

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 9:58:53

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Petaluma\02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA_S1 AREA -4.5 135.0 0

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

SO LOCATION NCRA_S2 AREA -4.5 45.0 0

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

SO LOCATION NCRA_S3 AREA -4.5 -45.0 0

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

SO LOCATION NCRA_S4 AREA -4.5 -135.0 0

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

SO LOCATION NCRA_S5 AREA -4.5 -225.0 0

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

SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 0 2.3

SO SRCGROUP NCRA_S1 NCRA_S1

SO SRCGROUP NCRA_S2 NCRA_S2

SO SRCGROUP NCRA_S3 NCRA_S3

SO SRCGROUP NCRA_S4 NCRA_S4

SO SRCGROUP NCRA_S5 NCRA_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

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

RE DISCCART -11.0 -240.0 1.2
RE DISCCART -9.0 -240.0 1.2
RE DISCCART 9.0 -240.0 1.2
RE DISCCART 11.0 -240.0 1.2
RE DISCCART 13.0 -240.0 1.2
RE DISCCART 15.0 -240.0 1.2
RE DISCCART 17.0 -240.0 1.2
RE DISCCART 20.0 -240.0 1.2
RE DISCCART 25.0 -240.0 1.2
RE DISCCART 30.0 -240.0 1.2
RE DISCCART 40.0 -240.0 1.2
RE DISCCART 50.0 -240.0 1.2
RE DISCCART 60.0 -240.0 1.2
RE DISCCART 70.0 -240.0 1.2
RE DISCCART 80.0 -240.0 1.2
RE DISCCART 90.0 -240.0 1.2
RE DISCCART 100.0 -240.0 1.2
RE DISCCART -100.0 -230.0 1.2
RE DISCCART -90.0 -230.0 1.2
RE DISCCART -80.0 -230.0 1.2
RE DISCCART -70.0 -230.0 1.2
RE DISCCART -60.0 -230.0 1.2
RE DISCCART -50.0 -230.0 1.2
RE DISCCART -40.0 -230.0 1.2
RE DISCCART -30.0 -230.0 1.2
RE DISCCART -25.0 -230.0 1.2
RE DISCCART -20.0 -230.0 1.2
RE DISCCART -17.0 -230.0 1.2
RE DISCCART -15.0 -230.0 1.2
RE DISCCART -13.0 -230.0 1.2
RE DISCCART -11.0 -230.0 1.2
RE DISCCART -9.0 -230.0 1.2
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	-40.0	-220.0	1.2
RE DISCCART	-30.0	-220.0	1.2
RE DISCCART	-25.0	-220.0	1.2
RE DISCCART	-20.0	-220.0	1.2
RE DISCCART	-17.0	-220.0	1.2
RE DISCCART	-15.0	-220.0	1.2
RE DISCCART	-13.0	-220.0	1.2
RE DISCCART	-11.0	-220.0	1.2
RE DISCCART	-9.0	-220.0	1.2
RE DISCCART	9.0	-220.0	1.2
RE DISCCART	11.0	-220.0	1.2
RE DISCCART	13.0	-220.0	1.2
RE DISCCART	15.0	-220.0	1.2
RE DISCCART	17.0	-220.0	1.2
RE DISCCART	20.0	-220.0	1.2
RE DISCCART	25.0	-220.0	1.2
RE DISCCART	30.0	-220.0	1.2
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RE DISCCART	60.0	-220.0	1.2
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RE DISCCART	-90.0	-210.0	1.2
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RE DISCCART	-70.0	-210.0	1.2
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RE DISCCART	-50.0	-210.0	1.2
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RE DISCCART	-30.0	-210.0	1.2
RE DISCCART	-25.0	-210.0	1.2
RE DISCCART	-20.0	-210.0	1.2
RE DISCCART	-17.0	-210.0	1.2

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

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

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

RE DISCCART	40.0	-170.0	1.2
RE DISCCART	50.0	-170.0	1.2
RE DISCCART	60.0	-170.0	1.2
RE DISCCART	70.0	-170.0	1.2
RE DISCCART	80.0	-170.0	1.2
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RE DISCCART	-90.0	-160.0	1.2
RE DISCCART	-80.0	-160.0	1.2
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RE DISCCART	-60.0	-160.0	1.2
RE DISCCART	-50.0	-160.0	1.2
RE DISCCART	-40.0	-160.0	1.2
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RE DISCCART	-17.0	-160.0	1.2
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RE DISCCART	-13.0	-160.0	1.2
RE DISCCART	-11.0	-160.0	1.2
RE DISCCART	-9.0	-160.0	1.2
RE DISCCART	9.0	-160.0	1.2
RE DISCCART	11.0	-160.0	1.2
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RE DISCCART	17.0	-160.0	1.2
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RE DISCCART	60.0	-160.0	1.2
RE DISCCART	70.0	-160.0	1.2
RE DISCCART	80.0	-160.0	1.2
RE DISCCART	90.0	-160.0	1.2
RE DISCCART	100.0	-160.0	1.2
RE DISCCART	-100.0	-150.0	1.2
RE DISCCART	-90.0	-150.0	1.2
RE DISCCART	-80.0	-150.0	1.2
RE DISCCART	-70.0	-150.0	1.2
RE DISCCART	-60.0	-150.0	1.2
RE DISCCART	-50.0	-150.0	1.2
RE DISCCART	-40.0	-150.0	1.2

RE DISCCART	-30.0	-150.0	1.2
RE DISCCART	-25.0	-150.0	1.2
RE DISCCART	-20.0	-150.0	1.2
RE DISCCART	-17.0	-150.0	1.2
RE DISCCART	-15.0	-150.0	1.2
RE DISCCART	-13.0	-150.0	1.2
RE DISCCART	-11.0	-150.0	1.2
RE DISCCART	-9.0	-150.0	1.2
RE DISCCART	9.0	-150.0	1.2
RE DISCCART	11.0	-150.0	1.2
RE DISCCART	13.0	-150.0	1.2
RE DISCCART	15.0	-150.0	1.2
RE DISCCART	17.0	-150.0	1.2
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RE DISCCART	25.0	-150.0	1.2
RE DISCCART	30.0	-150.0	1.2
RE DISCCART	40.0	-150.0	1.2
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RE DISCCART	60.0	-150.0	1.2
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RE DISCCART	-25.0	-140.0	1.2
RE DISCCART	-20.0	-140.0	1.2
RE DISCCART	-17.0	-140.0	1.2
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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
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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
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RE DISCCART	-100.0	-130.0	1.2
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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
RE DISCCART	-30.0	-130.0	1.2
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
RE DISCCART	40.0	-130.0	1.2
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
RE DISCCART	-100.0	-120.0	1.2
RE DISCCART	-90.0	-120.0	1.2
RE DISCCART	-80.0	-120.0	1.2
RE DISCCART	-70.0	-120.0	1.2
RE DISCCART	-60.0	-120.0	1.2

RE DISCCART	-50.0	-120.0	1.2
RE DISCCART	-40.0	-120.0	1.2
RE DISCCART	-30.0	-120.0	1.2
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RE DISCCART	90.0	170.0	1.2
RE DISCCART	100.0	170.0	1.2
RE DISCCART	-100.0	180.0	1.2
RE DISCCART	-90.0	180.0	1.2
RE DISCCART	-80.0	180.0	1.2
RE DISCCART	-70.0	180.0	1.2
RE DISCCART	-60.0	180.0	1.2
RE DISCCART	-50.0	180.0	1.2
RE DISCCART	-40.0	180.0	1.2
RE DISCCART	-30.0	180.0	1.2
RE DISCCART	-25.0	180.0	1.2
RE DISCCART	-20.0	180.0	1.2
RE DISCCART	-17.0	180.0	1.2
RE DISCCART	-15.0	180.0	1.2
RE DISCCART	-13.0	180.0	1.2
RE DISCCART	-11.0	180.0	1.2
RE DISCCART	-9.0	180.0	1.2
RE DISCCART	9.0	180.0	1.2
RE DISCCART	11.0	180.0	1.2
RE DISCCART	13.0	180.0	1.2
RE DISCCART	15.0	180.0	1.2
RE DISCCART	17.0	180.0	1.2
RE DISCCART	20.0	180.0	1.2
RE DISCCART	25.0	180.0	1.2
RE DISCCART	30.0	180.0	1.2
RE DISCCART	40.0	180.0	1.2
RE DISCCART	50.0	180.0	1.2
RE DISCCART	60.0	180.0	1.2
RE DISCCART	70.0	180.0	1.2
RE DISCCART	80.0	180.0	1.2
RE DISCCART	90.0	180.0	1.2

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

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

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

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

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

ME STARTING
ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET92300.ASC"
ME ANEMHGHT 10 METERS
ME SURFDATA 9901 1992
ME UAIRDATA 9901 1992
ME STARTEND 1992 01 01 1 1992 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\02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

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

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

09:58:54

**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\02NCRA~2.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\02NCRA-2.LST

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

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**MODELOPTs:
PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes rows for NCRA_S1 through NCRA_S5 with various emission and coordinate data.

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

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**MODELOPTs:
PAGE 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 ***

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**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);

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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

09:58:54

**MODELOPTs:

PAGE 6

CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA_PL92-300_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 ***

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 **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);

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

*** NCRA Cumulative DPM Impacts

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

09:58:54

**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);

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

04/20/08

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

09:58:54

**MODELOPTs:
PAGE 9

CONC URBAN FLAT FLGPOL DFAULT

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

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

02NCRA_PL92-300_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)

02NCRA_PL92-300_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);

02NCRA_PL92-300_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 ***

09:58:54
**MODELOPTs:
PAGE 11
CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA_PL92-300_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);

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

*** NCRA Cumulative DPM Impacts

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

09:58:54

**MODELOPTs:

PAGE 13

CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA_PL92-300_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 ***

09:58:54
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

04/20/08

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

09:58:54

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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

09:58:54

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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

09:58:54

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

02NCRA_PL92-300_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

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**MODELOPTs:
PAGE 19

CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA_PL92-300_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 ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** 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);

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

09:58:54
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

02NCRA_PL92-300_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)
92	01	01	01	115.0	1.00	275.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	02	147.0	1.00	274.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	03	131.0	1.00	273.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	04	98.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	05	113.0	1.12	271.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	06	95.0	1.39	271.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	07	139.0	1.00	271.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	08	233.0	1.00	270.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	09	107.0	1.00	272.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	10	29.0	1.12	277.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	11	316.0	2.55	281.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	12	334.0	2.46	284.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	13	342.0	2.91	286.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	14	330.0	2.19	287.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	15	328.0	4.34	287.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	16	327.0	3.98	285.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	17	311.0	3.13	284.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	18	311.0	2.64	280.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	19	278.0	1.97	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	20	209.0	1.88	278.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	21	352.0	1.00	276.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	22	195.0	1.12	275.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	23	265.0	1.21	275.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
92	01	01	24	308.0	3.40	274.0	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 ***

09:58:54

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

09:58:54
 **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	0.00006	25.00	-230.00	0.00006
30.00	-230.00	0.00006	40.00	-230.00	0.00007
50.00	-230.00	0.00007	60.00	-230.00	0.00007
70.00	-230.00	0.00007	80.00	-230.00	0.00008
90.00	-230.00	0.00008	100.00	-230.00	0.00008
-100.00	-220.00	0.00004	-90.00	-220.00	0.00004
-80.00	-220.00	0.00004	-70.00	-220.00	0.00005
-60.00	-220.00	0.00005	-50.00	-220.00	0.00005
-40.00	-220.00	0.00005	-30.00	-220.00	0.00005
-25.00	-220.00	0.00005	-20.00	-220.00	0.00006
-17.00	-220.00	0.00006	-15.00	-220.00	0.00006

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

09:58:54
 **MODELOPTS:
 PAGE 25
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00006	-15.00	-200.00	0.00006
-13.00	-200.00	0.00006	-11.00	-200.00	0.00006
-9.00	-200.00	0.00006	9.00	-200.00	0.00007
11.00	-200.00	0.00007	13.00	-200.00	0.00007
15.00	-200.00	0.00007	17.00	-200.00	0.00007

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 09:58:54
 **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 **

02NCRA_PL92-300_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	0.00005	-90.00	-170.00	0.00005
-80.00	-170.00	0.00005	-70.00	-170.00	0.00006
-60.00	-170.00	0.00006	-50.00	-170.00	0.00006
-40.00	-170.00	0.00006	-30.00	-170.00	0.00007
-25.00	-170.00	0.00007	-20.00	-170.00	0.00007
-17.00	-170.00	0.00007	-15.00	-170.00	0.00007
-13.00	-170.00	0.00007	-11.00	-170.00	0.00007
-9.00	-170.00	0.00007	9.00	-170.00	0.00008
11.00	-170.00	0.00008	13.00	-170.00	0.00008
15.00	-170.00	0.00008	17.00	-170.00	0.00008
20.00	-170.00	0.00008	25.00	-170.00	0.00008
30.00	-170.00	0.00009	40.00	-170.00	0.00009
50.00	-170.00	0.00009	60.00	-170.00	0.00010
70.00	-170.00	0.00010	80.00	-170.00	0.00011
90.00	-170.00	0.00012	100.00	-170.00	0.00012
-100.00	-160.00	0.00005	-90.00	-160.00	0.00005
-80.00	-160.00	0.00006	-70.00	-160.00	0.00006
-60.00	-160.00	0.00006	-50.00	-160.00	0.00006
-40.00	-160.00	0.00007	-30.00	-160.00	0.00007
-25.00	-160.00	0.00007	-20.00	-160.00	0.00007
-17.00	-160.00	0.00007	-15.00	-160.00	0.00007
-13.00	-160.00	0.00008	-11.00	-160.00	0.00008
-9.00	-160.00	0.00008	9.00	-160.00	0.00008
11.00	-160.00	0.00008	13.00	-160.00	0.00008
15.00	-160.00	0.00009	17.00	-160.00	0.00009
20.00	-160.00	0.00009	25.00	-160.00	0.00009
30.00	-160.00	0.00009	40.00	-160.00	0.00010
50.00	-160.00	0.00010	60.00	-160.00	0.00011
70.00	-160.00	0.00011	80.00	-160.00	0.00012
90.00	-160.00	0.00012	100.00	-160.00	0.00013
-100.00	-150.00	0.00006	-90.00	-150.00	0.00006
-80.00	-150.00	0.00006	-70.00	-150.00	0.00006
-60.00	-150.00	0.00006	-50.00	-150.00	0.00007
-40.00	-150.00	0.00007	-30.00	-150.00	0.00007
-25.00	-150.00	0.00007	-20.00	-150.00	0.00008
-17.00	-150.00	0.00008	-15.00	-150.00	0.00008
-13.00	-150.00	0.00008	-11.00	-150.00	0.00008
-9.00	-150.00	0.00008	9.00	-150.00	0.00009
11.00	-150.00	0.00009	13.00	-150.00	0.00009
15.00	-150.00	0.00009	17.00	-150.00	0.00009

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

*** NCRA Cumulative DPM Impacts

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

09:58:54

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-60.00	-120.00	0.00007	-50.00	-120.00	0.00008
-40.00	-120.00	0.00008	-30.00	-120.00	0.00009
-25.00	-120.00	0.00009	-20.00	-120.00	0.00009

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

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

09:58:54

**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	0.00009	-15.00	-120.00	0.00009
-13.00	-120.00	0.00009	-11.00	-120.00	0.00010
-9.00	-120.00	0.00010	9.00	-120.00	0.00011
11.00	-120.00	0.00011	13.00	-120.00	0.00011
15.00	-120.00	0.00011	17.00	-120.00	0.00011
20.00	-120.00	0.00011	25.00	-120.00	0.00011
30.00	-120.00	0.00012	40.00	-120.00	0.00012
50.00	-120.00	0.00013	60.00	-120.00	0.00014
70.00	-120.00	0.00015	80.00	-120.00	0.00016
90.00	-120.00	0.00016	100.00	-120.00	0.00017
-100.00	-110.00	0.00007	-90.00	-110.00	0.00007
-80.00	-110.00	0.00007	-70.00	-110.00	0.00007
-60.00	-110.00	0.00008	-50.00	-110.00	0.00008
-40.00	-110.00	0.00009	-30.00	-110.00	0.00009
-25.00	-110.00	0.00009	-20.00	-110.00	0.00010
-17.00	-110.00	0.00010	-15.00	-110.00	0.00010
-13.00	-110.00	0.00010	-11.00	-110.00	0.00010
-9.00	-110.00	0.00010	9.00	-110.00	0.00011
11.00	-110.00	0.00011	13.00	-110.00	0.00011
15.00	-110.00	0.00012	17.00	-110.00	0.00012
20.00	-110.00	0.00012	25.00	-110.00	0.00012
30.00	-110.00	0.00013	40.00	-110.00	0.00013
50.00	-110.00	0.00014	60.00	-110.00	0.00015
70.00	-110.00	0.00016	80.00	-110.00	0.00017
90.00	-110.00	0.00018	100.00	-110.00	0.00019
-100.00	-100.00	0.00007	-90.00	-100.00	0.00007
-80.00	-100.00	0.00008	-70.00	-100.00	0.00008
-60.00	-100.00	0.00008	-50.00	-100.00	0.00009
-40.00	-100.00	0.00009	-30.00	-100.00	0.00010
-25.00	-100.00	0.00010	-20.00	-100.00	0.00010
-17.00	-100.00	0.00010	-15.00	-100.00	0.00011

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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

09:58:54

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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

09:58:54

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00016	25.00	-70.00	0.00016
30.00	-70.00	0.00017	40.00	-70.00	0.00018
50.00	-70.00	0.00020	60.00	-70.00	0.00021
70.00	-70.00	0.00022	80.00	-70.00	0.00024
90.00	-70.00	0.00025	100.00	-70.00	0.00027
-100.00	-60.00	0.00009	-90.00	-60.00	0.00010
-80.00	-60.00	0.00010	-70.00	-60.00	0.00010
-60.00	-60.00	0.00010	-50.00	-60.00	0.00011
-40.00	-60.00	0.00012	-30.00	-60.00	0.00012
-25.00	-60.00	0.00013	-20.00	-60.00	0.00013
-17.00	-60.00	0.00014	-15.00	-60.00	0.00014
-13.00	-60.00	0.00014	-11.00	-60.00	0.00014
-9.00	-60.00	0.00014	9.00	-60.00	0.00016
11.00	-60.00	0.00016	13.00	-60.00	0.00017
15.00	-60.00	0.00017	17.00	-60.00	0.00017
20.00	-60.00	0.00017	25.00	-60.00	0.00018
30.00	-60.00	0.00019	40.00	-60.00	0.00020
50.00	-60.00	0.00022	60.00	-60.00	0.00023
70.00	-60.00	0.00025	80.00	-60.00	0.00026

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

90.00	-60.00	0.00028	100.00	-60.00	0.00029
-100.00	-50.00	0.00010	-90.00	-50.00	0.00010
-80.00	-50.00	0.00011	-70.00	-50.00	0.00011
-60.00	-50.00	0.00011	-50.00	-50.00	0.00012
-40.00	-50.00	0.00012	-30.00	-50.00	0.00013
-25.00	-50.00	0.00014	-20.00	-50.00	0.00014
-17.00	-50.00	0.00015	-15.00	-50.00	0.00015
-13.00	-50.00	0.00015	-11.00	-50.00	0.00015
-9.00	-50.00	0.00015	9.00	-50.00	0.00018
11.00	-50.00	0.00018	13.00	-50.00	0.00018
15.00	-50.00	0.00018	17.00	-50.00	0.00018
20.00	-50.00	0.00019	25.00	-50.00	0.00020
30.00	-50.00	0.00020	40.00	-50.00	0.00022
50.00	-50.00	0.00024	60.00	-50.00	0.00026
70.00	-50.00	0.00027	80.00	-50.00	0.00029
90.00	-50.00	0.00031	100.00	-50.00	0.00032
-100.00	-40.00	0.00010	-90.00	-40.00	0.00011
-80.00	-40.00	0.00011	-70.00	-40.00	0.00012
-60.00	-40.00	0.00012	-50.00	-40.00	0.00013
-40.00	-40.00	0.00013	-30.00	-40.00	0.00014
-25.00	-40.00	0.00015	-20.00	-40.00	0.00015

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

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

09:58:54

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00016	-15.00	-40.00	0.00016
-13.00	-40.00	0.00016	-11.00	-40.00	0.00017
-9.00	-40.00	0.00017	9.00	-40.00	0.00019
11.00	-40.00	0.00019	13.00	-40.00	0.00020
15.00	-40.00	0.00020	17.00	-40.00	0.00020
20.00	-40.00	0.00021	25.00	-40.00	0.00021
30.00	-40.00	0.00022	40.00	-40.00	0.00024
50.00	-40.00	0.00026	60.00	-40.00	0.00028
70.00	-40.00	0.00030	80.00	-40.00	0.00032
90.00	-40.00	0.00034	100.00	-40.00	0.00036
-100.00	-30.00	0.00011	-90.00	-30.00	0.00012
-80.00	-30.00	0.00012	-70.00	-30.00	0.00013
-60.00	-30.00	0.00013	-50.00	-30.00	0.00014

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00014	-30.00	-30.00	0.00015
-25.00	-30.00	0.00016	-20.00	-30.00	0.00017
-17.00	-30.00	0.00017	-15.00	-30.00	0.00017
-13.00	-30.00	0.00018	-11.00	-30.00	0.00018
-9.00	-30.00	0.00018	9.00	-30.00	0.00021
11.00	-30.00	0.00021	13.00	-30.00	0.00021
15.00	-30.00	0.00022	17.00	-30.00	0.00022
20.00	-30.00	0.00023	25.00	-30.00	0.00024
30.00	-30.00	0.00025	40.00	-30.00	0.00027
50.00	-30.00	0.00029	60.00	-30.00	0.00032
70.00	-30.00	0.00034	80.00	-30.00	0.00036
90.00	-30.00	0.00038	100.00	-30.00	0.00040
-100.00	-20.00	0.00012	-90.00	-20.00	0.00012
-80.00	-20.00	0.00013	-70.00	-20.00	0.00014
-60.00	-20.00	0.00014	-50.00	-20.00	0.00015
-40.00	-20.00	0.00016	-30.00	-20.00	0.00017
-25.00	-20.00	0.00017	-20.00	-20.00	0.00018
-17.00	-20.00	0.00019	-15.00	-20.00	0.00019
-13.00	-20.00	0.00019	-11.00	-20.00	0.00020
-9.00	-20.00	0.00020	9.00	-20.00	0.00023
11.00	-20.00	0.00023	13.00	-20.00	0.00024
15.00	-20.00	0.00024	17.00	-20.00	0.00024
20.00	-20.00	0.00025	25.00	-20.00	0.00026
30.00	-20.00	0.00027	40.00	-20.00	0.00030
50.00	-20.00	0.00033	60.00	-20.00	0.00036
70.00	-20.00	0.00038	80.00	-20.00	0.00041
90.00	-20.00	0.00043	100.00	-20.00	0.00044

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

09:58:54
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00012	-90.00	-10.00	0.00013
-80.00	-10.00	0.00014	-70.00	-10.00	0.00015
-60.00	-10.00	0.00015	-50.00	-10.00	0.00016
-40.00	-10.00	0.00017	-30.00	-10.00	0.00018
-25.00	-10.00	0.00019	-20.00	-10.00	0.00020
-17.00	-10.00	0.00020	-15.00	-10.00	0.00021
-13.00	-10.00	0.00021	-11.00	-10.00	0.00021

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00022	9.00	-10.00	0.00025
11.00	-10.00	0.00026	13.00	-10.00	0.00026
15.00	-10.00	0.00027	17.00	-10.00	0.00027
20.00	-10.00	0.00028	25.00	-10.00	0.00029
30.00	-10.00	0.00031	40.00	-10.00	0.00034
50.00	-10.00	0.00037	60.00	-10.00	0.00040
70.00	-10.00	0.00043	80.00	-10.00	0.00046
90.00	-10.00	0.00048	100.00	-10.00	0.00050
-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	0.00017	-50.00	0.00	0.00017
-40.00	0.00	0.00018	-30.00	0.00	0.00020
-25.00	0.00	0.00021	-20.00	0.00	0.00021
-17.00	0.00	0.00022	-15.00	0.00	0.00023
-13.00	0.00	0.00023	-11.00	0.00	0.00023
-9.00	0.00	0.00024	9.00	0.00	0.00028
11.00	0.00	0.00029	13.00	0.00	0.00029
15.00	0.00	0.00030	17.00	0.00	0.00030
20.00	0.00	0.00031	25.00	0.00	0.00033
30.00	0.00	0.00034	40.00	0.00	0.00038
50.00	0.00	0.00042	60.00	0.00	0.00046
70.00	0.00	0.00049	80.00	0.00	0.00052
90.00	0.00	0.00054	100.00	0.00	0.00056
-100.00	10.00	0.00014	-90.00	10.00	0.00015
-80.00	10.00	0.00016	-70.00	10.00	0.00017
-60.00	10.00	0.00018	-50.00	10.00	0.00019
-40.00	10.00	0.00020	-30.00	10.00	0.00022
-25.00	10.00	0.00022	-20.00	10.00	0.00024
-17.00	10.00	0.00024	-15.00	10.00	0.00025
-13.00	10.00	0.00025	-11.00	10.00	0.00026
-9.00	10.00	0.00026	9.00	10.00	0.00031
11.00	10.00	0.00032	13.00	10.00	0.00033
15.00	10.00	0.00033	17.00	10.00	0.00034

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

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

09:58:54

**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	0.00035	25.00	10.00	0.00037

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00039	40.00	10.00	0.00044
50.00	10.00	0.00048	60.00	10.00	0.00053
70.00	10.00	0.00056	80.00	10.00	0.00059
90.00	10.00	0.00061	100.00	10.00	0.00063
-100.00	20.00	0.00015	-90.00	20.00	0.00016
-80.00	20.00	0.00017	-70.00	20.00	0.00019
-60.00	20.00	0.00020	-50.00	20.00	0.00021
-40.00	20.00	0.00022	-30.00	20.00	0.00024
-25.00	20.00	0.00025	-20.00	20.00	0.00026
-17.00	20.00	0.00027	-15.00	20.00	0.00027
-13.00	20.00	0.00028	-11.00	20.00	0.00029
-9.00	20.00	0.00029	9.00	20.00	0.00035
11.00	20.00	0.00036	13.00	20.00	0.00037
15.00	20.00	0.00038	17.00	20.00	0.00039
20.00	20.00	0.00040	25.00	20.00	0.00042
30.00	20.00	0.00045	40.00	20.00	0.00050
50.00	20.00	0.00056	60.00	20.00	0.00061
70.00	20.00	0.00065	80.00	20.00	0.00068
90.00	20.00	0.00070	100.00	20.00	0.00071
-100.00	30.00	0.00015	-90.00	30.00	0.00017
-80.00	30.00	0.00019	-70.00	30.00	0.00020
-60.00	30.00	0.00022	-50.00	30.00	0.00023
-40.00	30.00	0.00024	-30.00	30.00	0.00026
-25.00	30.00	0.00027	-20.00	30.00	0.00029
-17.00	30.00	0.00030	-15.00	30.00	0.00031
-13.00	30.00	0.00031	-11.00	30.00	0.00032
-9.00	30.00	0.00033	9.00	30.00	0.00040
11.00	30.00	0.00041	13.00	30.00	0.00042
15.00	30.00	0.00043	17.00	30.00	0.00044
20.00	30.00	0.00046	25.00	30.00	0.00049
30.00	30.00	0.00052	40.00	30.00	0.00059
50.00	30.00	0.00065	60.00	30.00	0.00071
70.00	30.00	0.00075	80.00	30.00	0.00078
90.00	30.00	0.00080	100.00	30.00	0.00080
-100.00	40.00	0.00016	-90.00	40.00	0.00018
-80.00	40.00	0.00020	-70.00	40.00	0.00022
-60.00	40.00	0.00024	-50.00	40.00	0.00026
-40.00	40.00	0.00027	-30.00	40.00	0.00029
-25.00	40.00	0.00030	-20.00	40.00	0.00032

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

*** NCRA Cumulative DPM Impacts

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

09:58:54

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	40.00	0.00033	-15.00	40.00	0.00034	
-13.00	40.00	0.00035	-11.00	40.00	0.00036	
-9.00	40.00	0.00037	9.00	40.00	0.00046	
11.00	40.00	0.00047	13.00	40.00	0.00048	
15.00	40.00	0.00050	17.00	40.00	0.00051	
20.00	40.00	0.00053	25.00	40.00	0.00057	
30.00	40.00	0.00061	40.00	40.00	0.00069	
50.00	40.00	0.00077	60.00	40.00	0.00084	
70.00	40.00	0.00088	80.00	40.00	0.00091	
90.00	40.00	0.00091	100.00	40.00	0.00091	
-100.00	50.00	0.00017	-90.00	50.00	0.00019	
-80.00	50.00	0.00021	-70.00	50.00	0.00024	
-60.00	50.00	0.00026	-50.00	50.00	0.00029	
-40.00	50.00	0.00031	-30.00	50.00	0.00033	
-25.00	50.00	0.00034	-20.00	50.00	0.00036	
-17.00	50.00	0.00037	-15.00	50.00	0.00038	
-13.00	50.00	0.00039	-11.00	50.00	0.00041	
-9.00	50.00	0.00042	9.00	50.00	0.00053	
11.00	50.00	0.00055	13.00	50.00	0.00056	
15.00	50.00	0.00058	17.00	50.00	0.00060	
20.00	50.00	0.00063	25.00	50.00	0.00068	
30.00	50.00	0.00073	40.00	50.00	0.00083	
50.00	50.00	0.00092	60.00	50.00	0.00099	
70.00	50.00	0.00103	80.00	50.00	0.00105	
90.00	50.00	0.00105	100.00	50.00	0.00103	
-100.00	60.00	0.00018	-90.00	60.00	0.00020	
-80.00	60.00	0.00023	-70.00	60.00	0.00025	
-60.00	60.00	0.00029	-50.00	60.00	0.00032	
-40.00	60.00	0.00034	-30.00	60.00	0.00037	
-25.00	60.00	0.00039	-20.00	60.00	0.00041	
-17.00	60.00	0.00042	-15.00	60.00	0.00043	
-13.00	60.00	0.00045	-11.00	60.00	0.00046	
-9.00	60.00	0.00047	9.00	60.00	0.00062	
11.00	60.00	0.00064	13.00	60.00	0.00067	
15.00	60.00	0.00069	17.00	60.00	0.00071	
20.00	60.00	0.00075	25.00	60.00	0.00081	
30.00	60.00	0.00088	40.00	60.00	0.00101	
50.00	60.00	0.00112	60.00	60.00	0.00119	
70.00	60.00	0.00122	80.00	60.00	0.00123	

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

90.00 60.00 0.00120 100.00 60.00 0.00116

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

09:58:54

**MODELOPTs:
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00019	-90.00	70.00	0.00021
-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	0.00039	-30.00	70.00	0.00042
-25.00	70.00	0.00044	-20.00	70.00	0.00046
-17.00	70.00	0.00048	-15.00	70.00	0.00049
-13.00	70.00	0.00051	-11.00	70.00	0.00053
-9.00	70.00	0.00054	9.00	70.00	0.00074
11.00	70.00	0.00077	13.00	70.00	0.00080
15.00	70.00	0.00083	17.00	70.00	0.00086
20.00	70.00	0.00091	25.00	70.00	0.00100
30.00	70.00	0.00109	40.00	70.00	0.00125
50.00	70.00	0.00137	60.00	70.00	0.00143
70.00	70.00	0.00145	80.00	70.00	0.00142
90.00	70.00	0.00137	100.00	70.00	0.00129
-100.00	80.00	0.00021	-90.00	80.00	0.00023
-80.00	80.00	0.00026	-70.00	80.00	0.00029
-60.00	80.00	0.00033	-50.00	80.00	0.00038
-40.00	80.00	0.00043	-30.00	80.00	0.00048
-25.00	80.00	0.00050	-20.00	80.00	0.00053
-17.00	80.00	0.00055	-15.00	80.00	0.00057
-13.00	80.00	0.00058	-11.00	80.00	0.00061
-9.00	80.00	0.00063	9.00	80.00	0.00089
11.00	80.00	0.00093	13.00	80.00	0.00098
15.00	80.00	0.00102	17.00	80.00	0.00107
20.00	80.00	0.00114	25.00	80.00	0.00126
30.00	80.00	0.00138	40.00	80.00	0.00157
50.00	80.00	0.00169	60.00	80.00	0.00174
70.00	80.00	0.00171	80.00	80.00	0.00164
90.00	80.00	0.00153	100.00	80.00	0.00141
-100.00	90.00	0.00022	-90.00	90.00	0.00025
-80.00	90.00	0.00028	-70.00	90.00	0.00032
-60.00	90.00	0.00036	-50.00	90.00	0.00042

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-40.00	90.00	0.00048	-30.00	90.00	0.00055
-25.00	90.00	0.00058	-20.00	90.00	0.00061
-17.00	90.00	0.00064	-15.00	90.00	0.00065
-13.00	90.00	0.00068	-11.00	90.00	0.00070
-9.00	90.00	0.00073	9.00	90.00	0.00110
11.00	90.00	0.00116	13.00	90.00	0.00122
15.00	90.00	0.00129	17.00	90.00	0.00136

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

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

09:58:54

**MODELOPTs:
 PAGE 36

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00146	25.00	90.00	0.00163
30.00	90.00	0.00179	40.00	90.00	0.00201
50.00	90.00	0.00211	60.00	90.00	0.00209
70.00	90.00	0.00199	80.00	90.00	0.00185
90.00	90.00	0.00169	100.00	90.00	0.00153
-100.00	100.00	0.00024	-90.00	100.00	0.00027
-80.00	100.00	0.00030	-70.00	100.00	0.00035
-60.00	100.00	0.00040	-50.00	100.00	0.00046
-40.00	100.00	0.00053	-30.00	100.00	0.00062
-25.00	100.00	0.00066	-20.00	100.00	0.00071
-17.00	100.00	0.00074	-15.00	100.00	0.00076
-13.00	100.00	0.00078	-11.00	100.00	0.00081
-9.00	100.00	0.00085	9.00	100.00	0.00140
11.00	100.00	0.00149	13.00	100.00	0.00159
15.00	100.00	0.00170	17.00	100.00	0.00180
20.00	100.00	0.00195	25.00	100.00	0.00219
30.00	100.00	0.00238	40.00	100.00	0.00260
50.00	100.00	0.00260	60.00	100.00	0.00247
70.00	100.00	0.00227	80.00	100.00	0.00204
90.00	100.00	0.00182	100.00	100.00	0.00162
-100.00	110.00	0.00026	-90.00	110.00	0.00030
-80.00	110.00	0.00033	-70.00	110.00	0.00038
-60.00	110.00	0.00044	-50.00	110.00	0.00051
-40.00	110.00	0.00059	-30.00	110.00	0.00069
-25.00	110.00	0.00075	-20.00	110.00	0.00081
-17.00	110.00	0.00085	-15.00	110.00	0.00088
-13.00	110.00	0.00091	-11.00	110.00	0.00095

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-9.00	110.00	0.00099	9.00	110.00	0.00186
11.00	110.00	0.00202	13.00	110.00	0.00219
15.00	110.00	0.00235	17.00	110.00	0.00252
20.00	110.00	0.00274	25.00	110.00	0.00304
30.00	110.00	0.00323	40.00	110.00	0.00331
50.00	110.00	0.00312	60.00	110.00	0.00283
70.00	110.00	0.00251	80.00	110.00	0.00220
90.00	110.00	0.00192	100.00	110.00	0.00167
-100.00	120.00	0.00029	-90.00	120.00	0.00033
-80.00	120.00	0.00037	-70.00	120.00	0.00042
-60.00	120.00	0.00049	-50.00	120.00	0.00057
-40.00	120.00	0.00066	-30.00	120.00	0.00078
-25.00	120.00	0.00084	-20.00	120.00	0.00092

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

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

09:58:54

**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	0.00097	-15.00	120.00	0.00101
-13.00	120.00	0.00106	-11.00	120.00	0.00111
-9.00	120.00	0.00116	9.00	120.00	0.00272
11.00	120.00	0.00301	13.00	120.00	0.00328
15.00	120.00	0.00354	17.00	120.00	0.00376
20.00	120.00	0.00401	25.00	120.00	0.00424
30.00	120.00	0.00427	40.00	120.00	0.00401
50.00	120.00	0.00357	60.00	120.00	0.00310
70.00	120.00	0.00266	80.00	120.00	0.00228
90.00	120.00	0.00195	100.00	120.00	0.00166
-100.00	130.00	0.00033	-90.00	130.00	0.00037
-80.00	130.00	0.00042	-70.00	130.00	0.00048
-60.00	130.00	0.00055	-50.00	130.00	0.00065
-40.00	130.00	0.00076	-30.00	130.00	0.00089
-25.00	130.00	0.00097	-20.00	130.00	0.00106
-17.00	130.00	0.00112	-15.00	130.00	0.00117
-13.00	130.00	0.00122	-11.00	130.00	0.00129
-9.00	130.00	0.00137	9.00	130.00	0.00469
11.00	130.00	0.00501	13.00	130.00	0.00522
15.00	130.00	0.00536	17.00	130.00	0.00544
20.00	130.00	0.00547	25.00	130.00	0.00535

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

30.00	130.00	0.00511	40.00	130.00	0.00448
50.00	130.00	0.00382	60.00	130.00	0.00323
70.00	130.00	0.00271	80.00	130.00	0.00228
90.00	130.00	0.00191	100.00	130.00	0.00161
-100.00	140.00	0.00036	-90.00	140.00	0.00041
-80.00	140.00	0.00047	-70.00	140.00	0.00055
-60.00	140.00	0.00064	-50.00	140.00	0.00075
-40.00	140.00	0.00090	-30.00	140.00	0.00108
-25.00	140.00	0.00118	-20.00	140.00	0.00131
-17.00	140.00	0.00141	-15.00	140.00	0.00148
-13.00	140.00	0.00158	-11.00	140.00	0.00171
-9.00	140.00	0.00188	9.00	140.00	0.00607
11.00	140.00	0.00613	13.00	140.00	0.00618
15.00	140.00	0.00619	17.00	140.00	0.00617
20.00	140.00	0.00608	25.00	140.00	0.00580
30.00	140.00	0.00544	40.00	140.00	0.00465
50.00	140.00	0.00388	60.00	140.00	0.00322
70.00	140.00	0.00266	80.00	140.00	0.00220
90.00	140.00	0.00182	100.00	140.00	0.00152

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

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

09:58:54
 **MODELOPTs:
 PAGE 38

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00040	-90.00	150.00	0.00046
-80.00	150.00	0.00053	-70.00	150.00	0.00062
-60.00	150.00	0.00073	-50.00	150.00	0.00087
-40.00	150.00	0.00106	-30.00	150.00	0.00132
-25.00	150.00	0.00150	-20.00	150.00	0.00171
-17.00	150.00	0.00187	-15.00	150.00	0.00199
-13.00	150.00	0.00213	-11.00	150.00	0.00227
-9.00	150.00	0.00245	9.00	150.00	0.00618
11.00	150.00	0.00625	13.00	150.00	0.00629
15.00	150.00	0.00630	17.00	150.00	0.00627
20.00	150.00	0.00616	25.00	150.00	0.00586
30.00	150.00	0.00546	40.00	150.00	0.00460
50.00	150.00	0.00379	60.00	150.00	0.00309
70.00	150.00	0.00252	80.00	150.00	0.00205
90.00	150.00	0.00168	100.00	150.00	0.00139

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-100.00	160.00	0.00044	-90.00	160.00	0.00050
-80.00	160.00	0.00059	-70.00	160.00	0.00069
-60.00	160.00	0.00083	-50.00	160.00	0.00101
-40.00	160.00	0.00125	-30.00	160.00	0.00160
-25.00	160.00	0.00182	-20.00	160.00	0.00205
-17.00	160.00	0.00220	-15.00	160.00	0.00230
-13.00	160.00	0.00240	-11.00	160.00	0.00251
-9.00	160.00	0.00264	9.00	160.00	0.00617
11.00	160.00	0.00622	13.00	160.00	0.00625
15.00	160.00	0.00625	17.00	160.00	0.00621
20.00	160.00	0.00608	25.00	160.00	0.00575
30.00	160.00	0.00533	40.00	160.00	0.00442
50.00	160.00	0.00358	60.00	160.00	0.00287
70.00	160.00	0.00230	80.00	160.00	0.00185
90.00	160.00	0.00150	100.00	160.00	0.00123
-100.00	170.00	0.00047	-90.00	170.00	0.00055
-80.00	170.00	0.00065	-70.00	170.00	0.00077
-60.00	170.00	0.00093	-50.00	170.00	0.00115
-40.00	170.00	0.00143	-30.00	170.00	0.00179
-25.00	170.00	0.00200	-20.00	170.00	0.00220
-17.00	170.00	0.00232	-15.00	170.00	0.00240
-13.00	170.00	0.00249	-11.00	170.00	0.00257
-9.00	170.00	0.00268	9.00	170.00	0.00607
11.00	170.00	0.00611	13.00	170.00	0.00612
15.00	170.00	0.00610	17.00	170.00	0.00604

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

09:58:54

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00589	25.00	170.00	0.00552
30.00	170.00	0.00507	40.00	170.00	0.00411
50.00	170.00	0.00325	60.00	170.00	0.00255
70.00	170.00	0.00201	80.00	170.00	0.00160
90.00	170.00	0.00129	100.00	170.00	0.00106
-100.00	180.00	0.00050	-90.00	180.00	0.00059
-80.00	180.00	0.00070	-70.00	180.00	0.00085
-60.00	180.00	0.00103	-50.00	180.00	0.00126
-40.00	180.00	0.00155	-30.00	180.00	0.00188

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-25.00	180.00	0.00206	-20.00	180.00	0.00223
-17.00	180.00	0.00233	-15.00	180.00	0.00240
-13.00	180.00	0.00247	-11.00	180.00	0.00255
-9.00	180.00	0.00265	9.00	180.00	0.00589
11.00	180.00	0.00590	13.00	180.00	0.00589
15.00	180.00	0.00584	17.00	180.00	0.00576
20.00	180.00	0.00557	25.00	180.00	0.00515
30.00	180.00	0.00465	40.00	180.00	0.00366
50.00	180.00	0.00281	60.00	180.00	0.00216
70.00	180.00	0.00168	80.00	180.00	0.00133
90.00	180.00	0.00107	100.00	180.00	0.00088
-100.00	190.00	0.00053	-90.00	190.00	0.00063
-80.00	190.00	0.00075	-70.00	190.00	0.00091
-60.00	190.00	0.00110	-50.00	190.00	0.00133
-40.00	190.00	0.00161	-30.00	190.00	0.00190
-25.00	190.00	0.00204	-20.00	190.00	0.00219
-17.00	190.00	0.00228	-15.00	190.00	0.00234
-13.00	190.00	0.00240	-11.00	190.00	0.00247
-9.00	190.00	0.00255	9.00	190.00	0.00559
11.00	190.00	0.00557	13.00	190.00	0.00552
15.00	190.00	0.00543	17.00	190.00	0.00531
20.00	190.00	0.00507	25.00	190.00	0.00457
30.00	190.00	0.00403	40.00	190.00	0.00303
50.00	190.00	0.00226	60.00	190.00	0.00172
70.00	190.00	0.00134	80.00	190.00	0.00106
90.00	190.00	0.00086	100.00	190.00	0.00071
-100.00	200.00	0.00056	-90.00	200.00	0.00066
-80.00	200.00	0.00079	-70.00	200.00	0.00094
-60.00	200.00	0.00113	-50.00	200.00	0.00136
-40.00	200.00	0.00161	-30.00	200.00	0.00186
-25.00	200.00	0.00199	-20.00	200.00	0.00211

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 09:58:54
 MODELOPTs: * Maximum train overlap at North/South Bound Direction ***
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00218	-15.00	200.00	0.00223
-13.00	200.00	0.00228	-11.00	200.00	0.00234
-9.00	200.00	0.00241	9.00	200.00	0.00511

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00501	13.00	200.00	0.00490
15.00	200.00	0.00475	17.00	200.00	0.00457
20.00	200.00	0.00425	25.00	200.00	0.00368
30.00	200.00	0.00312	40.00	200.00	0.00225
50.00	200.00	0.00166	60.00	200.00	0.00127
70.00	200.00	0.00100	80.00	200.00	0.00081
90.00	200.00	0.00066	100.00	200.00	0.00056
-100.00	210.00	0.00058	-90.00	210.00	0.00068
-80.00	210.00	0.00080	-70.00	210.00	0.00095
-60.00	210.00	0.00113	-50.00	210.00	0.00134
-40.00	210.00	0.00156	-30.00	210.00	0.00179
-25.00	210.00	0.00190	-20.00	210.00	0.00200
-17.00	210.00	0.00206	-15.00	210.00	0.00209
-13.00	210.00	0.00213	-11.00	210.00	0.00217
-9.00	210.00	0.00223	9.00	210.00	0.00422
11.00	210.00	0.00399	13.00	210.00	0.00376
15.00	210.00	0.00352	17.00	210.00	0.00327
20.00	210.00	0.00292	25.00	210.00	0.00241
30.00	210.00	0.00201	40.00	210.00	0.00146
50.00	210.00	0.00111	60.00	210.00	0.00088
70.00	210.00	0.00072	80.00	210.00	0.00060
90.00	210.00	0.00051	100.00	210.00	0.00044
-100.00	220.00	0.00058	-90.00	220.00	0.00068
-80.00	220.00	0.00079	-70.00	220.00	0.00093
-60.00	220.00	0.00109	-50.00	220.00	0.00127
-40.00	220.00	0.00147	-30.00	220.00	0.00167
-25.00	220.00	0.00176	-20.00	220.00	0.00185
-17.00	220.00	0.00189	-15.00	220.00	0.00192
-13.00	220.00	0.00194	-11.00	220.00	0.00196
-9.00	220.00	0.00199	9.00	220.00	0.00219
11.00	220.00	0.00194	13.00	220.00	0.00176
15.00	220.00	0.00163	17.00	220.00	0.00152
20.00	220.00	0.00139	25.00	220.00	0.00122
30.00	220.00	0.00108	40.00	220.00	0.00087
50.00	220.00	0.00072	60.00	220.00	0.00061
70.00	220.00	0.00052	80.00	220.00	0.00045
90.00	220.00	0.00039	100.00	220.00	0.00034

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

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

09:58:54

**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 ,

02NCRA_PL92-300_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	0.00102	-50.00	230.00	0.00116
-40.00	230.00	0.00131	-30.00	230.00	0.00146
-25.00	230.00	0.00152	-20.00	230.00	0.00156
-17.00	230.00	0.00157	-15.00	230.00	0.00156
-13.00	230.00	0.00154	-11.00	230.00	0.00150
-9.00	230.00	0.00143	9.00	230.00	0.00073
11.00	230.00	0.00072	13.00	230.00	0.00071
15.00	230.00	0.00071	17.00	230.00	0.00070
20.00	230.00	0.00068	25.00	230.00	0.00065
30.00	230.00	0.00061	40.00	230.00	0.00054
50.00	230.00	0.00048	60.00	230.00	0.00043
70.00	230.00	0.00038	80.00	230.00	0.00034
90.00	230.00	0.00030	100.00	230.00	0.00027
-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	0.00092	-50.00	240.00	0.00103
-40.00	240.00	0.00112	-30.00	240.00	0.00117
-25.00	240.00	0.00116	-20.00	240.00	0.00111
-17.00	240.00	0.00105	-15.00	240.00	0.00100
-13.00	240.00	0.00093	-11.00	240.00	0.00087
-9.00	240.00	0.00080	9.00	240.00	0.00050
11.00	240.00	0.00049	13.00	240.00	0.00048
15.00	240.00	0.00047	17.00	240.00	0.00046
20.00	240.00	0.00045	25.00	240.00	0.00043
30.00	240.00	0.00041	40.00	240.00	0.00038
50.00	240.00	0.00034	60.00	240.00	0.00031
70.00	240.00	0.00029	80.00	240.00	0.00026
90.00	240.00	0.00024	100.00	240.00	0.00022
-100.00	250.00	0.00053	-90.00	250.00	0.00059
-80.00	250.00	0.00066	-70.00	250.00	0.00074
-60.00	250.00	0.00081	-50.00	250.00	0.00086
-40.00	250.00	0.00089	-30.00	250.00	0.00084
-25.00	250.00	0.00079	-20.00	250.00	0.00071
-17.00	250.00	0.00065	-15.00	250.00	0.00062
-13.00	250.00	0.00058	-11.00	250.00	0.00055
-9.00	250.00	0.00052	9.00	250.00	0.00037
11.00	250.00	0.00037	13.00	250.00	0.00037
15.00	250.00	0.00036	17.00	250.00	0.00035

04/20/08

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

09:58:54

**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	0.00031	40.00	250.00	0.00028
50.00	250.00	0.00026	60.00	250.00	0.00024
70.00	250.00	0.00023	80.00	250.00	0.00021
90.00	250.00	0.00019	100.00	250.00	0.00018

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

*** NCRA Cumulative DPM Impacts

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

09:58:54

**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	0.00005	-90.00	-250.00	0.00005
-80.00	-250.00	0.00006	-70.00	-250.00	0.00006
-60.00	-250.00	0.00006	-50.00	-250.00	0.00006
-40.00	-250.00	0.00007	-30.00	-250.00	0.00007
-25.00	-250.00	0.00007	-20.00	-250.00	0.00007
-17.00	-250.00	0.00007	-15.00	-250.00	0.00007
-13.00	-250.00	0.00008	-11.00	-250.00	0.00008
-9.00	-250.00	0.00008	9.00	-250.00	0.00008
11.00	-250.00	0.00008	13.00	-250.00	0.00008
15.00	-250.00	0.00009	17.00	-250.00	0.00009
20.00	-250.00	0.00009	25.00	-250.00	0.00009
30.00	-250.00	0.00009	40.00	-250.00	0.00010
50.00	-250.00	0.00010	60.00	-250.00	0.00011
70.00	-250.00	0.00011	80.00	-250.00	0.00012
90.00	-250.00	0.00012	100.00	-250.00	0.00013
-100.00	-240.00	0.00006	-90.00	-240.00	0.00006
-80.00	-240.00	0.00006	-70.00	-240.00	0.00006
-60.00	-240.00	0.00006	-50.00	-240.00	0.00007
-40.00	-240.00	0.00007	-30.00	-240.00	0.00007
-25.00	-240.00	0.00007	-20.00	-240.00	0.00008

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

09:58:54
 **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	0.00010	25.00	-230.00	0.00010
30.00	-230.00	0.00010	40.00	-230.00	0.00011
50.00	-230.00	0.00011	60.00	-230.00	0.00012
70.00	-230.00	0.00013	80.00	-230.00	0.00013
90.00	-230.00	0.00014	100.00	-230.00	0.00015
-100.00	-220.00	0.00006	-90.00	-220.00	0.00006
-80.00	-220.00	0.00007	-70.00	-220.00	0.00007
-60.00	-220.00	0.00007	-50.00	-220.00	0.00007
-40.00	-220.00	0.00008	-30.00	-220.00	0.00008
-25.00	-220.00	0.00008	-20.00	-220.00	0.00009
-17.00	-220.00	0.00009	-15.00	-220.00	0.00009
-13.00	-220.00	0.00009	-11.00	-220.00	0.00009
-9.00	-220.00	0.00009	9.00	-220.00	0.00010
11.00	-220.00	0.00010	13.00	-220.00	0.00010

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

04/20/08

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

09:58:54

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00010	-15.00	-200.00	0.00010
-13.00	-200.00	0.00010	-11.00	-200.00	0.00010
-9.00	-200.00	0.00010	9.00	-200.00	0.00011
11.00	-200.00	0.00011	13.00	-200.00	0.00011
15.00	-200.00	0.00012	17.00	-200.00	0.00012
20.00	-200.00	0.00012	25.00	-200.00	0.00012
30.00	-200.00	0.00013	40.00	-200.00	0.00013
50.00	-200.00	0.00014	60.00	-200.00	0.00015

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

70.00	-200.00	0.00016	80.00	-200.00	0.00017
90.00	-200.00	0.00018	100.00	-200.00	0.00019
-100.00	-190.00	0.00007	-90.00	-190.00	0.00007
-80.00	-190.00	0.00008	-70.00	-190.00	0.00008
-60.00	-190.00	0.00008	-50.00	-190.00	0.00009
-40.00	-190.00	0.00009	-30.00	-190.00	0.00010
-25.00	-190.00	0.00010	-20.00	-190.00	0.00010
-17.00	-190.00	0.00010	-15.00	-190.00	0.00011
-13.00	-190.00	0.00011	-11.00	-190.00	0.00011
-9.00	-190.00	0.00011	9.00	-190.00	0.00012
11.00	-190.00	0.00012	13.00	-190.00	0.00012
15.00	-190.00	0.00012	17.00	-190.00	0.00013
20.00	-190.00	0.00013	25.00	-190.00	0.00013
30.00	-190.00	0.00014	40.00	-190.00	0.00014
50.00	-190.00	0.00015	60.00	-190.00	0.00016
70.00	-190.00	0.00017	80.00	-190.00	0.00018
90.00	-190.00	0.00019	100.00	-190.00	0.00020
-100.00	-180.00	0.00008	-90.00	-180.00	0.00008
-80.00	-180.00	0.00008	-70.00	-180.00	0.00008
-60.00	-180.00	0.00009	-50.00	-180.00	0.00009
-40.00	-180.00	0.00010	-30.00	-180.00	0.00010
-25.00	-180.00	0.00011	-20.00	-180.00	0.00011
-17.00	-180.00	0.00011	-15.00	-180.00	0.00011
-13.00	-180.00	0.00011	-11.00	-180.00	0.00011
-9.00	-180.00	0.00012	9.00	-180.00	0.00013
11.00	-180.00	0.00013	13.00	-180.00	0.00013
15.00	-180.00	0.00013	17.00	-180.00	0.00013
20.00	-180.00	0.00014	25.00	-180.00	0.00014
30.00	-180.00	0.00015	40.00	-180.00	0.00016
50.00	-180.00	0.00017	60.00	-180.00	0.00018
70.00	-180.00	0.00019	80.00	-180.00	0.00020
90.00	-180.00	0.00021	100.00	-180.00	0.00022

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

09:58:54
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00008	-90.00	-170.00	0.00008
-80.00	-170.00	0.00009	-70.00	-170.00	0.00009

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-60.00	-170.00	0.00009	-50.00	-170.00	0.00010
-40.00	-170.00	0.00010	-30.00	-170.00	0.00011
-25.00	-170.00	0.00011	-20.00	-170.00	0.00012
-17.00	-170.00	0.00012	-15.00	-170.00	0.00012
-13.00	-170.00	0.00012	-11.00	-170.00	0.00012
-9.00	-170.00	0.00012	9.00	-170.00	0.00014
11.00	-170.00	0.00014	13.00	-170.00	0.00014
15.00	-170.00	0.00014	17.00	-170.00	0.00015
20.00	-170.00	0.00015	25.00	-170.00	0.00015
30.00	-170.00	0.00016	40.00	-170.00	0.00017
50.00	-170.00	0.00018	60.00	-170.00	0.00019
70.00	-170.00	0.00021	80.00	-170.00	0.00022
90.00	-170.00	0.00023	100.00	-170.00	0.00024
-100.00	-160.00	0.00009	-90.00	-160.00	0.00009
-80.00	-160.00	0.00009	-70.00	-160.00	0.00009
-60.00	-160.00	0.00010	-50.00	-160.00	0.00010
-40.00	-160.00	0.00011	-30.00	-160.00	0.00012
-25.00	-160.00	0.00012	-20.00	-160.00	0.00012
-17.00	-160.00	0.00013	-15.00	-160.00	0.00013
-13.00	-160.00	0.00013	-11.00	-160.00	0.00013
-9.00	-160.00	0.00013	9.00	-160.00	0.00015
11.00	-160.00	0.00015	13.00	-160.00	0.00015
15.00	-160.00	0.00015	17.00	-160.00	0.00016
20.00	-160.00	0.00016	25.00	-160.00	0.00016
30.00	-160.00	0.00017	40.00	-160.00	0.00018
50.00	-160.00	0.00020	60.00	-160.00	0.00021
70.00	-160.00	0.00022	80.00	-160.00	0.00024
90.00	-160.00	0.00025	100.00	-160.00	0.00027
-100.00	-150.00	0.00009	-90.00	-150.00	0.00010
-80.00	-150.00	0.00010	-70.00	-150.00	0.00010
-60.00	-150.00	0.00010	-50.00	-150.00	0.00011
-40.00	-150.00	0.00012	-30.00	-150.00	0.00012
-25.00	-150.00	0.00013	-20.00	-150.00	0.00013
-17.00	-150.00	0.00014	-15.00	-150.00	0.00014
-13.00	-150.00	0.00014	-11.00	-150.00	0.00014
-9.00	-150.00	0.00014	9.00	-150.00	0.00016
11.00	-150.00	0.00016	13.00	-150.00	0.00017
15.00	-150.00	0.00017	17.00	-150.00	0.00017

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

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

09:58:54
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

02NCRA PL92-300_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	0.00017	25.00	-150.00	0.00018	
30.00	-150.00	0.00019	40.00	-150.00	0.00020	
50.00	-150.00	0.00022	60.00	-150.00	0.00023	
70.00	-150.00	0.00025	80.00	-150.00	0.00026	
90.00	-150.00	0.00028	100.00	-150.00	0.00029	
-100.00	-140.00	0.00010	-90.00	-140.00	0.00010	
-80.00	-140.00	0.00011	-70.00	-140.00	0.00011	
-60.00	-140.00	0.00011	-50.00	-140.00	0.00012	
-40.00	-140.00	0.00012	-30.00	-140.00	0.00013	
-25.00	-140.00	0.00014	-20.00	-140.00	0.00014	
-17.00	-140.00	0.00015	-15.00	-140.00	0.00015	
-13.00	-140.00	0.00015	-11.00	-140.00	0.00015	
-9.00	-140.00	0.00015	9.00	-140.00	0.00018	
11.00	-140.00	0.00018	13.00	-140.00	0.00018	
15.00	-140.00	0.00018	17.00	-140.00	0.00018	
20.00	-140.00	0.00019	25.00	-140.00	0.00020	
30.00	-140.00	0.00020	40.00	-140.00	0.00022	
50.00	-140.00	0.00024	60.00	-140.00	0.00026	
70.00	-140.00	0.00027	80.00	-140.00	0.00029	
90.00	-140.00	0.00031	100.00	-140.00	0.00032	
-100.00	-130.00	0.00010	-90.00	-130.00	0.00011	
-80.00	-130.00	0.00011	-70.00	-130.00	0.00012	
-60.00	-130.00	0.00012	-50.00	-130.00	0.00013	
-40.00	-130.00	0.00013	-30.00	-130.00	0.00014	
-25.00	-130.00	0.00015	-20.00	-130.00	0.00015	
-17.00	-130.00	0.00016	-15.00	-130.00	0.00016	
-13.00	-130.00	0.00016	-11.00	-130.00	0.00017	
-9.00	-130.00	0.00017	9.00	-130.00	0.00019	
11.00	-130.00	0.00019	13.00	-130.00	0.00020	
15.00	-130.00	0.00020	17.00	-130.00	0.00020	
20.00	-130.00	0.00021	25.00	-130.00	0.00021	
30.00	-130.00	0.00022	40.00	-130.00	0.00024	
50.00	-130.00	0.00026	60.00	-130.00	0.00028	
70.00	-130.00	0.00030	80.00	-130.00	0.00032	
90.00	-130.00	0.00034	100.00	-130.00	0.00036	
-100.00	-120.00	0.00011	-90.00	-120.00	0.00012	
-80.00	-120.00	0.00012	-70.00	-120.00	0.00013	
-60.00	-120.00	0.00013	-50.00	-120.00	0.00014	
-40.00	-120.00	0.00014	-30.00	-120.00	0.00015	
-25.00	-120.00	0.00016	-20.00	-120.00	0.00017	

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

*** NCRA Cumulative DPM Impacts

09:58:54

**MODELOPTs:

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

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00017	-15.00	-120.00	0.00017
-13.00	-120.00	0.00018	-11.00	-120.00	0.00018
-9.00	-120.00	0.00018	9.00	-120.00	0.00021
11.00	-120.00	0.00021	13.00	-120.00	0.00021
15.00	-120.00	0.00022	17.00	-120.00	0.00022
20.00	-120.00	0.00023	25.00	-120.00	0.00024
30.00	-120.00	0.00025	40.00	-120.00	0.00027
50.00	-120.00	0.00029	60.00	-120.00	0.00032
70.00	-120.00	0.00034	80.00	-120.00	0.00036
90.00	-120.00	0.00038	100.00	-120.00	0.00040
-100.00	-110.00	0.00012	-90.00	-110.00	0.00012
-80.00	-110.00	0.00013	-70.00	-110.00	0.00014
-60.00	-110.00	0.00014	-50.00	-110.00	0.00015
-40.00	-110.00	0.00016	-30.00	-110.00	0.00017
-25.00	-110.00	0.00017	-20.00	-110.00	0.00018
-17.00	-110.00	0.00019	-15.00	-110.00	0.00019
-13.00	-110.00	0.00019	-11.00	-110.00	0.00020
-9.00	-110.00	0.00020	9.00	-110.00	0.00023
11.00	-110.00	0.00023	13.00	-110.00	0.00024
15.00	-110.00	0.00024	17.00	-110.00	0.00024
20.00	-110.00	0.00025	25.00	-110.00	0.00026
30.00	-110.00	0.00027	40.00	-110.00	0.00030
50.00	-110.00	0.00033	60.00	-110.00	0.00036
70.00	-110.00	0.00038	80.00	-110.00	0.00041
90.00	-110.00	0.00043	100.00	-110.00	0.00044
-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	0.00015	-50.00	-100.00	0.00016
-40.00	-100.00	0.00017	-30.00	-100.00	0.00018
-25.00	-100.00	0.00019	-20.00	-100.00	0.00020
-17.00	-100.00	0.00020	-15.00	-100.00	0.00021
-13.00	-100.00	0.00021	-11.00	-100.00	0.00021
-9.00	-100.00	0.00022	9.00	-100.00	0.00025
11.00	-100.00	0.00026	13.00	-100.00	0.00026

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

15.00	-100.00	0.00027	17.00	-100.00	0.00027
20.00	-100.00	0.00028	25.00	-100.00	0.00029
30.00	-100.00	0.00031	40.00	-100.00	0.00034
50.00	-100.00	0.00037	60.00	-100.00	0.00040
70.00	-100.00	0.00043	80.00	-100.00	0.00046
90.00	-100.00	0.00048	100.00	-100.00	0.00050

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

04/20/08

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

09:58:54

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00013	-90.00	-90.00	0.00014
-80.00	-90.00	0.00015	-70.00	-90.00	0.00016
-60.00	-90.00	0.00017	-50.00	-90.00	0.00017
-40.00	-90.00	0.00018	-30.00	-90.00	0.00020
-25.00	-90.00	0.00021	-20.00	-90.00	0.00021
-17.00	-90.00	0.00022	-15.00	-90.00	0.00023
-13.00	-90.00	0.00023	-11.00	-90.00	0.00023
-9.00	-90.00	0.00024	9.00	-90.00	0.00028
11.00	-90.00	0.00029	13.00	-90.00	0.00029
15.00	-90.00	0.00030	17.00	-90.00	0.00030
20.00	-90.00	0.00031	25.00	-90.00	0.00033
30.00	-90.00	0.00034	40.00	-90.00	0.00038
50.00	-90.00	0.00042	60.00	-90.00	0.00046
70.00	-90.00	0.00049	80.00	-90.00	0.00052
90.00	-90.00	0.00054	100.00	-90.00	0.00056
-100.00	-80.00	0.00014	-90.00	-80.00	0.00015
-80.00	-80.00	0.00016	-70.00	-80.00	0.00017
-60.00	-80.00	0.00018	-50.00	-80.00	0.00019
-40.00	-80.00	0.00020	-30.00	-80.00	0.00022
-25.00	-80.00	0.00022	-20.00	-80.00	0.00024
-17.00	-80.00	0.00024	-15.00	-80.00	0.00025
-13.00	-80.00	0.00025	-11.00	-80.00	0.00026
-9.00	-80.00	0.00026	9.00	-80.00	0.00031
11.00	-80.00	0.00032	13.00	-80.00	0.00033
15.00	-80.00	0.00033	17.00	-80.00	0.00034
20.00	-80.00	0.00035	25.00	-80.00	0.00037
30.00	-80.00	0.00039	40.00	-80.00	0.00044
50.00	-80.00	0.00048	60.00	-80.00	0.00053

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

70.00	-80.00	0.00056	80.00	-80.00	0.00059
90.00	-80.00	0.00061	100.00	-80.00	0.00063
-100.00	-70.00	0.00015	-90.00	-70.00	0.00016
-80.00	-70.00	0.00017	-70.00	-70.00	0.00019
-60.00	-70.00	0.00020	-50.00	-70.00	0.00021
-40.00	-70.00	0.00022	-30.00	-70.00	0.00024
-25.00	-70.00	0.00025	-20.00	-70.00	0.00026
-17.00	-70.00	0.00027	-15.00	-70.00	0.00027
-13.00	-70.00	0.00028	-11.00	-70.00	0.00029
-9.00	-70.00	0.00029	9.00	-70.00	0.00035
11.00	-70.00	0.00036	13.00	-70.00	0.00037
15.00	-70.00	0.00038	17.00	-70.00	0.00039

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00040	25.00	-70.00	0.00042
30.00	-70.00	0.00045	40.00	-70.00	0.00050
50.00	-70.00	0.00056	60.00	-70.00	0.00061
70.00	-70.00	0.00065	80.00	-70.00	0.00068
90.00	-70.00	0.00070	100.00	-70.00	0.00071
-100.00	-60.00	0.00015	-90.00	-60.00	0.00017
-80.00	-60.00	0.00019	-70.00	-60.00	0.00020
-60.00	-60.00	0.00022	-50.00	-60.00	0.00023
-40.00	-60.00	0.00024	-30.00	-60.00	0.00026
-25.00	-60.00	0.00027	-20.00	-60.00	0.00029
-17.00	-60.00	0.00030	-15.00	-60.00	0.00031
-13.00	-60.00	0.00031	-11.00	-60.00	0.00032
-9.00	-60.00	0.00033	9.00	-60.00	0.00040
11.00	-60.00	0.00041	13.00	-60.00	0.00042
15.00	-60.00	0.00043	17.00	-60.00	0.00044
20.00	-60.00	0.00046	25.00	-60.00	0.00049
30.00	-60.00	0.00052	40.00	-60.00	0.00059
50.00	-60.00	0.00065	60.00	-60.00	0.00071
70.00	-60.00	0.00075	80.00	-60.00	0.00078
90.00	-60.00	0.00080	100.00	-60.00	0.00080
-100.00	-50.00	0.00016	-90.00	-50.00	0.00018
-80.00	-50.00	0.00020	-70.00	-50.00	0.00022

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-60.00	-50.00	0.00024	-50.00	-50.00	0.00026
-40.00	-50.00	0.00027	-30.00	-50.00	0.00029
-25.00	-50.00	0.00030	-20.00	-50.00	0.00032
-17.00	-50.00	0.00033	-15.00	-50.00	0.00034
-13.00	-50.00	0.00035	-11.00	-50.00	0.00036
-9.00	-50.00	0.00037	9.00	-50.00	0.00046
11.00	-50.00	0.00047	13.00	-50.00	0.00048
15.00	-50.00	0.00050	17.00	-50.00	0.00051
20.00	-50.00	0.00053	25.00	-50.00	0.00057
30.00	-50.00	0.00061	40.00	-50.00	0.00069
50.00	-50.00	0.00077	60.00	-50.00	0.00084
70.00	-50.00	0.00088	80.00	-50.00	0.00091
90.00	-50.00	0.00091	100.00	-50.00	0.00091
-100.00	-40.00	0.00017	-90.00	-40.00	0.00019
-80.00	-40.00	0.00021	-70.00	-40.00	0.00024
-60.00	-40.00	0.00026	-50.00	-40.00	0.00029
-40.00	-40.00	0.00031	-30.00	-40.00	0.00033
-25.00	-40.00	0.00034	-20.00	-40.00	0.00036

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

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

09:58:54

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00037	-15.00	-40.00	0.00038
-13.00	-40.00	0.00039	-11.00	-40.00	0.00041
-9.00	-40.00	0.00042	9.00	-40.00	0.00053
11.00	-40.00	0.00055	13.00	-40.00	0.00056
15.00	-40.00	0.00058	17.00	-40.00	0.00060
20.00	-40.00	0.00063	25.00	-40.00	0.00068
30.00	-40.00	0.00073	40.00	-40.00	0.00083
50.00	-40.00	0.00092	60.00	-40.00	0.00099
70.00	-40.00	0.00103	80.00	-40.00	0.00105
90.00	-40.00	0.00105	100.00	-40.00	0.00103
-100.00	-30.00	0.00018	-90.00	-30.00	0.00020
-80.00	-30.00	0.00023	-70.00	-30.00	0.00025
-60.00	-30.00	0.00029	-50.00	-30.00	0.00032
-40.00	-30.00	0.00034	-30.00	-30.00	0.00037
-25.00	-30.00	0.00039	-20.00	-30.00	0.00041
-17.00	-30.00	0.00042	-15.00	-30.00	0.00043

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-13.00	-30.00	0.00045	-11.00	-30.00	0.00046
-9.00	-30.00	0.00047	9.00	-30.00	0.00062
11.00	-30.00	0.00064	13.00	-30.00	0.00067
15.00	-30.00	0.00069	17.00	-30.00	0.00071
20.00	-30.00	0.00075	25.00	-30.00	0.00081
30.00	-30.00	0.00088	40.00	-30.00	0.00101
50.00	-30.00	0.00112	60.00	-30.00	0.00119
70.00	-30.00	0.00122	80.00	-30.00	0.00123
90.00	-30.00	0.00120	100.00	-30.00	0.00116
-100.00	-20.00	0.00019	-90.00	-20.00	0.00021
-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	0.00039	-30.00	-20.00	0.00042
-25.00	-20.00	0.00044	-20.00	-20.00	0.00046
-17.00	-20.00	0.00048	-15.00	-20.00	0.00049
-13.00	-20.00	0.00051	-11.00	-20.00	0.00053
-9.00	-20.00	0.00054	9.00	-20.00	0.00074
11.00	-20.00	0.00077	13.00	-20.00	0.00080
15.00	-20.00	0.00083	17.00	-20.00	0.00086
20.00	-20.00	0.00091	25.00	-20.00	0.00100
30.00	-20.00	0.00109	40.00	-20.00	0.00125
50.00	-20.00	0.00137	60.00	-20.00	0.00143
70.00	-20.00	0.00145	80.00	-20.00	0.00142
90.00	-20.00	0.00137	100.00	-20.00	0.00129

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

09:58:54
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00021	-90.00	-10.00	0.00023
-80.00	-10.00	0.00026	-70.00	-10.00	0.00029
-60.00	-10.00	0.00033	-50.00	-10.00	0.00038
-40.00	-10.00	0.00043	-30.00	-10.00	0.00048
-25.00	-10.00	0.00050	-20.00	-10.00	0.00053
-17.00	-10.00	0.00055	-15.00	-10.00	0.00057
-13.00	-10.00	0.00058	-11.00	-10.00	0.00061
-9.00	-10.00	0.00063	9.00	-10.00	0.00089
11.00	-10.00	0.00093	13.00	-10.00	0.00098
15.00	-10.00	0.00102	17.00	-10.00	0.00107

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00114	25.00	-10.00	0.00126
30.00	-10.00	0.00138	40.00	-10.00	0.00157
50.00	-10.00	0.00169	60.00	-10.00	0.00174
70.00	-10.00	0.00171	80.00	-10.00	0.00164
90.00	-10.00	0.00153	100.00	-10.00	0.00141
-100.00	0.00	0.00022	-90.00	0.00	0.00025
-80.00	0.00	0.00028	-70.00	0.00	0.00032
-60.00	0.00	0.00036	-50.00	0.00	0.00042
-40.00	0.00	0.00048	-30.00	0.00	0.00055
-25.00	0.00	0.00058	-20.00	0.00	0.00061
-17.00	0.00	0.00064	-15.00	0.00	0.00065
-13.00	0.00	0.00068	-11.00	0.00	0.00070
-9.00	0.00	0.00073	9.00	0.00	0.00110
11.00	0.00	0.00116	13.00	0.00	0.00122
15.00	0.00	0.00129	17.00	0.00	0.00136
20.00	0.00	0.00146	25.00	0.00	0.00163
30.00	0.00	0.00179	40.00	0.00	0.00201
50.00	0.00	0.00211	60.00	0.00	0.00209
70.00	0.00	0.00199	80.00	0.00	0.00185
90.00	0.00	0.00169	100.00	0.00	0.00153
-100.00	10.00	0.00024	-90.00	10.00	0.00027
-80.00	10.00	0.00030	-70.00	10.00	0.00035
-60.00	10.00	0.00040	-50.00	10.00	0.00046
-40.00	10.00	0.00053	-30.00	10.00	0.00062
-25.00	10.00	0.00066	-20.00	10.00	0.00071
-17.00	10.00	0.00074	-15.00	10.00	0.00076
-13.00	10.00	0.00078	-11.00	10.00	0.00081
-9.00	10.00	0.00085	9.00	10.00	0.00140
11.00	10.00	0.00149	13.00	10.00	0.00159
15.00	10.00	0.00170	17.00	10.00	0.00180

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

09:58:54
 **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	0.00195	25.00	10.00	0.00219
30.00	10.00	0.00238	40.00	10.00	0.00260
50.00	10.00	0.00260	60.00	10.00	0.00247
70.00	10.00	0.00227	80.00	10.00	0.00204

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

90.00	10.00	0.00182	100.00	10.00	0.00162
-100.00	20.00	0.00026	-90.00	20.00	0.00030
-80.00	20.00	0.00033	-70.00	20.00	0.00038
-60.00	20.00	0.00044	-50.00	20.00	0.00051
-40.00	20.00	0.00059	-30.00	20.00	0.00069
-25.00	20.00	0.00075	-20.00	20.00	0.00081
-17.00	20.00	0.00085	-15.00	20.00	0.00088
-13.00	20.00	0.00091	-11.00	20.00	0.00095
-9.00	20.00	0.00099	9.00	20.00	0.00186
11.00	20.00	0.00202	13.00	20.00	0.00219
15.00	20.00	0.00235	17.00	20.00	0.00252
20.00	20.00	0.00274	25.00	20.00	0.00304
30.00	20.00	0.00323	40.00	20.00	0.00331
50.00	20.00	0.00312	60.00	20.00	0.00283
70.00	20.00	0.00251	80.00	20.00	0.00220
90.00	20.00	0.00192	100.00	20.00	0.00167
-100.00	30.00	0.00029	-90.00	30.00	0.00033
-80.00	30.00	0.00037	-70.00	30.00	0.00042
-60.00	30.00	0.00049	-50.00	30.00	0.00057
-40.00	30.00	0.00066	-30.00	30.00	0.00078
-25.00	30.00	0.00084	-20.00	30.00	0.00092
-17.00	30.00	0.00097	-15.00	30.00	0.00101
-13.00	30.00	0.00106	-11.00	30.00	0.00111
-9.00	30.00	0.00116	9.00	30.00	0.00272
11.00	30.00	0.00301	13.00	30.00	0.00328
15.00	30.00	0.00354	17.00	30.00	0.00376
20.00	30.00	0.00401	25.00	30.00	0.00424
30.00	30.00	0.00427	40.00	30.00	0.00401
50.00	30.00	0.00357	60.00	30.00	0.00310
70.00	30.00	0.00266	80.00	30.00	0.00228
90.00	30.00	0.00195	100.00	30.00	0.00166
-100.00	40.00	0.00033	-90.00	40.00	0.00037
-80.00	40.00	0.00042	-70.00	40.00	0.00048
-60.00	40.00	0.00055	-50.00	40.00	0.00065
-40.00	40.00	0.00076	-30.00	40.00	0.00089
-25.00	40.00	0.00097	-20.00	40.00	0.00106

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

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

09:58:54

**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 ***

02NCRA PL92-300 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	0.00112	-15.00	40.00	0.00117
-13.00	40.00	0.00122	-11.00	40.00	0.00129
-9.00	40.00	0.00137	9.00	40.00	0.00469
11.00	40.00	0.00501	13.00	40.00	0.00522
15.00	40.00	0.00536	17.00	40.00	0.00544
20.00	40.00	0.00547	25.00	40.00	0.00535
30.00	40.00	0.00511	40.00	40.00	0.00448
50.00	40.00	0.00382	60.00	40.00	0.00323
70.00	40.00	0.00271	80.00	40.00	0.00228
90.00	40.00	0.00191	100.00	40.00	0.00161
-100.00	50.00	0.00036	-90.00	50.00	0.00041
-80.00	50.00	0.00047	-70.00	50.00	0.00055
-60.00	50.00	0.00064	-50.00	50.00	0.00075
-40.00	50.00	0.00090	-30.00	50.00	0.00108
-25.00	50.00	0.00118	-20.00	50.00	0.00131
-17.00	50.00	0.00141	-15.00	50.00	0.00148
-13.00	50.00	0.00158	-11.00	50.00	0.00171
-9.00	50.00	0.00188	9.00	50.00	0.00607
11.00	50.00	0.00613	13.00	50.00	0.00618
15.00	50.00	0.00619	17.00	50.00	0.00617
20.00	50.00	0.00608	25.00	50.00	0.00580
30.00	50.00	0.00544	40.00	50.00	0.00465
50.00	50.00	0.00388	60.00	50.00	0.00322
70.00	50.00	0.00266	80.00	50.00	0.00220
90.00	50.00	0.00182	100.00	50.00	0.00152
-100.00	60.00	0.00040	-90.00	60.00	0.00046
-80.00	60.00	0.00053	-70.00	60.00	0.00062
-60.00	60.00	0.00073	-50.00	60.00	0.00087
-40.00	60.00	0.00106	-30.00	60.00	0.00132
-25.00	60.00	0.00150	-20.00	60.00	0.00171
-17.00	60.00	0.00187	-15.00	60.00	0.00199
-13.00	60.00	0.00213	-11.00	60.00	0.00227
-9.00	60.00	0.00245	9.00	60.00	0.00618
11.00	60.00	0.00625	13.00	60.00	0.00629
15.00	60.00	0.00630	17.00	60.00	0.00627
20.00	60.00	0.00616	25.00	60.00	0.00586
30.00	60.00	0.00546	40.00	60.00	0.00460
50.00	60.00	0.00379	60.00	60.00	0.00309
70.00	60.00	0.00252	80.00	60.00	0.00205
90.00	60.00	0.00168	100.00	60.00	0.00139

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

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** 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	0.00050
-80.00	70.00	0.00059	-70.00	70.00	0.00069
-60.00	70.00	0.00083	-50.00	70.00	0.00101
-40.00	70.00	0.00125	-30.00	70.00	0.00160
-25.00	70.00	0.00182	-20.00	70.00	0.00205
-17.00	70.00	0.00220	-15.00	70.00	0.00230
-13.00	70.00	0.00240	-11.00	70.00	0.00251
-9.00	70.00	0.00264	9.00	70.00	0.00617
11.00	70.00	0.00622	13.00	70.00	0.00625
15.00	70.00	0.00625	17.00	70.00	0.00621
20.00	70.00	0.00608	25.00	70.00	0.00575
30.00	70.00	0.00533	40.00	70.00	0.00442
50.00	70.00	0.00358	60.00	70.00	0.00287
70.00	70.00	0.00230	80.00	70.00	0.00185
90.00	70.00	0.00150	100.00	70.00	0.00123
-100.00	80.00	0.00047	-90.00	80.00	0.00055
-80.00	80.00	0.00065	-70.00	80.00	0.00077
-60.00	80.00	0.00093	-50.00	80.00	0.00115
-40.00	80.00	0.00143	-30.00	80.00	0.00179
-25.00	80.00	0.00200	-20.00	80.00	0.00220
-17.00	80.00	0.00232	-15.00	80.00	0.00240
-13.00	80.00	0.00249	-11.00	80.00	0.00257
-9.00	80.00	0.00268	9.00	80.00	0.00607
11.00	80.00	0.00611	13.00	80.00	0.00612
15.00	80.00	0.00610	17.00	80.00	0.00604
20.00	80.00	0.00589	25.00	80.00	0.00552
30.00	80.00	0.00507	40.00	80.00	0.00411
50.00	80.00	0.00325	60.00	80.00	0.00255
70.00	80.00	0.00201	80.00	80.00	0.00160
90.00	80.00	0.00129	100.00	80.00	0.00106
-100.00	90.00	0.00050	-90.00	90.00	0.00059
-80.00	90.00	0.00070	-70.00	90.00	0.00085
-60.00	90.00	0.00103	-50.00	90.00	0.00126
-40.00	90.00	0.00155	-30.00	90.00	0.00188
-25.00	90.00	0.00206	-20.00	90.00	0.00223
-17.00	90.00	0.00233	-15.00	90.00	0.00240

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-13.00	90.00	0.00247	-11.00	90.00	0.00255
-9.00	90.00	0.00265	9.00	90.00	0.00589
11.00	90.00	0.00590	13.00	90.00	0.00589
15.00	90.00	0.00584	17.00	90.00	0.00576

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00557	25.00	90.00	0.00515
30.00	90.00	0.00465	40.00	90.00	0.00366
50.00	90.00	0.00281	60.00	90.00	0.00216
70.00	90.00	0.00168	80.00	90.00	0.00133
90.00	90.00	0.00107	100.00	90.00	0.00088
-100.00	100.00	0.00053	-90.00	100.00	0.00063
-80.00	100.00	0.00075	-70.00	100.00	0.00091
-60.00	100.00	0.00110	-50.00	100.00	0.00133
-40.00	100.00	0.00161	-30.00	100.00	0.00190
-25.00	100.00	0.00204	-20.00	100.00	0.00219
-17.00	100.00	0.00228	-15.00	100.00	0.00234
-13.00	100.00	0.00240	-11.00	100.00	0.00247
-9.00	100.00	0.00255	9.00	100.00	0.00559
11.00	100.00	0.00557	13.00	100.00	0.00552
15.00	100.00	0.00543	17.00	100.00	0.00531
20.00	100.00	0.00507	25.00	100.00	0.00457
30.00	100.00	0.00403	40.00	100.00	0.00303
50.00	100.00	0.00226	60.00	100.00	0.00172
70.00	100.00	0.00134	80.00	100.00	0.00106
90.00	100.00	0.00086	100.00	100.00	0.00071
-100.00	110.00	0.00056	-90.00	110.00	0.00066
-80.00	110.00	0.00079	-70.00	110.00	0.00094
-60.00	110.00	0.00113	-50.00	110.00	0.00136
-40.00	110.00	0.00161	-30.00	110.00	0.00186
-25.00	110.00	0.00199	-20.00	110.00	0.00211
-17.00	110.00	0.00218	-15.00	110.00	0.00223
-13.00	110.00	0.00228	-11.00	110.00	0.00234
-9.00	110.00	0.00241	9.00	110.00	0.00511
11.00	110.00	0.00501	13.00	110.00	0.00490
15.00	110.00	0.00475	17.00	110.00	0.00457

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

20.00	110.00	0.00425	25.00	110.00	0.00368
30.00	110.00	0.00312	40.00	110.00	0.00225
50.00	110.00	0.00166	60.00	110.00	0.00127
70.00	110.00	0.00100	80.00	110.00	0.00081
90.00	110.00	0.00066	100.00	110.00	0.00056
-100.00	120.00	0.00058	-90.00	120.00	0.00068
-80.00	120.00	0.00080	-70.00	120.00	0.00095
-60.00	120.00	0.00113	-50.00	120.00	0.00134
-40.00	120.00	0.00156	-30.00	120.00	0.00179
-25.00	120.00	0.00190	-20.00	120.00	0.00200

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

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

09:58:54

**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	0.00206	-15.00	120.00	0.00209
-13.00	120.00	0.00213	-11.00	120.00	0.00217
-9.00	120.00	0.00223	9.00	120.00	0.00422
11.00	120.00	0.00399	13.00	120.00	0.00376
15.00	120.00	0.00352	17.00	120.00	0.00327
20.00	120.00	0.00292	25.00	120.00	0.00241
30.00	120.00	0.00201	40.00	120.00	0.00146
50.00	120.00	0.00111	60.00	120.00	0.00088
70.00	120.00	0.00072	80.00	120.00	0.00060
90.00	120.00	0.00051	100.00	120.00	0.00044
-100.00	130.00	0.00058	-90.00	130.00	0.00068
-80.00	130.00	0.00079	-70.00	130.00	0.00093
-60.00	130.00	0.00109	-50.00	130.00	0.00127
-40.00	130.00	0.00147	-30.00	130.00	0.00167
-25.00	130.00	0.00176	-20.00	130.00	0.00185
-17.00	130.00	0.00189	-15.00	130.00	0.00192
-13.00	130.00	0.00194	-11.00	130.00	0.00196
-9.00	130.00	0.00199	9.00	130.00	0.00219
11.00	130.00	0.00194	13.00	130.00	0.00176
15.00	130.00	0.00163	17.00	130.00	0.00152
20.00	130.00	0.00139	25.00	130.00	0.00122
30.00	130.00	0.00108	40.00	130.00	0.00087
50.00	130.00	0.00072	60.00	130.00	0.00061
70.00	130.00	0.00052	80.00	130.00	0.00045

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00039	100.00	130.00	0.00034
-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	0.00102	-50.00	140.00	0.00116
-40.00	140.00	0.00131	-30.00	140.00	0.00146
-25.00	140.00	0.00152	-20.00	140.00	0.00156
-17.00	140.00	0.00157	-15.00	140.00	0.00156
-13.00	140.00	0.00154	-11.00	140.00	0.00150
-9.00	140.00	0.00143	9.00	140.00	0.00073
11.00	140.00	0.00072	13.00	140.00	0.00071
15.00	140.00	0.00071	17.00	140.00	0.00070
20.00	140.00	0.00068	25.00	140.00	0.00065
30.00	140.00	0.00061	40.00	140.00	0.00054
50.00	140.00	0.00048	60.00	140.00	0.00043
70.00	140.00	0.00038	80.00	140.00	0.00034
90.00	140.00	0.00030	100.00	140.00	0.00027

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

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

09:58:54

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00055	-90.00	150.00	0.00063
-80.00	150.00	0.00072	-70.00	150.00	0.00082
-60.00	150.00	0.00092	-50.00	150.00	0.00103
-40.00	150.00	0.00112	-30.00	150.00	0.00117
-25.00	150.00	0.00116	-20.00	150.00	0.00111
-17.00	150.00	0.00105	-15.00	150.00	0.00100
-13.00	150.00	0.00093	-11.00	150.00	0.00087
-9.00	150.00	0.00080	9.00	150.00	0.00050
11.00	150.00	0.00049	13.00	150.00	0.00048
15.00	150.00	0.00047	17.00	150.00	0.00046
20.00	150.00	0.00045	25.00	150.00	0.00043
30.00	150.00	0.00041	40.00	150.00	0.00038
50.00	150.00	0.00034	60.00	150.00	0.00031
70.00	150.00	0.00029	80.00	150.00	0.00026
90.00	150.00	0.00024	100.00	150.00	0.00022
-100.00	160.00	0.00053	-90.00	160.00	0.00059
-80.00	160.00	0.00066	-70.00	160.00	0.00074
-60.00	160.00	0.00081	-50.00	160.00	0.00086

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-40.00	160.00	0.00089	-30.00	160.00	0.00084
-25.00	160.00	0.00079	-20.00	160.00	0.00071
-17.00	160.00	0.00065	-15.00	160.00	0.00062
-13.00	160.00	0.00058	-11.00	160.00	0.00055
-9.00	160.00	0.00052	9.00	160.00	0.00037
11.00	160.00	0.00037	13.00	160.00	0.00037
15.00	160.00	0.00036	17.00	160.00	0.00035
20.00	160.00	0.00034	25.00	160.00	0.00033
30.00	160.00	0.00031	40.00	160.00	0.00028
50.00	160.00	0.00026	60.00	160.00	0.00024
70.00	160.00	0.00023	80.00	160.00	0.00021
90.00	160.00	0.00019	100.00	160.00	0.00018
-100.00	170.00	0.00050	-90.00	170.00	0.00055
-80.00	170.00	0.00060	-70.00	170.00	0.00064
-60.00	170.00	0.00067	-50.00	170.00	0.00069
-40.00	170.00	0.00066	-30.00	170.00	0.00058
-25.00	170.00	0.00053	-20.00	170.00	0.00047
-17.00	170.00	0.00044	-15.00	170.00	0.00042
-13.00	170.00	0.00041	-11.00	170.00	0.00039
-9.00	170.00	0.00037	9.00	170.00	0.00029
11.00	170.00	0.00029	13.00	170.00	0.00029
15.00	170.00	0.00028	17.00	170.00	0.00028

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

09:58:54

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00027	25.00	170.00	0.00026
30.00	170.00	0.00025	40.00	170.00	0.00022
50.00	170.00	0.00021	60.00	170.00	0.00019
70.00	170.00	0.00018	80.00	170.00	0.00017
90.00	170.00	0.00016	100.00	170.00	0.00015
-100.00	180.00	0.00045	-90.00	180.00	0.00049
-80.00	180.00	0.00052	-70.00	180.00	0.00054
-60.00	180.00	0.00055	-50.00	180.00	0.00053
-40.00	180.00	0.00048	-30.00	180.00	0.00041
-25.00	180.00	0.00038	-20.00	180.00	0.00034
-17.00	180.00	0.00033	-15.00	180.00	0.00031
-13.00	180.00	0.00030	-11.00	180.00	0.00029

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-9.00	180.00	0.00028	9.00	180.00	0.00022
11.00	180.00	0.00023	13.00	180.00	0.00023
15.00	180.00	0.00023	17.00	180.00	0.00023
20.00	180.00	0.00022	25.00	180.00	0.00022
30.00	180.00	0.00020	40.00	180.00	0.00018
50.00	180.00	0.00017	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	0.00041	-90.00	190.00	0.00043
-80.00	190.00	0.00044	-70.00	190.00	0.00044
-60.00	190.00	0.00043	-50.00	190.00	0.00040
-40.00	190.00	0.00035	-30.00	190.00	0.00030
-25.00	190.00	0.00028	-20.00	190.00	0.00026
-17.00	190.00	0.00025	-15.00	190.00	0.00024
-13.00	190.00	0.00023	-11.00	190.00	0.00023
-9.00	190.00	0.00022	9.00	190.00	0.00018
11.00	190.00	0.00018	13.00	190.00	0.00018
15.00	190.00	0.00019	17.00	190.00	0.00019
20.00	190.00	0.00019	25.00	190.00	0.00018
30.00	190.00	0.00017	40.00	190.00	0.00016
50.00	190.00	0.00014	60.00	190.00	0.00013
70.00	190.00	0.00013	80.00	190.00	0.00012
90.00	190.00	0.00012	100.00	190.00	0.00011
-100.00	200.00	0.00036	-90.00	200.00	0.00037
-80.00	200.00	0.00037	-70.00	200.00	0.00036
-60.00	200.00	0.00034	-50.00	200.00	0.00030
-40.00	200.00	0.00027	-30.00	200.00	0.00024
-25.00	200.00	0.00022	-20.00	200.00	0.00021

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

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

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00020	-15.00	200.00	0.00019
-13.00	200.00	0.00019	-11.00	200.00	0.00018
-9.00	200.00	0.00017	9.00	200.00	0.00015
11.00	200.00	0.00015	13.00	200.00	0.00015
15.00	200.00	0.00015	17.00	200.00	0.00015
20.00	200.00	0.00015	25.00	200.00	0.00015

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00015	40.00	200.00	0.00014
50.00	200.00	0.00012	60.00	200.00	0.00011
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	0.00031	-90.00	210.00	0.00031
-80.00	210.00	0.00030	-70.00	210.00	0.00029
-60.00	210.00	0.00026	-50.00	210.00	0.00024
-40.00	210.00	0.00021	-30.00	210.00	0.00019
-25.00	210.00	0.00018	-20.00	210.00	0.00017
-17.00	210.00	0.00016	-15.00	210.00	0.00016
-13.00	210.00	0.00015	-11.00	210.00	0.00015
-9.00	210.00	0.00014	9.00	210.00	0.00012
11.00	210.00	0.00012	13.00	210.00	0.00013
15.00	210.00	0.00013	17.00	210.00	0.00013
20.00	210.00	0.00013	25.00	210.00	0.00013
30.00	210.00	0.00013	40.00	210.00	0.00012
50.00	210.00	0.00011	60.00	210.00	0.00010
70.00	210.00	0.00009	80.00	210.00	0.00009
90.00	210.00	0.00008	100.00	210.00	0.00008
-100.00	220.00	0.00027	-90.00	220.00	0.00026
-80.00	220.00	0.00025	-70.00	220.00	0.00023
-60.00	220.00	0.00021	-50.00	220.00	0.00019
-40.00	220.00	0.00017	-30.00	220.00	0.00016
-25.00	220.00	0.00015	-20.00	220.00	0.00014
-17.00	220.00	0.00014	-15.00	220.00	0.00013
-13.00	220.00	0.00013	-11.00	220.00	0.00012
-9.00	220.00	0.00012	9.00	220.00	0.00010
11.00	220.00	0.00011	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	0.00011
30.00	220.00	0.00011	40.00	220.00	0.00011
50.00	220.00	0.00010	60.00	220.00	0.00009
70.00	220.00	0.00008	80.00	220.00	0.00008
90.00	220.00	0.00007	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 ***

09:58:54

**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
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02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

04/20/08

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	250.00	0.00007	25.00	250.00	0.00007	
30.00	250.00	0.00007	40.00	250.00	0.00007	
50.00	250.00	0.00007	60.00	250.00	0.00007	
70.00	250.00	0.00006	80.00	250.00	0.00006	
90.00	250.00	0.00005	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 ***
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 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-250.00	0.00009	-90.00	-250.00	0.00009	
-80.00	-250.00	0.00009	-70.00	-250.00	0.00009	
-60.00	-250.00	0.00010	-50.00	-250.00	0.00010	
-40.00	-250.00	0.00011	-30.00	-250.00	0.00012	
-25.00	-250.00	0.00012	-20.00	-250.00	0.00012	
-17.00	-250.00	0.00013	-15.00	-250.00	0.00013	
-13.00	-250.00	0.00013	-11.00	-250.00	0.00013	
-9.00	-250.00	0.00013	9.00	-250.00	0.00015	
11.00	-250.00	0.00015	13.00	-250.00	0.00015	
15.00	-250.00	0.00015	17.00	-250.00	0.00016	
20.00	-250.00	0.00016	25.00	-250.00	0.00016	
30.00	-250.00	0.00017	40.00	-250.00	0.00018	
50.00	-250.00	0.00020	60.00	-250.00	0.00021	
70.00	-250.00	0.00022	80.00	-250.00	0.00024	
90.00	-250.00	0.00025	100.00	-250.00	0.00027	
-100.00	-240.00	0.00009	-90.00	-240.00	0.00010	
-80.00	-240.00	0.00010	-70.00	-240.00	0.00010	
-60.00	-240.00	0.00010	-50.00	-240.00	0.00011	
-40.00	-240.00	0.00012	-30.00	-240.00	0.00012	
-25.00	-240.00	0.00013	-20.00	-240.00	0.00013	
-17.00	-240.00	0.00014	-15.00	-240.00	0.00014	
-13.00	-240.00	0.00014	-11.00	-240.00	0.00014	
-9.00	-240.00	0.00014	9.00	-240.00	0.00016	

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

11.00	-240.00	0.00016	13.00	-240.00	0.00017
15.00	-240.00	0.00017	17.00	-240.00	0.00017
20.00	-240.00	0.00017	25.00	-240.00	0.00018
30.00	-240.00	0.00019	40.00	-240.00	0.00020
50.00	-240.00	0.00022	60.00	-240.00	0.00023
70.00	-240.00	0.00025	80.00	-240.00	0.00026
90.00	-240.00	0.00028	100.00	-240.00	0.00029
-100.00	-230.00	0.00010	-90.00	-230.00	0.00010
-80.00	-230.00	0.00011	-70.00	-230.00	0.00011
-60.00	-230.00	0.00011	-50.00	-230.00	0.00012
-40.00	-230.00	0.00012	-30.00	-230.00	0.00013
-25.00	-230.00	0.00014	-20.00	-230.00	0.00014
-17.00	-230.00	0.00015	-15.00	-230.00	0.00015
-13.00	-230.00	0.00015	-11.00	-230.00	0.00015
-9.00	-230.00	0.00015	9.00	-230.00	0.00018
11.00	-230.00	0.00018	13.00	-230.00	0.00018
15.00	-230.00	0.00018	17.00	-230.00	0.00018

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

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

09:58:54

**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	0.00019	25.00	-230.00	0.00020
30.00	-230.00	0.00020	40.00	-230.00	0.00022
50.00	-230.00	0.00024	60.00	-230.00	0.00026
70.00	-230.00	0.00027	80.00	-230.00	0.00029
90.00	-230.00	0.00031	100.00	-230.00	0.00032
-100.00	-220.00	0.00010	-90.00	-220.00	0.00011
-80.00	-220.00	0.00011	-70.00	-220.00	0.00012
-60.00	-220.00	0.00012	-50.00	-220.00	0.00013
-40.00	-220.00	0.00013	-30.00	-220.00	0.00014
-25.00	-220.00	0.00015	-20.00	-220.00	0.00015
-17.00	-220.00	0.00016	-15.00	-220.00	0.00016
-13.00	-220.00	0.00016	-11.00	-220.00	0.00017
-9.00	-220.00	0.00017	9.00	-220.00	0.00019
11.00	-220.00	0.00019	13.00	-220.00	0.00020
15.00	-220.00	0.00020	17.00	-220.00	0.00020
20.00	-220.00	0.00021	25.00	-220.00	0.00021
30.00	-220.00	0.00022	40.00	-220.00	0.00024

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

50.00	-220.00	0.00026	60.00	-220.00	0.00028
70.00	-220.00	0.00030	80.00	-220.00	0.00032
90.00	-220.00	0.00034	100.00	-220.00	0.00036
-100.00	-210.00	0.00011	-90.00	-210.00	0.00012
-80.00	-210.00	0.00012	-70.00	-210.00	0.00013
-60.00	-210.00	0.00013	-50.00	-210.00	0.00014
-40.00	-210.00	0.00014	-30.00	-210.00	0.00015
-25.00	-210.00	0.00016	-20.00	-210.00	0.00017
-17.00	-210.00	0.00017	-15.00	-210.00	0.00017
-13.00	-210.00	0.00018	-11.00	-210.00	0.00018
-9.00	-210.00	0.00018	9.00	-210.00	0.00021
11.00	-210.00	0.00021	13.00	-210.00	0.00021
15.00	-210.00	0.00022	17.00	-210.00	0.00022
20.00	-210.00	0.00023	25.00	-210.00	0.00024
30.00	-210.00	0.00025	40.00	-210.00	0.00027
50.00	-210.00	0.00029	60.00	-210.00	0.00032
70.00	-210.00	0.00034	80.00	-210.00	0.00036
90.00	-210.00	0.00038	100.00	-210.00	0.00040
-100.00	-200.00	0.00012	-90.00	-200.00	0.00012
-80.00	-200.00	0.00013	-70.00	-200.00	0.00014
-60.00	-200.00	0.00014	-50.00	-200.00	0.00015
-40.00	-200.00	0.00016	-30.00	-200.00	0.00017
-25.00	-200.00	0.00017	-20.00	-200.00	0.00018

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

09:58:54
 **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	0.00019	-15.00	-200.00	0.00019
-13.00	-200.00	0.00019	-11.00	-200.00	0.00020
-9.00	-200.00	0.00020	9.00	-200.00	0.00023
11.00	-200.00	0.00023	13.00	-200.00	0.00024
15.00	-200.00	0.00024	17.00	-200.00	0.00024
20.00	-200.00	0.00025	25.00	-200.00	0.00026
30.00	-200.00	0.00027	40.00	-200.00	0.00030
50.00	-200.00	0.00033	60.00	-200.00	0.00036
70.00	-200.00	0.00038	80.00	-200.00	0.00041
90.00	-200.00	0.00043	100.00	-200.00	0.00044
-100.00	-190.00	0.00012	-90.00	-190.00	0.00013

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00014	-70.00	-190.00	0.00015
-60.00	-190.00	0.00015	-50.00	-190.00	0.00016
-40.00	-190.00	0.00017	-30.00	-190.00	0.00018
-25.00	-190.00	0.00019	-20.00	-190.00	0.00020
-17.00	-190.00	0.00020	-15.00	-190.00	0.00021
-13.00	-190.00	0.00021	-11.00	-190.00	0.00021
-9.00	-190.00	0.00022	9.00	-190.00	0.00025
11.00	-190.00	0.00026	13.00	-190.00	0.00026
15.00	-190.00	0.00027	17.00	-190.00	0.00027
20.00	-190.00	0.00028	25.00	-190.00	0.00029
30.00	-190.00	0.00031	40.00	-190.00	0.00034
50.00	-190.00	0.00037	60.00	-190.00	0.00040
70.00	-190.00	0.00043	80.00	-190.00	0.00046
90.00	-190.00	0.00048	100.00	-190.00	0.00050
-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	0.00017	-50.00	-180.00	0.00017
-40.00	-180.00	0.00018	-30.00	-180.00	0.00020
-25.00	-180.00	0.00021	-20.00	-180.00	0.00021
-17.00	-180.00	0.00022	-15.00	-180.00	0.00023
-13.00	-180.00	0.00023	-11.00	-180.00	0.00023
-9.00	-180.00	0.00024	9.00	-180.00	0.00028
11.00	-180.00	0.00029	13.00	-180.00	0.00029
15.00	-180.00	0.00030	17.00	-180.00	0.00030
20.00	-180.00	0.00031	25.00	-180.00	0.00033
30.00	-180.00	0.00034	40.00	-180.00	0.00038
50.00	-180.00	0.00042	60.00	-180.00	0.00046
70.00	-180.00	0.00049	80.00	-180.00	0.00052
90.00	-180.00	0.00054	100.00	-180.00	0.00056

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

09:58:54
 **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	0.00014	-90.00	-170.00	0.00015
-80.00	-170.00	0.00016	-70.00	-170.00	0.00017
-60.00	-170.00	0.00018	-50.00	-170.00	0.00019
-40.00	-170.00	0.00020	-30.00	-170.00	0.00022
-25.00	-170.00	0.00022	-20.00	-170.00	0.00024

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00024	-15.00	-170.00	0.00025
-13.00	-170.00	0.00025	-11.00	-170.00	0.00026
-9.00	-170.00	0.00026	9.00	-170.00	0.00031
11.00	-170.00	0.00032	13.00	-170.00	0.00033
15.00	-170.00	0.00033	17.00	-170.00	0.00034
20.00	-170.00	0.00035	25.00	-170.00	0.00037
30.00	-170.00	0.00039	40.00	-170.00	0.00044
50.00	-170.00	0.00048	60.00	-170.00	0.00053
70.00	-170.00	0.00056	80.00	-170.00	0.00059
90.00	-170.00	0.00061	100.00	-170.00	0.00063
-100.00	-160.00	0.00015	-90.00	-160.00	0.00016
-80.00	-160.00	0.00017	-70.00	-160.00	0.00019
-60.00	-160.00	0.00020	-50.00	-160.00	0.00021
-40.00	-160.00	0.00022	-30.00	-160.00	0.00024
-25.00	-160.00	0.00025	-20.00	-160.00	0.00026
-17.00	-160.00	0.00027	-15.00	-160.00	0.00027
-13.00	-160.00	0.00028	-11.00	-160.00	0.00029
-9.00	-160.00	0.00029	9.00	-160.00	0.00035
11.00	-160.00	0.00036	13.00	-160.00	0.00037
15.00	-160.00	0.00038	17.00	-160.00	0.00039
20.00	-160.00	0.00040	25.00	-160.00	0.00042
30.00	-160.00	0.00045	40.00	-160.00	0.00050
50.00	-160.00	0.00056	60.00	-160.00	0.00061
70.00	-160.00	0.00065	80.00	-160.00	0.00068
90.00	-160.00	0.00070	100.00	-160.00	0.00071
-100.00	-150.00	0.00015	-90.00	-150.00	0.00017
-80.00	-150.00	0.00019	-70.00	-150.00	0.00020
-60.00	-150.00	0.00022	-50.00	-150.00	0.00023
-40.00	-150.00	0.00024	-30.00	-150.00	0.00026
-25.00	-150.00	0.00027	-20.00	-150.00	0.00029
-17.00	-150.00	0.00030	-15.00	-150.00	0.00031
-13.00	-150.00	0.00031	-11.00	-150.00	0.00032
-9.00	-150.00	0.00033	9.00	-150.00	0.00040
11.00	-150.00	0.00041	13.00	-150.00	0.00042
15.00	-150.00	0.00043	17.00	-150.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 09:58:54
 **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 **

02NCRA_PL92-300_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	0.00046	25.00	-150.00	0.00049
30.00	-150.00	0.00052	40.00	-150.00	0.00059
50.00	-150.00	0.00065	60.00	-150.00	0.00071
70.00	-150.00	0.00075	80.00	-150.00	0.00078
90.00	-150.00	0.00080	100.00	-150.00	0.00080
-100.00	-140.00	0.00016	-90.00	-140.00	0.00018
-80.00	-140.00	0.00020	-70.00	-140.00	0.00022
-60.00	-140.00	0.00024	-50.00	-140.00	0.00026
-40.00	-140.00	0.00027	-30.00	-140.00	0.00029
-25.00	-140.00	0.00030	-20.00	-140.00	0.00032
-17.00	-140.00	0.00033	-15.00	-140.00	0.00034
-13.00	-140.00	0.00035	-11.00	-140.00	0.00036
-9.00	-140.00	0.00037	9.00	-140.00	0.00046
11.00	-140.00	0.00047	13.00	-140.00	0.00048
15.00	-140.00	0.00050	17.00	-140.00	0.00051
20.00	-140.00	0.00053	25.00	-140.00	0.00057
30.00	-140.00	0.00061	40.00	-140.00	0.00069
50.00	-140.00	0.00077	60.00	-140.00	0.00084
70.00	-140.00	0.00088	80.00	-140.00	0.00091
90.00	-140.00	0.00091	100.00	-140.00	0.00091
-100.00	-130.00	0.00017	-90.00	-130.00	0.00019
-80.00	-130.00	0.00021	-70.00	-130.00	0.00024
-60.00	-130.00	0.00026	-50.00	-130.00	0.00029
-40.00	-130.00	0.00031	-30.00	-130.00	0.00033
-25.00	-130.00	0.00034	-20.00	-130.00	0.00036
-17.00	-130.00	0.00037	-15.00	-130.00	0.00038
-13.00	-130.00	0.00039	-11.00	-130.00	0.00041
-9.00	-130.00	0.00042	9.00	-130.00	0.00053
11.00	-130.00	0.00055	13.00	-130.00	0.00056
15.00	-130.00	0.00058	17.00	-130.00	0.00060
20.00	-130.00	0.00063	25.00	-130.00	0.00068
30.00	-130.00	0.00073	40.00	-130.00	0.00083
50.00	-130.00	0.00092	60.00	-130.00	0.00099
70.00	-130.00	0.00103	80.00	-130.00	0.00105
90.00	-130.00	0.00105	100.00	-130.00	0.00103
-100.00	-120.00	0.00018	-90.00	-120.00	0.00020
-80.00	-120.00	0.00023	-70.00	-120.00	0.00025
-60.00	-120.00	0.00029	-50.00	-120.00	0.00032
-40.00	-120.00	0.00034	-30.00	-120.00	0.00037
-25.00	-120.00	0.00039	-20.00	-120.00	0.00041

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

*** NCRA Cumulative DPM Impacts

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

09:58:54

**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	0.00042	-15.00	-120.00	0.00043
-13.00	-120.00	0.00045	-11.00	-120.00	0.00046
-9.00	-120.00	0.00047	9.00	-120.00	0.00062
11.00	-120.00	0.00064	13.00	-120.00	0.00067
15.00	-120.00	0.00069	17.00	-120.00	0.00071
20.00	-120.00	0.00075	25.00	-120.00	0.00081
30.00	-120.00	0.00088	40.00	-120.00	0.00101
50.00	-120.00	0.00112	60.00	-120.00	0.00119
70.00	-120.00	0.00122	80.00	-120.00	0.00123
90.00	-120.00	0.00120	100.00	-120.00	0.00116
-100.00	-110.00	0.00019	-90.00	-110.00	0.00021
-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	0.00039	-30.00	-110.00	0.00042
-25.00	-110.00	0.00044	-20.00	-110.00	0.00046
-17.00	-110.00	0.00048	-15.00	-110.00	0.00049
-13.00	-110.00	0.00051	-11.00	-110.00	0.00053
-9.00	-110.00	0.00054	9.00	-110.00	0.00074
11.00	-110.00	0.00077	13.00	-110.00	0.00080
15.00	-110.00	0.00083	17.00	-110.00	0.00086
20.00	-110.00	0.00091	25.00	-110.00	0.00100
30.00	-110.00	0.00109	40.00	-110.00	0.00125
50.00	-110.00	0.00137	60.00	-110.00	0.00143
70.00	-110.00	0.00145	80.00	-110.00	0.00142
90.00	-110.00	0.00137	100.00	-110.00	0.00129
-100.00	-100.00	0.00021	-90.00	-100.00	0.00023
-80.00	-100.00	0.00026	-70.00	-100.00	0.00029
-60.00	-100.00	0.00033	-50.00	-100.00	0.00038
-40.00	-100.00	0.00043	-30.00	-100.00	0.00048
-25.00	-100.00	0.00050	-20.00	-100.00	0.00053
-17.00	-100.00	0.00055	-15.00	-100.00	0.00057
-13.00	-100.00	0.00058	-11.00	-100.00	0.00061
-9.00	-100.00	0.00063	9.00	-100.00	0.00089
11.00	-100.00	0.00093	13.00	-100.00	0.00098
15.00	-100.00	0.00102	17.00	-100.00	0.00107
20.00	-100.00	0.00114	25.00	-100.00	0.00126
30.00	-100.00	0.00138	40.00	-100.00	0.00157

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

50.00	-100.00	0.00169	60.00	-100.00	0.00174
70.00	-100.00	0.00171	80.00	-100.00	0.00164
90.00	-100.00	0.00153	100.00	-100.00	0.00141

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

09:58:54
 **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	0.00022	-90.00	-90.00	0.00025
-80.00	-90.00	0.00028	-70.00	-90.00	0.00032
-60.00	-90.00	0.00036	-50.00	-90.00	0.00042
-40.00	-90.00	0.00048	-30.00	-90.00	0.00055
-25.00	-90.00	0.00058	-20.00	-90.00	0.00061
-17.00	-90.00	0.00064	-15.00	-90.00	0.00065
-13.00	-90.00	0.00068	-11.00	-90.00	0.00070
-9.00	-90.00	0.00073	9.00	-90.00	0.00110
11.00	-90.00	0.00116	13.00	-90.00	0.00122
15.00	-90.00	0.00129	17.00	-90.00	0.00136
20.00	-90.00	0.00146	25.00	-90.00	0.00163
30.00	-90.00	0.00179	40.00	-90.00	0.00201
50.00	-90.00	0.00211	60.00	-90.00	0.00209
70.00	-90.00	0.00199	80.00	-90.00	0.00185
90.00	-90.00	0.00169	100.00	-90.00	0.00153
-100.00	-80.00	0.00024	-90.00	-80.00	0.00027
-80.00	-80.00	0.00030	-70.00	-80.00	0.00035
-60.00	-80.00	0.00040	-50.00	-80.00	0.00046
-40.00	-80.00	0.00053	-30.00	-80.00	0.00062
-25.00	-80.00	0.00066	-20.00	-80.00	0.00071
-17.00	-80.00	0.00074	-15.00	-80.00	0.00076
-13.00	-80.00	0.00078	-11.00	-80.00	0.00081
-9.00	-80.00	0.00085	9.00	-80.00	0.00140
11.00	-80.00	0.00149	13.00	-80.00	0.00159
15.00	-80.00	0.00170	17.00	-80.00	0.00180
20.00	-80.00	0.00195	25.00	-80.00	0.00219
30.00	-80.00	0.00238	40.00	-80.00	0.00260
50.00	-80.00	0.00260	60.00	-80.00	0.00247
70.00	-80.00	0.00227	80.00	-80.00	0.00204
90.00	-80.00	0.00182	100.00	-80.00	0.00162
-100.00	-70.00	0.00026	-90.00	-70.00	0.00030

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-80.00	-70.00	0.00033	-70.00	-70.00	0.00038
-60.00	-70.00	0.00044	-50.00	-70.00	0.00051
-40.00	-70.00	0.00059	-30.00	-70.00	0.00069
-25.00	-70.00	0.00075	-20.00	-70.00	0.00081
-17.00	-70.00	0.00085	-15.00	-70.00	0.00088
-13.00	-70.00	0.00091	-11.00	-70.00	0.00095
-9.00	-70.00	0.00099	9.00	-70.00	0.00186
11.00	-70.00	0.00202	13.00	-70.00	0.00219
15.00	-70.00	0.00235	17.00	-70.00	0.00252

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

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

09:58:54

**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	0.00274	25.00	-70.00	0.00304
30.00	-70.00	0.00323	40.00	-70.00	0.00331
50.00	-70.00	0.00312	60.00	-70.00	0.00283
70.00	-70.00	0.00251	80.00	-70.00	0.00220
90.00	-70.00	0.00192	100.00	-70.00	0.00167
-100.00	-60.00	0.00029	-90.00	-60.00	0.00033
-80.00	-60.00	0.00037	-70.00	-60.00	0.00042
-60.00	-60.00	0.00049	-50.00	-60.00	0.00057
-40.00	-60.00	0.00066	-30.00	-60.00	0.00078
-25.00	-60.00	0.00084	-20.00	-60.00	0.00092
-17.00	-60.00	0.00097	-15.00	-60.00	0.00101
-13.00	-60.00	0.00106	-11.00	-60.00	0.00111
-9.00	-60.00	0.00116	9.00	-60.00	0.00272
11.00	-60.00	0.00301	13.00	-60.00	0.00328
15.00	-60.00	0.00354	17.00	-60.00	0.00376
20.00	-60.00	0.00401	25.00	-60.00	0.00424
30.00	-60.00	0.00427	40.00	-60.00	0.00401
50.00	-60.00	0.00357	60.00	-60.00	0.00310
70.00	-60.00	0.00266	80.00	-60.00	0.00228
90.00	-60.00	0.00195	100.00	-60.00	0.00166
-100.00	-50.00	0.00033	-90.00	-50.00	0.00037
-80.00	-50.00	0.00042	-70.00	-50.00	0.00048
-60.00	-50.00	0.00055	-50.00	-50.00	0.00065
-40.00	-50.00	0.00076	-30.00	-50.00	0.00089
-25.00	-50.00	0.00097	-20.00	-50.00	0.00106

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-17.00	-50.00	0.00112	-15.00	-50.00	0.00117
-13.00	-50.00	0.00122	-11.00	-50.00	0.00129
-9.00	-50.00	0.00137	9.00	-50.00	0.00469
11.00	-50.00	0.00501	13.00	-50.00	0.00522
15.00	-50.00	0.00536	17.00	-50.00	0.00544
20.00	-50.00	0.00547	25.00	-50.00	0.00535
30.00	-50.00	0.00511	40.00	-50.00	0.00448
50.00	-50.00	0.00382	60.00	-50.00	0.00323
70.00	-50.00	0.00271	80.00	-50.00	0.00228
90.00	-50.00	0.00191	100.00	-50.00	0.00161
-100.00	-40.00	0.00036	-90.00	-40.00	0.00041
-80.00	-40.00	0.00047	-70.00	-40.00	0.00055
-60.00	-40.00	0.00064	-50.00	-40.00	0.00075
-40.00	-40.00	0.00090	-30.00	-40.00	0.00108
-25.00	-40.00	0.00118	-20.00	-40.00	0.00131

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

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

09:58:54

**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	0.00141	-15.00	-40.00	0.00148
-13.00	-40.00	0.00158	-11.00	-40.00	0.00171
-9.00	-40.00	0.00188	9.00	-40.00	0.00607
11.00	-40.00	0.00613	13.00	-40.00	0.00618
15.00	-40.00	0.00619	17.00	-40.00	0.00617
20.00	-40.00	0.00608	25.00	-40.00	0.00580
30.00	-40.00	0.00544	40.00	-40.00	0.00465
50.00	-40.00	0.00388	60.00	-40.00	0.00322
70.00	-40.00	0.00266	80.00	-40.00	0.00220
90.00	-40.00	0.00182	100.00	-40.00	0.00152
-100.00	-30.00	0.00040	-90.00	-30.00	0.00046
-80.00	-30.00	0.00053	-70.00	-30.00	0.00062
-60.00	-30.00	0.00073	-50.00	-30.00	0.00087
-40.00	-30.00	0.00106	-30.00	-30.00	0.00132
-25.00	-30.00	0.00150	-20.00	-30.00	0.00171
-17.00	-30.00	0.00187	-15.00	-30.00	0.00199
-13.00	-30.00	0.00213	-11.00	-30.00	0.00227
-9.00	-30.00	0.00245	9.00	-30.00	0.00618
11.00	-30.00	0.00625	13.00	-30.00	0.00629

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00630	17.00	-30.00	0.00627
20.00	-30.00	0.00616	25.00	-30.00	0.00586
30.00	-30.00	0.00546	40.00	-30.00	0.00460
50.00	-30.00	0.00379	60.00	-30.00	0.00309
70.00	-30.00	0.00252	80.00	-30.00	0.00205
90.00	-30.00	0.00168	100.00	-30.00	0.00139
-100.00	-20.00	0.00044	-90.00	-20.00	0.00050
-80.00	-20.00	0.00059	-70.00	-20.00	0.00069
-60.00	-20.00	0.00083	-50.00	-20.00	0.00101
-40.00	-20.00	0.00125	-30.00	-20.00	0.00160
-25.00	-20.00	0.00182	-20.00	-20.00	0.00205
-17.00	-20.00	0.00220	-15.00	-20.00	0.00230
-13.00	-20.00	0.00240	-11.00	-20.00	0.00251
-9.00	-20.00	0.00264	9.00	-20.00	0.00617
11.00	-20.00	0.00622	13.00	-20.00	0.00625
15.00	-20.00	0.00625	17.00	-20.00	0.00621
20.00	-20.00	0.00608	25.00	-20.00	0.00575
30.00	-20.00	0.00533	40.00	-20.00	0.00442
50.00	-20.00	0.00358	60.00	-20.00	0.00287
70.00	-20.00	0.00230	80.00	-20.00	0.00185
90.00	-20.00	0.00150	100.00	-20.00	0.00123

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

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

09:58:54

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00047	-90.00	-10.00	0.00055
-80.00	-10.00	0.00065	-70.00	-10.00	0.00077
-60.00	-10.00	0.00093	-50.00	-10.00	0.00115
-40.00	-10.00	0.00143	-30.00	-10.00	0.00179
-25.00	-10.00	0.00200	-20.00	-10.00	0.00220
-17.00	-10.00	0.00232	-15.00	-10.00	0.00240
-13.00	-10.00	0.00249	-11.00	-10.00	0.00257
-9.00	-10.00	0.00268	9.00	-10.00	0.00607
11.00	-10.00	0.00611	13.00	-10.00	0.00612
15.00	-10.00	0.00610	17.00	-10.00	0.00604
20.00	-10.00	0.00589	25.00	-10.00	0.00552
30.00	-10.00	0.00507	40.00	-10.00	0.00411
50.00	-10.00	0.00325	60.00	-10.00	0.00255

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00201	80.00	-10.00	0.00160
90.00	-10.00	0.00129	100.00	-10.00	0.00106
-100.00	0.00	0.00050	-90.00	0.00	0.00059
-80.00	0.00	0.00070	-70.00	0.00	0.00085
-60.00	0.00	0.00103	-50.00	0.00	0.00126
-40.00	0.00	0.00155	-30.00	0.00	0.00188
-25.00	0.00	0.00206	-20.00	0.00	0.00223
-17.00	0.00	0.00233	-15.00	0.00	0.00240
-13.00	0.00	0.00247	-11.00	0.00	0.00255
-9.00	0.00	0.00265	9.00	0.00	0.00589
11.00	0.00	0.00590	13.00	0.00	0.00589
15.00	0.00	0.00584	17.00	0.00	0.00576
20.00	0.00	0.00557	25.00	0.00	0.00515
30.00	0.00	0.00465	40.00	0.00	0.00366
50.00	0.00	0.00281	60.00	0.00	0.00216
70.00	0.00	0.00168	80.00	0.00	0.00133
90.00	0.00	0.00107	100.00	0.00	0.00088
-100.00	10.00	0.00053	-90.00	10.00	0.00063
-80.00	10.00	0.00075	-70.00	10.00	0.00091
-60.00	10.00	0.00110	-50.00	10.00	0.00133
-40.00	10.00	0.00161	-30.00	10.00	0.00190
-25.00	10.00	0.00204	-20.00	10.00	0.00219
-17.00	10.00	0.00228	-15.00	10.00	0.00234
-13.00	10.00	0.00240	-11.00	10.00	0.00247
-9.00	10.00	0.00255	9.00	10.00	0.00559
11.00	10.00	0.00557	13.00	10.00	0.00552
15.00	10.00	0.00543	17.00	10.00	0.00531

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

09:58:54
 **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	0.00507	25.00	10.00	0.00457
30.00	10.00	0.00403	40.00	10.00	0.00303
50.00	10.00	0.00226	60.00	10.00	0.00172
70.00	10.00	0.00134	80.00	10.00	0.00106
90.00	10.00	0.00086	100.00	10.00	0.00071
-100.00	20.00	0.00056	-90.00	20.00	0.00066
-80.00	20.00	0.00079	-70.00	20.00	0.00094

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00113	-50.00	20.00	0.00136
-40.00	20.00	0.00161	-30.00	20.00	0.00186
-25.00	20.00	0.00199	-20.00	20.00	0.00211
-17.00	20.00	0.00218	-15.00	20.00	0.00223
-13.00	20.00	0.00228	-11.00	20.00	0.00234
-9.00	20.00	0.00241	9.00	20.00	0.00511
11.00	20.00	0.00501	13.00	20.00	0.00490
15.00	20.00	0.00475	17.00	20.00	0.00457
20.00	20.00	0.00425	25.00	20.00	0.00368
30.00	20.00	0.00312	40.00	20.00	0.00225
50.00	20.00	0.00166	60.00	20.00	0.00127
70.00	20.00	0.00100	80.00	20.00	0.00081
90.00	20.00	0.00066	100.00	20.00	0.00056
-100.00	30.00	0.00058	-90.00	30.00	0.00068
-80.00	30.00	0.00080	-70.00	30.00	0.00095
-60.00	30.00	0.00113	-50.00	30.00	0.00134
-40.00	30.00	0.00156	-30.00	30.00	0.00179
-25.00	30.00	0.00190	-20.00	30.00	0.00200
-17.00	30.00	0.00206	-15.00	30.00	0.00209
-13.00	30.00	0.00213	-11.00	30.00	0.00217
-9.00	30.00	0.00223	9.00	30.00	0.00422
11.00	30.00	0.00399	13.00	30.00	0.00376
15.00	30.00	0.00352	17.00	30.00	0.00327
20.00	30.00	0.00292	25.00	30.00	0.00241
30.00	30.00	0.00201	40.00	30.00	0.00146
50.00	30.00	0.00111	60.00	30.00	0.00088
70.00	30.00	0.00072	80.00	30.00	0.00060
90.00	30.00	0.00051	100.00	30.00	0.00044
-100.00	40.00	0.00058	-90.00	40.00	0.00068
-80.00	40.00	0.00079	-70.00	40.00	0.00093
-60.00	40.00	0.00109	-50.00	40.00	0.00127
-40.00	40.00	0.00147	-30.00	40.00	0.00167
-25.00	40.00	0.00176	-20.00	40.00	0.00185

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

09:58:54
 **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	0.00189	-15.00	40.00	0.00192

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00194	-11.00	40.00	0.00196
-9.00	40.00	0.00199	9.00	40.00	0.00219
11.00	40.00	0.00194	13.00	40.00	0.00176
15.00	40.00	0.00163	17.00	40.00	0.00152
20.00	40.00	0.00139	25.00	40.00	0.00122
30.00	40.00	0.00108	40.00	40.00	0.00087
50.00	40.00	0.00072	60.00	40.00	0.00061
70.00	40.00	0.00052	80.00	40.00	0.00045
90.00	40.00	0.00039	100.00	40.00	0.00034
-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	0.00102	-50.00	50.00	0.00116
-40.00	50.00	0.00131	-30.00	50.00	0.00146
-25.00	50.00	0.00152	-20.00	50.00	0.00156
-17.00	50.00	0.00157	-15.00	50.00	0.00156
-13.00	50.00	0.00154	-11.00	50.00	0.00150
-9.00	50.00	0.00143	9.00	50.00	0.00073
11.00	50.00	0.00072	13.00	50.00	0.00071
15.00	50.00	0.00071	17.00	50.00	0.00070
20.00	50.00	0.00068	25.00	50.00	0.00065
30.00	50.00	0.00061	40.00	50.00	0.00054
50.00	50.00	0.00048	60.00	50.00	0.00043
70.00	50.00	0.00038	80.00	50.00	0.00034
90.00	50.00	0.00030	100.00	50.00	0.00027
-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	0.00092	-50.00	60.00	0.00103
-40.00	60.00	0.00112	-30.00	60.00	0.00117
-25.00	60.00	0.00116	-20.00	60.00	0.00111
-17.00	60.00	0.00105	-15.00	60.00	0.00100
-13.00	60.00	0.00093	-11.00	60.00	0.00087
-9.00	60.00	0.00080	9.00	60.00	0.00050
11.00	60.00	0.00049	13.00	60.00	0.00048
15.00	60.00	0.00047	17.00	60.00	0.00046
20.00	60.00	0.00045	25.00	60.00	0.00043
30.00	60.00	0.00041	40.00	60.00	0.00038
50.00	60.00	0.00034	60.00	60.00	0.00031
70.00	60.00	0.00029	80.00	60.00	0.00026
90.00	60.00	0.00024	100.00	60.00	0.00022

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

*** NCRA Cumulative DPM Impacts

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

09:58:54

**MODELOPTs:

PAGE 75

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00053	-90.00	70.00	0.00059	
-80.00	70.00	0.00066	-70.00	70.00	0.00074	
-60.00	70.00	0.00081	-50.00	70.00	0.00086	
-40.00	70.00	0.00089	-30.00	70.00	0.00084	
-25.00	70.00	0.00079	-20.00	70.00	0.00071	
-17.00	70.00	0.00065	-15.00	70.00	0.00062	
-13.00	70.00	0.00058	-11.00	70.00	0.00055	
-9.00	70.00	0.00052	9.00	70.00	0.00037	
11.00	70.00	0.00037	13.00	70.00	0.00037	
15.00	70.00	0.00036	17.00	70.00	0.00035	
20.00	70.00	0.00034	25.00	70.00	0.00033	
30.00	70.00	0.00031	40.00	70.00	0.00028	
50.00	70.00	0.00026	60.00	70.00	0.00024	
70.00	70.00	0.00023	80.00	70.00	0.00021	
90.00	70.00	0.00019	100.00	70.00	0.00018	
-100.00	80.00	0.00050	-90.00	80.00	0.00055	
-80.00	80.00	0.00060	-70.00	80.00	0.00064	
-60.00	80.00	0.00067	-50.00	80.00	0.00069	
-40.00	80.00	0.00066	-30.00	80.00	0.00058	
-25.00	80.00	0.00053	-20.00	80.00	0.00047	
-17.00	80.00	0.00044	-15.00	80.00	0.00042	
-13.00	80.00	0.00041	-11.00	80.00	0.00039	
-9.00	80.00	0.00037	9.00	80.00	0.00029	
11.00	80.00	0.00029	13.00	80.00	0.00029	
15.00	80.00	0.00028	17.00	80.00	0.00028	
20.00	80.00	0.00027	25.00	80.00	0.00026	
30.00	80.00	0.00025	40.00	80.00	0.00022	
50.00	80.00	0.00021	60.00	80.00	0.00019	
70.00	80.00	0.00018	80.00	80.00	0.00017	
90.00	80.00	0.00016	100.00	80.00	0.00015	
-100.00	90.00	0.00045	-90.00	90.00	0.00049	
-80.00	90.00	0.00052	-70.00	90.00	0.00054	
-60.00	90.00	0.00055	-50.00	90.00	0.00053	
-40.00	90.00	0.00048	-30.00	90.00	0.00041	
-25.00	90.00	0.00038	-20.00	90.00	0.00034	
-17.00	90.00	0.00033	-15.00	90.00	0.00031	
-13.00	90.00	0.00030	-11.00	90.00	0.00029	
-9.00	90.00	0.00028	9.00	90.00	0.00022	
11.00	90.00	0.00023	13.00	90.00	0.00023	

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

15.00 90.00 0.00023 17.00 90.00 0.00023

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

09:58:54

**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	0.00022	25.00	90.00	0.00022
30.00	90.00	0.00020	40.00	90.00	0.00018
50.00	90.00	0.00017	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	0.00041	-90.00	100.00	0.00043
-80.00	100.00	0.00044	-70.00	100.00	0.00044
-60.00	100.00	0.00043	-50.00	100.00	0.00040
-40.00	100.00	0.00035	-30.00	100.00	0.00030
-25.00	100.00	0.00028	-20.00	100.00	0.00026
-17.00	100.00	0.00025	-15.00	100.00	0.00024
-13.00	100.00	0.00023	-11.00	100.00	0.00023
-9.00	100.00	0.00022	9.00	100.00	0.00018
11.00	100.00	0.00018	13.00	100.00	0.00018
15.00	100.00	0.00019	17.00	100.00	0.00019
20.00	100.00	0.00019	25.00	100.00	0.00018
30.00	100.00	0.00017	40.00	100.00	0.00016
50.00	100.00	0.00014	60.00	100.00	0.00013
70.00	100.00	0.00013	80.00	100.00	0.00012
90.00	100.00	0.00012	100.00	100.00	0.00011
-100.00	110.00	0.00036	-90.00	110.00	0.00037
-80.00	110.00	0.00037	-70.00	110.00	0.00036
-60.00	110.00	0.00034	-50.00	110.00	0.00030
-40.00	110.00	0.00027	-30.00	110.00	0.00024
-25.00	110.00	0.00022	-20.00	110.00	0.00021
-17.00	110.00	0.00020	-15.00	110.00	0.00019
-13.00	110.00	0.00019	-11.00	110.00	0.00018
-9.00	110.00	0.00017	9.00	110.00	0.00015
11.00	110.00	0.00015	13.00	110.00	0.00015
15.00	110.00	0.00015	17.00	110.00	0.00015
20.00	110.00	0.00015	25.00	110.00	0.00015
30.00	110.00	0.00015	40.00	110.00	0.00014
50.00	110.00	0.00012	60.00	110.00	0.00011

02NCRA_PL92-300_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	0.00031	-90.00	120.00	0.00031
-80.00	120.00	0.00030	-70.00	120.00	0.00029
-60.00	120.00	0.00026	-50.00	120.00	0.00024
-40.00	120.00	0.00021	-30.00	120.00	0.00019
-25.00	120.00	0.00018	-20.00	120.00	0.00017

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_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	0.00016	-15.00	120.00	0.00016
-13.00	120.00	0.00015	-11.00	120.00	0.00015
-9.00	120.00	0.00014	9.00	120.00	0.00012
11.00	120.00	0.00012	13.00	120.00	0.00013
15.00	120.00	0.00013	17.00	120.00	0.00013
20.00	120.00	0.00013	25.00	120.00	0.00013
30.00	120.00	0.00013	40.00	120.00	0.00012
50.00	120.00	0.00011	60.00	120.00	0.00010
70.00	120.00	0.00009	80.00	120.00	0.00009
90.00	120.00	0.00008	100.00	120.00	0.00008
-100.00	130.00	0.00027	-90.00	130.00	0.00026
-80.00	130.00	0.00025	-70.00	130.00	0.00023
-60.00	130.00	0.00021	-50.00	130.00	0.00019
-40.00	130.00	0.00017	-30.00	130.00	0.00016
-25.00	130.00	0.00015	-20.00	130.00	0.00014
-17.00	130.00	0.00014	-15.00	130.00	0.00013
-13.00	130.00	0.00013	-11.00	130.00	0.00012
-9.00	130.00	0.00012	9.00	130.00	0.00010
11.00	130.00	0.00011	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	0.00011
30.00	130.00	0.00011	40.00	130.00	0.00011
50.00	130.00	0.00010	60.00	130.00	0.00009
70.00	130.00	0.00008	80.00	130.00	0.00008
90.00	130.00	0.00007	100.00	130.00	0.00007
-100.00	140.00	0.00023	-90.00	140.00	0.00022
-80.00	140.00	0.00020	-70.00	140.00	0.00019

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-60.00	140.00	0.00017	-50.00	140.00	0.00016
-40.00	140.00	0.00014	-30.00	140.00	0.00013
-25.00	140.00	0.00013	-20.00	140.00	0.00012
-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	0.00010	9.00	140.00	0.00009
11.00	140.00	0.00009	13.00	140.00	0.00009
15.00	140.00	0.00009	17.00	140.00	0.00009
20.00	140.00	0.00009	25.00	140.00	0.00010
30.00	140.00	0.00010	40.00	140.00	0.00009
50.00	140.00	0.00009	60.00	140.00	0.00008
70.00	140.00	0.00007	80.00	140.00	0.00007
90.00	140.00	0.00007	100.00	140.00	0.00006

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00019	-90.00	150.00	0.00018
-80.00	150.00	0.00017	-70.00	150.00	0.00016
-60.00	150.00	0.00014	-50.00	150.00	0.00013
-40.00	150.00	0.00012	-30.00	150.00	0.00011
-25.00	150.00	0.00011	-20.00	150.00	0.00010
-17.00	150.00	0.00010	-15.00	150.00	0.00010
-13.00	150.00	0.00009	-11.00	150.00	0.00009
-9.00	150.00	0.00009	9.00	150.00	0.00008
11.00	150.00	0.00008	13.00	150.00	0.00008
15.00	150.00	0.00008	17.00	150.00	0.00008
20.00	150.00	0.00008	25.00	150.00	0.00008
30.00	150.00	0.00008	40.00	150.00	0.00008
50.00	150.00	0.00008	60.00	150.00	0.00007
70.00	150.00	0.00007	80.00	150.00	0.00006
90.00	150.00	0.00006	100.00	150.00	0.00006
-100.00	160.00	0.00016	-90.00	160.00	0.00015
-80.00	160.00	0.00014	-70.00	160.00	0.00013
-60.00	160.00	0.00012	-50.00	160.00	0.00011
-40.00	160.00	0.00010	-30.00	160.00	0.00010
-25.00	160.00	0.00009	-20.00	160.00	0.00009
-17.00	160.00	0.00008	-15.00	160.00	0.00008

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-13.00	160.00	0.00008	-11.00	160.00	0.00008
-9.00	160.00	0.00008	9.00	160.00	0.00007
11.00	160.00	0.00007	13.00	160.00	0.00007
15.00	160.00	0.00007	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	0.00007	60.00	160.00	0.00007
70.00	160.00	0.00006	80.00	160.00	0.00006
90.00	160.00	0.00005	100.00	160.00	0.00005
-100.00	170.00	0.00014	-90.00	170.00	0.00013
-80.00	170.00	0.00012	-70.00	170.00	0.00011
-60.00	170.00	0.00010	-50.00	170.00	0.00010
-40.00	170.00	0.00009	-30.00	170.00	0.00008
-25.00	170.00	0.00008	-20.00	170.00	0.00008
-17.00	170.00	0.00007	-15.00	170.00	0.00007
-13.00	170.00	0.00007	-11.00	170.00	0.00007
-9.00	170.00	0.00007	9.00	170.00	0.00006
11.00	170.00	0.00006	13.00	170.00	0.00006
15.00	170.00	0.00006	17.00	170.00	0.00006

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00006	25.00	170.00	0.00006
30.00	170.00	0.00007	40.00	170.00	0.00007
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	0.00012	-90.00	180.00	0.00011
-80.00	180.00	0.00010	-70.00	180.00	0.00010
-60.00	180.00	0.00009	-50.00	180.00	0.00008
-40.00	180.00	0.00008	-30.00	180.00	0.00007
-25.00	180.00	0.00007	-20.00	180.00	0.00007
-17.00	180.00	0.00007	-15.00	180.00	0.00006
-13.00	180.00	0.00006	-11.00	180.00	0.00006
-9.00	180.00	0.00006	9.00	180.00	0.00005
11.00	180.00	0.00005	13.00	180.00	0.00005
15.00	180.00	0.00005	17.00	180.00	0.00006

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00005	-15.00	200.00	0.00005
-13.00	200.00	0.00005	-11.00	200.00	0.00005
-9.00	200.00	0.00005	9.00	200.00	0.00004
11.00	200.00	0.00004	13.00	200.00	0.00004
15.00	200.00	0.00004	17.00	200.00	0.00004
20.00	200.00	0.00004	25.00	200.00	0.00005
30.00	200.00	0.00005	40.00	200.00	0.00005
50.00	200.00	0.00005	60.00	200.00	0.00005
70.00	200.00	0.00004	80.00	200.00	0.00004

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00004	100.00	200.00	0.00004
-100.00	210.00	0.00008	-90.00	210.00	0.00007
-80.00	210.00	0.00007	-70.00	210.00	0.00007
-60.00	210.00	0.00006	-50.00	210.00	0.00006
-40.00	210.00	0.00006	-30.00	210.00	0.00005
-25.00	210.00	0.00005	-20.00	210.00	0.00005
-17.00	210.00	0.00005	-15.00	210.00	0.00005
-13.00	210.00	0.00005	-11.00	210.00	0.00004
-9.00	210.00	0.00004	9.00	210.00	0.00004
11.00	210.00	0.00004	13.00	210.00	0.00004
15.00	210.00	0.00004	17.00	210.00	0.00004
20.00	210.00	0.00004	25.00	210.00	0.00004
30.00	210.00	0.00004	40.00	210.00	0.00004
50.00	210.00	0.00004	60.00	210.00	0.00004
70.00	210.00	0.00004	80.00	210.00	0.00004
90.00	210.00	0.00004	100.00	210.00	0.00003
-100.00	220.00	0.00007	-90.00	220.00	0.00006
-80.00	220.00	0.00006	-70.00	220.00	0.00006
-60.00	220.00	0.00006	-50.00	220.00	0.00005
-40.00	220.00	0.00005	-30.00	220.00	0.00005
-25.00	220.00	0.00005	-20.00	220.00	0.00004
-17.00	220.00	0.00004	-15.00	220.00	0.00004
-13.00	220.00	0.00004	-11.00	220.00	0.00004
-9.00	220.00	0.00004	9.00	220.00	0.00004
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	0.00004
70.00	220.00	0.00004	80.00	220.00	0.00004
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	0.00006	-90.00	230.00	0.00006
-80.00	230.00	0.00006	-70.00	230.00	0.00005
-60.00	230.00	0.00005	-50.00	230.00	0.00005

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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

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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 ,

02NCRA_PL92-300_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 ***

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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	-250.00	0.00015	-90.00	-250.00	0.00016
-80.00	-250.00	0.00017	-70.00	-250.00	0.00019
-60.00	-250.00	0.00020	-50.00	-250.00	0.00021
-40.00	-250.00	0.00022	-30.00	-250.00	0.00024
-25.00	-250.00	0.00025	-20.00	-250.00	0.00026
-17.00	-250.00	0.00027	-15.00	-250.00	0.00027
-13.00	-250.00	0.00028	-11.00	-250.00	0.00029
-9.00	-250.00	0.00029	9.00	-250.00	0.00035
11.00	-250.00	0.00036	13.00	-250.00	0.00037
15.00	-250.00	0.00038	17.00	-250.00	0.00039
20.00	-250.00	0.00040	25.00	-250.00	0.00042
30.00	-250.00	0.00045	40.00	-250.00	0.00050
50.00	-250.00	0.00056	60.00	-250.00	0.00061
70.00	-250.00	0.00065	80.00	-250.00	0.00068
90.00	-250.00	0.00070	100.00	-250.00	0.00071
-100.00	-240.00	0.00015	-90.00	-240.00	0.00017
-80.00	-240.00	0.00019	-70.00	-240.00	0.00020
-60.00	-240.00	0.00022	-50.00	-240.00	0.00023
-40.00	-240.00	0.00024	-30.00	-240.00	0.00026
-25.00	-240.00	0.00027	-20.00	-240.00	0.00029
-17.00	-240.00	0.00030	-15.00	-240.00	0.00031
-13.00	-240.00	0.00031	-11.00	-240.00	0.00032
-9.00	-240.00	0.00033	9.00	-240.00	0.00040
11.00	-240.00	0.00041	13.00	-240.00	0.00042
15.00	-240.00	0.00043	17.00	-240.00	0.00044
20.00	-240.00	0.00046	25.00	-240.00	0.00049

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

30.00	-240.00	0.00052	40.00	-240.00	0.00059
50.00	-240.00	0.00065	60.00	-240.00	0.00071
70.00	-240.00	0.00075	80.00	-240.00	0.00078
90.00	-240.00	0.00080	100.00	-240.00	0.00080
-100.00	-230.00	0.00016	-90.00	-230.00	0.00018
-80.00	-230.00	0.00020	-70.00	-230.00	0.00022
-60.00	-230.00	0.00024	-50.00	-230.00	0.00026
-40.00	-230.00	0.00027	-30.00	-230.00	0.00029
-25.00	-230.00	0.00030	-20.00	-230.00	0.00032
-17.00	-230.00	0.00033	-15.00	-230.00	0.00034
-13.00	-230.00	0.00035	-11.00	-230.00	0.00036
-9.00	-230.00	0.00037	9.00	-230.00	0.00046
11.00	-230.00	0.00047	13.00	-230.00	0.00048
15.00	-230.00	0.00050	17.00	-230.00	0.00051

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

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

09:58:54

**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	0.00053	25.00	-230.00	0.00057
30.00	-230.00	0.00061	40.00	-230.00	0.00069
50.00	-230.00	0.00077	60.00	-230.00	0.00084
70.00	-230.00	0.00088	80.00	-230.00	0.00091
90.00	-230.00	0.00091	100.00	-230.00	0.00091
-100.00	-220.00	0.00017	-90.00	-220.00	0.00019
-80.00	-220.00	0.00021	-70.00	-220.00	0.00024
-60.00	-220.00	0.00026	-50.00	-220.00	0.00029
-40.00	-220.00	0.00031	-30.00	-220.00	0.00033
-25.00	-220.00	0.00034	-20.00	-220.00	0.00036
-17.00	-220.00	0.00037	-15.00	-220.00	0.00038
-13.00	-220.00	0.00039	-11.00	-220.00	0.00041
-9.00	-220.00	0.00042	9.00	-220.00	0.00053
11.00	-220.00	0.00055	13.00	-220.00	0.00056
15.00	-220.00	0.00058	17.00	-220.00	0.00060
20.00	-220.00	0.00063	25.00	-220.00	0.00068
30.00	-220.00	0.00073	40.00	-220.00	0.00083
50.00	-220.00	0.00092	60.00	-220.00	0.00099
70.00	-220.00	0.00103	80.00	-220.00	0.00105
90.00	-220.00	0.00105	100.00	-220.00	0.00103

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-100.00	-210.00	0.00018	-90.00	-210.00	0.00020
-80.00	-210.00	0.00023	-70.00	-210.00	0.00025
-60.00	-210.00	0.00029	-50.00	-210.00	0.00032
-40.00	-210.00	0.00034	-30.00	-210.00	0.00037
-25.00	-210.00	0.00039	-20.00	-210.00	0.00041
-17.00	-210.00	0.00042	-15.00	-210.00	0.00043
-13.00	-210.00	0.00045	-11.00	-210.00	0.00046
-9.00	-210.00	0.00047	9.00	-210.00	0.00062
11.00	-210.00	0.00064	13.00	-210.00	0.00067
15.00	-210.00	0.00069	17.00	-210.00	0.00071
20.00	-210.00	0.00075	25.00	-210.00	0.00081
30.00	-210.00	0.00088	40.00	-210.00	0.00101
50.00	-210.00	0.00112	60.00	-210.00	0.00119
70.00	-210.00	0.00122	80.00	-210.00	0.00123
90.00	-210.00	0.00120	100.00	-210.00	0.00116
-100.00	-200.00	0.00019	-90.00	-200.00	0.00021
-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	0.00039	-30.00	-200.00	0.00042
-25.00	-200.00	0.00044	-20.00	-200.00	0.00046

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

09:58:54
 **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	0.00048	-15.00	-200.00	0.00049
-13.00	-200.00	0.00051	-11.00	-200.00	0.00053
-9.00	-200.00	0.00054	9.00	-200.00	0.00074
11.00	-200.00	0.00077	13.00	-200.00	0.00080
15.00	-200.00	0.00083	17.00	-200.00	0.00086
20.00	-200.00	0.00091	25.00	-200.00	0.00100
30.00	-200.00	0.00109	40.00	-200.00	0.00125
50.00	-200.00	0.00137	60.00	-200.00	0.00143
70.00	-200.00	0.00145	80.00	-200.00	0.00142
90.00	-200.00	0.00137	100.00	-200.00	0.00129
-100.00	-190.00	0.00021	-90.00	-190.00	0.00023
-80.00	-190.00	0.00026	-70.00	-190.00	0.00029
-60.00	-190.00	0.00033	-50.00	-190.00	0.00038
-40.00	-190.00	0.00043	-30.00	-190.00	0.00048

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-25.00	-190.00	0.00050	-20.00	-190.00	0.00053
-17.00	-190.00	0.00055	-15.00	-190.00	0.00057
-13.00	-190.00	0.00058	-11.00	-190.00	0.00061
-9.00	-190.00	0.00063	9.00	-190.00	0.00089
11.00	-190.00	0.00093	13.00	-190.00	0.00098
15.00	-190.00	0.00102	17.00	-190.00	0.00107
20.00	-190.00	0.00114	25.00	-190.00	0.00126
30.00	-190.00	0.00138	40.00	-190.00	0.00157
50.00	-190.00	0.00169	60.00	-190.00	0.00174
70.00	-190.00	0.00171	80.00	-190.00	0.00164
90.00	-190.00	0.00153	100.00	-190.00	0.00141
-100.00	-180.00	0.00022	-90.00	-180.00	0.00025
-80.00	-180.00	0.00028	-70.00	-180.00	0.00032
-60.00	-180.00	0.00036	-50.00	-180.00	0.00042
-40.00	-180.00	0.00048	-30.00	-180.00	0.00055
-25.00	-180.00	0.00058	-20.00	-180.00	0.00061
-17.00	-180.00	0.00064	-15.00	-180.00	0.00065
-13.00	-180.00	0.00068	-11.00	-180.00	0.00070
-9.00	-180.00	0.00073	9.00	-180.00	0.00110
11.00	-180.00	0.00116	13.00	-180.00	0.00122
15.00	-180.00	0.00129	17.00	-180.00	0.00136
20.00	-180.00	0.00146	25.00	-180.00	0.00163
30.00	-180.00	0.00179	40.00	-180.00	0.00201
50.00	-180.00	0.00211	60.00	-180.00	0.00209
70.00	-180.00	0.00199	80.00	-180.00	0.00185
90.00	-180.00	0.00169	100.00	-180.00	0.00153

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

04/20/08

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

09:58:54

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00024	-90.00	-170.00	0.00027
-80.00	-170.00	0.00030	-70.00	-170.00	0.00035
-60.00	-170.00	0.00040	-50.00	-170.00	0.00046
-40.00	-170.00	0.00053	-30.00	-170.00	0.00062
-25.00	-170.00	0.00066	-20.00	-170.00	0.00071
-17.00	-170.00	0.00074	-15.00	-170.00	0.00076
-13.00	-170.00	0.00078	-11.00	-170.00	0.00081
-9.00	-170.00	0.00085	9.00	-170.00	0.00140

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00149	13.00	-170.00	0.00159
15.00	-170.00	0.00170	17.00	-170.00	0.00180
20.00	-170.00	0.00195	25.00	-170.00	0.00219
30.00	-170.00	0.00238	40.00	-170.00	0.00260
50.00	-170.00	0.00260	60.00	-170.00	0.00247
70.00	-170.00	0.00227	80.00	-170.00	0.00204
90.00	-170.00	0.00182	100.00	-170.00	0.00162
-100.00	-160.00	0.00026	-90.00	-160.00	0.00030
-80.00	-160.00	0.00033	-70.00	-160.00	0.00038
-60.00	-160.00	0.00044	-50.00	-160.00	0.00051
-40.00	-160.00	0.00059	-30.00	-160.00	0.00069
-25.00	-160.00	0.00075	-20.00	-160.00	0.00081
-17.00	-160.00	0.00085	-15.00	-160.00	0.00088
-13.00	-160.00	0.00091	-11.00	-160.00	0.00095
-9.00	-160.00	0.00099	9.00	-160.00	0.00186
11.00	-160.00	0.00202	13.00	-160.00	0.00219
15.00	-160.00	0.00235	17.00	-160.00	0.00252
20.00	-160.00	0.00274	25.00	-160.00	0.00304
30.00	-160.00	0.00323	40.00	-160.00	0.00331
50.00	-160.00	0.00312	60.00	-160.00	0.00283
70.00	-160.00	0.00251	80.00	-160.00	0.00220
90.00	-160.00	0.00192	100.00	-160.00	0.00167
-100.00	-150.00	0.00029	-90.00	-150.00	0.00033
-80.00	-150.00	0.00037	-70.00	-150.00	0.00042
-60.00	-150.00	0.00049	-50.00	-150.00	0.00057
-40.00	-150.00	0.00066	-30.00	-150.00	0.00078
-25.00	-150.00	0.00084	-20.00	-150.00	0.00092
-17.00	-150.00	0.00097	-15.00	-150.00	0.00101
-13.00	-150.00	0.00106	-11.00	-150.00	0.00111
-9.00	-150.00	0.00116	9.00	-150.00	0.00272
11.00	-150.00	0.00301	13.00	-150.00	0.00328
15.00	-150.00	0.00354	17.00	-150.00	0.00376

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

09:58:54
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00401	25.00	-150.00	0.00424
30.00	-150.00	0.00427	40.00	-150.00	0.00401

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00357	60.00	-150.00	0.00310
70.00	-150.00	0.00266	80.00	-150.00	0.00228
90.00	-150.00	0.00195	100.00	-150.00	0.00166
-100.00	-140.00	0.00033	-90.00	-140.00	0.00037
-80.00	-140.00	0.00042	-70.00	-140.00	0.00048
-60.00	-140.00	0.00055	-50.00	-140.00	0.00065
-40.00	-140.00	0.00076	-30.00	-140.00	0.00089
-25.00	-140.00	0.00097	-20.00	-140.00	0.00106
-17.00	-140.00	0.00112	-15.00	-140.00	0.00117
-13.00	-140.00	0.00122	-11.00	-140.00	0.00129
-9.00	-140.00	0.00137	9.00	-140.00	0.00469
11.00	-140.00	0.00501	13.00	-140.00	0.00522
15.00	-140.00	0.00536	17.00	-140.00	0.00544
20.00	-140.00	0.00547	25.00	-140.00	0.00535
30.00	-140.00	0.00511	40.00	-140.00	0.00448
50.00	-140.00	0.00382	60.00	-140.00	0.00323
70.00	-140.00	0.00271	80.00	-140.00	0.00228
90.00	-140.00	0.00191	100.00	-140.00	0.00161
-100.00	-130.00	0.00036	-90.00	-130.00	0.00041
-80.00	-130.00	0.00047	-70.00	-130.00	0.00055
-60.00	-130.00	0.00064	-50.00	-130.00	0.00075
-40.00	-130.00	0.00090	-30.00	-130.00	0.00108
-25.00	-130.00	0.00118	-20.00	-130.00	0.00131
-17.00	-130.00	0.00141	-15.00	-130.00	0.00148
-13.00	-130.00	0.00158	-11.00	-130.00	0.00171
-9.00	-130.00	0.00188	9.00	-130.00	0.00607
11.00	-130.00	0.00613	13.00	-130.00	0.00618
15.00	-130.00	0.00619	17.00	-130.00	0.00617
20.00	-130.00	0.00608	25.00	-130.00	0.00580
30.00	-130.00	0.00544	40.00	-130.00	0.00465
50.00	-130.00	0.00388	60.00	-130.00	0.00322
70.00	-130.00	0.00266	80.00	-130.00	0.00220
90.00	-130.00	0.00182	100.00	-130.00	0.00152
-100.00	-120.00	0.00040	-90.00	-120.00	0.00046
-80.00	-120.00	0.00053	-70.00	-120.00	0.00062
-60.00	-120.00	0.00073	-50.00	-120.00	0.00087
-40.00	-120.00	0.00106	-30.00	-120.00	0.00132
-25.00	-120.00	0.00150	-20.00	-120.00	0.00171

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

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

09:58:54
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

02NCRA PL92-300_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	0.00187	-15.00	-120.00	0.00199	
-13.00	-120.00	0.00213	-11.00	-120.00	0.00227	
-9.00	-120.00	0.00245	9.00	-120.00	0.00618	
11.00	-120.00	0.00625	13.00	-120.00	0.00629	
15.00	-120.00	0.00630	17.00	-120.00	0.00627	
20.00	-120.00	0.00616	25.00	-120.00	0.00586	
30.00	-120.00	0.00546	40.00	-120.00	0.00460	
50.00	-120.00	0.00379	60.00	-120.00	0.00309	
70.00	-120.00	0.00252	80.00	-120.00	0.00205	
90.00	-120.00	0.00168	100.00	-120.00	0.00139	
-100.00	-110.00	0.00044	-90.00	-110.00	0.00050	
-80.00	-110.00	0.00059	-70.00	-110.00	0.00069	
-60.00	-110.00	0.00083	-50.00	-110.00	0.00101	
-40.00	-110.00	0.00125	-30.00	-110.00	0.00160	
-25.00	-110.00	0.00182	-20.00	-110.00	0.00205	
-17.00	-110.00	0.00220	-15.00	-110.00	0.00230	
-13.00	-110.00	0.00240	-11.00	-110.00	0.00251	
-9.00	-110.00	0.00264	9.00	-110.00	0.00617	
11.00	-110.00	0.00622	13.00	-110.00	0.00625	
15.00	-110.00	0.00625	17.00	-110.00	0.00621	
20.00	-110.00	0.00608	25.00	-110.00	0.00575	
30.00	-110.00	0.00533	40.00	-110.00	0.00442	
50.00	-110.00	0.00358	60.00	-110.00	0.00287	
70.00	-110.00	0.00230	80.00	-110.00	0.00185	
90.00	-110.00	0.00150	100.00	-110.00	0.00123	
-100.00	-100.00	0.00047	-90.00	-100.00	0.00055	
-80.00	-100.00	0.00065	-70.00	-100.00	0.00077	
-60.00	-100.00	0.00093	-50.00	-100.00	0.00115	
-40.00	-100.00	0.00143	-30.00	-100.00	0.00179	
-25.00	-100.00	0.00200	-20.00	-100.00	0.00220	
-17.00	-100.00	0.00232	-15.00	-100.00	0.00240	
-13.00	-100.00	0.00249	-11.00	-100.00	0.00257	
-9.00	-100.00	0.00268	9.00	-100.00	0.00607	
11.00	-100.00	0.00611	13.00	-100.00	0.00612	
15.00	-100.00	0.00610	17.00	-100.00	0.00604	
20.00	-100.00	0.00589	25.00	-100.00	0.00552	
30.00	-100.00	0.00507	40.00	-100.00	0.00411	
50.00	-100.00	0.00325	60.00	-100.00	0.00255	
70.00	-100.00	0.00201	80.00	-100.00	0.00160	
90.00	-100.00	0.00129	100.00	-100.00	0.00106	

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

*** NCRA Cumulative DPM Impacts

09:58:54

**MODELOPTs:

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

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00050	-90.00	-90.00	0.00059
-80.00	-90.00	0.00070	-70.00	-90.00	0.00085
-60.00	-90.00	0.00103	-50.00	-90.00	0.00126
-40.00	-90.00	0.00155	-30.00	-90.00	0.00188
-25.00	-90.00	0.00206	-20.00	-90.00	0.00223
-17.00	-90.00	0.00233	-15.00	-90.00	0.00240
-13.00	-90.00	0.00247	-11.00	-90.00	0.00255
-9.00	-90.00	0.00265	9.00	-90.00	0.00589
11.00	-90.00	0.00590	13.00	-90.00	0.00589
15.00	-90.00	0.00584	17.00	-90.00	0.00576
20.00	-90.00	0.00557	25.00	-90.00	0.00515
30.00	-90.00	0.00465	40.00	-90.00	0.00366
50.00	-90.00	0.00281	60.00	-90.00	0.00216
70.00	-90.00	0.00168	80.00	-90.00	0.00133
90.00	-90.00	0.00107	100.00	-90.00	0.00088
-100.00	-80.00	0.00053	-90.00	-80.00	0.00063
-80.00	-80.00	0.00075	-70.00	-80.00	0.00091
-60.00	-80.00	0.00110	-50.00	-80.00	0.00133
-40.00	-80.00	0.00161	-30.00	-80.00	0.00190
-25.00	-80.00	0.00204	-20.00	-80.00	0.00219
-17.00	-80.00	0.00228	-15.00	-80.00	0.00234
-13.00	-80.00	0.00240	-11.00	-80.00	0.00247
-9.00	-80.00	0.00255	9.00	-80.00	0.00559
11.00	-80.00	0.00557	13.00	-80.00	0.00552
15.00	-80.00	0.00543	17.00	-80.00	0.00531
20.00	-80.00	0.00507	25.00	-80.00	0.00457
30.00	-80.00	0.00403	40.00	-80.00	0.00303
50.00	-80.00	0.00226	60.00	-80.00	0.00172
70.00	-80.00	0.00134	80.00	-80.00	0.00106
90.00	-80.00	0.00086	100.00	-80.00	0.00071
-100.00	-70.00	0.00056	-90.00	-70.00	0.00066
-80.00	-70.00	0.00079	-70.00	-70.00	0.00094
-60.00	-70.00	0.00113	-50.00	-70.00	0.00136
-40.00	-70.00	0.00161	-30.00	-70.00	0.00186

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-25.00	-70.00	0.00199	-20.00	-70.00	0.00211
-17.00	-70.00	0.00218	-15.00	-70.00	0.00223
-13.00	-70.00	0.00228	-11.00	-70.00	0.00234
-9.00	-70.00	0.00241	9.00	-70.00	0.00511
11.00	-70.00	0.00501	13.00	-70.00	0.00490
15.00	-70.00	0.00475	17.00	-70.00	0.00457

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

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

09:58:54

**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	0.00425	25.00	-70.00	0.00368
30.00	-70.00	0.00312	40.00	-70.00	0.00225
50.00	-70.00	0.00166	60.00	-70.00	0.00127
70.00	-70.00	0.00100	80.00	-70.00	0.00081
90.00	-70.00	0.00066	100.00	-70.00	0.00056
-100.00	-60.00	0.00058	-90.00	-60.00	0.00068
-80.00	-60.00	0.00080	-70.00	-60.00	0.00095
-60.00	-60.00	0.00113	-50.00	-60.00	0.00134
-40.00	-60.00	0.00156	-30.00	-60.00	0.00179
-25.00	-60.00	0.00190	-20.00	-60.00	0.00200
-17.00	-60.00	0.00206	-15.00	-60.00	0.00209
-13.00	-60.00	0.00213	-11.00	-60.00	0.00217
-9.00	-60.00	0.00223	9.00	-60.00	0.00422
11.00	-60.00	0.00399	13.00	-60.00	0.00376
15.00	-60.00	0.00352	17.00	-60.00	0.00327
20.00	-60.00	0.00292	25.00	-60.00	0.00241
30.00	-60.00	0.00201	40.00	-60.00	0.00146
50.00	-60.00	0.00111	60.00	-60.00	0.00088
70.00	-60.00	0.00072	80.00	-60.00	0.00060
90.00	-60.00	0.00051	100.00	-60.00	0.00044
-100.00	-50.00	0.00058	-90.00	-50.00	0.00068
-80.00	-50.00	0.00079	-70.00	-50.00	0.00093
-60.00	-50.00	0.00109	-50.00	-50.00	0.00127
-40.00	-50.00	0.00147	-30.00	-50.00	0.00167
-25.00	-50.00	0.00176	-20.00	-50.00	0.00185
-17.00	-50.00	0.00189	-15.00	-50.00	0.00192
-13.00	-50.00	0.00194	-11.00	-50.00	0.00196
-9.00	-50.00	0.00199	9.00	-50.00	0.00219

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

11.00	-50.00	0.00194	13.00	-50.00	0.00176
15.00	-50.00	0.00163	17.00	-50.00	0.00152
20.00	-50.00	0.00139	25.00	-50.00	0.00122
30.00	-50.00	0.00108	40.00	-50.00	0.00087
50.00	-50.00	0.00072	60.00	-50.00	0.00061
70.00	-50.00	0.00052	80.00	-50.00	0.00045
90.00	-50.00	0.00039	100.00	-50.00	0.00034
-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	0.00102	-50.00	-40.00	0.00116
-40.00	-40.00	0.00131	-30.00	-40.00	0.00146
-25.00	-40.00	0.00152	-20.00	-40.00	0.00156

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

09:58:54

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00157	-15.00	-40.00	0.00156
-13.00	-40.00	0.00154	-11.00	-40.00	0.00150
-9.00	-40.00	0.00143	9.00	-40.00	0.00073
11.00	-40.00	0.00072	13.00	-40.00	0.00071
15.00	-40.00	0.00071	17.00	-40.00	0.00070
20.00	-40.00	0.00068	25.00	-40.00	0.00065
30.00	-40.00	0.00061	40.00	-40.00	0.00054
50.00	-40.00	0.00048	60.00	-40.00	0.00043
70.00	-40.00	0.00038	80.00	-40.00	0.00034
90.00	-40.00	0.00030	100.00	-40.00	0.00027
-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	0.00092	-50.00	-30.00	0.00103
-40.00	-30.00	0.00112	-30.00	-30.00	0.00117
-25.00	-30.00	0.00116	-20.00	-30.00	0.00111
-17.00	-30.00	0.00105	-15.00	-30.00	0.00100
-13.00	-30.00	0.00093	-11.00	-30.00	0.00087
-9.00	-30.00	0.00080	9.00	-30.00	0.00050
11.00	-30.00	0.00049	13.00	-30.00	0.00048
15.00	-30.00	0.00047	17.00	-30.00	0.00046
20.00	-30.00	0.00045	25.00	-30.00	0.00043
30.00	-30.00	0.00041	40.00	-30.00	0.00038

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

50.00	-30.00	0.00034	60.00	-30.00	0.00031
70.00	-30.00	0.00029	80.00	-30.00	0.00026
90.00	-30.00	0.00024	100.00	-30.00	0.00022
-100.00	-20.00	0.00053	-90.00	-20.00	0.00059
-80.00	-20.00	0.00066	-70.00	-20.00	0.00074
-60.00	-20.00	0.00081	-50.00	-20.00	0.00086
-40.00	-20.00	0.00089	-30.00	-20.00	0.00084
-25.00	-20.00	0.00079	-20.00	-20.00	0.00071
-17.00	-20.00	0.00065	-15.00	-20.00	0.00062
-13.00	-20.00	0.00058	-11.00	-20.00	0.00055
-9.00	-20.00	0.00052	9.00	-20.00	0.00037
11.00	-20.00	0.00037	13.00	-20.00	0.00037
15.00	-20.00	0.00036	17.00	-20.00	0.00035
20.00	-20.00	0.00034	25.00	-20.00	0.00033
30.00	-20.00	0.00031	40.00	-20.00	0.00028
50.00	-20.00	0.00026	60.00	-20.00	0.00024
70.00	-20.00	0.00023	80.00	-20.00	0.00021
90.00	-20.00	0.00019	100.00	-20.00	0.00018

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

09:58:54
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00050	-90.00	-10.00	0.00055
-80.00	-10.00	0.00060	-70.00	-10.00	0.00064
-60.00	-10.00	0.00067	-50.00	-10.00	0.00069
-40.00	-10.00	0.00066	-30.00	-10.00	0.00058
-25.00	-10.00	0.00053	-20.00	-10.00	0.00047
-17.00	-10.00	0.00044	-15.00	-10.00	0.00042
-13.00	-10.00	0.00041	-11.00	-10.00	0.00039
-9.00	-10.00	0.00037	9.00	-10.00	0.00029
11.00	-10.00	0.00029	13.00	-10.00	0.00029
15.00	-10.00	0.00028	17.00	-10.00	0.00028
20.00	-10.00	0.00027	25.00	-10.00	0.00026
30.00	-10.00	0.00025	40.00	-10.00	0.00022
50.00	-10.00	0.00021	60.00	-10.00	0.00019
70.00	-10.00	0.00018	80.00	-10.00	0.00017
90.00	-10.00	0.00016	100.00	-10.00	0.00015
-100.00	0.00	0.00045	-90.00	0.00	0.00049

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-80.00	0.00	0.00052	-70.00	0.00	0.00054
-60.00	0.00	0.00055	-50.00	0.00	0.00053
-40.00	0.00	0.00048	-30.00	0.00	0.00041
-25.00	0.00	0.00038	-20.00	0.00	0.00034
-17.00	0.00	0.00033	-15.00	0.00	0.00031
-13.00	0.00	0.00030	-11.00	0.00	0.00029
-9.00	0.00	0.00028	9.00	0.00	0.00022
11.00	0.00	0.00023	13.00	0.00	0.00023
15.00	0.00	0.00023	17.00	0.00	0.00023
20.00	0.00	0.00022	25.00	0.00	0.00022
30.00	0.00	0.00020	40.00	0.00	0.00018
50.00	0.00	0.00017	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	0.00041	-90.00	10.00	0.00043
-80.00	10.00	0.00044	-70.00	10.00	0.00044
-60.00	10.00	0.00043	-50.00	10.00	0.00040
-40.00	10.00	0.00035	-30.00	10.00	0.00030
-25.00	10.00	0.00028	-20.00	10.00	0.00026
-17.00	10.00	0.00025	-15.00	10.00	0.00024
-13.00	10.00	0.00023	-11.00	10.00	0.00023
-9.00	10.00	0.00022	9.00	10.00	0.00018
11.00	10.00	0.00018	13.00	10.00	0.00018
15.00	10.00	0.00019	17.00	10.00	0.00019

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

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

09:58:54

**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	0.00019	25.00	10.00	0.00018
30.00	10.00	0.00017	40.00	10.00	0.00016
50.00	10.00	0.00014	60.00	10.00	0.00013
70.00	10.00	0.00013	80.00	10.00	0.00012
90.00	10.00	0.00012	100.00	10.00	0.00011
-100.00	20.00	0.00036	-90.00	20.00	0.00037
-80.00	20.00	0.00037	-70.00	20.00	0.00036
-60.00	20.00	0.00034	-50.00	20.00	0.00030
-40.00	20.00	0.00027	-30.00	20.00	0.00024
-25.00	20.00	0.00022	-20.00	20.00	0.00021

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-17.00	20.00	0.00020	-15.00	20.00	0.00019
-13.00	20.00	0.00019	-11.00	20.00	0.00018
-9.00	20.00	0.00017	9.00	20.00	0.00015
11.00	20.00	0.00015	13.00	20.00	0.00015
15.00	20.00	0.00015	17.00	20.00	0.00015
20.00	20.00	0.00015	25.00	20.00	0.00015
30.00	20.00	0.00015	40.00	20.00	0.00014
50.00	20.00	0.00012	60.00	20.00	0.00011
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	0.00031	-90.00	30.00	0.00031
-80.00	30.00	0.00030	-70.00	30.00	0.00029
-60.00	30.00	0.00026	-50.00	30.00	0.00024
-40.00	30.00	0.00021	-30.00	30.00	0.00019
-25.00	30.00	0.00018	-20.00	30.00	0.00017
-17.00	30.00	0.00016	-15.00	30.00	0.00016
-13.00	30.00	0.00015	-11.00	30.00	0.00015
-9.00	30.00	0.00014	9.00	30.00	0.00012
11.00	30.00	0.00012	13.00	30.00	0.00013
15.00	30.00	0.00013	17.00	30.00	0.00013
20.00	30.00	0.00013	25.00	30.00	0.00013
30.00	30.00	0.00013	40.00	30.00	0.00012
50.00	30.00	0.00011	60.00	30.00	0.00010
70.00	30.00	0.00009	80.00	30.00	0.00009
90.00	30.00	0.00008	100.00	30.00	0.00008
-100.00	40.00	0.00027	-90.00	40.00	0.00026
-80.00	40.00	0.00025	-70.00	40.00	0.00023
-60.00	40.00	0.00021	-50.00	40.00	0.00019
-40.00	40.00	0.00017	-30.00	40.00	0.00016
-25.00	40.00	0.00015	-20.00	40.00	0.00014

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

09:58:54
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00014	-15.00	40.00	0.00013
-13.00	40.00	0.00013	-11.00	40.00	0.00012
-9.00	40.00	0.00012	9.00	40.00	0.00010
11.00	40.00	0.00011	13.00	40.00	0.00011

02NCRA_PL92-300_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	0.00011
30.00	40.00	0.00011	40.00	40.00	0.00011
50.00	40.00	0.00010	60.00	40.00	0.00009
70.00	40.00	0.00008	80.00	40.00	0.00008
90.00	40.00	0.00007	100.00	40.00	0.00007
-100.00	50.00	0.00023	-90.00	50.00	0.00022
-80.00	50.00	0.00020	-70.00	50.00	0.00019
-60.00	50.00	0.00017	-50.00	50.00	0.00016
-40.00	50.00	0.00014	-30.00	50.00	0.00013
-25.00	50.00	0.00013	-20.00	50.00	0.00012
-17.00	50.00	0.00011	-15.00	50.00	0.00011
-13.00	50.00	0.00011	-11.00	50.00	0.00011
-9.00	50.00	0.00010	9.00	50.00	0.00009
11.00	50.00	0.00009	13.00	50.00	0.00009
15.00	50.00	0.00009	17.00	50.00	0.00009
20.00	50.00	0.00009	25.00	50.00	0.00010
30.00	50.00	0.00010	40.00	50.00	0.00009
50.00	50.00	0.00009	60.00	50.00	0.00008
70.00	50.00	0.00007	80.00	50.00	0.00007
90.00	50.00	0.00007	100.00	50.00	0.00006
-100.00	60.00	0.00019	-90.00	60.00	0.00018
-80.00	60.00	0.00017	-70.00	60.00	0.00016
-60.00	60.00	0.00014	-50.00	60.00	0.00013
-40.00	60.00	0.00012	-30.00	60.00	0.00011
-25.00	60.00	0.00011	-20.00	60.00	0.00010
-17.00	60.00	0.00010	-15.00	60.00	0.00010
-13.00	60.00	0.00009	-11.00	60.00	0.00009
-9.00	60.00	0.00009	9.00	60.00	0.00008
11.00	60.00	0.00008	13.00	60.00	0.00008
15.00	60.00	0.00008	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	0.00008
50.00	60.00	0.00008	60.00	60.00	0.00007
70.00	60.00	0.00007	80.00	60.00	0.00006
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 ***

09:58:54

**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 ***

02NCRA PL92-300 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	0.00016	-90.00	70.00	0.00015
-80.00	70.00	0.00014	-70.00	70.00	0.00013
-60.00	70.00	0.00012	-50.00	70.00	0.00011
-40.00	70.00	0.00010	-30.00	70.00	0.00010
-25.00	70.00	0.00009	-20.00	70.00	0.00009
-17.00	70.00	0.00008	-15.00	70.00	0.00008
-13.00	70.00	0.00008	-11.00	70.00	0.00008
-9.00	70.00	0.00008	9.00	70.00	0.00007
11.00	70.00	0.00007	13.00	70.00	0.00007
15.00	70.00	0.00007	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	0.00007	60.00	70.00	0.00007
70.00	70.00	0.00006	80.00	70.00	0.00006
90.00	70.00	0.00005	100.00	70.00	0.00005
-100.00	80.00	0.00014	-90.00	80.00	0.00013
-80.00	80.00	0.00012	-70.00	80.00	0.00011
-60.00	80.00	0.00010	-50.00	80.00	0.00010
-40.00	80.00	0.00009	-30.00	80.00	0.00008
-25.00	80.00	0.00008	-20.00	80.00	0.00008
-17.00	80.00	0.00007	-15.00	80.00	0.00007
-13.00	80.00	0.00007	-11.00	80.00	0.00007
-9.00	80.00	0.00007	9.00	80.00	0.00006
11.00	80.00	0.00006	13.00	80.00	0.00006
15.00	80.00	0.00006	17.00	80.00	0.00006
20.00	80.00	0.00006	25.00	80.00	0.00006
30.00	80.00	0.00007	40.00	80.00	0.00007
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	0.00012	-90.00	90.00	0.00011
-80.00	90.00	0.00010	-70.00	90.00	0.00010
-60.00	90.00	0.00009	-50.00	90.00	0.00008
-40.00	90.00	0.00008	-30.00	90.00	0.00007
-25.00	90.00	0.00007	-20.00	90.00	0.00007
-17.00	90.00	0.00007	-15.00	90.00	0.00006
-13.00	90.00	0.00006	-11.00	90.00	0.00006
-9.00	90.00	0.00006	9.00	90.00	0.00005
11.00	90.00	0.00005	13.00	90.00	0.00005
15.00	90.00	0.00005	17.00	90.00	0.00006

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

*** NCRA Cumulative DPM Impacts

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

09:58:54

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-80.00	120.00	0.00007	-70.00	120.00	0.00007
-60.00	120.00	0.00006	-50.00	120.00	0.00006
-40.00	120.00	0.00006	-30.00	120.00	0.00005
-25.00	120.00	0.00005	-20.00	120.00	0.00005

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

09:58:54

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00005	-15.00	120.00	0.00005
-13.00	120.00	0.00005	-11.00	120.00	0.00004
-9.00	120.00	0.00004	9.00	120.00	0.00004
11.00	120.00	0.00004	13.00	120.00	0.00004
15.00	120.00	0.00004	17.00	120.00	0.00004
20.00	120.00	0.00004	25.00	120.00	0.00004
30.00	120.00	0.00004	40.00	120.00	0.00004
50.00	120.00	0.00004	60.00	120.00	0.00004
70.00	120.00	0.00004	80.00	120.00	0.00004
90.00	120.00	0.00004	100.00	120.00	0.00003
-100.00	130.00	0.00007	-90.00	130.00	0.00006
-80.00	130.00	0.00006	-70.00	130.00	0.00006
-60.00	130.00	0.00006	-50.00	130.00	0.00005
-40.00	130.00	0.00005	-30.00	130.00	0.00005
-25.00	130.00	0.00005	-20.00	130.00	0.00004
-17.00	130.00	0.00004	-15.00	130.00	0.00004
-13.00	130.00	0.00004	-11.00	130.00	0.00004
-9.00	130.00	0.00004	9.00	130.00	0.00004
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	0.00004
70.00	130.00	0.00004	80.00	130.00	0.00004
90.00	130.00	0.00003	100.00	130.00	0.00003
-100.00	140.00	0.00006	-90.00	140.00	0.00006
-80.00	140.00	0.00006	-70.00	140.00	0.00005
-60.00	140.00	0.00005	-50.00	140.00	0.00005
-40.00	140.00	0.00005	-30.00	140.00	0.00004
-25.00	140.00	0.00004	-20.00	140.00	0.00004

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00005	-90.00	150.00	0.00005
-80.00	150.00	0.00005	-70.00	150.00	0.00005
-60.00	150.00	0.00005	-50.00	150.00	0.00004
-40.00	150.00	0.00004	-30.00	150.00	0.00004
-25.00	150.00	0.00004	-20.00	150.00	0.00004
-17.00	150.00	0.00004	-15.00	150.00	0.00003
-13.00	150.00	0.00003	-11.00	150.00	0.00003
-9.00	150.00	0.00003	9.00	150.00	0.00003
11.00	150.00	0.00003	13.00	150.00	0.00003
15.00	150.00	0.00003	17.00	150.00	0.00003
20.00	150.00	0.00003	25.00	150.00	0.00003
30.00	150.00	0.00003	40.00	150.00	0.00003
50.00	150.00	0.00003	60.00	150.00	0.00003
70.00	150.00	0.00003	80.00	150.00	0.00003
90.00	150.00	0.00003	100.00	150.00	0.00003
-100.00	160.00	0.00005	-90.00	160.00	0.00005
-80.00	160.00	0.00005	-70.00	160.00	0.00004
-60.00	160.00	0.00004	-50.00	160.00	0.00004
-40.00	160.00	0.00004	-30.00	160.00	0.00004
-25.00	160.00	0.00003	-20.00	160.00	0.00003
-17.00	160.00	0.00003	-15.00	160.00	0.00003
-13.00	160.00	0.00003	-11.00	160.00	0.00003
-9.00	160.00	0.00003	9.00	160.00	0.00003
11.00	160.00	0.00003	13.00	160.00	0.00003

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

09:58:54

**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	0.00003	80.00	170.00	0.00003
90.00	170.00	0.00003	100.00	170.00	0.00003
-100.00	180.00	0.00004	-90.00	180.00	0.00004
-80.00	180.00	0.00004	-70.00	180.00	0.00004
-60.00	180.00	0.00004	-50.00	180.00	0.00003
-40.00	180.00	0.00003	-30.00	180.00	0.00003
-25.00	180.00	0.00003	-20.00	180.00	0.00003
-17.00	180.00	0.00003	-15.00	180.00	0.00003
-13.00	180.00	0.00003	-11.00	180.00	0.00003
-9.00	180.00	0.00003	9.00	180.00	0.00002
11.00	180.00	0.00002	13.00	180.00	0.00002
15.00	180.00	0.00002	17.00	180.00	0.00002
20.00	180.00	0.00002	25.00	180.00	0.00002
30.00	180.00	0.00002	40.00	180.00	0.00003
50.00	180.00	0.00003	60.00	180.00	0.00003

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

09:58:54
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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

09:58:54
 **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	0.00003	-90.00	230.00	0.00003
-80.00	230.00	0.00003	-70.00	230.00	0.00003
-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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-13.00	230.00	0.00002	-11.00	230.00	0.00002
-9.00	230.00	0.00002	9.00	230.00	0.00002
11.00	230.00	0.00002	13.00	230.00	0.00002
15.00	230.00	0.00002	17.00	230.00	0.00002
20.00	230.00	0.00002	25.00	230.00	0.00002
30.00	230.00	0.00002	40.00	230.00	0.00002
50.00	230.00	0.00002	60.00	230.00	0.00002
70.00	230.00	0.00002	80.00	230.00	0.00002
90.00	230.00	0.00002	100.00	230.00	0.00002
-100.00	240.00	0.00003	-90.00	240.00	0.00003
-80.00	240.00	0.00002	-70.00	240.00	0.00002
-60.00	240.00	0.00002	-50.00	240.00	0.00002
-40.00	240.00	0.00002	-30.00	240.00	0.00002
-25.00	240.00	0.00002	-20.00	240.00	0.00002
-17.00	240.00	0.00002	-15.00	240.00	0.00002
-13.00	240.00	0.00002	-11.00	240.00	0.00002
-9.00	240.00	0.00002	9.00	240.00	0.00002
11.00	240.00	0.00002	13.00	240.00	0.00002
15.00	240.00	0.00002	17.00	240.00	0.00002
20.00	240.00	0.00002	25.00	240.00	0.00002
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	0.00002	-90.00	250.00	0.00002
-80.00	250.00	0.00002	-70.00	250.00	0.00002
-60.00	250.00	0.00002	-50.00	250.00	0.00002
-40.00	250.00	0.00002	-30.00	250.00	0.00002
-25.00	250.00	0.00002	-20.00	250.00	0.00002
-17.00	250.00	0.00002	-15.00	250.00	0.00002
-13.00	250.00	0.00002	-11.00	250.00	0.00002
-9.00	250.00	0.00002	9.00	250.00	0.00002
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 ***

09:58:54

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

09:58:54
 **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	0.00026	-90.00	-250.00	0.00030
-80.00	-250.00	0.00033	-70.00	-250.00	0.00038
-60.00	-250.00	0.00044	-50.00	-250.00	0.00051
-40.00	-250.00	0.00059	-30.00	-250.00	0.00069
-25.00	-250.00	0.00075	-20.00	-250.00	0.00081
-17.00	-250.00	0.00085	-15.00	-250.00	0.00088
-13.00	-250.00	0.00091	-11.00	-250.00	0.00095
-9.00	-250.00	0.00099	9.00	-250.00	0.00186
11.00	-250.00	0.00202	13.00	-250.00	0.00219
15.00	-250.00	0.00235	17.00	-250.00	0.00252
20.00	-250.00	0.00274	25.00	-250.00	0.00304
30.00	-250.00	0.00323	40.00	-250.00	0.00331
50.00	-250.00	0.00312	60.00	-250.00	0.00283
70.00	-250.00	0.00251	80.00	-250.00	0.00220
90.00	-250.00	0.00192	100.00	-250.00	0.00167
-100.00	-240.00	0.00029	-90.00	-240.00	0.00033
-80.00	-240.00	0.00037	-70.00	-240.00	0.00042
-60.00	-240.00	0.00049	-50.00	-240.00	0.00057
-40.00	-240.00	0.00066	-30.00	-240.00	0.00078
-25.00	-240.00	0.00084	-20.00	-240.00	0.00092
-17.00	-240.00	0.00097	-15.00	-240.00	0.00101
-13.00	-240.00	0.00106	-11.00	-240.00	0.00111
-9.00	-240.00	0.00116	9.00	-240.00	0.00272
11.00	-240.00	0.00301	13.00	-240.00	0.00328
15.00	-240.00	0.00354	17.00	-240.00	0.00376
20.00	-240.00	0.00401	25.00	-240.00	0.00424
30.00	-240.00	0.00427	40.00	-240.00	0.00401
50.00	-240.00	0.00357	60.00	-240.00	0.00310
70.00	-240.00	0.00266	80.00	-240.00	0.00228

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

90.00	-240.00	0.00195	100.00	-240.00	0.00166
-100.00	-230.00	0.00033	-90.00	-230.00	0.00037
-80.00	-230.00	0.00042	-70.00	-230.00	0.00048
-60.00	-230.00	0.00055	-50.00	-230.00	0.00065
-40.00	-230.00	0.00076	-30.00	-230.00	0.00089
-25.00	-230.00	0.00097	-20.00	-230.00	0.00106
-17.00	-230.00	0.00112	-15.00	-230.00	0.00117
-13.00	-230.00	0.00122	-11.00	-230.00	0.00129
-9.00	-230.00	0.00137	9.00	-230.00	0.00469
11.00	-230.00	0.00501	13.00	-230.00	0.00522
15.00	-230.00	0.00536	17.00	-230.00	0.00544

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

09:58:54
 **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	0.00547	25.00	-230.00	0.00535
30.00	-230.00	0.00511	40.00	-230.00	0.00448
50.00	-230.00	0.00382	60.00	-230.00	0.00323
70.00	-230.00	0.00271	80.00	-230.00	0.00228
90.00	-230.00	0.00191	100.00	-230.00	0.00161
-100.00	-220.00	0.00036	-90.00	-220.00	0.00041
-80.00	-220.00	0.00047	-70.00	-220.00	0.00055
-60.00	-220.00	0.00064	-50.00	-220.00	0.00075
-40.00	-220.00	0.00090	-30.00	-220.00	0.00108
-25.00	-220.00	0.00118	-20.00	-220.00	0.00131
-17.00	-220.00	0.00141	-15.00	-220.00	0.00148
-13.00	-220.00	0.00158	-11.00	-220.00	0.00171
-9.00	-220.00	0.00188	9.00	-220.00	0.00607
11.00	-220.00	0.00613	13.00	-220.00	0.00618
15.00	-220.00	0.00619	17.00	-220.00	0.00617
20.00	-220.00	0.00608	25.00	-220.00	0.00580
30.00	-220.00	0.00544	40.00	-220.00	0.00465
50.00	-220.00	0.00388	60.00	-220.00	0.00322
70.00	-220.00	0.00266	80.00	-220.00	0.00220
90.00	-220.00	0.00182	100.00	-220.00	0.00152
-100.00	-210.00	0.00040	-90.00	-210.00	0.00046
-80.00	-210.00	0.00053	-70.00	-210.00	0.00062
-60.00	-210.00	0.00073	-50.00	-210.00	0.00087

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-40.00	-210.00	0.00106	-30.00	-210.00	0.00132
-25.00	-210.00	0.00150	-20.00	-210.00	0.00171
-17.00	-210.00	0.00187	-15.00	-210.00	0.00199
-13.00	-210.00	0.00213	-11.00	-210.00	0.00227
-9.00	-210.00	0.00245	9.00	-210.00	0.00618
11.00	-210.00	0.00625	13.00	-210.00	0.00629
15.00	-210.00	0.00630	17.00	-210.00	0.00627
20.00	-210.00	0.00616	25.00	-210.00	0.00586
30.00	-210.00	0.00546	40.00	-210.00	0.00460
50.00	-210.00	0.00379	60.00	-210.00	0.00309
70.00	-210.00	0.00252	80.00	-210.00	0.00205
90.00	-210.00	0.00168	100.00	-210.00	0.00139
-100.00	-200.00	0.00044	-90.00	-200.00	0.00050
-80.00	-200.00	0.00059	-70.00	-200.00	0.00069
-60.00	-200.00	0.00083	-50.00	-200.00	0.00101
-40.00	-200.00	0.00125	-30.00	-200.00	0.00160
-25.00	-200.00	0.00182	-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 ***

09:58:54

**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	0.00220	-15.00	-200.00	0.00230
-13.00	-200.00	0.00240	-11.00	-200.00	0.00251
-9.00	-200.00	0.00264	9.00	-200.00	0.00617
11.00	-200.00	0.00622	13.00	-200.00	0.00625
15.00	-200.00	0.00625	17.00	-200.00	0.00621
20.00	-200.00	0.00608	25.00	-200.00	0.00575
30.00	-200.00	0.00533	40.00	-200.00	0.00442
50.00	-200.00	0.00358	60.00	-200.00	0.00287
70.00	-200.00	0.00230	80.00	-200.00	0.00185
90.00	-200.00	0.00150	100.00	-200.00	0.00123
-100.00	-190.00	0.00047	-90.00	-190.00	0.00055
-80.00	-190.00	0.00065	-70.00	-190.00	0.00077
-60.00	-190.00	0.00093	-50.00	-190.00	0.00115
-40.00	-190.00	0.00143	-30.00	-190.00	0.00179
-25.00	-190.00	0.00200	-20.00	-190.00	0.00220
-17.00	-190.00	0.00232	-15.00	-190.00	0.00240
-13.00	-190.00	0.00249	-11.00	-190.00	0.00257

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-9.00	-190.00	0.00268	9.00	-190.00	0.00607
11.00	-190.00	0.00611	13.00	-190.00	0.00612
15.00	-190.00	0.00610	17.00	-190.00	0.00604
20.00	-190.00	0.00589	25.00	-190.00	0.00552
30.00	-190.00	0.00507	40.00	-190.00	0.00411
50.00	-190.00	0.00325	60.00	-190.00	0.00255
70.00	-190.00	0.00201	80.00	-190.00	0.00160
90.00	-190.00	0.00129	100.00	-190.00	0.00106
-100.00	-180.00	0.00050	-90.00	-180.00	0.00059
-80.00	-180.00	0.00070	-70.00	-180.00	0.00085
-60.00	-180.00	0.00103	-50.00	-180.00	0.00126
-40.00	-180.00	0.00155	-30.00	-180.00	0.00188
-25.00	-180.00	0.00206	-20.00	-180.00	0.00223
-17.00	-180.00	0.00233	-15.00	-180.00	0.00240
-13.00	-180.00	0.00247	-11.00	-180.00	0.00255
-9.00	-180.00	0.00265	9.00	-180.00	0.00589
11.00	-180.00	0.00590	13.00	-180.00	0.00589
15.00	-180.00	0.00584	17.00	-180.00	0.00576
20.00	-180.00	0.00557	25.00	-180.00	0.00515
30.00	-180.00	0.00465	40.00	-180.00	0.00366
50.00	-180.00	0.00281	60.00	-180.00	0.00216
70.00	-180.00	0.00168	80.00	-180.00	0.00133
90.00	-180.00	0.00107	100.00	-180.00	0.00088

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

09:58:54
 **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	0.00053	-90.00	-170.00	0.00063
-80.00	-170.00	0.00075	-70.00	-170.00	0.00091
-60.00	-170.00	0.00110	-50.00	-170.00	0.00133
-40.00	-170.00	0.00161	-30.00	-170.00	0.00190
-25.00	-170.00	0.00204	-20.00	-170.00	0.00219
-17.00	-170.00	0.00228	-15.00	-170.00	0.00234
-13.00	-170.00	0.00240	-11.00	-170.00	0.00247
-9.00	-170.00	0.00255	9.00	-170.00	0.00559
11.00	-170.00	0.00557	13.00	-170.00	0.00552
15.00	-170.00	0.00543	17.00	-170.00	0.00531
20.00	-170.00	0.00507	25.00	-170.00	0.00457

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

30.00	-170.00	0.00403	40.00	-170.00	0.00303
50.00	-170.00	0.00226	60.00	-170.00	0.00172
70.00	-170.00	0.00134	80.00	-170.00	0.00106
90.00	-170.00	0.00086	100.00	-170.00	0.00071
-100.00	-160.00	0.00056	-90.00	-160.00	0.00066
-80.00	-160.00	0.00079	-70.00	-160.00	0.00094
-60.00	-160.00	0.00113	-50.00	-160.00	0.00136
-40.00	-160.00	0.00161	-30.00	-160.00	0.00186
-25.00	-160.00	0.00199	-20.00	-160.00	0.00211
-17.00	-160.00	0.00218	-15.00	-160.00	0.00223
-13.00	-160.00	0.00228	-11.00	-160.00	0.00234
-9.00	-160.00	0.00241	9.00	-160.00	0.00511
11.00	-160.00	0.00501	13.00	-160.00	0.00490
15.00	-160.00	0.00475	17.00	-160.00	0.00457
20.00	-160.00	0.00425	25.00	-160.00	0.00368
30.00	-160.00	0.00312	40.00	-160.00	0.00225
50.00	-160.00	0.00166	60.00	-160.00	0.00127
70.00	-160.00	0.00100	80.00	-160.00	0.00081
90.00	-160.00	0.00066	100.00	-160.00	0.00056
-100.00	-150.00	0.00058	-90.00	-150.00	0.00068
-80.00	-150.00	0.00080	-70.00	-150.00	0.00095
-60.00	-150.00	0.00113	-50.00	-150.00	0.00134
-40.00	-150.00	0.00156	-30.00	-150.00	0.00179
-25.00	-150.00	0.00190	-20.00	-150.00	0.00200
-17.00	-150.00	0.00206	-15.00	-150.00	0.00209
-13.00	-150.00	0.00213	-11.00	-150.00	0.00217
-9.00	-150.00	0.00223	9.00	-150.00	0.00422
11.00	-150.00	0.00399	13.00	-150.00	0.00376
15.00	-150.00	0.00352	17.00	-150.00	0.00327

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

09:58:54
 **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	0.00292	25.00	-150.00	0.00241
30.00	-150.00	0.00201	40.00	-150.00	0.00146
50.00	-150.00	0.00111	60.00	-150.00	0.00088
70.00	-150.00	0.00072	80.00	-150.00	0.00060
90.00	-150.00	0.00051	100.00	-150.00	0.00044

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-100.00	-140.00	0.00058	-90.00	-140.00	0.00068
-80.00	-140.00	0.00079	-70.00	-140.00	0.00093
-60.00	-140.00	0.00109	-50.00	-140.00	0.00127
-40.00	-140.00	0.00147	-30.00	-140.00	0.00167
-25.00	-140.00	0.00176	-20.00	-140.00	0.00185
-17.00	-140.00	0.00189	-15.00	-140.00	0.00192
-13.00	-140.00	0.00194	-11.00	-140.00	0.00196
-9.00	-140.00	0.00199	9.00	-140.00	0.00219
11.00	-140.00	0.00194	13.00	-140.00	0.00176
15.00	-140.00	0.00163	17.00	-140.00	0.00152
20.00	-140.00	0.00139	25.00	-140.00	0.00122
30.00	-140.00	0.00108	40.00	-140.00	0.00087
50.00	-140.00	0.00072	60.00	-140.00	0.00061
70.00	-140.00	0.00052	80.00	-140.00	0.00045
90.00	-140.00	0.00039	100.00	-140.00	0.00034
-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	0.00102	-50.00	-130.00	0.00116
-40.00	-130.00	0.00131	-30.00	-130.00	0.00146
-25.00	-130.00	0.00152	-20.00	-130.00	0.00156
-17.00	-130.00	0.00157	-15.00	-130.00	0.00156
-13.00	-130.00	0.00154	-11.00	-130.00	0.00150
-9.00	-130.00	0.00143	9.00	-130.00	0.00073
11.00	-130.00	0.00072	13.00	-130.00	0.00071
15.00	-130.00	0.00071	17.00	-130.00	0.00070
20.00	-130.00	0.00068	25.00	-130.00	0.00065
30.00	-130.00	0.00061	40.00	-130.00	0.00054
50.00	-130.00	0.00048	60.00	-130.00	0.00043
70.00	-130.00	0.00038	80.00	-130.00	0.00034
90.00	-130.00	0.00030	100.00	-130.00	0.00027
-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	0.00092	-50.00	-120.00	0.00103
-40.00	-120.00	0.00112	-30.00	-120.00	0.00117
-25.00	-120.00	0.00116	-20.00	-120.00	0.00111

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

09:58:54
 **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 **

02NCRA_PL92-300_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	0.00105	-15.00	-120.00	0.00100
-13.00	-120.00	0.00093	-11.00	-120.00	0.00087
-9.00	-120.00	0.00080	9.00	-120.00	0.00050
11.00	-120.00	0.00049	13.00	-120.00	0.00048
15.00	-120.00	0.00047	17.00	-120.00	0.00046
20.00	-120.00	0.00045	25.00	-120.00	0.00043
30.00	-120.00	0.00041	40.00	-120.00	0.00038
50.00	-120.00	0.00034	60.00	-120.00	0.00031
70.00	-120.00	0.00029	80.00	-120.00	0.00026
90.00	-120.00	0.00024	100.00	-120.00	0.00022
-100.00	-110.00	0.00053	-90.00	-110.00	0.00059
-80.00	-110.00	0.00066	-70.00	-110.00	0.00074
-60.00	-110.00	0.00081	-50.00	-110.00	0.00086
-40.00	-110.00	0.00089	-30.00	-110.00	0.00084
-25.00	-110.00	0.00079	-20.00	-110.00	0.00071
-17.00	-110.00	0.00065	-15.00	-110.00	0.00062
-13.00	-110.00	0.00058	-11.00	-110.00	0.00055
-9.00	-110.00	0.00052	9.00	-110.00	0.00037
11.00	-110.00	0.00037	13.00	-110.00	0.00037
15.00	-110.00	0.00036	17.00	-110.00	0.00035
20.00	-110.00	0.00034	25.00	-110.00	0.00033
30.00	-110.00	0.00031	40.00	-110.00	0.00028
50.00	-110.00	0.00026	60.00	-110.00	0.00024
70.00	-110.00	0.00023	80.00	-110.00	0.00021
90.00	-110.00	0.00019	100.00	-110.00	0.00018
-100.00	-100.00	0.00050	-90.00	-100.00	0.00055
-80.00	-100.00	0.00060	-70.00	-100.00	0.00064
-60.00	-100.00	0.00067	-50.00	-100.00	0.00069
-40.00	-100.00	0.00066	-30.00	-100.00	0.00058
-25.00	-100.00	0.00053	-20.00	-100.00	0.00047
-17.00	-100.00	0.00044	-15.00	-100.00	0.00042
-13.00	-100.00	0.00041	-11.00	-100.00	0.00039
-9.00	-100.00	0.00037	9.00	-100.00	0.00029
11.00	-100.00	0.00029	13.00	-100.00	0.00029
15.00	-100.00	0.00028	17.00	-100.00	0.00028
20.00	-100.00	0.00027	25.00	-100.00	0.00026
30.00	-100.00	0.00025	40.00	-100.00	0.00022
50.00	-100.00	0.00021	60.00	-100.00	0.00019
70.00	-100.00	0.00018	80.00	-100.00	0.00017
90.00	-100.00	0.00016	100.00	-100.00	0.00015

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

*** NCRA Cumulative DPM Impacts

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

09:58:54

**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	0.00045	-90.00	-90.00	0.00049
-80.00	-90.00	0.00052	-70.00	-90.00	0.00054
-60.00	-90.00	0.00055	-50.00	-90.00	0.00053
-40.00	-90.00	0.00048	-30.00	-90.00	0.00041
-25.00	-90.00	0.00038	-20.00	-90.00	0.00034
-17.00	-90.00	0.00033	-15.00	-90.00	0.00031
-13.00	-90.00	0.00030	-11.00	-90.00	0.00029
-9.00	-90.00	0.00028	9.00	-90.00	0.00022
11.00	-90.00	0.00023	13.00	-90.00	0.00023
15.00	-90.00	0.00023	17.00	-90.00	0.00023
20.00	-90.00	0.00022	25.00	-90.00	0.00022
30.00	-90.00	0.00020	40.00	-90.00	0.00018
50.00	-90.00	0.00017	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	0.00041	-90.00	-80.00	0.00043
-80.00	-80.00	0.00044	-70.00	-80.00	0.00044
-60.00	-80.00	0.00043	-50.00	-80.00	0.00040
-40.00	-80.00	0.00035	-30.00	-80.00	0.00030
-25.00	-80.00	0.00028	-20.00	-80.00	0.00026
-17.00	-80.00	0.00025	-15.00	-80.00	0.00024
-13.00	-80.00	0.00023	-11.00	-80.00	0.00023
-9.00	-80.00	0.00022	9.00	-80.00	0.00018
11.00	-80.00	0.00018	13.00	-80.00	0.00018
15.00	-80.00	0.00019	17.00	-80.00	0.00019
20.00	-80.00	0.00019	25.00	-80.00	0.00018
30.00	-80.00	0.00017	40.00	-80.00	0.00016
50.00	-80.00	0.00014	60.00	-80.00	0.00013
70.00	-80.00	0.00013	80.00	-80.00	0.00012
90.00	-80.00	0.00012	100.00	-80.00	0.00011
-100.00	-70.00	0.00036	-90.00	-70.00	0.00037
-80.00	-70.00	0.00037	-70.00	-70.00	0.00036
-60.00	-70.00	0.00034	-50.00	-70.00	0.00030
-40.00	-70.00	0.00027	-30.00	-70.00	0.00024
-25.00	-70.00	0.00022	-20.00	-70.00	0.00021
-17.00	-70.00	0.00020	-15.00	-70.00	0.00019
-13.00	-70.00	0.00019	-11.00	-70.00	0.00018

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-9.00	-70.00	0.00017	9.00	-70.00	0.00015
11.00	-70.00	0.00015	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 ***

09:58:54
 **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	0.00015	25.00	-70.00	0.00015
30.00	-70.00	0.00015	40.00	-70.00	0.00014
50.00	-70.00	0.00012	60.00	-70.00	0.00011
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	0.00031	-90.00	-60.00	0.00031
-80.00	-60.00	0.00030	-70.00	-60.00	0.00029
-60.00	-60.00	0.00026	-50.00	-60.00	0.00024
-40.00	-60.00	0.00021	-30.00	-60.00	0.00019
-25.00	-60.00	0.00018	-20.00	-60.00	0.00017
-17.00	-60.00	0.00016	-15.00	-60.00	0.00016
-13.00	-60.00	0.00015	-11.00	-60.00	0.00015
-9.00	-60.00	0.00014	9.00	-60.00	0.00012
11.00	-60.00	0.00012	13.00	-60.00	0.00013
15.00	-60.00	0.00013	17.00	-60.00	0.00013
20.00	-60.00	0.00013	25.00	-60.00	0.00013
30.00	-60.00	0.00013	40.00	-60.00	0.00012
50.00	-60.00	0.00011	60.00	-60.00	0.00010
70.00	-60.00	0.00009	80.00	-60.00	0.00009
90.00	-60.00	0.00008	100.00	-60.00	0.00008
-100.00	-50.00	0.00027	-90.00	-50.00	0.00026
-80.00	-50.00	0.00025	-70.00	-50.00	0.00023
-60.00	-50.00	0.00021	-50.00	-50.00	0.00019
-40.00	-50.00	0.00017	-30.00	-50.00	0.00016
-25.00	-50.00	0.00015	-20.00	-50.00	0.00014
-17.00	-50.00	0.00014	-15.00	-50.00	0.00013
-13.00	-50.00	0.00013	-11.00	-50.00	0.00012
-9.00	-50.00	0.00012	9.00	-50.00	0.00010
11.00	-50.00	0.00011	13.00	-50.00	0.00011
15.00	-50.00	0.00011	17.00	-50.00	0.00011
20.00	-50.00	0.00011	25.00	-50.00	0.00011

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

30.00	-50.00	0.00011	40.00	-50.00	0.00011
50.00	-50.00	0.00010	60.00	-50.00	0.00009
70.00	-50.00	0.00008	80.00	-50.00	0.00008
90.00	-50.00	0.00007	100.00	-50.00	0.00007
-100.00	-40.00	0.00023	-90.00	-40.00	0.00022
-80.00	-40.00	0.00020	-70.00	-40.00	0.00019
-60.00	-40.00	0.00017	-50.00	-40.00	0.00016
-40.00	-40.00	0.00014	-30.00	-40.00	0.00013
-25.00	-40.00	0.00013	-20.00	-40.00	0.00012

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

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

09:58:54

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

09:58:54

**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	0.00014	-90.00	-10.00	0.00013
-80.00	-10.00	0.00012	-70.00	-10.00	0.00011
-60.00	-10.00	0.00010	-50.00	-10.00	0.00010
-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	0.00007	-15.00	-10.00	0.00007
-13.00	-10.00	0.00007	-11.00	-10.00	0.00007
-9.00	-10.00	0.00007	9.00	-10.00	0.00006
11.00	-10.00	0.00006	13.00	-10.00	0.00006
15.00	-10.00	0.00006	17.00	-10.00	0.00006
20.00	-10.00	0.00006	25.00	-10.00	0.00006
30.00	-10.00	0.00007	40.00	-10.00	0.00007
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	0.00012	-90.00	0.00	0.00011
-80.00	0.00	0.00010	-70.00	0.00	0.00010
-60.00	0.00	0.00009	-50.00	0.00	0.00008
-40.00	0.00	0.00008	-30.00	0.00	0.00007

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-25.00	0.00	0.00007	-20.00	0.00	0.00007
-17.00	0.00	0.00007	-15.00	0.00	0.00006
-13.00	0.00	0.00006	-11.00	0.00	0.00006
-9.00	0.00	0.00006	9.00	0.00	0.00005
11.00	0.00	0.00005	13.00	0.00	0.00005
15.00	0.00	0.00005	17.00	0.00	0.00006
20.00	0.00	0.00006	25.00	0.00	0.00006
30.00	0.00	0.00006	40.00	0.00	0.00006
50.00	0.00	0.00006	60.00	0.00	0.00006
70.00	0.00	0.00005	80.00	0.00	0.00005
90.00	0.00	0.00004	100.00	0.00	0.00004
-100.00	10.00	0.00010	-90.00	10.00	0.00010
-80.00	10.00	0.00009	-70.00	10.00	0.00008
-60.00	10.00	0.00008	-50.00	10.00	0.00007
-40.00	10.00	0.00007	-30.00	10.00	0.00007
-25.00	10.00	0.00006	-20.00	10.00	0.00006
-17.00	10.00	0.00006	-15.00	10.00	0.00006
-13.00	10.00	0.00006	-11.00	10.00	0.00005
-9.00	10.00	0.00005	9.00	10.00	0.00005
11.00	10.00	0.00005	13.00	10.00	0.00005
15.00	10.00	0.00005	17.00	10.00	0.00005

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

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

09:58:54

**MODELOPTs:

PAGE 113

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00005	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	0.00009	-90.00	20.00	0.00008
-80.00	20.00	0.00008	-70.00	20.00	0.00007
-60.00	20.00	0.00007	-50.00	20.00	0.00007
-40.00	20.00	0.00006	-30.00	20.00	0.00006
-25.00	20.00	0.00006	-20.00	20.00	0.00005
-17.00	20.00	0.00005	-15.00	20.00	0.00005
-13.00	20.00	0.00005	-11.00	20.00	0.00005
-9.00	20.00	0.00005	9.00	20.00	0.00004

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00004	-15.00	40.00	0.00004
-13.00	40.00	0.00004	-11.00	40.00	0.00004
-9.00	40.00	0.00004	9.00	40.00	0.00004
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

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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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	0.00005	-90.00	70.00	0.00005

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

*** NCRA Cumulative DPM Impacts

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

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**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	0.00002	25.00	90.00	0.00002
30.00	90.00	0.00002	40.00	90.00	0.00003
50.00	90.00	0.00003	60.00	90.00	0.00003
70.00	90.00	0.00003	80.00	90.00	0.00003
90.00	90.00	0.00003	100.00	90.00	0.00002
-100.00	100.00	0.00004	-90.00	100.00	0.00004
-80.00	100.00	0.00004	-70.00	100.00	0.00003
-60.00	100.00	0.00003	-50.00	100.00	0.00003
-40.00	100.00	0.00003	-30.00	100.00	0.00003
-25.00	100.00	0.00003	-20.00	100.00	0.00003
-17.00	100.00	0.00003	-15.00	100.00	0.00003
-13.00	100.00	0.00002	-11.00	100.00	0.00002
-9.00	100.00	0.00002	9.00	100.00	0.00002
11.00	100.00	0.00002	13.00	100.00	0.00002
15.00	100.00	0.00002	17.00	100.00	0.00002
20.00	100.00	0.00002	25.00	100.00	0.00002
30.00	100.00	0.00002	40.00	100.00	0.00002
50.00	100.00	0.00002	60.00	100.00	0.00003
70.00	100.00	0.00003	80.00	100.00	0.00003
90.00	100.00	0.00002	100.00	100.00	0.00002
-100.00	110.00	0.00003	-90.00	110.00	0.00003
-80.00	110.00	0.00003	-70.00	110.00	0.00003
-60.00	110.00	0.00003	-50.00	110.00	0.00003
-40.00	110.00	0.00003	-30.00	110.00	0.00003
-25.00	110.00	0.00002	-20.00	110.00	0.00002
-17.00	110.00	0.00002	-15.00	110.00	0.00002
-13.00	110.00	0.00002	-11.00	110.00	0.00002
-9.00	110.00	0.00002	9.00	110.00	0.00002
11.00	110.00	0.00002	13.00	110.00	0.00002
15.00	110.00	0.00002	17.00	110.00	0.00002
20.00	110.00	0.00002	25.00	110.00	0.00002
30.00	110.00	0.00002	40.00	110.00	0.00002
50.00	110.00	0.00002	60.00	110.00	0.00002
70.00	110.00	0.00002	80.00	110.00	0.00002
90.00	110.00	0.00002	100.00	110.00	0.00002
-100.00	120.00	0.00003	-90.00	120.00	0.00003
-80.00	120.00	0.00003	-70.00	120.00	0.00003
-60.00	120.00	0.00003	-50.00	120.00	0.00003
-40.00	120.00	0.00003	-30.00	120.00	0.00002

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-25.00 120.00 0.00002 -20.00 120.00 0.00002

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00002	-15.00	120.00	0.00002
-13.00	120.00	0.00002	-11.00	120.00	0.00002
-9.00	120.00	0.00002	9.00	120.00	0.00002
11.00	120.00	0.00002	13.00	120.00	0.00002
15.00	120.00	0.00002	17.00	120.00	0.00002
20.00	120.00	0.00002	25.00	120.00	0.00002
30.00	120.00	0.00002	40.00	120.00	0.00002
50.00	120.00	0.00002	60.00	120.00	0.00002
70.00	120.00	0.00002	80.00	120.00	0.00002
90.00	120.00	0.00002	100.00	120.00	0.00002
-100.00	130.00	0.00003	-90.00	130.00	0.00003
-80.00	130.00	0.00003	-70.00	130.00	0.00003
-60.00	130.00	0.00003	-50.00	130.00	0.00003
-40.00	130.00	0.00002	-30.00	130.00	0.00002
-25.00	130.00	0.00002	-20.00	130.00	0.00002
-17.00	130.00	0.00002	-15.00	130.00	0.00002
-13.00	130.00	0.00002	-11.00	130.00	0.00002
-9.00	130.00	0.00002	9.00	130.00	0.00002
11.00	130.00	0.00002	13.00	130.00	0.00002
15.00	130.00	0.00002	17.00	130.00	0.00002
20.00	130.00	0.00002	25.00	130.00	0.00002
30.00	130.00	0.00002	40.00	130.00	0.00002
50.00	130.00	0.00002	60.00	130.00	0.00002
70.00	130.00	0.00002	80.00	130.00	0.00002
90.00	130.00	0.00002	100.00	130.00	0.00002
-100.00	140.00	0.00003	-90.00	140.00	0.00003
-80.00	140.00	0.00003	-70.00	140.00	0.00003
-60.00	140.00	0.00002	-50.00	140.00	0.00002
-40.00	140.00	0.00002	-30.00	140.00	0.00002
-25.00	140.00	0.00002	-20.00	140.00	0.00002
-17.00	140.00	0.00002	-15.00	140.00	0.00002
-13.00	140.00	0.00002	-11.00	140.00	0.00002
-9.00	140.00	0.00002	9.00	140.00	0.00002

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00003	-90.00	150.00	0.00003
-80.00	150.00	0.00002	-70.00	150.00	0.00002
-60.00	150.00	0.00002	-50.00	150.00	0.00002
-40.00	150.00	0.00002	-30.00	150.00	0.00002
-25.00	150.00	0.00002	-20.00	150.00	0.00002
-17.00	150.00	0.00002	-15.00	150.00	0.00002
-13.00	150.00	0.00002	-11.00	150.00	0.00002
-9.00	150.00	0.00002	9.00	150.00	0.00002
11.00	150.00	0.00002	13.00	150.00	0.00002
15.00	150.00	0.00002	17.00	150.00	0.00002
20.00	150.00	0.00002	25.00	150.00	0.00002
30.00	150.00	0.00002	40.00	150.00	0.00002
50.00	150.00	0.00002	60.00	150.00	0.00002
70.00	150.00	0.00002	80.00	150.00	0.00002
90.00	150.00	0.00002	100.00	150.00	0.00002
-100.00	160.00	0.00002	-90.00	160.00	0.00002
-80.00	160.00	0.00002	-70.00	160.00	0.00002
-60.00	160.00	0.00002	-50.00	160.00	0.00002
-40.00	160.00	0.00002	-30.00	160.00	0.00002
-25.00	160.00	0.00002	-20.00	160.00	0.00002
-17.00	160.00	0.00002	-15.00	160.00	0.00002
-13.00	160.00	0.00002	-11.00	160.00	0.00002
-9.00	160.00	0.00002	9.00	160.00	0.00002
11.00	160.00	0.00002	13.00	160.00	0.00002
15.00	160.00	0.00002	17.00	160.00	0.00002
20.00	160.00	0.00002	25.00	160.00	0.00002
30.00	160.00	0.00002	40.00	160.00	0.00002

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

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

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

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

02NCRA_PL92-300_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	0.00001	-20.00	190.00	0.00001
-17.00	190.00	0.00001	-15.00	190.00	0.00001
-13.00	190.00	0.00001	-11.00	190.00	0.00001
-9.00	190.00	0.00001	9.00	190.00	0.00001
11.00	190.00	0.00001	13.00	190.00	0.00001
15.00	190.00	0.00001	17.00	190.00	0.00001
20.00	190.00	0.00001	25.00	190.00	0.00001
30.00	190.00	0.00001	40.00	190.00	0.00001
50.00	190.00	0.00001	60.00	190.00	0.00001
70.00	190.00	0.00001	80.00	190.00	0.00002
90.00	190.00	0.00002	100.00	190.00	0.00002
-100.00	200.00	0.00002	-90.00	200.00	0.00002
-80.00	200.00	0.00002	-70.00	200.00	0.00002
-60.00	200.00	0.00002	-50.00	200.00	0.00002
-40.00	200.00	0.00002	-30.00	200.00	0.00001
-25.00	200.00	0.00001	-20.00	200.00	0.00001

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

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

09:58:54
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00001	-15.00	200.00	0.00001
-13.00	200.00	0.00001	-11.00	200.00	0.00001
-9.00	200.00	0.00001	9.00	200.00	0.00001
11.00	200.00	0.00001	13.00	200.00	0.00001
15.00	200.00	0.00001	17.00	200.00	0.00001
20.00	200.00	0.00001	25.00	200.00	0.00001
30.00	200.00	0.00001	40.00	200.00	0.00001
50.00	200.00	0.00001	60.00	200.00	0.00001
70.00	200.00	0.00001	80.00	200.00	0.00001
90.00	200.00	0.00001	100.00	200.00	0.00001
-100.00	210.00	0.00002	-90.00	210.00	0.00002
-80.00	210.00	0.00002	-70.00	210.00	0.00002
-60.00	210.00	0.00002	-50.00	210.00	0.00002
-40.00	210.00	0.00001	-30.00	210.00	0.00001
-25.00	210.00	0.00001	-20.00	210.00	0.00001

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-17.00	210.00	0.00001	-15.00	210.00	0.00001
-13.00	210.00	0.00001	-11.00	210.00	0.00001
-9.00	210.00	0.00001	9.00	210.00	0.00001
11.00	210.00	0.00001	13.00	210.00	0.00001
15.00	210.00	0.00001	17.00	210.00	0.00001
20.00	210.00	0.00001	25.00	210.00	0.00001
30.00	210.00	0.00001	40.00	210.00	0.00001
50.00	210.00	0.00001	60.00	210.00	0.00001
70.00	210.00	0.00001	80.00	210.00	0.00001
90.00	210.00	0.00001	100.00	210.00	0.00001
-100.00	220.00	0.00002	-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	0.00001
-40.00	220.00	0.00001	-30.00	220.00	0.00001
-25.00	220.00	0.00001	-20.00	220.00	0.00001
-17.00	220.00	0.00001	-15.00	220.00	0.00001
-13.00	220.00	0.00001	-11.00	220.00	0.00001
-9.00	220.00	0.00001	9.00	220.00	0.00001
11.00	220.00	0.00001	13.00	220.00	0.00001
15.00	220.00	0.00001	17.00	220.00	0.00001
20.00	220.00	0.00001	25.00	220.00	0.00001
30.00	220.00	0.00001	40.00	220.00	0.00001
50.00	220.00	0.00001	60.00	220.00	0.00001
70.00	220.00	0.00001	80.00	220.00	0.00001
90.00	220.00	0.00001	100.00	220.00	0.00001

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

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

09:58:54
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00002	-90.00	230.00	0.00002
-80.00	230.00	0.00002	-70.00	230.00	0.00001
-60.00	230.00	0.00001	-50.00	230.00	0.00001
-40.00	230.00	0.00001	-30.00	230.00	0.00001
-25.00	230.00	0.00001	-20.00	230.00	0.00001
-17.00	230.00	0.00001	-15.00	230.00	0.00001
-13.00	230.00	0.00001	-11.00	230.00	0.00001
-9.00	230.00	0.00001	9.00	230.00	0.00001
11.00	230.00	0.00001	13.00	230.00	0.00001

02NCRA_PL92-300_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	0.00001	-70.00	240.00	0.00001
-60.00	240.00	0.00001	-50.00	240.00	0.00001
-40.00	240.00	0.00001	-30.00	240.00	0.00001
-25.00	240.00	0.00001	-20.00	240.00	0.00001
-17.00	240.00	0.00001	-15.00	240.00	0.00001
-13.00	240.00	0.00001	-11.00	240.00	0.00001
-9.00	240.00	0.00001	9.00	240.00	0.00001
11.00	240.00	0.00001	13.00	240.00	0.00001
15.00	240.00	0.00001	17.00	240.00	0.00001
20.00	240.00	0.00001	25.00	240.00	0.00001
30.00	240.00	0.00001	40.00	240.00	0.00001
50.00	240.00	0.00001	60.00	240.00	0.00001
70.00	240.00	0.00001	80.00	240.00	0.00001
90.00	240.00	0.00001	100.00	240.00	0.00001
-100.00	250.00	0.00001	-90.00	250.00	0.00001
-80.00	250.00	0.00001	-70.00	250.00	0.00001
-60.00	250.00	0.00001	-50.00	250.00	0.00001
-40.00	250.00	0.00001	-30.00	250.00	0.00001
-25.00	250.00	0.00001	-20.00	250.00	0.00001
-17.00	250.00	0.00001	-15.00	250.00	0.00001
-13.00	250.00	0.00001	-11.00	250.00	0.00001
-9.00	250.00	0.00001	9.00	250.00	0.00001
11.00	250.00	0.00001	13.00	250.00	0.00001
15.00	250.00	0.00001	17.00	250.00	0.00001

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

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

09:58:54
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00001	25.00	250.00	0.00001
30.00	250.00	0.00001	40.00	250.00	0.00001
50.00	250.00	0.00001	60.00	250.00	0.00001

02NCRA_PL92-300_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 ***

09:58:54
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00059	-90.00	-250.00	0.00064
-80.00	-250.00	0.00070	-70.00	-250.00	0.00076
-60.00	-250.00	0.00084	-50.00	-250.00	0.00093
-40.00	-250.00	0.00103	-30.00	-250.00	0.00116
-25.00	-250.00	0.00124	-20.00	-250.00	0.00132
-17.00	-250.00	0.00137	-15.00	-250.00	0.00141
-13.00	-250.00	0.00145	-11.00	-250.00	0.00149
-9.00	-250.00	0.00155	9.00	-250.00	0.00250
11.00	-250.00	0.00267	13.00	-250.00	0.00285
15.00	-250.00	0.00303	17.00	-250.00	0.00320
20.00	-250.00	0.00344	25.00	-250.00	0.00378
30.00	-250.00	0.00400	40.00	-250.00	0.00415
50.00	-250.00	0.00404	60.00	-250.00	0.00382
70.00	-250.00	0.00356	80.00	-250.00	0.00331
90.00	-250.00	0.00306	100.00	-250.00	0.00284
-100.00	-240.00	0.00063	-90.00	-240.00	0.00069
-80.00	-240.00	0.00075	-70.00	-240.00	0.00083
-60.00	-240.00	0.00092	-50.00	-240.00	0.00102
-40.00	-240.00	0.00114	-30.00	-240.00	0.00128
-25.00	-240.00	0.00137	-20.00	-240.00	0.00147
-17.00	-240.00	0.00154	-15.00	-240.00	0.00159
-13.00	-240.00	0.00164	-11.00	-240.00	0.00170
-9.00	-240.00	0.00177	9.00	-240.00	0.00342
11.00	-240.00	0.00373	13.00	-240.00	0.00402
15.00	-240.00	0.00429	17.00	-240.00	0.00452
20.00	-240.00	0.00480	25.00	-240.00	0.00506
30.00	-240.00	0.00514	40.00	-240.00	0.00496
50.00	-240.00	0.00461	60.00	-240.00	0.00422
70.00	-240.00	0.00386	80.00	-240.00	0.00353
90.00	-240.00	0.00323	100.00	-240.00	0.00298
-100.00	-230.00	0.00068	-90.00	-230.00	0.00075
-80.00	-230.00	0.00083	-70.00	-230.00	0.00091

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-60.00	-230.00	0.00102	-50.00	-230.00	0.00114
-40.00	-230.00	0.00128	-30.00	-230.00	0.00144
-25.00	-230.00	0.00154	-20.00	-230.00	0.00166
-17.00	-230.00	0.00173	-15.00	-230.00	0.00179
-13.00	-230.00	0.00186	-11.00	-230.00	0.00194
-9.00	-230.00	0.00204	9.00	-230.00	0.00548
11.00	-230.00	0.00581	13.00	-230.00	0.00604
15.00	-230.00	0.00619	17.00	-230.00	0.00629

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

09:58:54
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00635	25.00	-230.00	0.00628
30.00	-230.00	0.00609	40.00	-230.00	0.00556
50.00	-230.00	0.00501	60.00	-230.00	0.00451
70.00	-230.00	0.00407	80.00	-230.00	0.00369
90.00	-230.00	0.00336	100.00	-230.00	0.00308
-100.00	-220.00	0.00074	-90.00	-220.00	0.00082
-80.00	-220.00	0.00091	-70.00	-220.00	0.00101
-60.00	-220.00	0.00114	-50.00	-220.00	0.00129
-40.00	-220.00	0.00146	-30.00	-220.00	0.00168
-25.00	-220.00	0.00181	-20.00	-220.00	0.00197
-17.00	-220.00	0.00208	-15.00	-220.00	0.00217
-13.00	-220.00	0.00228	-11.00	-220.00	0.00242
-9.00	-220.00	0.00262	9.00	-220.00	0.00695
11.00	-220.00	0.00704	13.00	-220.00	0.00710
15.00	-220.00	0.00713	17.00	-220.00	0.00714
20.00	-220.00	0.00708	25.00	-220.00	0.00687
30.00	-220.00	0.00657	40.00	-220.00	0.00590
50.00	-220.00	0.00526	60.00	-220.00	0.00470
70.00	-220.00	0.00421	80.00	-220.00	0.00380
90.00	-220.00	0.00345	100.00	-220.00	0.00315
-100.00	-210.00	0.00080	-90.00	-210.00	0.00089
-80.00	-210.00	0.00099	-70.00	-210.00	0.00111
-60.00	-210.00	0.00127	-50.00	-210.00	0.00145
-40.00	-210.00	0.00168	-30.00	-210.00	0.00199
-25.00	-210.00	0.00219	-20.00	-210.00	0.00244
-17.00	-210.00	0.00262	-15.00	-210.00	0.00275

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00290	-11.00	-210.00	0.00307
-9.00	-210.00	0.00326	9.00	-210.00	0.00719
11.00	-210.00	0.00727	13.00	-210.00	0.00734
15.00	-210.00	0.00738	17.00	-210.00	0.00738
20.00	-210.00	0.00732	25.00	-210.00	0.00709
30.00	-210.00	0.00678	40.00	-210.00	0.00608
50.00	-210.00	0.00541	60.00	-210.00	0.00482
70.00	-210.00	0.00431	80.00	-210.00	0.00388
90.00	-210.00	0.00352	100.00	-210.00	0.00321
-100.00	-200.00	0.00086	-90.00	-200.00	0.00096
-80.00	-200.00	0.00108	-70.00	-200.00	0.00122
-60.00	-200.00	0.00141	-50.00	-200.00	0.00164
-40.00	-200.00	0.00194	-30.00	-200.00	0.00234
-25.00	-200.00	0.00258	-20.00	-200.00	0.00285

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

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

09:58:54

**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	0.00302	-15.00	-200.00	0.00314
-13.00	-200.00	0.00326	-11.00	-200.00	0.00340
-9.00	-200.00	0.00355	9.00	-200.00	0.00732
11.00	-200.00	0.00740	13.00	-200.00	0.00747
15.00	-200.00	0.00750	17.00	-200.00	0.00750
20.00	-200.00	0.00743	25.00	-200.00	0.00721
30.00	-200.00	0.00689	40.00	-200.00	0.00618
50.00	-200.00	0.00549	60.00	-200.00	0.00489
70.00	-200.00	0.00437	80.00	-200.00	0.00394
90.00	-200.00	0.00357	100.00	-200.00	0.00325
-100.00	-190.00	0.00092	-90.00	-190.00	0.00103
-80.00	-190.00	0.00117	-70.00	-190.00	0.00134
-60.00	-190.00	0.00156	-50.00	-190.00	0.00183
-40.00	-190.00	0.00218	-30.00	-190.00	0.00261
-25.00	-190.00	0.00285	-20.00	-190.00	0.00310
-17.00	-190.00	0.00324	-15.00	-190.00	0.00334
-13.00	-190.00	0.00345	-11.00	-190.00	0.00357
-9.00	-190.00	0.00370	9.00	-190.00	0.00741
11.00	-190.00	0.00749	13.00	-190.00	0.00755
15.00	-190.00	0.00758	17.00	-190.00	0.00757

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00751	25.00	-190.00	0.00728
30.00	-190.00	0.00696	40.00	-190.00	0.00625
50.00	-190.00	0.00555	60.00	-190.00	0.00494
70.00	-190.00	0.00442	80.00	-190.00	0.00398
90.00	-190.00	0.00360	100.00	-190.00	0.00328
-100.00	-180.00	0.00098	-90.00	-180.00	0.00111
-80.00	-180.00	0.00127	-70.00	-180.00	0.00146
-60.00	-180.00	0.00170	-50.00	-180.00	0.00200
-40.00	-180.00	0.00237	-30.00	-180.00	0.00279
-25.00	-180.00	0.00301	-20.00	-180.00	0.00323
-17.00	-180.00	0.00337	-15.00	-180.00	0.00346
-13.00	-180.00	0.00356	-11.00	-180.00	0.00367
-9.00	-180.00	0.00380	9.00	-180.00	0.00748
11.00	-180.00	0.00756	13.00	-180.00	0.00761
15.00	-180.00	0.00764	17.00	-180.00	0.00763
20.00	-180.00	0.00756	25.00	-180.00	0.00733
30.00	-180.00	0.00701	40.00	-180.00	0.00629
50.00	-180.00	0.00559	60.00	-180.00	0.00498
70.00	-180.00	0.00445	80.00	-180.00	0.00400
90.00	-180.00	0.00362	100.00	-180.00	0.00330

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

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

09:58:54

**MODELOPTS:
 PAGE 126

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00105	-90.00	-170.00	0.00119
-80.00	-170.00	0.00136	-70.00	-170.00	0.00157
-60.00	-170.00	0.00183	-50.00	-170.00	0.00214
-40.00	-170.00	0.00250	-30.00	-170.00	0.00290
-25.00	-170.00	0.00311	-20.00	-170.00	0.00332
-17.00	-170.00	0.00345	-15.00	-170.00	0.00354
-13.00	-170.00	0.00363	-11.00	-170.00	0.00374
-9.00	-170.00	0.00386	9.00	-170.00	0.00752
11.00	-170.00	0.00760	13.00	-170.00	0.00766
15.00	-170.00	0.00768	17.00	-170.00	0.00768
20.00	-170.00	0.00760	25.00	-170.00	0.00737
30.00	-170.00	0.00705	40.00	-170.00	0.00632
50.00	-170.00	0.00562	60.00	-170.00	0.00500
70.00	-170.00	0.00448	80.00	-170.00	0.00403

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00364	100.00	-170.00	0.00331
-100.00	-160.00	0.00111	-90.00	-160.00	0.00126
-80.00	-160.00	0.00144	-70.00	-160.00	0.00166
-60.00	-160.00	0.00193	-50.00	-160.00	0.00224
-40.00	-160.00	0.00259	-30.00	-160.00	0.00298
-25.00	-160.00	0.00318	-20.00	-160.00	0.00338
-17.00	-160.00	0.00350	-15.00	-160.00	0.00359
-13.00	-160.00	0.00368	-11.00	-160.00	0.00379
-9.00	-160.00	0.00391	9.00	-160.00	0.00756
11.00	-160.00	0.00763	13.00	-160.00	0.00769
15.00	-160.00	0.00772	17.00	-160.00	0.00771
20.00	-160.00	0.00764	25.00	-160.00	0.00739
30.00	-160.00	0.00707	40.00	-160.00	0.00634
50.00	-160.00	0.00564	60.00	-160.00	0.00502
70.00	-160.00	0.00449	80.00	-160.00	0.00404
90.00	-160.00	0.00366	100.00	-160.00	0.00333
-100.00	-150.00	0.00117	-90.00	-150.00	0.00133
-80.00	-150.00	0.00152	-70.00	-150.00	0.00174
-60.00	-150.00	0.00201	-50.00	-150.00	0.00231
-40.00	-150.00	0.00265	-30.00	-150.00	0.00303
-25.00	-150.00	0.00322	-20.00	-150.00	0.00342
-17.00	-150.00	0.00355	-15.00	-150.00	0.00363
-13.00	-150.00	0.00372	-11.00	-150.00	0.00382
-9.00	-150.00	0.00394	9.00	-150.00	0.00758
11.00	-150.00	0.00766	13.00	-150.00	0.00772
15.00	-150.00	0.00775	17.00	-150.00	0.00774

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

04/20/08

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

09:58:54

**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	0.00766	25.00	-150.00	0.00742
30.00	-150.00	0.00709	40.00	-150.00	0.00636
50.00	-150.00	0.00565	60.00	-150.00	0.00503
70.00	-150.00	0.00450	80.00	-150.00	0.00405
90.00	-150.00	0.00366	100.00	-150.00	0.00333
-100.00	-140.00	0.00122	-90.00	-140.00	0.00139
-80.00	-140.00	0.00158	-70.00	-140.00	0.00180
-60.00	-140.00	0.00206	-50.00	-140.00	0.00236

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00270	-30.00	-140.00	0.00306
-25.00	-140.00	0.00325	-20.00	-140.00	0.00345
-17.00	-140.00	0.00357	-15.00	-140.00	0.00365
-13.00	-140.00	0.00374	-11.00	-140.00	0.00385
-9.00	-140.00	0.00397	9.00	-140.00	0.00761
11.00	-140.00	0.00769	13.00	-140.00	0.00774
15.00	-140.00	0.00776	17.00	-140.00	0.00775
20.00	-140.00	0.00768	25.00	-140.00	0.00744
30.00	-140.00	0.00711	40.00	-140.00	0.00637
50.00	-140.00	0.00566	60.00	-140.00	0.00504
70.00	-140.00	0.00451	80.00	-140.00	0.00406
90.00	-140.00	0.00367	100.00	-140.00	0.00334
-100.00	-130.00	0.00127	-90.00	-130.00	0.00144
-80.00	-130.00	0.00163	-70.00	-130.00	0.00185
-60.00	-130.00	0.00211	-50.00	-130.00	0.00240
-40.00	-130.00	0.00273	-30.00	-130.00	0.00309
-25.00	-130.00	0.00328	-20.00	-130.00	0.00347
-17.00	-130.00	0.00359	-15.00	-130.00	0.00367
-13.00	-130.00	0.00376	-11.00	-130.00	0.00387
-9.00	-130.00	0.00399	9.00	-130.00	0.00761
11.00	-130.00	0.00770	13.00	-130.00	0.00775
15.00	-130.00	0.00778	17.00	-130.00	0.00777
20.00	-130.00	0.00769	25.00	-130.00	0.00745
30.00	-130.00	0.00711	40.00	-130.00	0.00638
50.00	-130.00	0.00567	60.00	-130.00	0.00505
70.00	-130.00	0.00451	80.00	-130.00	0.00406
90.00	-130.00	0.00367	100.00	-130.00	0.00334
-100.00	-120.00	0.00131	-90.00	-120.00	0.00147
-80.00	-120.00	0.00167	-70.00	-120.00	0.00188
-60.00	-120.00	0.00214	-50.00	-120.00	0.00243
-40.00	-120.00	0.00275	-30.00	-120.00	0.00311
-25.00	-120.00	0.00330	-20.00	-120.00	0.00349

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

09:58:54
 **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	0.00361	-15.00	-120.00	0.00369
-13.00	-120.00	0.00378	-11.00	-120.00	0.00388

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-9.00	-120.00	0.00400	9.00	-120.00	0.00762
11.00	-120.00	0.00770	13.00	-120.00	0.00776
15.00	-120.00	0.00778	17.00	-120.00	0.00778
20.00	-120.00	0.00770	25.00	-120.00	0.00745
30.00	-120.00	0.00712	40.00	-120.00	0.00638
50.00	-120.00	0.00567	60.00	-120.00	0.00505
70.00	-120.00	0.00451	80.00	-120.00	0.00406
90.00	-120.00	0.00367	100.00	-120.00	0.00333
-100.00	-110.00	0.00134	-90.00	-110.00	0.00151
-80.00	-110.00	0.00169	-70.00	-110.00	0.00191
-60.00	-110.00	0.00216	-50.00	-110.00	0.00245
-40.00	-110.00	0.00277	-30.00	-110.00	0.00312
-25.00	-110.00	0.00331	-20.00	-110.00	0.00350
-17.00	-110.00	0.00362	-15.00	-110.00	0.00370
-13.00	-110.00	0.00379	-11.00	-110.00	0.00388
-9.00	-110.00	0.00400	9.00	-110.00	0.00762
11.00	-110.00	0.00770	13.00	-110.00	0.00776
15.00	-110.00	0.00779	17.00	-110.00	0.00778
20.00	-110.00	0.00770	25.00	-110.00	0.00746
30.00	-110.00	0.00713	40.00	-110.00	0.00639
50.00	-110.00	0.00568	60.00	-110.00	0.00505
70.00	-110.00	0.00451	80.00	-110.00	0.00406
90.00	-110.00	0.00367	100.00	-110.00	0.00333
-100.00	-100.00	0.00137	-90.00	-100.00	0.00153
-80.00	-100.00	0.00172	-70.00	-100.00	0.00193
-60.00	-100.00	0.00218	-50.00	-100.00	0.00246
-40.00	-100.00	0.00278	-30.00	-100.00	0.00313
-25.00	-100.00	0.00332	-20.00	-100.00	0.00351
-17.00	-100.00	0.00362	-15.00	-100.00	0.00370
-13.00	-100.00	0.00379	-11.00	-100.00	0.00389
-9.00	-100.00	0.00401	9.00	-100.00	0.00762
11.00	-100.00	0.00771	13.00	-100.00	0.00777
15.00	-100.00	0.00779	17.00	-100.00	0.00778
20.00	-100.00	0.00771	25.00	-100.00	0.00746
30.00	-100.00	0.00713	40.00	-100.00	0.00639
50.00	-100.00	0.00568	60.00	-100.00	0.00505
70.00	-100.00	0.00451	80.00	-100.00	0.00405
90.00	-100.00	0.00366	100.00	-100.00	0.00332

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

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

09:58:54
 **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	0.00139	-90.00	-90.00	0.00155
-80.00	-90.00	0.00173	-70.00	-90.00	0.00195
-60.00	-90.00	0.00219	-50.00	-90.00	0.00247
-40.00	-90.00	0.00279	-30.00	-90.00	0.00314
-25.00	-90.00	0.00332	-20.00	-90.00	0.00351
-17.00	-90.00	0.00363	-15.00	-90.00	0.00371
-13.00	-90.00	0.00379	-11.00	-90.00	0.00389
-9.00	-90.00	0.00401	9.00	-90.00	0.00762
11.00	-90.00	0.00771	13.00	-90.00	0.00776
15.00	-90.00	0.00779	17.00	-90.00	0.00778
20.00	-90.00	0.00771	25.00	-90.00	0.00747
30.00	-90.00	0.00713	40.00	-90.00	0.00639
50.00	-90.00	0.00567	60.00	-90.00	0.00504
70.00	-90.00	0.00450	80.00	-90.00	0.00404
90.00	-90.00	0.00365	100.00	-90.00	0.00331
-100.00	-80.00	0.00140	-90.00	-80.00	0.00156
-80.00	-80.00	0.00175	-70.00	-80.00	0.00196
-60.00	-80.00	0.00220	-50.00	-80.00	0.00248
-40.00	-80.00	0.00279	-30.00	-80.00	0.00314
-25.00	-80.00	0.00333	-20.00	-80.00	0.00351
-17.00	-80.00	0.00363	-15.00	-80.00	0.00371
-13.00	-80.00	0.00380	-11.00	-80.00	0.00389
-9.00	-80.00	0.00401	9.00	-80.00	0.00762
11.00	-80.00	0.00770	13.00	-80.00	0.00776
15.00	-80.00	0.00779	17.00	-80.00	0.00778
20.00	-80.00	0.00771	25.00	-80.00	0.00746
30.00	-80.00	0.00713	40.00	-80.00	0.00639
50.00	-80.00	0.00567	60.00	-80.00	0.00504
70.00	-80.00	0.00450	80.00	-80.00	0.00404
90.00	-80.00	0.00364	100.00	-80.00	0.00330
-100.00	-70.00	0.00142	-90.00	-70.00	0.00157
-80.00	-70.00	0.00176	-70.00	-70.00	0.00196
-60.00	-70.00	0.00220	-50.00	-70.00	0.00248
-40.00	-70.00	0.00280	-30.00	-70.00	0.00314
-25.00	-70.00	0.00333	-20.00	-70.00	0.00352
-17.00	-70.00	0.00363	-15.00	-70.00	0.00371
-13.00	-70.00	0.00380	-11.00	-70.00	0.00389
-9.00	-70.00	0.00401	9.00	-70.00	0.00762
11.00	-70.00	0.00770	13.00	-70.00	0.00776
15.00	-70.00	0.00779	17.00	-70.00	0.00778

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

*** NCRA Cumulative DPM Impacts

09:58:54

**MODELOPTs:

PAGE 130

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

CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00770	25.00	-70.00	0.00746
30.00	-70.00	0.00713	40.00	-70.00	0.00638
50.00	-70.00	0.00566	60.00	-70.00	0.00503
70.00	-70.00	0.00449	80.00	-70.00	0.00403
90.00	-70.00	0.00363	100.00	-70.00	0.00329
-100.00	-60.00	0.00143	-90.00	-60.00	0.00158
-80.00	-60.00	0.00176	-70.00	-60.00	0.00197
-60.00	-60.00	0.00221	-50.00	-60.00	0.00248
-40.00	-60.00	0.00280	-30.00	-60.00	0.00314
-25.00	-60.00	0.00333	-20.00	-60.00	0.00351
-17.00	-60.00	0.00363	-15.00	-60.00	0.00371
-13.00	-60.00	0.00379	-11.00	-60.00	0.00389
-9.00	-60.00	0.00400	9.00	-60.00	0.00762
11.00	-60.00	0.00770	13.00	-60.00	0.00775
15.00	-60.00	0.00778	17.00	-60.00	0.00777
20.00	-60.00	0.00770	25.00	-60.00	0.00746
30.00	-60.00	0.00712	40.00	-60.00	0.00637
50.00	-60.00	0.00566	60.00	-60.00	0.00502
70.00	-60.00	0.00448	80.00	-60.00	0.00401
90.00	-60.00	0.00362	100.00	-60.00	0.00328
-100.00	-50.00	0.00143	-90.00	-50.00	0.00159
-80.00	-50.00	0.00177	-70.00	-50.00	0.00197
-60.00	-50.00	0.00221	-50.00	-50.00	0.00248
-40.00	-50.00	0.00280	-30.00	-50.00	0.00314
-25.00	-50.00	0.00332	-20.00	-50.00	0.00351
-17.00	-50.00	0.00363	-15.00	-50.00	0.00370
-13.00	-50.00	0.00379	-11.00	-50.00	0.00389
-9.00	-50.00	0.00401	9.00	-50.00	0.00762
11.00	-50.00	0.00770	13.00	-50.00	0.00775
15.00	-50.00	0.00777	17.00	-50.00	0.00776
20.00	-50.00	0.00769	25.00	-50.00	0.00745
30.00	-50.00	0.00711	40.00	-50.00	0.00636
50.00	-50.00	0.00565	60.00	-50.00	0.00501
70.00	-50.00	0.00446	80.00	-50.00	0.00400

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

90.00	-50.00	0.00360	100.00	-50.00	0.00326
-100.00	-40.00	0.00144	-90.00	-40.00	0.00159
-80.00	-40.00	0.00177	-70.00	-40.00	0.00197
-60.00	-40.00	0.00221	-50.00	-40.00	0.00248
-40.00	-40.00	0.00279	-30.00	-40.00	0.00314
-25.00	-40.00	0.00332	-20.00	-40.00	0.00351

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

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

09:58:54

**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	0.00362	-15.00	-40.00	0.00370
-13.00	-40.00	0.00378	-11.00	-40.00	0.00388
-9.00	-40.00	0.00400	9.00	-40.00	0.00760
11.00	-40.00	0.00769	13.00	-40.00	0.00774
15.00	-40.00	0.00777	17.00	-40.00	0.00776
20.00	-40.00	0.00768	25.00	-40.00	0.00744
30.00	-40.00	0.00710	40.00	-40.00	0.00636
50.00	-40.00	0.00563	60.00	-40.00	0.00500
70.00	-40.00	0.00445	80.00	-40.00	0.00398
90.00	-40.00	0.00358	100.00	-40.00	0.00324
-100.00	-30.00	0.00144	-90.00	-30.00	0.00159
-80.00	-30.00	0.00177	-70.00	-30.00	0.00197
-60.00	-30.00	0.00221	-50.00	-30.00	0.00248
-40.00	-30.00	0.00279	-30.00	-30.00	0.00313
-25.00	-30.00	0.00332	-20.00	-30.00	0.00350
-17.00	-30.00	0.00361	-15.00	-30.00	0.00369
-13.00	-30.00	0.00378	-11.00	-30.00	0.00387
-9.00	-30.00	0.00399	9.00	-30.00	0.00759
11.00	-30.00	0.00767	13.00	-30.00	0.00773
15.00	-30.00	0.00776	17.00	-30.00	0.00775
20.00	-30.00	0.00767	25.00	-30.00	0.00742
30.00	-30.00	0.00709	40.00	-30.00	0.00634
50.00	-30.00	0.00562	60.00	-30.00	0.00498
70.00	-30.00	0.00443	80.00	-30.00	0.00396
90.00	-30.00	0.00356	100.00	-30.00	0.00322
-100.00	-20.00	0.00144	-90.00	-20.00	0.00159
-80.00	-20.00	0.00176	-70.00	-20.00	0.00197
-60.00	-20.00	0.00220	-50.00	-20.00	0.00248

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-40.00	-20.00	0.00279	-30.00	-20.00	0.00313
-25.00	-20.00	0.00331	-20.00	-20.00	0.00349
-17.00	-20.00	0.00360	-15.00	-20.00	0.00368
-13.00	-20.00	0.00377	-11.00	-20.00	0.00386
-9.00	-20.00	0.00398	9.00	-20.00	0.00758
11.00	-20.00	0.00766	13.00	-20.00	0.00772
15.00	-20.00	0.00774	17.00	-20.00	0.00773
20.00	-20.00	0.00766	25.00	-20.00	0.00741
30.00	-20.00	0.00708	40.00	-20.00	0.00633
50.00	-20.00	0.00561	60.00	-20.00	0.00497
70.00	-20.00	0.00441	80.00	-20.00	0.00394
90.00	-20.00	0.00354	100.00	-20.00	0.00319

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

09:58:54

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00143	-90.00	-10.00	0.00159
-80.00	-10.00	0.00176	-70.00	-10.00	0.00196
-60.00	-10.00	0.00220	-50.00	-10.00	0.00247
-40.00	-10.00	0.00278	-30.00	-10.00	0.00312
-25.00	-10.00	0.00330	-20.00	-10.00	0.00348
-17.00	-10.00	0.00359	-15.00	-10.00	0.00367
-13.00	-10.00	0.00376	-11.00	-10.00	0.00385
-9.00	-10.00	0.00397	9.00	-10.00	0.00757
11.00	-10.00	0.00764	13.00	-10.00	0.00771
15.00	-10.00	0.00773	17.00	-10.00	0.00772
20.00	-10.00	0.00764	25.00	-10.00	0.00740
30.00	-10.00	0.00706	40.00	-10.00	0.00631
50.00	-10.00	0.00559	60.00	-10.00	0.00495
70.00	-10.00	0.00439	80.00	-10.00	0.00392
90.00	-10.00	0.00351	100.00	-10.00	0.00317
-100.00	0.00	0.00143	-90.00	0.00	0.00158
-80.00	0.00	0.00176	-70.00	0.00	0.00196
-60.00	0.00	0.00219	-50.00	0.00	0.00246
-40.00	0.00	0.00277	-30.00	0.00	0.00311
-25.00	0.00	0.00329	-20.00	0.00	0.00347
-17.00	0.00	0.00358	-15.00	0.00	0.00366
-13.00	0.00	0.00374	-11.00	0.00	0.00384

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-9.00	0.00	0.00395	9.00	0.00	0.00755
11.00	0.00	0.00763	13.00	0.00	0.00769
15.00	0.00	0.00771	17.00	0.00	0.00770
20.00	0.00	0.00763	25.00	0.00	0.00738
30.00	0.00	0.00705	40.00	0.00	0.00629
50.00	0.00	0.00557	60.00	0.00	0.00492
70.00	0.00	0.00437	80.00	0.00	0.00389
90.00	0.00	0.00349	100.00	0.00	0.00314
-100.00	10.00	0.00143	-90.00	10.00	0.00158
-80.00	10.00	0.00175	-70.00	10.00	0.00195
-60.00	10.00	0.00218	-50.00	10.00	0.00245
-40.00	10.00	0.00276	-30.00	10.00	0.00310
-25.00	10.00	0.00328	-20.00	10.00	0.00346
-17.00	10.00	0.00357	-15.00	10.00	0.00365
-13.00	10.00	0.00373	-11.00	10.00	0.00382
-9.00	10.00	0.00394	9.00	10.00	0.00753
11.00	10.00	0.00761	13.00	10.00	0.00767
15.00	10.00	0.00769	17.00	10.00	0.00768

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

09:58:54
 **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	0.00761	25.00	10.00	0.00736
30.00	10.00	0.00703	40.00	10.00	0.00627
50.00	10.00	0.00554	60.00	10.00	0.00490
70.00	10.00	0.00434	80.00	10.00	0.00386
90.00	10.00	0.00345	100.00	10.00	0.00310
-100.00	20.00	0.00142	-90.00	20.00	0.00157
-80.00	20.00	0.00174	-70.00	20.00	0.00194
-60.00	20.00	0.00218	-50.00	20.00	0.00244
-40.00	20.00	0.00275	-30.00	20.00	0.00309
-25.00	20.00	0.00326	-20.00	20.00	0.00345
-17.00	20.00	0.00356	-15.00	20.00	0.00363
-13.00	20.00	0.00372	-11.00	20.00	0.00381
-9.00	20.00	0.00392	9.00	20.00	0.00752
11.00	20.00	0.00759	13.00	20.00	0.00765
15.00	20.00	0.00768	17.00	20.00	0.00767
20.00	20.00	0.00759	25.00	20.00	0.00734

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00700	40.00	20.00	0.00625
50.00	20.00	0.00552	60.00	20.00	0.00487
70.00	20.00	0.00431	80.00	20.00	0.00383
90.00	20.00	0.00342	100.00	20.00	0.00306
-100.00	30.00	0.00141	-90.00	30.00	0.00156
-80.00	30.00	0.00173	-70.00	30.00	0.00193
-60.00	30.00	0.00217	-50.00	30.00	0.00243
-40.00	30.00	0.00274	-30.00	30.00	0.00307
-25.00	30.00	0.00325	-20.00	30.00	0.00343
-17.00	30.00	0.00354	-15.00	30.00	0.00362
-13.00	30.00	0.00370	-11.00	30.00	0.00379
-9.00	30.00	0.00390	9.00	30.00	0.00750
11.00	30.00	0.00758	13.00	30.00	0.00763
15.00	30.00	0.00766	17.00	30.00	0.00764
20.00	30.00	0.00757	25.00	30.00	0.00732
30.00	30.00	0.00698	40.00	30.00	0.00622
50.00	30.00	0.00548	60.00	30.00	0.00483
70.00	30.00	0.00427	80.00	30.00	0.00379
90.00	30.00	0.00337	100.00	30.00	0.00302
-100.00	40.00	0.00140	-90.00	40.00	0.00155
-80.00	40.00	0.00172	-70.00	40.00	0.00192
-60.00	40.00	0.00215	-50.00	40.00	0.00242
-40.00	40.00	0.00272	-30.00	40.00	0.00305
-25.00	40.00	0.00323	-20.00	40.00	0.00341

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

09:58:54
 **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	0.00352	-15.00	40.00	0.00360
-13.00	40.00	0.00368	-11.00	40.00	0.00378
-9.00	40.00	0.00389	9.00	40.00	0.00748
11.00	40.00	0.00756	13.00	40.00	0.00760
15.00	40.00	0.00763	17.00	40.00	0.00762
20.00	40.00	0.00754	25.00	40.00	0.00729
30.00	40.00	0.00695	40.00	40.00	0.00618
50.00	40.00	0.00545	60.00	40.00	0.00479
70.00	40.00	0.00423	80.00	40.00	0.00374
90.00	40.00	0.00333	100.00	40.00	0.00297

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-100.00	50.00	0.00139	-90.00	50.00	0.00154
-80.00	50.00	0.00171	-70.00	50.00	0.00191
-60.00	50.00	0.00214	-50.00	50.00	0.00241
-40.00	50.00	0.00271	-30.00	50.00	0.00304
-25.00	50.00	0.00321	-20.00	50.00	0.00339
-17.00	50.00	0.00350	-15.00	50.00	0.00358
-13.00	50.00	0.00366	-11.00	50.00	0.00375
-9.00	50.00	0.00387	9.00	50.00	0.00745
11.00	50.00	0.00753	13.00	50.00	0.00758
15.00	50.00	0.00760	17.00	50.00	0.00759
20.00	50.00	0.00751	25.00	50.00	0.00726
30.00	50.00	0.00691	40.00	50.00	0.00615
50.00	50.00	0.00541	60.00	50.00	0.00475
70.00	50.00	0.00418	80.00	50.00	0.00369
90.00	50.00	0.00327	100.00	50.00	0.00291
-100.00	60.00	0.00138	-90.00	60.00	0.00153
-80.00	60.00	0.00169	-70.00	60.00	0.00189
-60.00	60.00	0.00212	-50.00	60.00	0.00239
-40.00	60.00	0.00269	-30.00	60.00	0.00302
-25.00	60.00	0.00319	-20.00	60.00	0.00337
-17.00	60.00	0.00348	-15.00	60.00	0.00355
-13.00	60.00	0.00363	-11.00	60.00	0.00373
-9.00	60.00	0.00384	9.00	60.00	0.00741
11.00	60.00	0.00749	13.00	60.00	0.00755
15.00	60.00	0.00757	17.00	60.00	0.00756
20.00	60.00	0.00748	25.00	60.00	0.00722
30.00	60.00	0.00687	40.00	60.00	0.00611
50.00	60.00	0.00536	60.00	60.00	0.00470
70.00	60.00	0.00413	80.00	60.00	0.00363
90.00	60.00	0.00321	100.00	60.00	0.00285

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

09:58:54
 **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	0.00137	-90.00	70.00	0.00151
-80.00	70.00	0.00168	-70.00	70.00	0.00188
-60.00	70.00	0.00210	-50.00	70.00	0.00237
-40.00	70.00	0.00267	-30.00	70.00	0.00300

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-25.00	70.00	0.00317	-20.00	70.00	0.00334
-17.00	70.00	0.00345	-15.00	70.00	0.00353
-13.00	70.00	0.00361	-11.00	70.00	0.00370
-9.00	70.00	0.00381	9.00	70.00	0.00738
11.00	70.00	0.00745	13.00	70.00	0.00751
15.00	70.00	0.00753	17.00	70.00	0.00752
20.00	70.00	0.00743	25.00	70.00	0.00718
30.00	70.00	0.00683	40.00	70.00	0.00606
50.00	70.00	0.00531	60.00	70.00	0.00464
70.00	70.00	0.00406	80.00	70.00	0.00357
90.00	70.00	0.00314	100.00	70.00	0.00278
-100.00	80.00	0.00135	-90.00	80.00	0.00150
-80.00	80.00	0.00166	-70.00	80.00	0.00186
-60.00	80.00	0.00208	-50.00	80.00	0.00235
-40.00	80.00	0.00265	-30.00	80.00	0.00297
-25.00	80.00	0.00314	-20.00	80.00	0.00332
-17.00	80.00	0.00342	-15.00	80.00	0.00350
-13.00	80.00	0.00358	-11.00	80.00	0.00366
-9.00	80.00	0.00378	9.00	80.00	0.00734
11.00	80.00	0.00741	13.00	80.00	0.00747
15.00	80.00	0.00749	17.00	80.00	0.00747
20.00	80.00	0.00739	25.00	80.00	0.00713
30.00	80.00	0.00678	40.00	80.00	0.00600
50.00	80.00	0.00525	60.00	80.00	0.00457
70.00	80.00	0.00399	80.00	80.00	0.00349
90.00	80.00	0.00306	100.00	80.00	0.00270
-100.00	90.00	0.00134	-90.00	90.00	0.00148
-80.00	90.00	0.00164	-70.00	90.00	0.00184
-60.00	90.00	0.00206	-50.00	90.00	0.00232
-40.00	90.00	0.00262	-30.00	90.00	0.00294
-25.00	90.00	0.00311	-20.00	90.00	0.00328
-17.00	90.00	0.00339	-15.00	90.00	0.00346
-13.00	90.00	0.00354	-11.00	90.00	0.00363
-9.00	90.00	0.00374	9.00	90.00	0.00729
11.00	90.00	0.00737	13.00	90.00	0.00742
15.00	90.00	0.00744	17.00	90.00	0.00742

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

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

09:58:54

**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 ***

02NCRA PL92-300 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	0.00734	25.00	90.00	0.00708
30.00	90.00	0.00673	40.00	90.00	0.00594
50.00	90.00	0.00517	60.00	90.00	0.00449
70.00	90.00	0.00390	80.00	90.00	0.00340
90.00	90.00	0.00297	100.00	90.00	0.00260
-100.00	100.00	0.00132	-90.00	100.00	0.00146
-80.00	100.00	0.00162	-70.00	100.00	0.00181
-60.00	100.00	0.00204	-50.00	100.00	0.00230
-40.00	100.00	0.00259	-30.00	100.00	0.00291
-25.00	100.00	0.00308	-20.00	100.00	0.00325
-17.00	100.00	0.00335	-15.00	100.00	0.00342
-13.00	100.00	0.00350	-11.00	100.00	0.00359
-9.00	100.00	0.00370	9.00	100.00	0.00724
11.00	100.00	0.00731	13.00	100.00	0.00737
15.00	100.00	0.00738	17.00	100.00	0.00737
20.00	100.00	0.00728	25.00	100.00	0.00701
30.00	100.00	0.00666	40.00	100.00	0.00586
50.00	100.00	0.00509	60.00	100.00	0.00440
70.00	100.00	0.00380	80.00	100.00	0.00329
90.00	100.00	0.00286	100.00	100.00	0.00250
-100.00	110.00	0.00131	-90.00	110.00	0.00144
-80.00	110.00	0.00160	-70.00	110.00	0.00179
-60.00	110.00	0.00201	-50.00	110.00	0.00226
-40.00	110.00	0.00256	-30.00	110.00	0.00288
-25.00	110.00	0.00304	-20.00	110.00	0.00321
-17.00	110.00	0.00331	-15.00	110.00	0.00338
-13.00	110.00	0.00346	-11.00	110.00	0.00354
-9.00	110.00	0.00365	9.00	110.00	0.00718
11.00	110.00	0.00725	13.00	110.00	0.00730
15.00	110.00	0.00732	17.00	110.00	0.00730
20.00	110.00	0.00721	25.00	110.00	0.00694
30.00	110.00	0.00658	40.00	110.00	0.00577
50.00	110.00	0.00498	60.00	110.00	0.00428
70.00	110.00	0.00368	80.00	110.00	0.00317
90.00	110.00	0.00274	100.00	110.00	0.00238
-100.00	120.00	0.00129	-90.00	120.00	0.00142
-80.00	120.00	0.00158	-70.00	120.00	0.00176
-60.00	120.00	0.00197	-50.00	120.00	0.00223
-40.00	120.00	0.00252	-30.00	120.00	0.00283
-25.00	120.00	0.00300	-20.00	120.00	0.00316

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

*** NCRA Cumulative DPM Impacts

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

09:58:54
 **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	0.00327	-15.00	120.00	0.00334
-13.00	120.00	0.00341	-11.00	120.00	0.00349
-9.00	120.00	0.00360	9.00	120.00	0.00712
11.00	120.00	0.00718	13.00	120.00	0.00723
15.00	120.00	0.00724	17.00	120.00	0.00722
20.00	120.00	0.00713	25.00	120.00	0.00685
30.00	120.00	0.00648	40.00	120.00	0.00565
50.00	120.00	0.00485	60.00	120.00	0.00415
70.00	120.00	0.00354	80.00	120.00	0.00303
90.00	120.00	0.00260	100.00	120.00	0.00224
-100.00	130.00	0.00127	-90.00	130.00	0.00140
-80.00	130.00	0.00155	-70.00	130.00	0.00173
-60.00	130.00	0.00194	-50.00	130.00	0.00219
-40.00	130.00	0.00247	-30.00	130.00	0.00279
-25.00	130.00	0.00295	-20.00	130.00	0.00311
-17.00	130.00	0.00321	-15.00	130.00	0.00328
-13.00	130.00	0.00335	-11.00	130.00	0.00344
-9.00	130.00	0.00354	9.00	130.00	0.00704
11.00	130.00	0.00710	13.00	130.00	0.00714
15.00	130.00	0.00715	17.00	130.00	0.00712
20.00	130.00	0.00703	25.00	130.00	0.00674
30.00	130.00	0.00636	40.00	130.00	0.00551
50.00	130.00	0.00470	60.00	130.00	0.00398
70.00	130.00	0.00337	80.00	130.00	0.00286
90.00	130.00	0.00243	100.00	130.00	0.00208
-100.00	140.00	0.00125	-90.00	140.00	0.00138
-80.00	140.00	0.00152	-70.00	140.00	0.00170
-60.00	140.00	0.00190	-50.00	140.00	0.00214
-40.00	140.00	0.00242	-30.00	140.00	0.00273
-25.00	140.00	0.00289	-20.00	140.00	0.00305
-17.00	140.00	0.00315	-15.00	140.00	0.00321
-13.00	140.00	0.00328	-11.00	140.00	0.00337
-9.00	140.00	0.00347	9.00	140.00	0.00693
11.00	140.00	0.00700	13.00	140.00	0.00703
15.00	140.00	0.00704	17.00	140.00	0.00701
20.00	140.00	0.00690	25.00	140.00	0.00660

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

30.00	140.00	0.00620	40.00	140.00	0.00534
50.00	140.00	0.00450	60.00	140.00	0.00378
70.00	140.00	0.00317	80.00	140.00	0.00266
90.00	140.00	0.00224	100.00	140.00	0.00190

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

09:58:54
 **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	0.00123	-90.00	150.00	0.00135
-80.00	150.00	0.00149	-70.00	150.00	0.00166
-60.00	150.00	0.00186	-50.00	150.00	0.00209
-40.00	150.00	0.00237	-30.00	150.00	0.00267
-25.00	150.00	0.00283	-20.00	150.00	0.00298
-17.00	150.00	0.00307	-15.00	150.00	0.00314
-13.00	150.00	0.00320	-11.00	150.00	0.00328
-9.00	150.00	0.00338	9.00	150.00	0.00681
11.00	150.00	0.00686	13.00	150.00	0.00690
15.00	150.00	0.00690	17.00	150.00	0.00686
20.00	150.00	0.00675	25.00	150.00	0.00642
30.00	150.00	0.00601	40.00	150.00	0.00511
50.00	150.00	0.00426	60.00	150.00	0.00353
70.00	150.00	0.00292	80.00	150.00	0.00243
90.00	150.00	0.00203	100.00	150.00	0.00171
-100.00	160.00	0.00120	-90.00	160.00	0.00132
-80.00	160.00	0.00146	-70.00	160.00	0.00163
-60.00	160.00	0.00182	-50.00	160.00	0.00204
-40.00	160.00	0.00230	-30.00	160.00	0.00260
-25.00	160.00	0.00275	-20.00	160.00	0.00290
-17.00	160.00	0.00299	-15.00	160.00	0.00305
-13.00	160.00	0.00311	-11.00	160.00	0.00319
-9.00	160.00	0.00328	9.00	160.00	0.00665
11.00	160.00	0.00670	13.00	160.00	0.00673
15.00	160.00	0.00672	17.00	160.00	0.00667
20.00	160.00	0.00654	25.00	160.00	0.00619
30.00	160.00	0.00576	40.00	160.00	0.00482
50.00	160.00	0.00396	60.00	160.00	0.00323
70.00	160.00	0.00263	80.00	160.00	0.00216
90.00	160.00	0.00179	100.00	160.00	0.00151

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-100.00	170.00	0.00117	-90.00	170.00	0.00129
-80.00	170.00	0.00143	-70.00	170.00	0.00159
-60.00	170.00	0.00177	-50.00	170.00	0.00198
-40.00	170.00	0.00223	-30.00	170.00	0.00251
-25.00	170.00	0.00266	-20.00	170.00	0.00280
-17.00	170.00	0.00289	-15.00	170.00	0.00294
-13.00	170.00	0.00301	-11.00	170.00	0.00307
-9.00	170.00	0.00316	9.00	170.00	0.00646
11.00	170.00	0.00649	13.00	170.00	0.00651
15.00	170.00	0.00648	17.00	170.00	0.00642

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

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00627	25.00	170.00	0.00589
30.00	170.00	0.00542	40.00	170.00	0.00445
50.00	170.00	0.00357	60.00	170.00	0.00285
70.00	170.00	0.00229	80.00	170.00	0.00187
90.00	170.00	0.00155	100.00	170.00	0.00130
-100.00	180.00	0.00114	-90.00	180.00	0.00125
-80.00	180.00	0.00138	-70.00	180.00	0.00154
-60.00	180.00	0.00172	-50.00	180.00	0.00192
-40.00	180.00	0.00216	-30.00	180.00	0.00241
-25.00	180.00	0.00255	-20.00	180.00	0.00269
-17.00	180.00	0.00277	-15.00	180.00	0.00282
-13.00	180.00	0.00288	-11.00	180.00	0.00294
-9.00	180.00	0.00302	9.00	180.00	0.00620
11.00	180.00	0.00622	13.00	180.00	0.00621
15.00	180.00	0.00616	17.00	180.00	0.00608
20.00	180.00	0.00589	25.00	180.00	0.00546
30.00	180.00	0.00495	40.00	180.00	0.00394
50.00	180.00	0.00308	60.00	180.00	0.00242
70.00	180.00	0.00193	80.00	180.00	0.00157
90.00	180.00	0.00130	100.00	180.00	0.00109
-100.00	190.00	0.00110	-90.00	190.00	0.00121
-80.00	190.00	0.00134	-70.00	190.00	0.00148
-60.00	190.00	0.00166	-50.00	190.00	0.00185
-40.00	190.00	0.00207	-30.00	190.00	0.00231

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

-25.00	190.00	0.00243	-20.00	190.00	0.00255
-17.00	190.00	0.00263	-15.00	190.00	0.00268
-13.00	190.00	0.00273	-11.00	190.00	0.00279
-9.00	190.00	0.00286	9.00	190.00	0.00585
11.00	190.00	0.00583	13.00	190.00	0.00579
15.00	190.00	0.00570	17.00	190.00	0.00558
20.00	190.00	0.00534	25.00	190.00	0.00484
30.00	190.00	0.00429	40.00	190.00	0.00327
50.00	190.00	0.00249	60.00	190.00	0.00194
70.00	190.00	0.00155	80.00	190.00	0.00126
90.00	190.00	0.00105	100.00	190.00	0.00089
-100.00	200.00	0.00106	-90.00	200.00	0.00116
-80.00	200.00	0.00128	-70.00	200.00	0.00142
-60.00	200.00	0.00159	-50.00	200.00	0.00177
-40.00	200.00	0.00198	-30.00	200.00	0.00220
-25.00	200.00	0.00230	-20.00	200.00	0.00241

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

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00247	-15.00	200.00	0.00251
-13.00	200.00	0.00256	-11.00	200.00	0.00261
-9.00	200.00	0.00267	9.00	200.00	0.00533
11.00	200.00	0.00524	13.00	200.00	0.00513
15.00	200.00	0.00498	17.00	200.00	0.00480
20.00	200.00	0.00448	25.00	200.00	0.00391
30.00	200.00	0.00335	40.00	200.00	0.00247
50.00	200.00	0.00187	60.00	200.00	0.00147
70.00	200.00	0.00119	80.00	200.00	0.00099
90.00	200.00	0.00084	100.00	200.00	0.00072
-100.00	210.00	0.00102	-90.00	210.00	0.00111
-80.00	210.00	0.00122	-70.00	210.00	0.00135
-60.00	210.00	0.00150	-50.00	210.00	0.00168
-40.00	210.00	0.00187	-30.00	210.00	0.00207
-25.00	210.00	0.00217	-20.00	210.00	0.00226
-17.00	210.00	0.00231	-15.00	210.00	0.00233
-13.00	210.00	0.00236	-11.00	210.00	0.00240
-9.00	210.00	0.00245	9.00	210.00	0.00441

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

11.00	210.00	0.00419	13.00	210.00	0.00396
15.00	210.00	0.00372	17.00	210.00	0.00347
20.00	210.00	0.00312	25.00	210.00	0.00262
30.00	210.00	0.00222	40.00	210.00	0.00166
50.00	210.00	0.00130	60.00	210.00	0.00106
70.00	210.00	0.00089	80.00	210.00	0.00076
90.00	210.00	0.00066	100.00	210.00	0.00059
-100.00	220.00	0.00096	-90.00	220.00	0.00105
-80.00	220.00	0.00115	-70.00	220.00	0.00127
-60.00	220.00	0.00140	-50.00	220.00	0.00156
-40.00	220.00	0.00173	-30.00	220.00	0.00191
-25.00	220.00	0.00199	-20.00	220.00	0.00207
-17.00	220.00	0.00210	-15.00	220.00	0.00212
-13.00	220.00	0.00214	-11.00	220.00	0.00216
-9.00	220.00	0.00218	9.00	220.00	0.00236
11.00	220.00	0.00211	13.00	220.00	0.00193
15.00	220.00	0.00180	17.00	220.00	0.00170
20.00	220.00	0.00157	25.00	220.00	0.00140
30.00	220.00	0.00126	40.00	220.00	0.00105
50.00	220.00	0.00089	60.00	220.00	0.00077
70.00	220.00	0.00067	80.00	220.00	0.00060
90.00	220.00	0.00053	100.00	220.00	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 09:58:54
 MODELOPTs: * Maximum train overlap at North/South Bound Direction ***
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00090	-90.00	230.00	0.00098
-80.00	230.00	0.00107	-70.00	230.00	0.00116
-60.00	230.00	0.00128	-50.00	230.00	0.00140
-40.00	230.00	0.00154	-30.00	230.00	0.00167
-25.00	230.00	0.00172	-20.00	230.00	0.00175
-17.00	230.00	0.00175	-15.00	230.00	0.00174
-13.00	230.00	0.00172	-11.00	230.00	0.00167
-9.00	230.00	0.00160	9.00	230.00	0.00088
11.00	230.00	0.00087	13.00	230.00	0.00087
15.00	230.00	0.00086	17.00	230.00	0.00085
20.00	230.00	0.00084	25.00	230.00	0.00081
30.00	230.00	0.00077	40.00	230.00	0.00070

02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00063	60.00	230.00	0.00057
70.00	230.00	0.00052	80.00	230.00	0.00047
90.00	230.00	0.00043	100.00	230.00	0.00040
-100.00	240.00	0.00084	-90.00	240.00	0.00091
-80.00	240.00	0.00098	-70.00	240.00	0.00106
-60.00	240.00	0.00115	-50.00	240.00	0.00124
-40.00	240.00	0.00132	-30.00	240.00	0.00136
-25.00	240.00	0.00134	-20.00	240.00	0.00128
-17.00	240.00	0.00121	-15.00	240.00	0.00116
-13.00	240.00	0.00109	-11.00	240.00	0.00102
-9.00	240.00	0.00095	9.00	240.00	0.00063
11.00	240.00	0.00063	13.00	240.00	0.00062
15.00	240.00	0.00061	17.00	240.00	0.00060
20.00	240.00	0.00059	25.00	240.00	0.00057
30.00	240.00	0.00056	40.00	240.00	0.00052
50.00	240.00	0.00048	60.00	240.00	0.00045
70.00	240.00	0.00042	80.00	240.00	0.00039
90.00	240.00	0.00036	100.00	240.00	0.00034
-100.00	250.00	0.00078	-90.00	250.00	0.00083
-80.00	250.00	0.00089	-70.00	250.00	0.00095
-60.00	250.00	0.00100	-50.00	250.00	0.00105
-40.00	250.00	0.00106	-30.00	250.00	0.00101
-25.00	250.00	0.00094	-20.00	250.00	0.00086
-17.00	250.00	0.00080	-15.00	250.00	0.00076
-13.00	250.00	0.00072	-11.00	250.00	0.00069
-9.00	250.00	0.00065	9.00	250.00	0.00049
11.00	250.00	0.00049	13.00	250.00	0.00049
15.00	250.00	0.00048	17.00	250.00	0.00048

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

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00047	25.00	250.00	0.00045
30.00	250.00	0.00044	40.00	250.00	0.00041
50.00	250.00	0.00039	60.00	250.00	0.00037
70.00	250.00	0.00035	80.00	250.00	0.00033
90.00	250.00	0.00031	100.00	250.00	0.00029

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

04/20/08

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

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CONC URBAN FLAT FLGPOL DFAULT

*** THE 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	0.00630 AT (15.00, 150.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00629 AT (13.00, 150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00627 AT (17.00, 150.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00625 AT (13.00, 160.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00625 AT (15.00, 160.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00625 AT (11.00, 150.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00622 AT (11.00, 160.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00621 AT (17.00, 160.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00619 AT (15.00, 140.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00618 AT (9.00, 150.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00630 AT (15.00, 60.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00629 AT (13.00, 60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00627 AT (17.00, 60.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00625 AT (13.00, 70.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00625 AT (15.00, 70.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00625 AT (11.00, 60.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00622 AT (11.00, 70.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00621 AT (17.00, 70.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00619 AT (15.00, 50.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00618 AT (9.00, 60.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00630 AT (15.00, -30.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00629 AT (13.00, -30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00627 AT (17.00, -30.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00625 AT (13.00, -20.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00625 AT (15.00, -20.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00625 AT (11.00, -30.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00622 AT (11.00, -20.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00621 AT (17.00, -20.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00619 AT (15.00, -40.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00618 AT (9.00, -30.00, 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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00630 AT (15.00, -120.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00629 AT (13.00, -120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00627 AT (17.00, -120.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00625 AT (13.00, -110.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00625 AT (15.00, -110.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00625 AT (11.00, -120.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00622 AT (11.00, -110.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00621 AT (17.00, -110.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00619 AT (15.00, -130.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00618 AT (9.00, -120.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00630 AT (15.00, -210.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00629 AT (13.00, -210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00627 AT (17.00, -210.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00625 AT (13.00, -200.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00625 AT (15.00, -200.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00625 AT (11.00, -210.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00622 AT (11.00, -200.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00621 AT (17.00, -200.00, 0.00, 1.20)	DC	NA

		02NCRA_PL92-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00619	AT (	15.00,	-220.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00618	AT (	9.00,	-210.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00779	AT (	15.00,	-100.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00779	AT (	15.00,	-110.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00779	AT (	15.00,	-90.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00779	AT (	15.00,	-80.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00779	AT (	15.00,	-70.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00778	AT (	15.00,	-120.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00778	AT (	15.00,	-60.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00778	AT (	17.00,	-110.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00778	AT (	17.00,	-100.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00778	AT (	17.00,	-80.00,	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 ***

09:58:54

**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 4 Informational Message(s)
 A Total of 4 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
