13.00	-160.00	0.00242	-11.00	-160.00	0.00250
-9.00	-160.00	0.00259	9.00	-160.00	0.00632
11.00	-160.00	0.00620	13.00	-160.00	0.00607
15.00	-160.00	0.00589	17.00	-160.00	0.00567
20.00	-160.00	0.00530	25.00	-160.00	0.00462
30.00	-160.00	0.00398	40.00	-160.00	0.00292
50.00	-160.00	0.00220	60.00	-160.00	0.00171
70.00	-160.00	0.00136	80.00	-160.00	0.00112
90.00	-160.00	0.00093	100.00	-160.00	0.00079
-100.00	-150.00	0.00058	-90.00	-150.00	0.00067
-80.00	-150.00	0.00079	-70.00	-150.00	0.00093
-60.00	-150.00	0.00111	-50.00	-150.00	0.00132
-40.00	-150.00	0.00157	-30.00	-150.00	0.00184
-25.00	-150.00	0.00197	-20.00	-150.00	0.00211
-17.00	-150.00	0.00218	-15.00	-150.00	0.00223
-13.00	-150.00	0.00228	-11.00	-150.00	0.00233
-9.00	-150.00	0.00240	9.00	-150.00	0.00518
11.00	-150.00	0.00491	13.00	-150.00	0.00464
15.00	-150.00	0.00437	17.00	-150.00	0.00410

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

10:11:25
 **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	0.00371	25.00	-150.00	0.00313
30.00	-150.00	0.00265	40.00	-150.00	0.00196
50.00	-150.00	0.00151	60.00	-150.00	0.00121
70.00	-150.00	0.00099	80.00	-150.00	0.00083
90.00	-150.00	0.00071	100.00	-150.00	0.00062

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-100.00	-140.00	0.00058	-90.00	-140.00	0.00067
-80.00	-140.00	0.00078	-70.00	-140.00	0.00092
-60.00	-140.00	0.00109	-50.00	-140.00	0.00128
-40.00	-140.00	0.00150	-30.00	-140.00	0.00173
-25.00	-140.00	0.00184	-20.00	-140.00	0.00195
-17.00	-140.00	0.00200	-15.00	-140.00	0.00204
-13.00	-140.00	0.00207	-11.00	-140.00	0.00211
-9.00	-140.00	0.00215	9.00	-140.00	0.00273
11.00	-140.00	0.00245	13.00	-140.00	0.00226
15.00	-140.00	0.00211	17.00	-140.00	0.00200
20.00	-140.00	0.00185	25.00	-140.00	0.00163
30.00	-140.00	0.00146	40.00	-140.00	0.00118
50.00	-140.00	0.00097	60.00	-140.00	0.00082
70.00	-140.00	0.00070	80.00	-140.00	0.00061
90.00	-140.00	0.00053	100.00	-140.00	0.00047
-100.00	-130.00	0.00057	-90.00	-130.00	0.00066
-80.00	-130.00	0.00076	-70.00	-130.00	0.00088
-60.00	-130.00	0.00103	-50.00	-130.00	0.00119
-40.00	-130.00	0.00137	-30.00	-130.00	0.00154
-25.00	-130.00	0.00161	-20.00	-130.00	0.00167
-17.00	-130.00	0.00169	-15.00	-130.00	0.00168
-13.00	-130.00	0.00167	-11.00	-130.00	0.00165
-9.00	-130.00	0.00160	9.00	-130.00	0.00077
11.00	-130.00	0.00077	13.00	-130.00	0.00077
15.00	-130.00	0.00078	17.00	-130.00	0.00078
20.00	-130.00	0.00078	25.00	-130.00	0.00077
30.00	-130.00	0.00074	40.00	-130.00	0.00068
50.00	-130.00	0.00060	60.00	-130.00	0.00054
70.00	-130.00	0.00048	80.00	-130.00	0.00044
90.00	-130.00	0.00039	100.00	-130.00	0.00036
-100.00	-120.00	0.00055	-90.00	-120.00	0.00063
-80.00	-120.00	0.00072	-70.00	-120.00	0.00082
-60.00	-120.00	0.00093	-50.00	-120.00	0.00105
-40.00	-120.00	0.00116	-30.00	-120.00	0.00125
-25.00	-120.00	0.00126	-20.00	-120.00	0.00124

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 10:11:25
 **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 **

04NCRA_PL94-300_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	0.00120	-15.00	-120.00	0.00116
-13.00	-120.00	0.00111	-11.00	-120.00	0.00105
-9.00	-120.00	0.00097	9.00	-120.00	0.00051
11.00	-120.00	0.00050	13.00	-120.00	0.00049
15.00	-120.00	0.00048	17.00	-120.00	0.00047
20.00	-120.00	0.00046	25.00	-120.00	0.00045
30.00	-120.00	0.00044	40.00	-120.00	0.00042
50.00	-120.00	0.00039	60.00	-120.00	0.00037
70.00	-120.00	0.00034	80.00	-120.00	0.00031
90.00	-120.00	0.00029	100.00	-120.00	0.00027
-100.00	-110.00	0.00052	-90.00	-110.00	0.00058
-80.00	-110.00	0.00066	-70.00	-110.00	0.00073
-60.00	-110.00	0.00081	-50.00	-110.00	0.00089
-40.00	-110.00	0.00094	-30.00	-110.00	0.00096
-25.00	-110.00	0.00093	-20.00	-110.00	0.00087
-17.00	-110.00	0.00082	-15.00	-110.00	0.00077
-13.00	-110.00	0.00073	-11.00	-110.00	0.00068
-9.00	-110.00	0.00063	9.00	-110.00	0.00037
11.00	-110.00	0.00036	13.00	-110.00	0.00036
15.00	-110.00	0.00035	17.00	-110.00	0.00035
20.00	-110.00	0.00034	25.00	-110.00	0.00033
30.00	-110.00	0.00032	40.00	-110.00	0.00030
50.00	-110.00	0.00028	60.00	-110.00	0.00026
70.00	-110.00	0.00025	80.00	-110.00	0.00023
90.00	-110.00	0.00022	100.00	-110.00	0.00021
-100.00	-100.00	0.00048	-90.00	-100.00	0.00053
-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	0.00075	-30.00	-100.00	0.00071
-25.00	-100.00	0.00067	-20.00	-100.00	0.00061
-17.00	-100.00	0.00057	-15.00	-100.00	0.00054
-13.00	-100.00	0.00051	-11.00	-100.00	0.00048
-9.00	-100.00	0.00045	9.00	-100.00	0.00029
11.00	-100.00	0.00028	13.00	-100.00	0.00028
15.00	-100.00	0.00027	17.00	-100.00	0.00027
20.00	-100.00	0.00026	25.00	-100.00	0.00026
30.00	-100.00	0.00025	40.00	-100.00	0.00023
50.00	-100.00	0.00021	60.00	-100.00	0.00020
70.00	-100.00	0.00019	80.00	-100.00	0.00018
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

10:11:25

**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	0.00060
-40.00	-90.00	0.00059	-30.00	-90.00	0.00053
-25.00	-90.00	0.00049	-20.00	-90.00	0.00044
-17.00	-90.00	0.00041	-15.00	-90.00	0.00039
-13.00	-90.00	0.00038	-11.00	-90.00	0.00036
-9.00	-90.00	0.00034	9.00	-90.00	0.00023
11.00	-90.00	0.00023	13.00	-90.00	0.00022
15.00	-90.00	0.00022	17.00	-90.00	0.00021
20.00	-90.00	0.00021	25.00	-90.00	0.00021
30.00	-90.00	0.00020	40.00	-90.00	0.00019
50.00	-90.00	0.00018	60.00	-90.00	0.00016
70.00	-90.00	0.00015	80.00	-90.00	0.00014
90.00	-90.00	0.00014	100.00	-90.00	0.00013
-100.00	-80.00	0.00039	-90.00	-80.00	0.00042
-80.00	-80.00	0.00045	-70.00	-80.00	0.00047
-60.00	-80.00	0.00049	-50.00	-80.00	0.00049
-40.00	-80.00	0.00046	-30.00	-80.00	0.00040
-25.00	-80.00	0.00037	-20.00	-80.00	0.00034
-17.00	-80.00	0.00032	-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	0.00019
11.00	-80.00	0.00019	13.00	-80.00	0.00018
15.00	-80.00	0.00018	17.00	-80.00	0.00018
20.00	-80.00	0.00017	25.00	-80.00	0.00017
30.00	-80.00	0.00017	40.00	-80.00	0.00016
50.00	-80.00	0.00015	60.00	-80.00	0.00014
70.00	-80.00	0.00013	80.00	-80.00	0.00012
90.00	-80.00	0.00011	100.00	-80.00	0.00011
-100.00	-70.00	0.00036	-90.00	-70.00	0.00038
-80.00	-70.00	0.00039	-70.00	-70.00	0.00040
-60.00	-70.00	0.00041	-50.00	-70.00	0.00039
-40.00	-70.00	0.00036	-30.00	-70.00	0.00031
-25.00	-70.00	0.00029	-20.00	-70.00	0.00026
-17.00	-70.00	0.00025	-15.00	-70.00	0.00024
-13.00	-70.00	0.00023	-11.00	-70.00	0.00023

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-9.00	-70.00	0.00022	9.00	-70.00	0.00016
11.00	-70.00	0.00016	13.00	-70.00	0.00015
15.00	-70.00	0.00015	17.00	-70.00	0.00015

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

10:11:25
 **MODELOPTs:
 PAGE 110
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00014	25.00	-70.00	0.00014
30.00	-70.00	0.00014	40.00	-70.00	0.00013
50.00	-70.00	0.00013	60.00	-70.00	0.00012
70.00	-70.00	0.00011	80.00	-70.00	0.00010
90.00	-70.00	0.00010	100.00	-70.00	0.00009
-100.00	-60.00	0.00032	-90.00	-60.00	0.00033
-80.00	-60.00	0.00034	-70.00	-60.00	0.00034
-60.00	-60.00	0.00034	-50.00	-60.00	0.00032
-40.00	-60.00	0.00029	-30.00	-60.00	0.00025
-25.00	-60.00	0.00023	-20.00	-60.00	0.00021
-17.00	-60.00	0.00020	-15.00	-60.00	0.00020
-13.00	-60.00	0.00019	-11.00	-60.00	0.00019
-9.00	-60.00	0.00018	9.00	-60.00	0.00014
11.00	-60.00	0.00013	13.00	-60.00	0.00013
15.00	-60.00	0.00013	17.00	-60.00	0.00013
20.00	-60.00	0.00012	25.00	-60.00	0.00012
30.00	-60.00	0.00012	40.00	-60.00	0.00011
50.00	-60.00	0.00011	60.00	-60.00	0.00011
70.00	-60.00	0.00010	80.00	-60.00	0.00009
90.00	-60.00	0.00009	100.00	-60.00	0.00008
-100.00	-50.00	0.00028	-90.00	-50.00	0.00029
-80.00	-50.00	0.00029	-70.00	-50.00	0.00029
-60.00	-50.00	0.00028	-50.00	-50.00	0.00026
-40.00	-50.00	0.00023	-30.00	-50.00	0.00020
-25.00	-50.00	0.00019	-20.00	-50.00	0.00018
-17.00	-50.00	0.00017	-15.00	-50.00	0.00017
-13.00	-50.00	0.00016	-11.00	-50.00	0.00016
-9.00	-50.00	0.00015	9.00	-50.00	0.00012
11.00	-50.00	0.00012	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

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

30.00	-50.00	0.00010	40.00	-50.00	0.00010
50.00	-50.00	0.00010	60.00	-50.00	0.00009
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	-40.00	0.00025	-90.00	-40.00	0.00026
-80.00	-40.00	0.00025	-70.00	-40.00	0.00025
-60.00	-40.00	0.00023	-50.00	-40.00	0.00022
-40.00	-40.00	0.00019	-30.00	-40.00	0.00017
-25.00	-40.00	0.00016	-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 ***

10:11:25

**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	0.00014	-11.00	-40.00	0.00014
-9.00	-40.00	0.00013	9.00	-40.00	0.00010
11.00	-40.00	0.00010	13.00	-40.00	0.00010
15.00	-40.00	0.00010	17.00	-40.00	0.00010
20.00	-40.00	0.00009	25.00	-40.00	0.00009
30.00	-40.00	0.00009	40.00	-40.00	0.00008
50.00	-40.00	0.00008	60.00	-40.00	0.00008
70.00	-40.00	0.00008	80.00	-40.00	0.00007
90.00	-40.00	0.00007	100.00	-40.00	0.00007
-100.00	-30.00	0.00022	-90.00	-30.00	0.00022
-80.00	-30.00	0.00022	-70.00	-30.00	0.00021
-60.00	-30.00	0.00020	-50.00	-30.00	0.00018
-40.00	-30.00	0.00016	-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	0.00012
-9.00	-30.00	0.00011	9.00	-30.00	0.00009
11.00	-30.00	0.00009	13.00	-30.00	0.00009
15.00	-30.00	0.00009	17.00	-30.00	0.00008
20.00	-30.00	0.00008	25.00	-30.00	0.00008
30.00	-30.00	0.00008	40.00	-30.00	0.00007
50.00	-30.00	0.00007	60.00	-30.00	0.00007
70.00	-30.00	0.00007	80.00	-30.00	0.00007
90.00	-30.00	0.00006	100.00	-30.00	0.00006

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-100.00	-20.00	0.00020	-90.00	-20.00	0.00019
-80.00	-20.00	0.00019	-70.00	-20.00	0.00018
-60.00	-20.00	0.00017	-50.00	-20.00	0.00015
-40.00	-20.00	0.00014	-30.00	-20.00	0.00012
-25.00	-20.00	0.00012	-20.00	-20.00	0.00011
-17.00	-20.00	0.00011	-15.00	-20.00	0.00011
-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	0.00007
20.00	-20.00	0.00007	25.00	-20.00	0.00007
30.00	-20.00	0.00007	40.00	-20.00	0.00007
50.00	-20.00	0.00006	60.00	-20.00	0.00006
70.00	-20.00	0.00006	80.00	-20.00	0.00006
90.00	-20.00	0.00006	100.00	-20.00	0.00005

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

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

10:11:25
 **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	0.00013
-40.00	-10.00	0.00012	-30.00	-10.00	0.00011
-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	0.00009	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	0.00006
30.00	-10.00	0.00006	40.00	-10.00	0.00006
50.00	-10.00	0.00006	60.00	-10.00	0.00006
70.00	-10.00	0.00006	80.00	-10.00	0.00005
90.00	-10.00	0.00005	100.00	-10.00	0.00005
-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

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-25.00	0.00	0.00009	-20.00	0.00	0.00009
-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	0.00006	13.00	0.00	0.00006
15.00	0.00	0.00006	17.00	0.00	0.00006
20.00	0.00	0.00006	25.00	0.00	0.00006
30.00	0.00	0.00005	40.00	0.00	0.00005
50.00	0.00	0.00005	60.00	0.00	0.00005
70.00	0.00	0.00005	80.00	0.00	0.00005
90.00	0.00	0.00005	100.00	0.00	0.00005
-100.00	10.00	0.00014	-90.00	10.00	0.00013
-80.00	10.00	0.00013	-70.00	10.00	0.00012
-60.00	10.00	0.00011	-50.00	10.00	0.00010
-40.00	10.00	0.00009	-30.00	10.00	0.00008
-25.00	10.00	0.00008	-20.00	10.00	0.00008
-17.00	10.00	0.00008	-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 ***

10:11:25

**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	10.00	0.00005	25.00	10.00	0.00005
30.00	10.00	0.00005	40.00	10.00	0.00005
50.00	10.00	0.00005	60.00	10.00	0.00005
70.00	10.00	0.00005	80.00	10.00	0.00004
90.00	10.00	0.00004	100.00	10.00	0.00004
-100.00	20.00	0.00012	-90.00	20.00	0.00012
-80.00	20.00	0.00011	-70.00	20.00	0.00010
-60.00	20.00	0.00010	-50.00	20.00	0.00009
-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	0.00007
-13.00	20.00	0.00007	-11.00	20.00	0.00006
-9.00	20.00	0.00006	9.00	20.00	0.00005

04NCRA_PL94-300_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	0.00004
50.00	20.00	0.00004	60.00	20.00	0.00004
70.00	20.00	0.00004	80.00	20.00	0.00004
90.00	20.00	0.00004	100.00	20.00	0.00004
-100.00	30.00	0.00011	-90.00	30.00	0.00010
-80.00	30.00	0.00010	-70.00	30.00	0.00009
-60.00	30.00	0.00008	-50.00	30.00	0.00008
-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	0.00006	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	0.00004	25.00	30.00	0.00004
30.00	30.00	0.00004	40.00	30.00	0.00004
50.00	30.00	0.00004	60.00	30.00	0.00004
70.00	30.00	0.00004	80.00	30.00	0.00004
90.00	30.00	0.00004	100.00	30.00	0.00004
-100.00	40.00	0.00010	-90.00	40.00	0.00009
-80.00	40.00	0.00009	-70.00	40.00	0.00008
-60.00	40.00	0.00008	-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	0.00006

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

10:11:25
 **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	0.00006	-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	0.00004	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

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

50.00	40.00	0.00004	60.00	40.00	0.00003
70.00	40.00	0.00003	80.00	40.00	0.00003
90.00	40.00	0.00003	100.00	40.00	0.00003
-100.00	50.00	0.00009	-90.00	50.00	0.00008
-80.00	50.00	0.00008	-70.00	50.00	0.00007
-60.00	50.00	0.00007	-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	0.00003
50.00	50.00	0.00003	60.00	50.00	0.00003
70.00	50.00	0.00003	80.00	50.00	0.00003
90.00	50.00	0.00003	100.00	50.00	0.00003
-100.00	60.00	0.00008	-90.00	60.00	0.00007
-80.00	60.00	0.00007	-70.00	60.00	0.00007
-60.00	60.00	0.00006	-50.00	60.00	0.00006
-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	0.00005	-15.00	60.00	0.00005
-13.00	60.00	0.00005	-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	0.00003
30.00	60.00	0.00003	40.00	60.00	0.00003
50.00	60.00	0.00003	60.00	60.00	0.00003
70.00	60.00	0.00003	80.00	60.00	0.00003
90.00	60.00	0.00003	100.00	60.00	0.00003

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

04NCRA_PL94-300_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	0.00005
-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	0.00006	-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	0.00002	80.00	80.00	0.00002
90.00	80.00	0.00002	100.00	80.00	0.00002
-100.00	90.00	0.00006	-90.00	90.00	0.00006
-80.00	90.00	0.00005	-70.00	90.00	0.00005
-60.00	90.00	0.00005	-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	0.00004	-15.00	90.00	0.00004
-13.00	90.00	0.00004	-11.00	90.00	0.00004
-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 *** ISCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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

10:11:25

**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	0.00002	60.00	90.00	0.00002
70.00	90.00	0.00002	80.00	90.00	0.00002
90.00	90.00	0.00002	100.00	90.00	0.00002
-100.00	100.00	0.00005	-90.00	100.00	0.00005
-80.00	100.00	0.00005	-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	0.00004
-25.00	100.00	0.00004	-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	0.00002
50.00	100.00	0.00002	60.00	100.00	0.00002
70.00	100.00	0.00002	80.00	100.00	0.00002
90.00	100.00	0.00002	100.00	100.00	0.00002
-100.00	110.00	0.00005	-90.00	110.00	0.00005
-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	0.00002
30.00	110.00	0.00002	40.00	110.00	0.00002
50.00	110.00	0.00002	60.00	110.00	0.00002
70.00	110.00	0.00002	80.00	110.00	0.00002
90.00	110.00	0.00002	100.00	110.00	0.00002
-100.00	120.00	0.00005	-90.00	120.00	0.00004
-80.00	120.00	0.00004	-70.00	120.00	0.00004
-60.00	120.00	0.00004	-50.00	120.00	0.00003
-40.00	120.00	0.00003	-30.00	120.00	0.00003

-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 ***

10:11:25
 **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	0.00003
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	0.00004
-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	0.00004
-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	0.00003
-17.00	140.00	0.00003	-15.00	140.00	0.00003
-13.00	140.00	0.00003	-11.00	140.00	0.00003
-9.00	140.00	0.00002	9.00	140.00	0.00002

04NCRA_PL94-300_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	0.00001
90.00	160.00	0.00001	100.00	160.00	0.00001
-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 ***

10:11:25

**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	0.00001
70.00	170.00	0.00001	80.00	170.00	0.00001
90.00	170.00	0.00001	100.00	170.00	0.00001
-100.00	180.00	0.00003	-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	0.00001	60.00	180.00	0.00001
70.00	180.00	0.00001	80.00	180.00	0.00001
90.00	180.00	0.00001	100.00	180.00	0.00001
-100.00	190.00	0.00003	-90.00	190.00	0.00003

04NCRA_PL94-300_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	0.00001
50.00	190.00	0.00001	60.00	190.00	0.00001
70.00	190.00	0.00001	80.00	190.00	0.00001
90.00	190.00	0.00001	100.00	190.00	0.00001
-100.00	200.00	0.00003	-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

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

10:11:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00002	-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	0.00001
30.00	200.00	0.00001	40.00	200.00	0.00001
50.00	200.00	0.00001	60.00	200.00	0.00001
70.00	200.00	0.00001	80.00	200.00	0.00001
90.00	200.00	0.00001	100.00	200.00	0.00001
-100.00	210.00	0.00002	-90.00	210.00	0.00002
-80.00	210.00	0.00002	-70.00	210.00	0.00002
-60.00	210.00	0.00002	-50.00	210.00	0.00002
-40.00	210.00	0.00002	-30.00	210.00	0.00002
-25.00	210.00	0.00002	-20.00	210.00	0.00002

04NCRA_PL94-300_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	0.00002	13.00	210.00	0.00002
15.00	210.00	0.00002	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 ***

10:11:25
 **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	0.00002	-15.00	230.00	0.00002
-13.00	230.00	0.00002	-11.00	230.00	0.00002
-9.00	230.00	0.00002	9.00	230.00	0.00001
11.00	230.00	0.00001	13.00	230.00	0.00001

04NCRA_PL94-300_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	0.00002
-25.00	240.00	0.00002	-20.00	240.00	0.00002
-17.00	240.00	0.00002	-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	0.00002	-30.00	250.00	0.00002
-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 ***

10:11:25
 **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

04NCRA_PL94-300_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 ***

10:11:25
 **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	0.00062	-90.00	-250.00	0.00068
-80.00	-250.00	0.00074	-70.00	-250.00	0.00081
-60.00	-250.00	0.00090	-50.00	-250.00	0.00099
-40.00	-250.00	0.00111	-30.00	-250.00	0.00126
-25.00	-250.00	0.00136	-20.00	-250.00	0.00149
-17.00	-250.00	0.00158	-15.00	-250.00	0.00164
-13.00	-250.00	0.00172	-11.00	-250.00	0.00181
-9.00	-250.00	0.00191	9.00	-250.00	0.00348
11.00	-250.00	0.00367	13.00	-250.00	0.00387
15.00	-250.00	0.00407	17.00	-250.00	0.00427
20.00	-250.00	0.00454	25.00	-250.00	0.00490
30.00	-250.00	0.00514	40.00	-250.00	0.00526
50.00	-250.00	0.00510	60.00	-250.00	0.00480
70.00	-250.00	0.00447	80.00	-250.00	0.00415
90.00	-250.00	0.00385	100.00	-250.00	0.00357
-100.00	-240.00	0.00066	-90.00	-240.00	0.00073
-80.00	-240.00	0.00080	-70.00	-240.00	0.00088
-60.00	-240.00	0.00098	-50.00	-240.00	0.00110
-40.00	-240.00	0.00123	-30.00	-240.00	0.00141
-25.00	-240.00	0.00151	-20.00	-240.00	0.00165
-17.00	-240.00	0.00175	-15.00	-240.00	0.00182
-13.00	-240.00	0.00191	-11.00	-240.00	0.00202
-9.00	-240.00	0.00214	9.00	-240.00	0.00465
11.00	-240.00	0.00499	13.00	-240.00	0.00532
15.00	-240.00	0.00561	17.00	-240.00	0.00586
20.00	-240.00	0.00615	25.00	-240.00	0.00643
30.00	-240.00	0.00649	40.00	-240.00	0.00624
50.00	-240.00	0.00579	60.00	-240.00	0.00531
70.00	-240.00	0.00485	80.00	-240.00	0.00444
90.00	-240.00	0.00408	100.00	-240.00	0.00375
-100.00	-230.00	0.00071	-90.00	-230.00	0.00078
-80.00	-230.00	0.00086	-70.00	-230.00	0.00096

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-60.00	-230.00	0.00107	-50.00	-230.00	0.00120
-40.00	-230.00	0.00136	-30.00	-230.00	0.00157
-25.00	-230.00	0.00169	-20.00	-230.00	0.00185
-17.00	-230.00	0.00196	-15.00	-230.00	0.00205
-13.00	-230.00	0.00215	-11.00	-230.00	0.00227
-9.00	-230.00	0.00243	9.00	-230.00	0.00712
11.00	-230.00	0.00748	13.00	-230.00	0.00772
15.00	-230.00	0.00788	17.00	-230.00	0.00798

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

10:11:25
 **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	0.00803	25.00	-230.00	0.00793
30.00	-230.00	0.00769	40.00	-230.00	0.00704
50.00	-230.00	0.00635	60.00	-230.00	0.00571
70.00	-230.00	0.00516	80.00	-230.00	0.00467
90.00	-230.00	0.00426	100.00	-230.00	0.00390
-100.00	-220.00	0.00076	-90.00	-220.00	0.00084
-80.00	-220.00	0.00093	-70.00	-220.00	0.00105
-60.00	-220.00	0.00118	-50.00	-220.00	0.00134
-40.00	-220.00	0.00154	-30.00	-220.00	0.00179
-25.00	-220.00	0.00195	-20.00	-220.00	0.00215
-17.00	-220.00	0.00231	-15.00	-220.00	0.00243
-13.00	-220.00	0.00257	-11.00	-220.00	0.00276
-9.00	-220.00	0.00301	9.00	-220.00	0.00910
11.00	-220.00	0.00917	13.00	-220.00	0.00922
15.00	-220.00	0.00923	17.00	-220.00	0.00921
20.00	-220.00	0.00911	25.00	-220.00	0.00881
30.00	-220.00	0.00841	40.00	-220.00	0.00755
50.00	-220.00	0.00672	60.00	-220.00	0.00600
70.00	-220.00	0.00538	80.00	-220.00	0.00485
90.00	-220.00	0.00440	100.00	-220.00	0.00402
-100.00	-210.00	0.00082	-90.00	-210.00	0.00091
-80.00	-210.00	0.00102	-70.00	-210.00	0.00115
-60.00	-210.00	0.00132	-50.00	-210.00	0.00152
-40.00	-210.00	0.00178	-30.00	-210.00	0.00212
-25.00	-210.00	0.00233	-20.00	-210.00	0.00260
-17.00	-210.00	0.00281	-15.00	-210.00	0.00297

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00316	-11.00	-210.00	0.00338
-9.00	-210.00	0.00365	9.00	-210.00	0.00936
11.00	-210.00	0.00945	13.00	-210.00	0.00951
15.00	-210.00	0.00954	17.00	-210.00	0.00952
20.00	-210.00	0.00943	25.00	-210.00	0.00913
30.00	-210.00	0.00872	40.00	-210.00	0.00782
50.00	-210.00	0.00694	60.00	-210.00	0.00618
70.00	-210.00	0.00553	80.00	-210.00	0.00497
90.00	-210.00	0.00451	100.00	-210.00	0.00411
-100.00	-200.00	0.00089	-90.00	-200.00	0.00099
-80.00	-200.00	0.00112	-70.00	-200.00	0.00128
-60.00	-200.00	0.00147	-50.00	-200.00	0.00171
-40.00	-200.00	0.00202	-30.00	-200.00	0.00243
-25.00	-200.00	0.00268	-20.00	-200.00	0.00299

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

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

10:11:25

**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	0.00321	-15.00	-200.00	0.00338
-13.00	-200.00	0.00355	-11.00	-200.00	0.00376
-9.00	-200.00	0.00400	9.00	-200.00	0.00950
11.00	-200.00	0.00958	13.00	-200.00	0.00965
15.00	-200.00	0.00967	17.00	-200.00	0.00966
20.00	-200.00	0.00956	25.00	-200.00	0.00926
30.00	-200.00	0.00885	40.00	-200.00	0.00794
50.00	-200.00	0.00706	60.00	-200.00	0.00629
70.00	-200.00	0.00562	80.00	-200.00	0.00506
90.00	-200.00	0.00458	100.00	-200.00	0.00417
-100.00	-190.00	0.00096	-90.00	-190.00	0.00108
-80.00	-190.00	0.00122	-70.00	-190.00	0.00140
-60.00	-190.00	0.00162	-50.00	-190.00	0.00189
-40.00	-190.00	0.00224	-30.00	-190.00	0.00269
-25.00	-190.00	0.00296	-20.00	-190.00	0.00327
-17.00	-190.00	0.00347	-15.00	-190.00	0.00362
-13.00	-190.00	0.00379	-11.00	-190.00	0.00397
-9.00	-190.00	0.00418	9.00	-190.00	0.00959
11.00	-190.00	0.00967	13.00	-190.00	0.00973
15.00	-190.00	0.00976	17.00	-190.00	0.00974

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00964	25.00	-190.00	0.00933
30.00	-190.00	0.00892	40.00	-190.00	0.00801
50.00	-190.00	0.00713	60.00	-190.00	0.00635
70.00	-190.00	0.00568	80.00	-190.00	0.00511
90.00	-190.00	0.00462	100.00	-190.00	0.00421
-100.00	-180.00	0.00102	-90.00	-180.00	0.00116
-80.00	-180.00	0.00131	-70.00	-180.00	0.00151
-60.00	-180.00	0.00175	-50.00	-180.00	0.00205
-40.00	-180.00	0.00242	-30.00	-180.00	0.00288
-25.00	-180.00	0.00315	-20.00	-180.00	0.00344
-17.00	-180.00	0.00363	-15.00	-180.00	0.00377
-13.00	-180.00	0.00393	-11.00	-180.00	0.00410
-9.00	-180.00	0.00430	9.00	-180.00	0.00965
11.00	-180.00	0.00973	13.00	-180.00	0.00979
15.00	-180.00	0.00981	17.00	-180.00	0.00979
20.00	-180.00	0.00969	25.00	-180.00	0.00939
30.00	-180.00	0.00897	40.00	-180.00	0.00805
50.00	-180.00	0.00716	60.00	-180.00	0.00638
70.00	-180.00	0.00571	80.00	-180.00	0.00514
90.00	-180.00	0.00465	100.00	-180.00	0.00424

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

10:11:25
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00109	-90.00	-170.00	0.00123
-80.00	-170.00	0.00140	-70.00	-170.00	0.00161
-60.00	-170.00	0.00186	-50.00	-170.00	0.00217
-40.00	-170.00	0.00256	-30.00	-170.00	0.00302
-25.00	-170.00	0.00328	-20.00	-170.00	0.00355
-17.00	-170.00	0.00374	-15.00	-170.00	0.00387
-13.00	-170.00	0.00402	-11.00	-170.00	0.00418
-9.00	-170.00	0.00438	9.00	-170.00	0.00969
11.00	-170.00	0.00977	13.00	-170.00	0.00983
15.00	-170.00	0.00985	17.00	-170.00	0.00983
20.00	-170.00	0.00973	25.00	-170.00	0.00942
30.00	-170.00	0.00901	40.00	-170.00	0.00808
50.00	-170.00	0.00719	60.00	-170.00	0.00640
70.00	-170.00	0.00573	80.00	-170.00	0.00516

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00467	100.00	-170.00	0.00426
-100.00	-160.00	0.00115	-90.00	-160.00	0.00130
-80.00	-160.00	0.00148	-70.00	-160.00	0.00169
-60.00	-160.00	0.00196	-50.00	-160.00	0.00228
-40.00	-160.00	0.00267	-30.00	-160.00	0.00311
-25.00	-160.00	0.00336	-20.00	-160.00	0.00363
-17.00	-160.00	0.00381	-15.00	-160.00	0.00394
-13.00	-160.00	0.00408	-11.00	-160.00	0.00424
-9.00	-160.00	0.00443	9.00	-160.00	0.00972
11.00	-160.00	0.00980	13.00	-160.00	0.00986
15.00	-160.00	0.00988	17.00	-160.00	0.00986
20.00	-160.00	0.00976	25.00	-160.00	0.00945
30.00	-160.00	0.00903	40.00	-160.00	0.00810
50.00	-160.00	0.00720	60.00	-160.00	0.00642
70.00	-160.00	0.00574	80.00	-160.00	0.00517
90.00	-160.00	0.00468	100.00	-160.00	0.00426
-100.00	-150.00	0.00120	-90.00	-150.00	0.00136
-80.00	-150.00	0.00154	-70.00	-150.00	0.00177
-60.00	-150.00	0.00204	-50.00	-150.00	0.00236
-40.00	-150.00	0.00274	-30.00	-150.00	0.00318
-25.00	-150.00	0.00342	-20.00	-150.00	0.00369
-17.00	-150.00	0.00386	-15.00	-150.00	0.00398
-13.00	-150.00	0.00412	-11.00	-150.00	0.00428
-9.00	-150.00	0.00447	9.00	-150.00	0.00975
11.00	-150.00	0.00983	13.00	-150.00	0.00988
15.00	-150.00	0.00990	17.00	-150.00	0.00988

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

10:11:25
 **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	0.00978	25.00	-150.00	0.00947
30.00	-150.00	0.00905	40.00	-150.00	0.00811
50.00	-150.00	0.00722	60.00	-150.00	0.00643
70.00	-150.00	0.00575	80.00	-150.00	0.00518
90.00	-150.00	0.00469	100.00	-150.00	0.00427
-100.00	-140.00	0.00125	-90.00	-140.00	0.00141
-80.00	-140.00	0.00160	-70.00	-140.00	0.00183
-60.00	-140.00	0.00210	-50.00	-140.00	0.00243

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00280	-30.00	-140.00	0.00323
-25.00	-140.00	0.00347	-20.00	-140.00	0.00372
-17.00	-140.00	0.00389	-15.00	-140.00	0.00401
-13.00	-140.00	0.00415	-11.00	-140.00	0.00431
-9.00	-140.00	0.00451	9.00	-140.00	0.00977
11.00	-140.00	0.00985	13.00	-140.00	0.00989
15.00	-140.00	0.00991	17.00	-140.00	0.00989
20.00	-140.00	0.00979	25.00	-140.00	0.00948
30.00	-140.00	0.00906	40.00	-140.00	0.00812
50.00	-140.00	0.00722	60.00	-140.00	0.00643
70.00	-140.00	0.00575	80.00	-140.00	0.00518
90.00	-140.00	0.00469	100.00	-140.00	0.00427
-100.00	-130.00	0.00129	-90.00	-130.00	0.00145
-80.00	-130.00	0.00165	-70.00	-130.00	0.00188
-60.00	-130.00	0.00215	-50.00	-130.00	0.00247
-40.00	-130.00	0.00284	-30.00	-130.00	0.00327
-25.00	-130.00	0.00350	-20.00	-130.00	0.00375
-17.00	-130.00	0.00392	-15.00	-130.00	0.00404
-13.00	-130.00	0.00417	-11.00	-130.00	0.00433
-9.00	-130.00	0.00453	9.00	-130.00	0.00977
11.00	-130.00	0.00985	13.00	-130.00	0.00990
15.00	-130.00	0.00992	17.00	-130.00	0.00990
20.00	-130.00	0.00980	25.00	-130.00	0.00948
30.00	-130.00	0.00906	40.00	-130.00	0.00813
50.00	-130.00	0.00723	60.00	-130.00	0.00643
70.00	-130.00	0.00575	80.00	-130.00	0.00518
90.00	-130.00	0.00468	100.00	-130.00	0.00426
-100.00	-120.00	0.00133	-90.00	-120.00	0.00149
-80.00	-120.00	0.00169	-70.00	-120.00	0.00192
-60.00	-120.00	0.00219	-50.00	-120.00	0.00251
-40.00	-120.00	0.00288	-30.00	-120.00	0.00329
-25.00	-120.00	0.00352	-20.00	-120.00	0.00377

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

10:11:25
 **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	0.00394	-15.00	-120.00	0.00406
-13.00	-120.00	0.00419	-11.00	-120.00	0.00435

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-9.00	-120.00	0.00454	9.00	-120.00	0.00978
11.00	-120.00	0.00985	13.00	-120.00	0.00991
15.00	-120.00	0.00992	17.00	-120.00	0.00990
20.00	-120.00	0.00980	25.00	-120.00	0.00948
30.00	-120.00	0.00906	40.00	-120.00	0.00813
50.00	-120.00	0.00723	60.00	-120.00	0.00643
70.00	-120.00	0.00575	80.00	-120.00	0.00517
90.00	-120.00	0.00468	100.00	-120.00	0.00425
-100.00	-110.00	0.00136	-90.00	-110.00	0.00153
-80.00	-110.00	0.00172	-70.00	-110.00	0.00196
-60.00	-110.00	0.00223	-50.00	-110.00	0.00254
-40.00	-110.00	0.00290	-30.00	-110.00	0.00331
-25.00	-110.00	0.00354	-20.00	-110.00	0.00378
-17.00	-110.00	0.00395	-15.00	-110.00	0.00407
-13.00	-110.00	0.00420	-11.00	-110.00	0.00435
-9.00	-110.00	0.00455	9.00	-110.00	0.00978
11.00	-110.00	0.00985	13.00	-110.00	0.00991
15.00	-110.00	0.00993	17.00	-110.00	0.00990
20.00	-110.00	0.00980	25.00	-110.00	0.00948
30.00	-110.00	0.00906	40.00	-110.00	0.00813
50.00	-110.00	0.00722	60.00	-110.00	0.00643
70.00	-110.00	0.00575	80.00	-110.00	0.00516
90.00	-110.00	0.00467	100.00	-110.00	0.00425
-100.00	-100.00	0.00138	-90.00	-100.00	0.00155
-80.00	-100.00	0.00175	-70.00	-100.00	0.00198
-60.00	-100.00	0.00225	-50.00	-100.00	0.00256
-40.00	-100.00	0.00292	-30.00	-100.00	0.00332
-25.00	-100.00	0.00355	-20.00	-100.00	0.00379
-17.00	-100.00	0.00396	-15.00	-100.00	0.00408
-13.00	-100.00	0.00421	-11.00	-100.00	0.00436
-9.00	-100.00	0.00455	9.00	-100.00	0.00978
11.00	-100.00	0.00985	13.00	-100.00	0.00991
15.00	-100.00	0.00992	17.00	-100.00	0.00990
20.00	-100.00	0.00979	25.00	-100.00	0.00948
30.00	-100.00	0.00906	40.00	-100.00	0.00812
50.00	-100.00	0.00722	60.00	-100.00	0.00642
70.00	-100.00	0.00574	80.00	-100.00	0.00516
90.00	-100.00	0.00466	100.00	-100.00	0.00423

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

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

10:11:25
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00141	-90.00	-90.00	0.00158
-80.00	-90.00	0.00177	-70.00	-90.00	0.00200
-60.00	-90.00	0.00227	-50.00	-90.00	0.00258
-40.00	-90.00	0.00293	-30.00	-90.00	0.00333
-25.00	-90.00	0.00356	-20.00	-90.00	0.00380
-17.00	-90.00	0.00396	-15.00	-90.00	0.00408
-13.00	-90.00	0.00421	-11.00	-90.00	0.00436
-9.00	-90.00	0.00455	9.00	-90.00	0.00978
11.00	-90.00	0.00985	13.00	-90.00	0.00990
15.00	-90.00	0.00992	17.00	-90.00	0.00989
20.00	-90.00	0.00979	25.00	-90.00	0.00948
30.00	-90.00	0.00905	40.00	-90.00	0.00812
50.00	-90.00	0.00721	60.00	-90.00	0.00641
70.00	-90.00	0.00573	80.00	-90.00	0.00515
90.00	-90.00	0.00465	100.00	-90.00	0.00422
-100.00	-80.00	0.00143	-90.00	-80.00	0.00160
-80.00	-80.00	0.00179	-70.00	-80.00	0.00202
-60.00	-80.00	0.00228	-50.00	-80.00	0.00259
-40.00	-80.00	0.00294	-30.00	-80.00	0.00334
-25.00	-80.00	0.00356	-20.00	-80.00	0.00380
-17.00	-80.00	0.00396	-15.00	-80.00	0.00408
-13.00	-80.00	0.00421	-11.00	-80.00	0.00436
-9.00	-80.00	0.00455	9.00	-80.00	0.00977
11.00	-80.00	0.00984	13.00	-80.00	0.00990
15.00	-80.00	0.00991	17.00	-80.00	0.00989
20.00	-80.00	0.00978	25.00	-80.00	0.00947
30.00	-80.00	0.00905	40.00	-80.00	0.00810
50.00	-80.00	0.00720	60.00	-80.00	0.00640
70.00	-80.00	0.00572	80.00	-80.00	0.00513
90.00	-80.00	0.00463	100.00	-80.00	0.00421
-100.00	-70.00	0.00144	-90.00	-70.00	0.00161
-80.00	-70.00	0.00181	-70.00	-70.00	0.00203
-60.00	-70.00	0.00229	-50.00	-70.00	0.00260
-40.00	-70.00	0.00295	-30.00	-70.00	0.00334
-25.00	-70.00	0.00356	-20.00	-70.00	0.00380
-17.00	-70.00	0.00396	-15.00	-70.00	0.00408
-13.00	-70.00	0.00421	-11.00	-70.00	0.00436
-9.00	-70.00	0.00455	9.00	-70.00	0.00977
11.00	-70.00	0.00984	13.00	-70.00	0.00989
15.00	-70.00	0.00991	17.00	-70.00	0.00988

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

*** NCRA Cumulative DPM Impacts

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

10:11:25

**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	0.00978	25.00	-70.00	0.00946
30.00	-70.00	0.00904	40.00	-70.00	0.00809
50.00	-70.00	0.00719	60.00	-70.00	0.00639
70.00	-70.00	0.00570	80.00	-70.00	0.00512
90.00	-70.00	0.00462	100.00	-70.00	0.00419
-100.00	-60.00	0.00146	-90.00	-60.00	0.00162
-80.00	-60.00	0.00182	-70.00	-60.00	0.00204
-60.00	-60.00	0.00230	-50.00	-60.00	0.00260
-40.00	-60.00	0.00295	-30.00	-60.00	0.00334
-25.00	-60.00	0.00356	-20.00	-60.00	0.00380
-17.00	-60.00	0.00396	-15.00	-60.00	0.00408
-13.00	-60.00	0.00421	-11.00	-60.00	0.00436
-9.00	-60.00	0.00455	9.00	-60.00	0.00976
11.00	-60.00	0.00983	13.00	-60.00	0.00988
15.00	-60.00	0.00990	17.00	-60.00	0.00987
20.00	-60.00	0.00977	25.00	-60.00	0.00945
30.00	-60.00	0.00902	40.00	-60.00	0.00808
50.00	-60.00	0.00717	60.00	-60.00	0.00637
70.00	-60.00	0.00569	80.00	-60.00	0.00510
90.00	-60.00	0.00460	100.00	-60.00	0.00417
-100.00	-50.00	0.00147	-90.00	-50.00	0.00163
-80.00	-50.00	0.00183	-70.00	-50.00	0.00205
-60.00	-50.00	0.00231	-50.00	-50.00	0.00261
-40.00	-50.00	0.00295	-30.00	-50.00	0.00334
-25.00	-50.00	0.00356	-20.00	-50.00	0.00380
-17.00	-50.00	0.00396	-15.00	-50.00	0.00407
-13.00	-50.00	0.00420	-11.00	-50.00	0.00436
-9.00	-50.00	0.00455	9.00	-50.00	0.00976
11.00	-50.00	0.00983	13.00	-50.00	0.00987
15.00	-50.00	0.00988	17.00	-50.00	0.00986
20.00	-50.00	0.00975	25.00	-50.00	0.00943
30.00	-50.00	0.00901	40.00	-50.00	0.00806
50.00	-50.00	0.00716	60.00	-50.00	0.00636
70.00	-50.00	0.00567	80.00	-50.00	0.00508

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

90.00	-50.00	0.00458	100.00	-50.00	0.00415
-100.00	-40.00	0.00147	-90.00	-40.00	0.00164
-80.00	-40.00	0.00183	-70.00	-40.00	0.00205
-60.00	-40.00	0.00231	-50.00	-40.00	0.00261
-40.00	-40.00	0.00295	-30.00	-40.00	0.00334
-25.00	-40.00	0.00355	-20.00	-40.00	0.00379

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

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

10:11:25
 **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	0.00395	-15.00	-40.00	0.00407
-13.00	-40.00	0.00420	-11.00	-40.00	0.00435
-9.00	-40.00	0.00454	9.00	-40.00	0.00974
11.00	-40.00	0.00981	13.00	-40.00	0.00986
15.00	-40.00	0.00987	17.00	-40.00	0.00985
20.00	-40.00	0.00974	25.00	-40.00	0.00942
30.00	-40.00	0.00899	40.00	-40.00	0.00804
50.00	-40.00	0.00714	60.00	-40.00	0.00634
70.00	-40.00	0.00565	80.00	-40.00	0.00506
90.00	-40.00	0.00455	100.00	-40.00	0.00412
-100.00	-30.00	0.00148	-90.00	-30.00	0.00164
-80.00	-30.00	0.00183	-70.00	-30.00	0.00205
-60.00	-30.00	0.00231	-50.00	-30.00	0.00260
-40.00	-30.00	0.00294	-30.00	-30.00	0.00333
-25.00	-30.00	0.00355	-20.00	-30.00	0.00378
-17.00	-30.00	0.00394	-15.00	-30.00	0.00406
-13.00	-30.00	0.00419	-11.00	-30.00	0.00434
-9.00	-30.00	0.00453	9.00	-30.00	0.00972
11.00	-30.00	0.00979	13.00	-30.00	0.00984
15.00	-30.00	0.00985	17.00	-30.00	0.00983
20.00	-30.00	0.00972	25.00	-30.00	0.00939
30.00	-30.00	0.00897	40.00	-30.00	0.00802
50.00	-30.00	0.00712	60.00	-30.00	0.00631
70.00	-30.00	0.00562	80.00	-30.00	0.00503
90.00	-30.00	0.00453	100.00	-30.00	0.00409
-100.00	-20.00	0.00148	-90.00	-20.00	0.00165
-80.00	-20.00	0.00183	-70.00	-20.00	0.00205
-60.00	-20.00	0.00231	-50.00	-20.00	0.00260

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-40.00	-20.00	0.00294	-30.00	-20.00	0.00332
-25.00	-20.00	0.00354	-20.00	-20.00	0.00377
-17.00	-20.00	0.00393	-15.00	-20.00	0.00405
-13.00	-20.00	0.00417	-11.00	-20.00	0.00432
-9.00	-20.00	0.00451	9.00	-20.00	0.00970
11.00	-20.00	0.00977	13.00	-20.00	0.00982
15.00	-20.00	0.00984	17.00	-20.00	0.00981
20.00	-20.00	0.00970	25.00	-20.00	0.00937
30.00	-20.00	0.00895	40.00	-20.00	0.00800
50.00	-20.00	0.00709	60.00	-20.00	0.00629
70.00	-20.00	0.00560	80.00	-20.00	0.00500
90.00	-20.00	0.00450	100.00	-20.00	0.00406

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

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

10:11:25

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00148	-90.00	-10.00	0.00165
-80.00	-10.00	0.00183	-70.00	-10.00	0.00205
-60.00	-10.00	0.00230	-50.00	-10.00	0.00260
-40.00	-10.00	0.00293	-30.00	-10.00	0.00331
-25.00	-10.00	0.00353	-20.00	-10.00	0.00376
-17.00	-10.00	0.00392	-15.00	-10.00	0.00403
-13.00	-10.00	0.00416	-11.00	-10.00	0.00431
-9.00	-10.00	0.00449	9.00	-10.00	0.00968
11.00	-10.00	0.00975	13.00	-10.00	0.00980
15.00	-10.00	0.00981	17.00	-10.00	0.00978
20.00	-10.00	0.00967	25.00	-10.00	0.00935
30.00	-10.00	0.00893	40.00	-10.00	0.00798
50.00	-10.00	0.00707	60.00	-10.00	0.00626
70.00	-10.00	0.00557	80.00	-10.00	0.00497
90.00	-10.00	0.00446	100.00	-10.00	0.00402
-100.00	0.00	0.00148	-90.00	0.00	0.00164
-80.00	0.00	0.00183	-70.00	0.00	0.00205
-60.00	0.00	0.00230	-50.00	0.00	0.00259
-40.00	0.00	0.00292	-30.00	0.00	0.00330
-25.00	0.00	0.00352	-20.00	0.00	0.00375
-17.00	0.00	0.00390	-15.00	0.00	0.00402
-13.00	0.00	0.00415	-11.00	0.00	0.00429

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-9.00	0.00	0.00448	9.00	0.00	0.00966
11.00	0.00	0.00973	13.00	0.00	0.00978
15.00	0.00	0.00979	17.00	0.00	0.00976
20.00	0.00	0.00965	25.00	0.00	0.00933
30.00	0.00	0.00890	40.00	0.00	0.00795
50.00	0.00	0.00703	60.00	0.00	0.00623
70.00	0.00	0.00553	80.00	0.00	0.00494
90.00	0.00	0.00443	100.00	0.00	0.00398
-100.00	10.00	0.00148	-90.00	10.00	0.00164
-80.00	10.00	0.00183	-70.00	10.00	0.00204
-60.00	10.00	0.00229	-50.00	10.00	0.00258
-40.00	10.00	0.00291	-30.00	10.00	0.00329
-25.00	10.00	0.00350	-20.00	10.00	0.00373
-17.00	10.00	0.00389	-15.00	10.00	0.00400
-13.00	10.00	0.00413	-11.00	10.00	0.00428
-9.00	10.00	0.00446	9.00	10.00	0.00963
11.00	10.00	0.00970	13.00	10.00	0.00975
15.00	10.00	0.00976	17.00	10.00	0.00973

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

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

10:11:25
 **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	0.00962	25.00	10.00	0.00930
30.00	10.00	0.00887	40.00	10.00	0.00792
50.00	10.00	0.00700	60.00	10.00	0.00619
70.00	10.00	0.00549	80.00	10.00	0.00490
90.00	10.00	0.00438	100.00	10.00	0.00394
-100.00	20.00	0.00148	-90.00	20.00	0.00164
-80.00	20.00	0.00182	-70.00	20.00	0.00203
-60.00	20.00	0.00228	-50.00	20.00	0.00257
-40.00	20.00	0.00290	-30.00	20.00	0.00328
-25.00	20.00	0.00349	-20.00	20.00	0.00372
-17.00	20.00	0.00387	-15.00	20.00	0.00398
-13.00	20.00	0.00411	-11.00	20.00	0.00425
-9.00	20.00	0.00444	9.00	20.00	0.00961
11.00	20.00	0.00967	13.00	20.00	0.00972
15.00	20.00	0.00974	17.00	20.00	0.00971
20.00	20.00	0.00959	25.00	20.00	0.00926

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00884	40.00	20.00	0.00788
50.00	20.00	0.00696	60.00	20.00	0.00615
70.00	20.00	0.00545	80.00	20.00	0.00485
90.00	20.00	0.00433	100.00	20.00	0.00389
-100.00	30.00	0.00147	-90.00	30.00	0.00163
-80.00	30.00	0.00181	-70.00	30.00	0.00202
-60.00	30.00	0.00227	-50.00	30.00	0.00256
-40.00	30.00	0.00289	-30.00	30.00	0.00326
-25.00	30.00	0.00347	-20.00	30.00	0.00370
-17.00	30.00	0.00385	-15.00	30.00	0.00396
-13.00	30.00	0.00409	-11.00	30.00	0.00423
-9.00	30.00	0.00441	9.00	30.00	0.00958
11.00	30.00	0.00965	13.00	30.00	0.00969
15.00	30.00	0.00970	17.00	30.00	0.00967
20.00	30.00	0.00956	25.00	30.00	0.00923
30.00	30.00	0.00880	40.00	30.00	0.00784
50.00	30.00	0.00692	60.00	30.00	0.00611
70.00	30.00	0.00540	80.00	30.00	0.00480
90.00	30.00	0.00428	100.00	30.00	0.00383
-100.00	40.00	0.00147	-90.00	40.00	0.00162
-80.00	40.00	0.00180	-70.00	40.00	0.00201
-60.00	40.00	0.00226	-50.00	40.00	0.00254
-40.00	40.00	0.00287	-30.00	40.00	0.00324
-25.00	40.00	0.00345	-20.00	40.00	0.00368

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

10:11:25
 **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	0.00383	-15.00	40.00	0.00394
-13.00	40.00	0.00406	-11.00	40.00	0.00421
-9.00	40.00	0.00440	9.00	40.00	0.00956
11.00	40.00	0.00962	13.00	40.00	0.00965
15.00	40.00	0.00966	17.00	40.00	0.00963
20.00	40.00	0.00952	25.00	40.00	0.00919
30.00	40.00	0.00876	40.00	40.00	0.00779
50.00	40.00	0.00687	60.00	40.00	0.00606
70.00	40.00	0.00535	80.00	40.00	0.00474
90.00	40.00	0.00422	100.00	40.00	0.00376

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-100.00	50.00	0.00146	-90.00	50.00	0.00161
-80.00	50.00	0.00179	-70.00	50.00	0.00200
-60.00	50.00	0.00225	-50.00	50.00	0.00253
-40.00	50.00	0.00285	-30.00	50.00	0.00322
-25.00	50.00	0.00343	-20.00	50.00	0.00365
-17.00	50.00	0.00380	-15.00	50.00	0.00391
-13.00	50.00	0.00404	-11.00	50.00	0.00418
-9.00	50.00	0.00437	9.00	50.00	0.00951
11.00	50.00	0.00957	13.00	50.00	0.00962
15.00	50.00	0.00962	17.00	50.00	0.00959
20.00	50.00	0.00948	25.00	50.00	0.00914
30.00	50.00	0.00870	40.00	50.00	0.00774
50.00	50.00	0.00682	60.00	50.00	0.00600
70.00	50.00	0.00529	80.00	50.00	0.00467
90.00	50.00	0.00415	100.00	50.00	0.00369
-100.00	60.00	0.00145	-90.00	60.00	0.00160
-80.00	60.00	0.00178	-70.00	60.00	0.00199
-60.00	60.00	0.00223	-50.00	60.00	0.00251
-40.00	60.00	0.00283	-30.00	60.00	0.00320
-25.00	60.00	0.00340	-20.00	60.00	0.00363
-17.00	60.00	0.00378	-15.00	60.00	0.00388
-13.00	60.00	0.00401	-11.00	60.00	0.00415
-9.00	60.00	0.00433	9.00	60.00	0.00946
11.00	60.00	0.00952	13.00	60.00	0.00957
15.00	60.00	0.00957	17.00	60.00	0.00954
20.00	60.00	0.00943	25.00	60.00	0.00909
30.00	60.00	0.00865	40.00	60.00	0.00769
50.00	60.00	0.00676	60.00	60.00	0.00593
70.00	60.00	0.00521	80.00	60.00	0.00460
90.00	60.00	0.00407	100.00	60.00	0.00361

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

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

10:11:25

**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	0.00144	-90.00	70.00	0.00159
-80.00	70.00	0.00176	-70.00	70.00	0.00197
-60.00	70.00	0.00221	-50.00	70.00	0.00249
-40.00	70.00	0.00281	-30.00	70.00	0.00318

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-25.00	70.00	0.00338	-20.00	70.00	0.00360
-17.00	70.00	0.00374	-15.00	70.00	0.00385
-13.00	70.00	0.00397	-11.00	70.00	0.00411
-9.00	70.00	0.00429	9.00	70.00	0.00941
11.00	70.00	0.00947	13.00	70.00	0.00951
15.00	70.00	0.00952	17.00	70.00	0.00949
20.00	70.00	0.00937	25.00	70.00	0.00903
30.00	70.00	0.00859	40.00	70.00	0.00762
50.00	70.00	0.00669	60.00	70.00	0.00586
70.00	70.00	0.00513	80.00	70.00	0.00451
90.00	70.00	0.00397	100.00	70.00	0.00351
-100.00	80.00	0.00143	-90.00	80.00	0.00158
-80.00	80.00	0.00175	-70.00	80.00	0.00195
-60.00	80.00	0.00219	-50.00	80.00	0.00247
-40.00	80.00	0.00279	-30.00	80.00	0.00315
-25.00	80.00	0.00335	-20.00	80.00	0.00356
-17.00	80.00	0.00371	-15.00	80.00	0.00381
-13.00	80.00	0.00393	-11.00	80.00	0.00407
-9.00	80.00	0.00425	9.00	80.00	0.00935
11.00	80.00	0.00941	13.00	80.00	0.00946
15.00	80.00	0.00946	17.00	80.00	0.00942
20.00	80.00	0.00930	25.00	80.00	0.00897
30.00	80.00	0.00853	40.00	80.00	0.00755
50.00	80.00	0.00661	60.00	80.00	0.00577
70.00	80.00	0.00504	80.00	80.00	0.00441
90.00	80.00	0.00387	100.00	80.00	0.00340
-100.00	90.00	0.00141	-90.00	90.00	0.00156
-80.00	90.00	0.00173	-70.00	90.00	0.00193
-60.00	90.00	0.00217	-50.00	90.00	0.00244
-40.00	90.00	0.00276	-30.00	90.00	0.00312
-25.00	90.00	0.00331	-20.00	90.00	0.00353
-17.00	90.00	0.00367	-15.00	90.00	0.00377
-13.00	90.00	0.00389	-11.00	90.00	0.00403
-9.00	90.00	0.00420	9.00	90.00	0.00929
11.00	90.00	0.00935	13.00	90.00	0.00938
15.00	90.00	0.00939	17.00	90.00	0.00935

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

10:11:25
 **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 ***

04NCRA PL94-300 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	0.00923	25.00	90.00	0.00889
30.00	90.00	0.00845	40.00	90.00	0.00746
50.00	90.00	0.00651	60.00	90.00	0.00566
70.00	90.00	0.00492	80.00	90.00	0.00429
90.00	90.00	0.00375	100.00	90.00	0.00328
-100.00	100.00	0.00140	-90.00	100.00	0.00154
-80.00	100.00	0.00171	-70.00	100.00	0.00191
-60.00	100.00	0.00214	-50.00	100.00	0.00242
-40.00	100.00	0.00273	-30.00	100.00	0.00308
-25.00	100.00	0.00328	-20.00	100.00	0.00348
-17.00	100.00	0.00362	-15.00	100.00	0.00373
-13.00	100.00	0.00384	-11.00	100.00	0.00398
-9.00	100.00	0.00415	9.00	100.00	0.00921
11.00	100.00	0.00927	13.00	100.00	0.00931
15.00	100.00	0.00931	17.00	100.00	0.00927
20.00	100.00	0.00915	25.00	100.00	0.00880
30.00	100.00	0.00836	40.00	100.00	0.00736
50.00	100.00	0.00640	60.00	100.00	0.00554
70.00	100.00	0.00479	80.00	100.00	0.00415
90.00	100.00	0.00361	100.00	100.00	0.00315
-100.00	110.00	0.00138	-90.00	110.00	0.00153
-80.00	110.00	0.00169	-70.00	110.00	0.00189
-60.00	110.00	0.00211	-50.00	110.00	0.00238
-40.00	110.00	0.00269	-30.00	110.00	0.00304
-25.00	110.00	0.00323	-20.00	110.00	0.00344
-17.00	110.00	0.00358	-15.00	110.00	0.00368
-13.00	110.00	0.00379	-11.00	110.00	0.00392
-9.00	110.00	0.00409	9.00	110.00	0.00913
11.00	110.00	0.00918	13.00	110.00	0.00921
15.00	110.00	0.00922	17.00	110.00	0.00918
20.00	110.00	0.00905	25.00	110.00	0.00870
30.00	110.00	0.00825	40.00	110.00	0.00724
50.00	110.00	0.00627	60.00	110.00	0.00539
70.00	110.00	0.00463	80.00	110.00	0.00399
90.00	110.00	0.00345	100.00	110.00	0.00299
-100.00	120.00	0.00137	-90.00	120.00	0.00151
-80.00	120.00	0.00167	-70.00	120.00	0.00186
-60.00	120.00	0.00208	-50.00	120.00	0.00235
-40.00	120.00	0.00265	-30.00	120.00	0.00300
-25.00	120.00	0.00319	-20.00	120.00	0.00339

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

*** NCRA Cumulative DPM Impacts

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

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**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	0.00352	-15.00	120.00	0.00362
-13.00	120.00	0.00373	-11.00	120.00	0.00386
-9.00	120.00	0.00402	9.00	120.00	0.00903
11.00	120.00	0.00908	13.00	120.00	0.00911
15.00	120.00	0.00911	17.00	120.00	0.00906
20.00	120.00	0.00893	25.00	120.00	0.00858
30.00	120.00	0.00812	40.00	120.00	0.00709
50.00	120.00	0.00610	60.00	120.00	0.00521
70.00	120.00	0.00445	80.00	120.00	0.00380
90.00	120.00	0.00327	100.00	120.00	0.00282
-100.00	130.00	0.00135	-90.00	130.00	0.00149
-80.00	130.00	0.00165	-70.00	130.00	0.00183
-60.00	130.00	0.00205	-50.00	130.00	0.00231
-40.00	130.00	0.00261	-30.00	130.00	0.00295
-25.00	130.00	0.00313	-20.00	130.00	0.00333
-17.00	130.00	0.00346	-15.00	130.00	0.00355
-13.00	130.00	0.00366	-11.00	130.00	0.00379
-9.00	130.00	0.00395	9.00	130.00	0.00892
11.00	130.00	0.00896	13.00	130.00	0.00898
15.00	130.00	0.00897	17.00	130.00	0.00893
20.00	130.00	0.00879	25.00	130.00	0.00843
30.00	130.00	0.00796	40.00	130.00	0.00691
50.00	130.00	0.00590	60.00	130.00	0.00500
70.00	130.00	0.00423	80.00	130.00	0.00359
90.00	130.00	0.00306	100.00	130.00	0.00262
-100.00	140.00	0.00132	-90.00	140.00	0.00146
-80.00	140.00	0.00162	-70.00	140.00	0.00180
-60.00	140.00	0.00202	-50.00	140.00	0.00227
-40.00	140.00	0.00256	-30.00	140.00	0.00289
-25.00	140.00	0.00307	-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	0.00370
-9.00	140.00	0.00386	9.00	140.00	0.00876
11.00	140.00	0.00881	13.00	140.00	0.00883
15.00	140.00	0.00882	17.00	140.00	0.00877
20.00	140.00	0.00863	25.00	140.00	0.00825

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

30.00	140.00	0.00776	40.00	140.00	0.00669
50.00	140.00	0.00565	60.00	140.00	0.00473
70.00	140.00	0.00397	80.00	140.00	0.00334
90.00	140.00	0.00282	100.00	140.00	0.00241

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

10:11:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00130	-90.00	150.00	0.00143
-80.00	150.00	0.00159	-70.00	150.00	0.00177
-60.00	150.00	0.00198	-50.00	150.00	0.00222
-40.00	150.00	0.00250	-30.00	150.00	0.00282
-25.00	150.00	0.00300	-20.00	150.00	0.00318
-17.00	150.00	0.00330	-15.00	150.00	0.00339
-13.00	150.00	0.00349	-11.00	150.00	0.00361
-9.00	150.00	0.00376	9.00	150.00	0.00858
11.00	150.00	0.00862	13.00	150.00	0.00864
15.00	150.00	0.00862	17.00	150.00	0.00857
20.00	150.00	0.00842	25.00	150.00	0.00802
30.00	150.00	0.00751	40.00	150.00	0.00640
50.00	150.00	0.00534	60.00	150.00	0.00442
70.00	150.00	0.00366	80.00	150.00	0.00305
90.00	150.00	0.00256	100.00	150.00	0.00217
-100.00	160.00	0.00127	-90.00	160.00	0.00140
-80.00	160.00	0.00155	-70.00	160.00	0.00173
-60.00	160.00	0.00193	-50.00	160.00	0.00217
-40.00	160.00	0.00244	-30.00	160.00	0.00275
-25.00	160.00	0.00291	-20.00	160.00	0.00309
-17.00	160.00	0.00321	-15.00	160.00	0.00329
-13.00	160.00	0.00338	-11.00	160.00	0.00349
-9.00	160.00	0.00363	9.00	160.00	0.00836
11.00	160.00	0.00839	13.00	160.00	0.00840
15.00	160.00	0.00838	17.00	160.00	0.00832
20.00	160.00	0.00815	25.00	160.00	0.00772
30.00	160.00	0.00719	40.00	160.00	0.00603
50.00	160.00	0.00494	60.00	160.00	0.00404
70.00	160.00	0.00331	80.00	160.00	0.00273
90.00	160.00	0.00228	100.00	160.00	0.00192

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-100.00	170.00	0.00123	-90.00	170.00	0.00136
-80.00	170.00	0.00151	-70.00	170.00	0.00168
-60.00	170.00	0.00188	-50.00	170.00	0.00211
-40.00	170.00	0.00237	-30.00	170.00	0.00266
-25.00	170.00	0.00282	-20.00	170.00	0.00299
-17.00	170.00	0.00310	-15.00	170.00	0.00317
-13.00	170.00	0.00326	-11.00	170.00	0.00336
-9.00	170.00	0.00349	9.00	170.00	0.00809
11.00	170.00	0.00811	13.00	170.00	0.00810
15.00	170.00	0.00807	17.00	170.00	0.00799

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00780	25.00	170.00	0.00733
30.00	170.00	0.00676	40.00	170.00	0.00554
50.00	170.00	0.00446	60.00	170.00	0.00358
70.00	170.00	0.00290	80.00	170.00	0.00237
90.00	170.00	0.00197	100.00	170.00	0.00167
-100.00	180.00	0.00119	-90.00	180.00	0.00132
-80.00	180.00	0.00146	-70.00	180.00	0.00163
-60.00	180.00	0.00182	-50.00	180.00	0.00205
-40.00	180.00	0.00230	-30.00	180.00	0.00257
-25.00	180.00	0.00271	-20.00	180.00	0.00287
-17.00	180.00	0.00297	-15.00	180.00	0.00304
-13.00	180.00	0.00312	-11.00	180.00	0.00321
-9.00	180.00	0.00333	9.00	180.00	0.00774
11.00	180.00	0.00773	13.00	180.00	0.00771
15.00	180.00	0.00765	17.00	180.00	0.00754
20.00	180.00	0.00731	25.00	180.00	0.00678
30.00	180.00	0.00615	40.00	180.00	0.00491
50.00	180.00	0.00386	60.00	180.00	0.00305
70.00	180.00	0.00245	80.00	180.00	0.00200
90.00	180.00	0.00167	100.00	180.00	0.00141
-100.00	190.00	0.00115	-90.00	190.00	0.00127
-80.00	190.00	0.00140	-70.00	190.00	0.00156
-60.00	190.00	0.00175	-50.00	190.00	0.00197
-40.00	190.00	0.00221	-30.00	190.00	0.00247

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

-25.00	190.00	0.00260	-20.00	190.00	0.00273
-17.00	190.00	0.00282	-15.00	190.00	0.00289
-13.00	190.00	0.00296	-11.00	190.00	0.00304
-9.00	190.00	0.00314	9.00	190.00	0.00726
11.00	190.00	0.00722	13.00	190.00	0.00716
15.00	190.00	0.00705	17.00	190.00	0.00690
20.00	190.00	0.00661	25.00	190.00	0.00599
30.00	190.00	0.00532	40.00	190.00	0.00410
50.00	190.00	0.00316	60.00	190.00	0.00248
70.00	190.00	0.00199	80.00	190.00	0.00164
90.00	190.00	0.00137	100.00	190.00	0.00117
-100.00	200.00	0.00111	-90.00	200.00	0.00122
-80.00	200.00	0.00135	-70.00	200.00	0.00149
-60.00	200.00	0.00167	-50.00	200.00	0.00187
-40.00	200.00	0.00210	-30.00	200.00	0.00235
-25.00	200.00	0.00247	-20.00	200.00	0.00259

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	0.00266	-15.00	200.00	0.00272
-13.00	200.00	0.00277	-11.00	200.00	0.00284
-9.00	200.00	0.00292	9.00	200.00	0.00658
11.00	200.00	0.00646	13.00	200.00	0.00631
15.00	200.00	0.00613	17.00	200.00	0.00591
20.00	200.00	0.00553	25.00	200.00	0.00485
30.00	200.00	0.00420	40.00	200.00	0.00314
50.00	200.00	0.00240	60.00	200.00	0.00190
70.00	200.00	0.00155	80.00	200.00	0.00129
90.00	200.00	0.00110	100.00	200.00	0.00095
-100.00	210.00	0.00107	-90.00	210.00	0.00117
-80.00	210.00	0.00129	-70.00	210.00	0.00142
-60.00	210.00	0.00158	-50.00	210.00	0.00177
-40.00	210.00	0.00198	-30.00	210.00	0.00220
-25.00	210.00	0.00232	-20.00	210.00	0.00243
-17.00	210.00	0.00249	-15.00	210.00	0.00253
-13.00	210.00	0.00257	-11.00	210.00	0.00262
-9.00	210.00	0.00269	9.00	210.00	0.00541

04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00075	60.00	230.00	0.00068
70.00	230.00	0.00062	80.00	230.00	0.00057
90.00	230.00	0.00052	100.00	230.00	0.00048
-100.00	240.00	0.00091	-90.00	240.00	0.00098
-80.00	240.00	0.00106	-70.00	240.00	0.00114
-60.00	240.00	0.00124	-50.00	240.00	0.00133
-40.00	240.00	0.00142	-30.00	240.00	0.00148
-25.00	240.00	0.00149	-20.00	240.00	0.00146
-17.00	240.00	0.00141	-15.00	240.00	0.00137
-13.00	240.00	0.00131	-11.00	240.00	0.00125
-9.00	240.00	0.00117	9.00	240.00	0.00067
11.00	240.00	0.00066	13.00	240.00	0.00065
15.00	240.00	0.00064	17.00	240.00	0.00063
20.00	240.00	0.00061	25.00	240.00	0.00060
30.00	240.00	0.00058	40.00	240.00	0.00055
50.00	240.00	0.00052	60.00	240.00	0.00049
70.00	240.00	0.00046	80.00	240.00	0.00044
90.00	240.00	0.00041	100.00	240.00	0.00039
-100.00	250.00	0.00084	-90.00	250.00	0.00090
-80.00	250.00	0.00096	-70.00	250.00	0.00102
-60.00	250.00	0.00108	-50.00	250.00	0.00113
-40.00	250.00	0.00117	-30.00	250.00	0.00116
-25.00	250.00	0.00113	-20.00	250.00	0.00106
-17.00	250.00	0.00100	-15.00	250.00	0.00096
-13.00	250.00	0.00091	-11.00	250.00	0.00086
-9.00	250.00	0.00081	9.00	250.00	0.00052
11.00	250.00	0.00051	13.00	250.00	0.00050
15.00	250.00	0.00050	17.00	250.00	0.00049

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00048	25.00	250.00	0.00046
30.00	250.00	0.00045	40.00	250.00	0.00042
50.00	250.00	0.00040	60.00	250.00	0.00038
70.00	250.00	0.00036	80.00	250.00	0.00034
90.00	250.00	0.00033	100.00	250.00	0.00031

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

04/20/08

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE 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	0.00800 AT (13.00, 150.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00800 AT (15.00, 150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00797 AT (11.00, 150.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00795 AT (17.00, 150.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00793 AT (9.00, 150.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00791 AT (13.00, 160.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00790 AT (15.00, 160.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00789 AT (13.00, 140.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00789 AT (11.00, 160.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00788 AT (15.00, 140.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00800 AT (13.00, 60.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00800 AT (15.00, 60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00797 AT (11.00, 60.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00795 AT (17.00, 60.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00793 AT (9.00, 60.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00791 AT (13.00, 70.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00790 AT (15.00, 70.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00789 AT (13.00, 50.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00789 AT (11.00, 70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00788 AT (15.00, 50.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00800 AT (13.00, -30.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00800 AT (15.00, -30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00797 AT (11.00, -30.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00795 AT (17.00, -30.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00793 AT (9.00, -30.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00791 AT (13.00, -20.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00790 AT (15.00, -20.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00789 AT (13.00, -40.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00789 AT (11.00, -20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00788 AT (15.00, -40.00, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

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

10:11:25

**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	0.00800 AT (13.00, -120.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00800 AT (15.00, -120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00797 AT (11.00, -120.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00795 AT (17.00, -120.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00793 AT (9.00, -120.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00791 AT (13.00, -110.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00790 AT (15.00, -110.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00789 AT (13.00, -130.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00789 AT (11.00, -110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00788 AT (15.00, -130.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00800 AT (13.00, -210.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00800 AT (15.00, -210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00797 AT (11.00, -210.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00795 AT (17.00, -210.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00793 AT (9.00, -210.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00791 AT (13.00, -200.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00790 AT (15.00, -200.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00789 AT (13.00, -220.00, 0.00, 1.20)	DC	NA

		04NCRA_PL94-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00789	AT (	11.00,	-200.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00788	AT (	15.00,	-220.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00993	AT (	15.00,	-110.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00992	AT (	15.00,	-120.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00992	AT (	15.00,	-100.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00992	AT (	15.00,	-130.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00992	AT (	15.00,	-90.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00991	AT (	15.00,	-80.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00991	AT (	15.00,	-70.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00991	AT (	13.00,	-100.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00991	AT (	13.00,	-110.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00991	AT (	15.00,	-140.00,	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 ***

10:11:25

**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 10 Informational Message(s)
 A Total of 10 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
