

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 10:17:44

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Petaluma\05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA_S1 AREA -4.5 135.0 0

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

SO LOCATION NCRA_S2 AREA -4.5 45.0 0

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

SO LOCATION NCRA_S3 AREA -4.5 -45.0 0

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

SO LOCATION NCRA_S4 AREA -4.5 -135.0 0

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

SO LOCATION NCRA_S5 AREA -4.5 -225.0 0

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

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

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

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

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

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

SO SRCGROUP NCRA_S1 NCRA_S1

SO SRCGROUP NCRA_S2 NCRA_S2

SO SRCGROUP NCRA_S3 NCRA_S3

SO SRCGROUP NCRA_S4 NCRA_S4

SO SRCGROUP NCRA_S5 NCRA_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

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

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

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

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

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

RE DISCCART	-20.0	-180.0	1.2
RE DISCCART	-17.0	-180.0	1.2
RE DISCCART	-15.0	-180.0	1.2
RE DISCCART	-13.0	-180.0	1.2
RE DISCCART	-11.0	-180.0	1.2
RE DISCCART	-9.0	-180.0	1.2
RE DISCCART	9.0	-180.0	1.2
RE DISCCART	11.0	-180.0	1.2
RE DISCCART	13.0	-180.0	1.2
RE DISCCART	15.0	-180.0	1.2
RE DISCCART	17.0	-180.0	1.2
RE DISCCART	20.0	-180.0	1.2
RE DISCCART	25.0	-180.0	1.2
RE DISCCART	30.0	-180.0	1.2
RE DISCCART	40.0	-180.0	1.2
RE DISCCART	50.0	-180.0	1.2
RE DISCCART	60.0	-180.0	1.2
RE DISCCART	70.0	-180.0	1.2
RE DISCCART	80.0	-180.0	1.2
RE DISCCART	90.0	-180.0	1.2
RE DISCCART	100.0	-180.0	1.2
RE DISCCART	-100.0	-170.0	1.2
RE DISCCART	-90.0	-170.0	1.2
RE DISCCART	-80.0	-170.0	1.2
RE DISCCART	-70.0	-170.0	1.2
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
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RE DISCCART	-100.0	-160.0	1.2
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RE DISCCART	-50.0	-160.0	1.2
RE DISCCART	-40.0	-160.0	1.2
RE DISCCART	-30.0	-160.0	1.2
RE DISCCART	-25.0	-160.0	1.2
RE DISCCART	-20.0	-160.0	1.2
RE DISCCART	-17.0	-160.0	1.2
RE DISCCART	-15.0	-160.0	1.2
RE DISCCART	-13.0	-160.0	1.2
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RE DISCCART	25.0	-160.0	1.2
RE DISCCART	30.0	-160.0	1.2
RE DISCCART	40.0	-160.0	1.2
RE DISCCART	50.0	-160.0	1.2
RE DISCCART	60.0	-160.0	1.2
RE DISCCART	70.0	-160.0	1.2
RE DISCCART	80.0	-160.0	1.2
RE DISCCART	90.0	-160.0	1.2
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RE DISCCART	-90.0	-150.0	1.2
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RE DISCCART	-70.0	-150.0	1.2
RE DISCCART	-60.0	-150.0	1.2
RE DISCCART	-50.0	-150.0	1.2
RE DISCCART	-40.0	-150.0	1.2

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

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

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

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RE DISCCART	-50.0	220.0	1.2
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RE DISCCART	-30.0	220.0	1.2
RE DISCCART	-25.0	220.0	1.2
RE DISCCART	-20.0	220.0	1.2
RE DISCCART	-17.0	220.0	1.2
RE DISCCART	-15.0	220.0	1.2
RE DISCCART	-13.0	220.0	1.2
RE DISCCART	-11.0	220.0	1.2
RE DISCCART	-9.0	220.0	1.2
RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
RE DISCCART	13.0	220.0	1.2
RE DISCCART	15.0	220.0	1.2
RE DISCCART	17.0	220.0	1.2
RE DISCCART	20.0	220.0	1.2
RE DISCCART	25.0	220.0	1.2
RE DISCCART	30.0	220.0	1.2
RE DISCCART	40.0	220.0	1.2
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
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RE DISCCART	30.0	230.0	1.2
RE DISCCART	40.0	230.0	1.2
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RE DISCCART	60.0	230.0	1.2
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RE DISCCART	80.0	230.0	1.2
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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\PET97300.ASC"
 ME ANEMHGHT 10 METERS
 ME SURFDATA 9901 1997
 ME UAIRDATA 9901 1997
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 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\05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

 *** SETUP Finishes Successfully ***

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

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

10:17:45

**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\05NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\05NCRA-1.LST

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

10:17:45

**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 rates and coordinates.

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

10:17:45

**MODELOPTs:

PAGE 3

CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

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

10:17:45

**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);

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

04/20/08

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

10:17:45
**MODELOPTs:

PAGE 6 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);

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:17:45
 **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);

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**MODELOPTs:
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

04/20/08

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

10:17:45
 **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);

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

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

05NCRA_PL97-300_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);

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:17:45
**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);

05NCRA_PL97-300_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 ***

10:17:45

**MODELOPTs:
PAGE 12

CONC URBAN FLAT FLGPOL DFAULT

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:17:45

**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);

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

10:17:45
 **MODELOPTs:
 PAGE 14
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

05NCRA_PL97-300_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 ***

10:17:45

**MODELOPTs:

PAGE 15

CONC

URBAN FLAT FLGPOL DFAULT

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

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

05NCRA_PL97-300_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:
PAGE 16
CONC

URBAN FLAT FLGPOL DFAULT

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:17:45

**MODELOPTs:

PAGE 17

CONC

URBAN FLAT FLGPOL DFAULT

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:17:45
 **MODELOPTs:
 PAGE 18
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**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);

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

04/20/08

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

10:17:45
**MODELOPTs:
PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

10:17:45
 **MODELOPTs:
 PAGE 21
 CONC

URBAN FLAT FLGPOL DFAULT

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

05NCRA_PL97-300_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)
97	01	01	01	350.0	10.01	289.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	6.0	6.75	289.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	358.0	4.65	289.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	355.0	4.60	289.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	25.0	3.67	289.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.62	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	46.0	3.53	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	37.0	2.82	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	66.0	1.74	287.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	6.0	2.64	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	33.0	4.38	289.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	23.0	1.83	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	313.0	2.59	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	38.0	2.82	289.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	55.0	1.88	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	33.0	2.24	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	35.0	1.74	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	44.0	1.92	288.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	89.0	1.43	288.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	234.0	1.12	288.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	291.0	1.03	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	309.0	1.12	288.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	317.0	2.10	288.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	296.0	2.77	287.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

04/20/08

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

10:17:45
**MODELOPTs:
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

10:17:45
 **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	0.00008	25.00	-230.00	0.00008
30.00	-230.00	0.00009	40.00	-230.00	0.00009
50.00	-230.00	0.00009	60.00	-230.00	0.00010
70.00	-230.00	0.00010	80.00	-230.00	0.00010
90.00	-230.00	0.00011	100.00	-230.00	0.00011
-100.00	-220.00	0.00004	-90.00	-220.00	0.00005
-80.00	-220.00	0.00005	-70.00	-220.00	0.00005
-60.00	-220.00	0.00005	-50.00	-220.00	0.00006
-40.00	-220.00	0.00006	-30.00	-220.00	0.00006
-25.00	-220.00	0.00007	-20.00	-220.00	0.00007
-17.00	-220.00	0.00007	-15.00	-220.00	0.00007

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

10:17:45
 **MODELOPTS:
 PAGE 25
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 10:17:45
 **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 **

05NCRA_PL97-300_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	0.00006
-80.00	-170.00	0.00006	-70.00	-170.00	0.00006
-60.00	-170.00	0.00007	-50.00	-170.00	0.00007
-40.00	-170.00	0.00008	-30.00	-170.00	0.00008
-25.00	-170.00	0.00008	-20.00	-170.00	0.00009
-17.00	-170.00	0.00009	-15.00	-170.00	0.00009
-13.00	-170.00	0.00009	-11.00	-170.00	0.00009
-9.00	-170.00	0.00009	9.00	-170.00	0.00010
11.00	-170.00	0.00011	13.00	-170.00	0.00011
15.00	-170.00	0.00011	17.00	-170.00	0.00011
20.00	-170.00	0.00011	25.00	-170.00	0.00011
30.00	-170.00	0.00012	40.00	-170.00	0.00012
50.00	-170.00	0.00013	60.00	-170.00	0.00014
70.00	-170.00	0.00014	80.00	-170.00	0.00014
90.00	-170.00	0.00015	100.00	-170.00	0.00015
-100.00	-160.00	0.00006	-90.00	-160.00	0.00006
-80.00	-160.00	0.00006	-70.00	-160.00	0.00007
-60.00	-160.00	0.00007	-50.00	-160.00	0.00007
-40.00	-160.00	0.00008	-30.00	-160.00	0.00008
-25.00	-160.00	0.00009	-20.00	-160.00	0.00009
-17.00	-160.00	0.00009	-15.00	-160.00	0.00009
-13.00	-160.00	0.00010	-11.00	-160.00	0.00010
-9.00	-160.00	0.00010	9.00	-160.00	0.00011
11.00	-160.00	0.00011	13.00	-160.00	0.00011
15.00	-160.00	0.00011	17.00	-160.00	0.00012
20.00	-160.00	0.00012	25.00	-160.00	0.00012
30.00	-160.00	0.00012	40.00	-160.00	0.00013
50.00	-160.00	0.00014	60.00	-160.00	0.00014
70.00	-160.00	0.00015	80.00	-160.00	0.00015
90.00	-160.00	0.00016	100.00	-160.00	0.00016
-100.00	-150.00	0.00006	-90.00	-150.00	0.00006
-80.00	-150.00	0.00006	-70.00	-150.00	0.00007
-60.00	-150.00	0.00007	-50.00	-150.00	0.00008
-40.00	-150.00	0.00008	-30.00	-150.00	0.00009
-25.00	-150.00	0.00009	-20.00	-150.00	0.00010
-17.00	-150.00	0.00010	-15.00	-150.00	0.00010
-13.00	-150.00	0.00010	-11.00	-150.00	0.00010
-9.00	-150.00	0.00010	9.00	-150.00	0.00012
11.00	-150.00	0.00012	13.00	-150.00	0.00012
15.00	-150.00	0.00012	17.00	-150.00	0.00012

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

*** NCRA Cumulative DPM Impacts

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

10:17:45
**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	0.00012	25.00	-150.00	0.00013
30.00	-150.00	0.00013	40.00	-150.00	0.00014
50.00	-150.00	0.00015	60.00	-150.00	0.00015
70.00	-150.00	0.00016	80.00	-150.00	0.00016
90.00	-150.00	0.00017	100.00	-150.00	0.00017
-100.00	-140.00	0.00006	-90.00	-140.00	0.00006
-80.00	-140.00	0.00007	-70.00	-140.00	0.00007
-60.00	-140.00	0.00008	-50.00	-140.00	0.00008
-40.00	-140.00	0.00009	-30.00	-140.00	0.00009
-25.00	-140.00	0.00010	-20.00	-140.00	0.00010
-17.00	-140.00	0.00010	-15.00	-140.00	0.00010
-13.00	-140.00	0.00011	-11.00	-140.00	0.00011
-9.00	-140.00	0.00011	9.00	-140.00	0.00012
11.00	-140.00	0.00012	13.00	-140.00	0.00013
15.00	-140.00	0.00013	17.00	-140.00	0.00013
20.00	-140.00	0.00013	25.00	-140.00	0.00014
30.00	-140.00	0.00014	40.00	-140.00	0.00015
50.00	-140.00	0.00016	60.00	-140.00	0.00016
70.00	-140.00	0.00017	80.00	-140.00	0.00017
90.00	-140.00	0.00018	100.00	-140.00	0.00018
-100.00	-130.00	0.00006	-90.00	-130.00	0.00007
-80.00	-130.00	0.00007	-70.00	-130.00	0.00007
-60.00	-130.00	0.00008	-50.00	-130.00	0.00008
-40.00	-130.00	0.00009	-30.00	-130.00	0.00010
-25.00	-130.00	0.00010	-20.00	-130.00	0.00011
-17.00	-130.00	0.00011	-15.00	-130.00	0.00011
-13.00	-130.00	0.00011	-11.00	-130.00	0.00011
-9.00	-130.00	0.00012	9.00	-130.00	0.00013
11.00	-130.00	0.00013	13.00	-130.00	0.00013
15.00	-130.00	0.00014	17.00	-130.00	0.00014
20.00	-130.00	0.00014	25.00	-130.00	0.00015
30.00	-130.00	0.00015	40.00	-130.00	0.00016
50.00	-130.00	0.00017	60.00	-130.00	0.00017
70.00	-130.00	0.00018	80.00	-130.00	0.00019
90.00	-130.00	0.00019	100.00	-130.00	0.00019
-100.00	-120.00	0.00007	-90.00	-120.00	0.00007
-80.00	-120.00	0.00007	-70.00	-120.00	0.00008

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

10:17:45
 **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	0.00011	-15.00	-120.00	0.00012
-13.00	-120.00	0.00012	-11.00	-120.00	0.00012
-9.00	-120.00	0.00012	9.00	-120.00	0.00014
11.00	-120.00	0.00014	13.00	-120.00	0.00014
15.00	-120.00	0.00015	17.00	-120.00	0.00015
20.00	-120.00	0.00015	25.00	-120.00	0.00016
30.00	-120.00	0.00016	40.00	-120.00	0.00017
50.00	-120.00	0.00018	60.00	-120.00	0.00019
70.00	-120.00	0.00019	80.00	-120.00	0.00020
90.00	-120.00	0.00020	100.00	-120.00	0.00021
-100.00	-110.00	0.00007	-90.00	-110.00	0.00007
-80.00	-110.00	0.00008	-70.00	-110.00	0.00008
-60.00	-110.00	0.00009	-50.00	-110.00	0.00009
-40.00	-110.00	0.00010	-30.00	-110.00	0.00011
-25.00	-110.00	0.00011	-20.00	-110.00	0.00012
-17.00	-110.00	0.00012	-15.00	-110.00	0.00012
-13.00	-110.00	0.00013	-11.00	-110.00	0.00013
-9.00	-110.00	0.00013	9.00	-110.00	0.00015
11.00	-110.00	0.00015	13.00	-110.00	0.00015
15.00	-110.00	0.00016	17.00	-110.00	0.00016
20.00	-110.00	0.00016	25.00	-110.00	0.00017
30.00	-110.00	0.00017	40.00	-110.00	0.00018
50.00	-110.00	0.00019	60.00	-110.00	0.00020
70.00	-110.00	0.00021	80.00	-110.00	0.00021
90.00	-110.00	0.00022	100.00	-110.00	0.00022
-100.00	-100.00	0.00007	-90.00	-100.00	0.00008
-80.00	-100.00	0.00008	-70.00	-100.00	0.00009
-60.00	-100.00	0.00009	-50.00	-100.00	0.00010
-40.00	-100.00	0.00011	-30.00	-100.00	0.00012
-25.00	-100.00	0.00012	-20.00	-100.00	0.00013
-17.00	-100.00	0.00013	-15.00	-100.00	0.00013

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-13.00	-100.00	0.00013	-11.00	-100.00	0.00014
-9.00	-100.00	0.00014	9.00	-100.00	0.00016
11.00	-100.00	0.00016	13.00	-100.00	0.00016
15.00	-100.00	0.00017	17.00	-100.00	0.00017
20.00	-100.00	0.00017	25.00	-100.00	0.00018
30.00	-100.00	0.00019	40.00	-100.00	0.00020
50.00	-100.00	0.00021	60.00	-100.00	0.00022
70.00	-100.00	0.00022	80.00	-100.00	0.00023
90.00	-100.00	0.00023	100.00	-100.00	0.00024

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

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

10:17:45
 **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	0.00009
-60.00	-90.00	0.00010	-50.00	-90.00	0.00010
-40.00	-90.00	0.00011	-30.00	-90.00	0.00012
-25.00	-90.00	0.00013	-20.00	-90.00	0.00013
-17.00	-90.00	0.00014	-15.00	-90.00	0.00014
-13.00	-90.00	0.00014	-11.00	-90.00	0.00014
-9.00	-90.00	0.00015	9.00	-90.00	0.00017
11.00	-90.00	0.00017	13.00	-90.00	0.00018
15.00	-90.00	0.00018	17.00	-90.00	0.00018
20.00	-90.00	0.00019	25.00	-90.00	0.00019
30.00	-90.00	0.00020	40.00	-90.00	0.00021
50.00	-90.00	0.00022	60.00	-90.00	0.00023
70.00	-90.00	0.00024	80.00	-90.00	0.00025
90.00	-90.00	0.00025	100.00	-90.00	0.00026
-100.00	-80.00	0.00008	-90.00	-80.00	0.00008
-80.00	-80.00	0.00009	-70.00	-80.00	0.00010
-60.00	-80.00	0.00010	-50.00	-80.00	0.00011
-40.00	-80.00	0.00012	-30.00	-80.00	0.00013
-25.00	-80.00	0.00014	-20.00	-80.00	0.00014
-17.00	-80.00	0.00015	-15.00	-80.00	0.00015
-13.00	-80.00	0.00015	-11.00	-80.00	0.00015
-9.00	-80.00	0.00016	9.00	-80.00	0.00018
11.00	-80.00	0.00019	13.00	-80.00	0.00019
15.00	-80.00	0.00019	17.00	-80.00	0.00020

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

20.00	-80.00	0.00020	25.00	-80.00	0.00021
30.00	-80.00	0.00022	40.00	-80.00	0.00023
50.00	-80.00	0.00024	60.00	-80.00	0.00025
70.00	-80.00	0.00026	80.00	-80.00	0.00027
90.00	-80.00	0.00027	100.00	-80.00	0.00028
-100.00	-70.00	0.00008	-90.00	-70.00	0.00009
-80.00	-70.00	0.00009	-70.00	-70.00	0.00010
-60.00	-70.00	0.00011	-50.00	-70.00	0.00012
-40.00	-70.00	0.00013	-30.00	-70.00	0.00014
-25.00	-70.00	0.00014	-20.00	-70.00	0.00015
-17.00	-70.00	0.00016	-15.00	-70.00	0.00016
-13.00	-70.00	0.00016	-11.00	-70.00	0.00017
-9.00	-70.00	0.00017	9.00	-70.00	0.00020
11.00	-70.00	0.00020	13.00	-70.00	0.00020
15.00	-70.00	0.00021	17.00	-70.00	0.00021

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

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

10:17:45
 **MODELOPTs:
 PAGE 30

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00022	25.00	-70.00	0.00023
30.00	-70.00	0.00023	40.00	-70.00	0.00025
50.00	-70.00	0.00026	60.00	-70.00	0.00027
70.00	-70.00	0.00028	80.00	-70.00	0.00029
90.00	-70.00	0.00029	100.00	-70.00	0.00030
-100.00	-60.00	0.00009	-90.00	-60.00	0.00009
-80.00	-60.00	0.00010	-70.00	-60.00	0.00011
-60.00	-60.00	0.00011	-50.00	-60.00	0.00012
-40.00	-60.00	0.00013	-30.00	-60.00	0.00015
-25.00	-60.00	0.00015	-20.00	-60.00	0.00016
-17.00	-60.00	0.00017	-15.00	-60.00	0.00017
-13.00	-60.00	0.00017	-11.00	-60.00	0.00018
-9.00	-60.00	0.00018	9.00	-60.00	0.00021
11.00	-60.00	0.00022	13.00	-60.00	0.00022
15.00	-60.00	0.00023	17.00	-60.00	0.00023
20.00	-60.00	0.00024	25.00	-60.00	0.00025
30.00	-60.00	0.00025	40.00	-60.00	0.00027
50.00	-60.00	0.00029	60.00	-60.00	0.00030
70.00	-60.00	0.00031	80.00	-60.00	0.00031

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

90.00	-60.00	0.00032	100.00	-60.00	0.00033
-100.00	-50.00	0.00009	-90.00	-50.00	0.00010
-80.00	-50.00	0.00010	-70.00	-50.00	0.00011
-60.00	-50.00	0.00012	-50.00	-50.00	0.00013
-40.00	-50.00	0.00014	-30.00	-50.00	0.00016
-25.00	-50.00	0.00017	-20.00	-50.00	0.00017
-17.00	-50.00	0.00018	-15.00	-50.00	0.00018
-13.00	-50.00	0.00019	-11.00	-50.00	0.00019
-9.00	-50.00	0.00019	9.00	-50.00	0.00023
11.00	-50.00	0.00024	13.00	-50.00	0.00024
15.00	-50.00	0.00025	17.00	-50.00	0.00025
20.00	-50.00	0.00026	25.00	-50.00	0.00027
30.00	-50.00	0.00028	40.00	-50.00	0.00030
50.00	-50.00	0.00031	60.00	-50.00	0.00032
70.00	-50.00	0.00033	80.00	-50.00	0.00034
90.00	-50.00	0.00035	100.00	-50.00	0.00036
-100.00	-40.00	0.00010	-90.00	-40.00	0.00010
-80.00	-40.00	0.00011	-70.00	-40.00	0.00012
-60.00	-40.00	0.00013	-50.00	-40.00	0.00014
-40.00	-40.00	0.00015	-30.00	-40.00	0.00017
-25.00	-40.00	0.00018	-20.00	-40.00	0.00019

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

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

10:17:45

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00019	-15.00	-40.00	0.00020
-13.00	-40.00	0.00020	-11.00	-40.00	0.00021
-9.00	-40.00	0.00021	9.00	-40.00	0.00025
11.00	-40.00	0.00026	13.00	-40.00	0.00026
15.00	-40.00	0.00027	17.00	-40.00	0.00027
20.00	-40.00	0.00028	25.00	-40.00	0.00029
30.00	-40.00	0.00031	40.00	-40.00	0.00033
50.00	-40.00	0.00034	60.00	-40.00	0.00036
70.00	-40.00	0.00037	80.00	-40.00	0.00038
90.00	-40.00	0.00039	100.00	-40.00	0.00040
-100.00	-30.00	0.00010	-90.00	-30.00	0.00011
-80.00	-30.00	0.00012	-70.00	-30.00	0.00013
-60.00	-30.00	0.00014	-50.00	-30.00	0.00015

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00016	-30.00	-30.00	0.00018
-25.00	-30.00	0.00019	-20.00	-30.00	0.00020
-17.00	-30.00	0.00021	-15.00	-30.00	0.00021
-13.00	-30.00	0.00022	-11.00	-30.00	0.00022
-9.00	-30.00	0.00023	9.00	-30.00	0.00028
11.00	-30.00	0.00028	13.00	-30.00	0.00029
15.00	-30.00	0.00030	17.00	-30.00	0.00030
20.00	-30.00	0.00031	25.00	-30.00	0.00032
30.00	-30.00	0.00034	40.00	-30.00	0.00036
50.00	-30.00	0.00038	60.00	-30.00	0.00039
70.00	-30.00	0.00040	80.00	-30.00	0.00042
90.00	-30.00	0.00043	100.00	-30.00	0.00044
-100.00	-20.00	0.00011	-90.00	-20.00	0.00012
-80.00	-20.00	0.00012	-70.00	-20.00	0.00013
-60.00	-20.00	0.00015	-50.00	-20.00	0.00016
-40.00	-20.00	0.00017	-30.00	-20.00	0.00019
-25.00	-20.00	0.00021	-20.00	-20.00	0.00022
-17.00	-20.00	0.00023	-15.00	-20.00	0.00023
-13.00	-20.00	0.00024	-11.00	-20.00	0.00024
-9.00	-20.00	0.00025	9.00	-20.00	0.00031
11.00	-20.00	0.00031	13.00	-20.00	0.00032
15.00	-20.00	0.00033	17.00	-20.00	0.00033
20.00	-20.00	0.00034	25.00	-20.00	0.00036
30.00	-20.00	0.00037	40.00	-20.00	0.00040
50.00	-20.00	0.00042	60.00	-20.00	0.00043
70.00	-20.00	0.00045	80.00	-20.00	0.00046
90.00	-20.00	0.00047	100.00	-20.00	0.00049

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

10:17:45
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00011	-90.00	-10.00	0.00012
-80.00	-10.00	0.00013	-70.00	-10.00	0.00014
-60.00	-10.00	0.00016	-50.00	-10.00	0.00017
-40.00	-10.00	0.00019	-30.00	-10.00	0.00021
-25.00	-10.00	0.00022	-20.00	-10.00	0.00024
-17.00	-10.00	0.00025	-15.00	-10.00	0.00025
-13.00	-10.00	0.00026	-11.00	-10.00	0.00027

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00027	9.00	-10.00	0.00034
11.00	-10.00	0.00035	13.00	-10.00	0.00035
15.00	-10.00	0.00036	17.00	-10.00	0.00037
20.00	-10.00	0.00038	25.00	-10.00	0.00040
30.00	-10.00	0.00042	40.00	-10.00	0.00044
50.00	-10.00	0.00046	60.00	-10.00	0.00048
70.00	-10.00	0.00050	80.00	-10.00	0.00051
90.00	-10.00	0.00053	100.00	-10.00	0.00054
-100.00	0.00	0.00012	-90.00	0.00	0.00013
-80.00	0.00	0.00014	-70.00	0.00	0.00015
-60.00	0.00	0.00017	-50.00	0.00	0.00018
-40.00	0.00	0.00020	-30.00	0.00	0.00023
-25.00	0.00	0.00024	-20.00	0.00	0.00026
-17.00	0.00	0.00027	-15.00	0.00	0.00028
-13.00	0.00	0.00028	-11.00	0.00	0.00029
-9.00	0.00	0.00030	9.00	0.00	0.00038
11.00	0.00	0.00039	13.00	0.00	0.00039
15.00	0.00	0.00040	17.00	0.00	0.00041
20.00	0.00	0.00043	25.00	0.00	0.00045
30.00	0.00	0.00047	40.00	0.00	0.00050
50.00	0.00	0.00052	60.00	0.00	0.00054
70.00	0.00	0.00056	80.00	0.00	0.00058
90.00	0.00	0.00059	100.00	0.00	0.00060
-100.00	10.00	0.00012	-90.00	10.00	0.00014
-80.00	10.00	0.00015	-70.00	10.00	0.00016
-60.00	10.00	0.00018	-50.00	10.00	0.00020
-40.00	10.00	0.00022	-30.00	10.00	0.00025
-25.00	10.00	0.00026	-20.00	10.00	0.00028
-17.00	10.00	0.00029	-15.00	10.00	0.00030
-13.00	10.00	0.00031	-11.00	10.00	0.00032
-9.00	10.00	0.00033	9.00	10.00	0.00042
11.00	10.00	0.00043	13.00	10.00	0.00044
15.00	10.00	0.00045	17.00	10.00	0.00046

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

10:17:45
 **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	0.00048	25.00	10.00	0.00050

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00053	40.00	10.00	0.00056
50.00	10.00	0.00059	60.00	10.00	0.00061
70.00	10.00	0.00063	80.00	10.00	0.00065
90.00	10.00	0.00067	100.00	10.00	0.00068
-100.00	20.00	0.00013	-90.00	20.00	0.00014
-80.00	20.00	0.00016	-70.00	20.00	0.00018
-60.00	20.00	0.00019	-50.00	20.00	0.00021
-40.00	20.00	0.00024	-30.00	20.00	0.00027
-25.00	20.00	0.00029	-20.00	20.00	0.00031
-17.00	20.00	0.00032	-15.00	20.00	0.00033
-13.00	20.00	0.00034	-11.00	20.00	0.00035
-9.00	20.00	0.00036	9.00	20.00	0.00048
11.00	20.00	0.00049	13.00	20.00	0.00050
15.00	20.00	0.00051	17.00	20.00	0.00053
20.00	20.00	0.00054	25.00	20.00	0.00057
30.00	20.00	0.00060	40.00	20.00	0.00064
50.00	20.00	0.00067	60.00	20.00	0.00070
70.00	20.00	0.00072	80.00	20.00	0.00074
90.00	20.00	0.00076	100.00	20.00	0.00076
-100.00	30.00	0.00013	-90.00	30.00	0.00015
-80.00	30.00	0.00017	-70.00	30.00	0.00019
-60.00	30.00	0.00021	-50.00	30.00	0.00023
-40.00	30.00	0.00026	-30.00	30.00	0.00029
-25.00	30.00	0.00031	-20.00	30.00	0.00034
-17.00	30.00	0.00036	-15.00	30.00	0.00037
-13.00	30.00	0.00038	-11.00	30.00	0.00039
-9.00	30.00	0.00041	9.00	30.00	0.00054
11.00	30.00	0.00056	13.00	30.00	0.00057
15.00	30.00	0.00059	17.00	30.00	0.00060
20.00	30.00	0.00062	25.00	30.00	0.00066
30.00	30.00	0.00068	40.00	30.00	0.00073
50.00	30.00	0.00077	60.00	30.00	0.00080
70.00	30.00	0.00083	80.00	30.00	0.00085
90.00	30.00	0.00086	100.00	30.00	0.00085
-100.00	40.00	0.00014	-90.00	40.00	0.00015
-80.00	40.00	0.00018	-70.00	40.00	0.00020
-60.00	40.00	0.00023	-50.00	40.00	0.00025
-40.00	40.00	0.00028	-30.00	40.00	0.00032
-25.00	40.00	0.00035	-20.00	40.00	0.00038

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**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	0.00039	-15.00	40.00	0.00041
-13.00	40.00	0.00042	-11.00	40.00	0.00044
-9.00	40.00	0.00045	9.00	40.00	0.00062
11.00	40.00	0.00064	13.00	40.00	0.00066
15.00	40.00	0.00068	17.00	40.00	0.00070
20.00	40.00	0.00072	25.00	40.00	0.00076
30.00	40.00	0.00079	40.00	40.00	0.00084
50.00	40.00	0.00089	60.00	40.00	0.00093
70.00	40.00	0.00096	80.00	40.00	0.00098
90.00	40.00	0.00097	100.00	40.00	0.00096
-100.00	50.00	0.00014	-90.00	50.00	0.00016
-80.00	50.00	0.00018	-70.00	50.00	0.00021
-60.00	50.00	0.00024	-50.00	50.00	0.00027
-40.00	50.00	0.00031	-30.00	50.00	0.00036
-25.00	50.00	0.00038	-20.00	50.00	0.00042
-17.00	50.00	0.00044	-15.00	50.00	0.00046
-13.00	50.00	0.00047	-11.00	50.00	0.00049
-9.00	50.00	0.00051	9.00	50.00	0.00072
11.00	50.00	0.00074	13.00	50.00	0.00077
15.00	50.00	0.00079	17.00	50.00	0.00081
20.00	50.00	0.00084	25.00	50.00	0.00089
30.00	50.00	0.00093	40.00	50.00	0.00099
50.00	50.00	0.00105	60.00	50.00	0.00109
70.00	50.00	0.00112	80.00	50.00	0.00112
90.00	50.00	0.00111	100.00	50.00	0.00108
-100.00	60.00	0.00015	-90.00	60.00	0.00017
-80.00	60.00	0.00019	-70.00	60.00	0.00022
-60.00	60.00	0.00026	-50.00	60.00	0.00030
-40.00	60.00	0.00034	-30.00	60.00	0.00039
-25.00	60.00	0.00043	-20.00	60.00	0.00046
-17.00	60.00	0.00049	-15.00	60.00	0.00051
-13.00	60.00	0.00053	-11.00	60.00	0.00056
-9.00	60.00	0.00058	9.00	60.00	0.00084
11.00	60.00	0.00087	13.00	60.00	0.00090
15.00	60.00	0.00093	17.00	60.00	0.00096
20.00	60.00	0.00100	25.00	60.00	0.00105
30.00	60.00	0.00110	40.00	60.00	0.00118
50.00	60.00	0.00125	60.00	60.00	0.00129
70.00	60.00	0.00131	80.00	60.00	0.00130

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

90.00 60.00 0.00126 100.00 60.00 0.00121

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

10:17:45

**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	0.00016	-90.00	70.00	0.00018
-80.00	70.00	0.00020	-70.00	70.00	0.00023
-60.00	70.00	0.00027	-50.00	70.00	0.00032
-40.00	70.00	0.00037	-30.00	70.00	0.00044
-25.00	70.00	0.00047	-20.00	70.00	0.00052
-17.00	70.00	0.00055	-15.00	70.00	0.00058
-13.00	70.00	0.00060	-11.00	70.00	0.00063
-9.00	70.00	0.00066	9.00	70.00	0.00100
11.00	70.00	0.00104	13.00	70.00	0.00108
15.00	70.00	0.00111	17.00	70.00	0.00115
20.00	70.00	0.00119	25.00	70.00	0.00126
30.00	70.00	0.00132	40.00	70.00	0.00143
50.00	70.00	0.00150	60.00	70.00	0.00154
70.00	70.00	0.00154	80.00	70.00	0.00150
90.00	70.00	0.00143	100.00	70.00	0.00134
-100.00	80.00	0.00017	-90.00	80.00	0.00019
-80.00	80.00	0.00022	-70.00	80.00	0.00025
-60.00	80.00	0.00029	-50.00	80.00	0.00034
-40.00	80.00	0.00041	-30.00	80.00	0.00049
-25.00	80.00	0.00053	-20.00	80.00	0.00058
-17.00	80.00	0.00062	-15.00	80.00	0.00065
-13.00	80.00	0.00068	-11.00	80.00	0.00072
-9.00	80.00	0.00076	9.00	80.00	0.00121
11.00	80.00	0.00126	13.00	80.00	0.00131
15.00	80.00	0.00135	17.00	80.00	0.00140
20.00	80.00	0.00145	25.00	80.00	0.00154
30.00	80.00	0.00162	40.00	80.00	0.00176
50.00	80.00	0.00183	60.00	80.00	0.00184
70.00	80.00	0.00180	80.00	80.00	0.00171
90.00	80.00	0.00159	100.00	80.00	0.00146
-100.00	90.00	0.00018	-90.00	90.00	0.00020
-80.00	90.00	0.00023	-70.00	90.00	0.00027
-60.00	90.00	0.00031	-50.00	90.00	0.00037

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-40.00	90.00	0.00044	-30.00	90.00	0.00054
-25.00	90.00	0.00059	-20.00	90.00	0.00066
-17.00	90.00	0.00070	-15.00	90.00	0.00074
-13.00	90.00	0.00078	-11.00	90.00	0.00082
-9.00	90.00	0.00087	9.00	90.00	0.00148
11.00	90.00	0.00155	13.00	90.00	0.00162
15.00	90.00	0.00168	17.00	90.00	0.00173

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

10:17:45

**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	0.00181	25.00	90.00	0.00194
30.00	90.00	0.00205	40.00	90.00	0.00220
50.00	90.00	0.00225	60.00	90.00	0.00220
70.00	90.00	0.00208	80.00	90.00	0.00192
90.00	90.00	0.00174	100.00	90.00	0.00157
-100.00	100.00	0.00019	-90.00	100.00	0.00021
-80.00	100.00	0.00024	-70.00	100.00	0.00028
-60.00	100.00	0.00033	-50.00	100.00	0.00040
-40.00	100.00	0.00048	-30.00	100.00	0.00059
-25.00	100.00	0.00066	-20.00	100.00	0.00074
-17.00	100.00	0.00079	-15.00	100.00	0.00083
-13.00	100.00	0.00088	-11.00	100.00	0.00094
-9.00	100.00	0.00100	9.00	100.00	0.00186
11.00	100.00	0.00196	13.00	100.00	0.00205
15.00	100.00	0.00213	17.00	100.00	0.00222
20.00	100.00	0.00234	25.00	100.00	0.00251
30.00	100.00	0.00265	40.00	100.00	0.00278
50.00	100.00	0.00274	60.00	100.00	0.00258
70.00	100.00	0.00235	80.00	100.00	0.00210
90.00	100.00	0.00187	100.00	100.00	0.00165
-100.00	110.00	0.00021	-90.00	110.00	0.00023
-80.00	110.00	0.00026	-70.00	110.00	0.00031
-60.00	110.00	0.00036	-50.00	110.00	0.00043
-40.00	110.00	0.00052	-30.00	110.00	0.00063
-25.00	110.00	0.00071	-20.00	110.00	0.00081
-17.00	110.00	0.00088	-15.00	110.00	0.00094
-13.00	110.00	0.00099	-11.00	110.00	0.00106

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-9.00	110.00	0.00114	9.00	110.00	0.00241
11.00	110.00	0.00256	13.00	110.00	0.00270
15.00	110.00	0.00284	17.00	110.00	0.00297
20.00	110.00	0.00314	25.00	110.00	0.00337
30.00	110.00	0.00349	40.00	110.00	0.00349
50.00	110.00	0.00325	60.00	110.00	0.00292
70.00	110.00	0.00258	80.00	110.00	0.00225
90.00	110.00	0.00196	100.00	110.00	0.00170
-100.00	120.00	0.00023	-90.00	120.00	0.00025
-80.00	120.00	0.00029	-70.00	120.00	0.00033
-60.00	120.00	0.00039	-50.00	120.00	0.00046
-40.00	120.00	0.00056	-30.00	120.00	0.00069
-25.00	120.00	0.00077	-20.00	120.00	0.00088

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

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

10:17:45

**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	0.00096	-15.00	120.00	0.00103
-13.00	120.00	0.00110	-11.00	120.00	0.00119
-9.00	120.00	0.00129	9.00	120.00	0.00334
11.00	120.00	0.00360	13.00	120.00	0.00383
15.00	120.00	0.00404	17.00	120.00	0.00421
20.00	120.00	0.00440	25.00	120.00	0.00455
30.00	120.00	0.00452	40.00	120.00	0.00417
50.00	120.00	0.00369	60.00	120.00	0.00320
70.00	120.00	0.00274	80.00	120.00	0.00234
90.00	120.00	0.00200	100.00	120.00	0.00171
-100.00	130.00	0.00025	-90.00	130.00	0.00028
-80.00	130.00	0.00032	-70.00	130.00	0.00037
-60.00	130.00	0.00043	-50.00	130.00	0.00051
-40.00	130.00	0.00062	-30.00	130.00	0.00076
-25.00	130.00	0.00085	-20.00	130.00	0.00096
-17.00	130.00	0.00105	-15.00	130.00	0.00112
-13.00	130.00	0.00120	-11.00	130.00	0.00131
-9.00	130.00	0.00144	9.00	130.00	0.00534
11.00	130.00	0.00560	13.00	130.00	0.00576
15.00	130.00	0.00585	17.00	130.00	0.00588
20.00	130.00	0.00586	25.00	130.00	0.00567

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

30.00	130.00	0.00538	40.00	130.00	0.00468
50.00	130.00	0.00398	60.00	130.00	0.00335
70.00	130.00	0.00282	80.00	130.00	0.00236
90.00	130.00	0.00199	100.00	130.00	0.00168
-100.00	140.00	0.00027	-90.00	140.00	0.00030
-80.00	140.00	0.00035	-70.00	140.00	0.00041
-60.00	140.00	0.00048	-50.00	140.00	0.00057
-40.00	140.00	0.00070	-30.00	140.00	0.00087
-25.00	140.00	0.00098	-20.00	140.00	0.00112
-17.00	140.00	0.00123	-15.00	140.00	0.00132
-13.00	140.00	0.00143	-11.00	140.00	0.00157
-9.00	140.00	0.00177	9.00	140.00	0.00679
11.00	140.00	0.00681	13.00	140.00	0.00680
15.00	140.00	0.00677	17.00	140.00	0.00670
20.00	140.00	0.00655	25.00	140.00	0.00619
30.00	140.00	0.00577	40.00	140.00	0.00489
50.00	140.00	0.00407	60.00	140.00	0.00336
70.00	140.00	0.00278	80.00	140.00	0.00230
90.00	140.00	0.00191	100.00	140.00	0.00159

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

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

10:17:45
 **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	0.00029	-90.00	150.00	0.00034
-80.00	150.00	0.00039	-70.00	150.00	0.00046
-60.00	150.00	0.00055	-50.00	150.00	0.00066
-40.00	150.00	0.00082	-30.00	150.00	0.00104
-25.00	150.00	0.00118	-20.00	150.00	0.00137
-17.00	150.00	0.00152	-15.00	150.00	0.00164
-13.00	150.00	0.00179	-11.00	150.00	0.00196
-9.00	150.00	0.00218	9.00	150.00	0.00684
11.00	150.00	0.00685	13.00	150.00	0.00684
15.00	150.00	0.00681	17.00	150.00	0.00674
20.00	150.00	0.00658	25.00	150.00	0.00621
30.00	150.00	0.00577	40.00	150.00	0.00484
50.00	150.00	0.00398	60.00	150.00	0.00324
70.00	150.00	0.00264	80.00	150.00	0.00215
90.00	150.00	0.00177	100.00	150.00	0.00146

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-100.00	160.00	0.00032	-90.00	160.00	0.00037
-80.00	160.00	0.00044	-70.00	160.00	0.00052
-60.00	160.00	0.00062	-50.00	160.00	0.00076
-40.00	160.00	0.00094	-30.00	160.00	0.00120
-25.00	160.00	0.00138	-20.00	160.00	0.00160
-17.00	160.00	0.00176	-15.00	160.00	0.00188
-13.00	160.00	0.00202	-11.00	160.00	0.00217
-9.00	160.00	0.00236	9.00	160.00	0.00674
11.00	160.00	0.00674	13.00	160.00	0.00673
15.00	160.00	0.00669	17.00	160.00	0.00661
20.00	160.00	0.00644	25.00	160.00	0.00604
30.00	160.00	0.00559	40.00	160.00	0.00462
50.00	160.00	0.00374	60.00	160.00	0.00300
70.00	160.00	0.00241	80.00	160.00	0.00195
90.00	160.00	0.00158	100.00	160.00	0.00130
-100.00	170.00	0.00035	-90.00	170.00	0.00041
-80.00	170.00	0.00048	-70.00	170.00	0.00057
-60.00	170.00	0.00069	-50.00	170.00	0.00084
-40.00	170.00	0.00104	-30.00	170.00	0.00133
-25.00	170.00	0.00152	-20.00	170.00	0.00173
-17.00	170.00	0.00188	-15.00	170.00	0.00198
-13.00	170.00	0.00210	-11.00	170.00	0.00223
-9.00	170.00	0.00239	9.00	170.00	0.00655
11.00	170.00	0.00654	13.00	170.00	0.00652
15.00	170.00	0.00646	17.00	170.00	0.00637

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

10:17:45

**MODELOPTs:

PAGE 39

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	0.00618	25.00	170.00	0.00577
30.00	170.00	0.00528	40.00	170.00	0.00428
50.00	170.00	0.00339	60.00	170.00	0.00267
70.00	170.00	0.00211	80.00	170.00	0.00169
90.00	170.00	0.00137	100.00	170.00	0.00113
-100.00	180.00	0.00037	-90.00	180.00	0.00044
-80.00	180.00	0.00051	-70.00	180.00	0.00061
-60.00	180.00	0.00074	-50.00	180.00	0.00091
-40.00	180.00	0.00113	-30.00	180.00	0.00141

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-25.00	180.00	0.00158	-20.00	180.00	0.00177
-17.00	180.00	0.00190	-15.00	180.00	0.00199
-13.00	180.00	0.00209	-11.00	180.00	0.00220
-9.00	180.00	0.00234	9.00	180.00	0.00627
11.00	180.00	0.00624	13.00	180.00	0.00619
15.00	180.00	0.00611	17.00	180.00	0.00601
20.00	180.00	0.00580	25.00	180.00	0.00535
30.00	180.00	0.00482	40.00	180.00	0.00379
50.00	180.00	0.00293	60.00	180.00	0.00226
70.00	180.00	0.00177	80.00	180.00	0.00141
90.00	180.00	0.00115	100.00	180.00	0.00095
-100.00	190.00	0.00039	-90.00	190.00	0.00046
-80.00	190.00	0.00054	-70.00	190.00	0.00065
-60.00	190.00	0.00079	-50.00	190.00	0.00097
-40.00	190.00	0.00118	-30.00	190.00	0.00144
-25.00	190.00	0.00159	-20.00	190.00	0.00175
-17.00	190.00	0.00186	-15.00	190.00	0.00194
-13.00	190.00	0.00202	-11.00	190.00	0.00212
-9.00	190.00	0.00223	9.00	190.00	0.00586
11.00	190.00	0.00580	13.00	190.00	0.00572
15.00	190.00	0.00562	17.00	190.00	0.00548
20.00	190.00	0.00523	25.00	190.00	0.00472
30.00	190.00	0.00417	40.00	190.00	0.00315
50.00	190.00	0.00236	60.00	190.00	0.00180
70.00	190.00	0.00141	80.00	190.00	0.00113
90.00	190.00	0.00093	100.00	190.00	0.00077
-100.00	200.00	0.00040	-90.00	200.00	0.00047
-80.00	200.00	0.00056	-70.00	200.00	0.00068
-60.00	200.00	0.00082	-50.00	200.00	0.00099
-40.00	200.00	0.00120	-30.00	200.00	0.00144
-25.00	200.00	0.00157	-20.00	200.00	0.00170

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 10:17:45
 MODELOPTs: * Maximum train overlap at North/South Bound Direction ***
 PAGE 40

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00179	-15.00	200.00	0.00185
-13.00	200.00	0.00191	-11.00	200.00	0.00199
-9.00	200.00	0.00208	9.00	200.00	0.00526

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00514	13.00	200.00	0.00501
15.00	200.00	0.00486	17.00	200.00	0.00467
20.00	200.00	0.00436	25.00	200.00	0.00379
30.00	200.00	0.00324	40.00	200.00	0.00235
50.00	200.00	0.00175	60.00	200.00	0.00135
70.00	200.00	0.00107	80.00	200.00	0.00087
90.00	200.00	0.00072	100.00	200.00	0.00061
-100.00	210.00	0.00041	-90.00	210.00	0.00048
-80.00	210.00	0.00057	-70.00	210.00	0.00069
-60.00	210.00	0.00082	-50.00	210.00	0.00099
-40.00	210.00	0.00118	-30.00	210.00	0.00140
-25.00	210.00	0.00152	-20.00	210.00	0.00163
-17.00	210.00	0.00170	-15.00	210.00	0.00175
-13.00	210.00	0.00179	-11.00	210.00	0.00184
-9.00	210.00	0.00191	9.00	210.00	0.00426
11.00	210.00	0.00403	13.00	210.00	0.00380
15.00	210.00	0.00357	17.00	210.00	0.00334
20.00	210.00	0.00300	25.00	210.00	0.00251
30.00	210.00	0.00211	40.00	210.00	0.00156
50.00	210.00	0.00120	60.00	210.00	0.00095
70.00	210.00	0.00077	80.00	210.00	0.00064
90.00	210.00	0.00054	100.00	210.00	0.00047
-100.00	220.00	0.00042	-90.00	220.00	0.00049
-80.00	220.00	0.00057	-70.00	220.00	0.00068
-60.00	220.00	0.00081	-50.00	220.00	0.00096
-40.00	220.00	0.00113	-30.00	220.00	0.00133
-25.00	220.00	0.00143	-20.00	220.00	0.00153
-17.00	220.00	0.00159	-15.00	220.00	0.00162
-13.00	220.00	0.00165	-11.00	220.00	0.00169
-9.00	220.00	0.00172	9.00	220.00	0.00217
11.00	220.00	0.00193	13.00	220.00	0.00177
15.00	220.00	0.00165	17.00	220.00	0.00156
20.00	220.00	0.00143	25.00	220.00	0.00126
30.00	220.00	0.00112	40.00	220.00	0.00090
50.00	220.00	0.00074	60.00	220.00	0.00062
70.00	220.00	0.00053	80.00	220.00	0.00046
90.00	220.00	0.00040	100.00	220.00	0.00035

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

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

10:17:45

**MODELOPTs:
 PAGE 41

CONC URBAN FLAT FLGPOL DFAULT

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

05NCRA_PL97-300_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	0.00042	-90.00	230.00	0.00048
-80.00	230.00	0.00056	-70.00	230.00	0.00066
-60.00	230.00	0.00077	-50.00	230.00	0.00090
-40.00	230.00	0.00105	-30.00	230.00	0.00120
-25.00	230.00	0.00127	-20.00	230.00	0.00134
-17.00	230.00	0.00136	-15.00	230.00	0.00137
-13.00	230.00	0.00137	-11.00	230.00	0.00136
-9.00	230.00	0.00133	9.00	230.00	0.00060
11.00	230.00	0.00060	13.00	230.00	0.00060
15.00	230.00	0.00060	17.00	230.00	0.00060
20.00	230.00	0.00059	25.00	230.00	0.00058
30.00	230.00	0.00056	40.00	230.00	0.00051
50.00	230.00	0.00046	60.00	230.00	0.00041
70.00	230.00	0.00037	80.00	230.00	0.00033
90.00	230.00	0.00029	100.00	230.00	0.00027
-100.00	240.00	0.00041	-90.00	240.00	0.00047
-80.00	240.00	0.00054	-70.00	240.00	0.00062
-60.00	240.00	0.00070	-50.00	240.00	0.00080
-40.00	240.00	0.00091	-30.00	240.00	0.00100
-25.00	240.00	0.00103	-20.00	240.00	0.00103
-17.00	240.00	0.00101	-15.00	240.00	0.00099
-13.00	240.00	0.00095	-11.00	240.00	0.00090
-9.00	240.00	0.00083	9.00	240.00	0.00040
11.00	240.00	0.00039	13.00	240.00	0.00039
15.00	240.00	0.00038	17.00	240.00	0.00038
20.00	240.00	0.00037	25.00	240.00	0.00036
30.00	240.00	0.00035	40.00	240.00	0.00033
50.00	240.00	0.00030	60.00	240.00	0.00028
70.00	240.00	0.00026	80.00	240.00	0.00024
90.00	240.00	0.00022	100.00	240.00	0.00020
-100.00	250.00	0.00039	-90.00	250.00	0.00044
-80.00	250.00	0.00049	-70.00	250.00	0.00056
-60.00	250.00	0.00062	-50.00	250.00	0.00069
-40.00	250.00	0.00076	-30.00	250.00	0.00079
-25.00	250.00	0.00077	-20.00	250.00	0.00073
-17.00	250.00	0.00070	-15.00	250.00	0.00067
-13.00	250.00	0.00063	-11.00	250.00	0.00059
-9.00	250.00	0.00055	9.00	250.00	0.00030
11.00	250.00	0.00029	13.00	250.00	0.00029
15.00	250.00	0.00028	17.00	250.00	0.00028

04/20/08

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

10:17:45

**MODELOPTs:

PAGE 42

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00027	25.00	250.00	0.00027
30.00	250.00	0.00026	40.00	250.00	0.00024
50.00	250.00	0.00022	60.00	250.00	0.00021
70.00	250.00	0.00020	80.00	250.00	0.00018
90.00	250.00	0.00017	100.00	250.00	0.00016

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**MODELOPTs:

PAGE 43

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00006	-90.00	-250.00	0.00006
-80.00	-250.00	0.00006	-70.00	-250.00	0.00007
-60.00	-250.00	0.00007	-50.00	-250.00	0.00007
-40.00	-250.00	0.00008	-30.00	-250.00	0.00008
-25.00	-250.00	0.00009	-20.00	-250.00	0.00009
-17.00	-250.00	0.00009	-15.00	-250.00	0.00009
-13.00	-250.00	0.00010	-11.00	-250.00	0.00010
-9.00	-250.00	0.00010	9.00	-250.00	0.00011
11.00	-250.00	0.00011	13.00	-250.00	0.00011
15.00	-250.00	0.00011	17.00	-250.00	0.00012
20.00	-250.00	0.00012	25.00	-250.00	0.00012
30.00	-250.00	0.00012	40.00	-250.00	0.00013
50.00	-250.00	0.00014	60.00	-250.00	0.00014
70.00	-250.00	0.00015	80.00	-250.00	0.00015
90.00	-250.00	0.00016	100.00	-250.00	0.00016
-100.00	-240.00	0.00006	-90.00	-240.00	0.00006
-80.00	-240.00	0.00006	-70.00	-240.00	0.00007
-60.00	-240.00	0.00007	-50.00	-240.00	0.00008
-40.00	-240.00	0.00008	-30.00	-240.00	0.00009
-25.00	-240.00	0.00009	-20.00	-240.00	0.00010

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

10:17:45
 **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	0.00013	25.00	-230.00	0.00014
30.00	-230.00	0.00014	40.00	-230.00	0.00015
50.00	-230.00	0.00016	60.00	-230.00	0.00016
70.00	-230.00	0.00017	80.00	-230.00	0.00017
90.00	-230.00	0.00018	100.00	-230.00	0.00018
-100.00	-220.00	0.00006	-90.00	-220.00	0.00007
-80.00	-220.00	0.00007	-70.00	-220.00	0.00007
-60.00	-220.00	0.00008	-50.00	-220.00	0.00008
-40.00	-220.00	0.00009	-30.00	-220.00	0.00010
-25.00	-220.00	0.00010	-20.00	-220.00	0.00011
-17.00	-220.00	0.00011	-15.00	-220.00	0.00011
-13.00	-220.00	0.00011	-11.00	-220.00	0.00011
-9.00	-220.00	0.00012	9.00	-220.00	0.00013
11.00	-220.00	0.00013	13.00	-220.00	0.00013

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:17:45
 **MODELOPTS:
 PAGE 45

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00012	-15.00	-200.00	0.00012
-13.00	-200.00	0.00013	-11.00	-200.00	0.00013
-9.00	-200.00	0.00013	9.00	-200.00	0.00015
11.00	-200.00	0.00015	13.00	-200.00	0.00015
15.00	-200.00	0.00016	17.00	-200.00	0.00016
20.00	-200.00	0.00016	25.00	-200.00	0.00017
30.00	-200.00	0.00017	40.00	-200.00	0.00018
50.00	-200.00	0.00019	60.00	-200.00	0.00020

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

70.00	-200.00	0.00021	80.00	-200.00	0.00021
90.00	-200.00	0.00022	100.00	-200.00	0.00022
-100.00	-190.00	0.00007	-90.00	-190.00	0.00008
-80.00	-190.00	0.00008	-70.00	-190.00	0.00009
-60.00	-190.00	0.00009	-50.00	-190.00	0.00010
-40.00	-190.00	0.00011	-30.00	-190.00	0.00012
-25.00	-190.00	0.00012	-20.00	-190.00	0.00013
-17.00	-190.00	0.00013	-15.00	-190.00	0.00013
-13.00	-190.00	0.00013	-11.00	-190.00	0.00014
-9.00	-190.00	0.00014	9.00	-190.00	0.00016
11.00	-190.00	0.00016	13.00	-190.00	0.00016
15.00	-190.00	0.00017	17.00	-190.00	0.00017
20.00	-190.00	0.00017	25.00	-190.00	0.00018
30.00	-190.00	0.00019	40.00	-190.00	0.00020
50.00	-190.00	0.00021	60.00	-190.00	0.00022
70.00	-190.00	0.00022	80.00	-190.00	0.00023
90.00	-190.00	0.00023	100.00	-190.00	0.00024
-100.00	-180.00	0.00008	-90.00	-180.00	0.00008
-80.00	-180.00	0.00008	-70.00	-180.00	0.00009
-60.00	-180.00	0.00010	-50.00	-180.00	0.00010
-40.00	-180.00	0.00011	-30.00	-180.00	0.00012
-25.00	-180.00	0.00013	-20.00	-180.00	0.00013
-17.00	-180.00	0.00014	-15.00	-180.00	0.00014
-13.00	-180.00	0.00014	-11.00	-180.00	0.00014
-9.00	-180.00	0.00015	9.00	-180.00	0.00017
11.00	-180.00	0.00017	13.00	-180.00	0.00018
15.00	-180.00	0.00018	17.00	-180.00	0.00018
20.00	-180.00	0.00019	25.00	-180.00	0.00019
30.00	-180.00	0.00020	40.00	-180.00	0.00021
50.00	-180.00	0.00022	60.00	-180.00	0.00023
70.00	-180.00	0.00024	80.00	-180.00	0.00025
90.00	-180.00	0.00025	100.00	-180.00	0.00026

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

10:17:45
 **MODELOPTS:
 PAGE 46
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00008	-90.00	-170.00	0.00008
-80.00	-170.00	0.00009	-70.00	-170.00	0.00010

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-60.00	-170.00	0.00010	-50.00	-170.00	0.00011
-40.00	-170.00	0.00012	-30.00	-170.00	0.00013
-25.00	-170.00	0.00014	-20.00	-170.00	0.00014
-17.00	-170.00	0.00015	-15.00	-170.00	0.00015
-13.00	-170.00	0.00015	-11.00	-170.00	0.00015
-9.00	-170.00	0.00016	9.00	-170.00	0.00018
11.00	-170.00	0.00019	13.00	-170.00	0.00019
15.00	-170.00	0.00019	17.00	-170.00	0.00020
20.00	-170.00	0.00020	25.00	-170.00	0.00021
30.00	-170.00	0.00022	40.00	-170.00	0.00023
50.00	-170.00	0.00024	60.00	-170.00	0.00025
70.00	-170.00	0.00026	80.00	-170.00	0.00027
90.00	-170.00	0.00027	100.00	-170.00	0.00028
-100.00	-160.00	0.00008	-90.00	-160.00	0.00009
-80.00	-160.00	0.00009	-70.00	-160.00	0.00010
-60.00	-160.00	0.00011	-50.00	-160.00	0.00012
-40.00	-160.00	0.00013	-30.00	-160.00	0.00014
-25.00	-160.00	0.00014	-20.00	-160.00	0.00015
-17.00	-160.00	0.00016	-15.00	-160.00	0.00016
-13.00	-160.00	0.00016	-11.00	-160.00	0.00017
-9.00	-160.00	0.00017	9.00	-160.00	0.00020
11.00	-160.00	0.00020	13.00	-160.00	0.00020
15.00	-160.00	0.00021	17.00	-160.00	0.00021
20.00	-160.00	0.00022	25.00	-160.00	0.00023
30.00	-160.00	0.00023	40.00	-160.00	0.00025
50.00	-160.00	0.00026	60.00	-160.00	0.00027
70.00	-160.00	0.00028	80.00	-160.00	0.00029
90.00	-160.00	0.00029	100.00	-160.00	0.00030
-100.00	-150.00	0.00009	-90.00	-150.00	0.00009
-80.00	-150.00	0.00010	-70.00	-150.00	0.00011
-60.00	-150.00	0.00011	-50.00	-150.00	0.00012
-40.00	-150.00	0.00013	-30.00	-150.00	0.00015
-25.00	-150.00	0.00015	-20.00	-150.00	0.00016
-17.00	-150.00	0.00017	-15.00	-150.00	0.00017
-13.00	-150.00	0.00017	-11.00	-150.00	0.00018
-9.00	-150.00	0.00018	9.00	-150.00	0.00021
11.00	-150.00	0.00022	13.00	-150.00	0.00022
15.00	-150.00	0.00023	17.00	-150.00	0.00023

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

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

10:17:45
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

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

05NCRA PL97-300_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	0.00024	25.00	-150.00	0.00025	
30.00	-150.00	0.00025	40.00	-150.00	0.00027	
50.00	-150.00	0.00029	60.00	-150.00	0.00030	
70.00	-150.00	0.00031	80.00	-150.00	0.00031	
90.00	-150.00	0.00032	100.00	-150.00	0.00033	
-100.00	-140.00	0.00009	-90.00	-140.00	0.00010	
-80.00	-140.00	0.00010	-70.00	-140.00	0.00011	
-60.00	-140.00	0.00012	-50.00	-140.00	0.00013	
-40.00	-140.00	0.00014	-30.00	-140.00	0.00016	
-25.00	-140.00	0.00017	-20.00	-140.00	0.00017	
-17.00	-140.00	0.00018	-15.00	-140.00	0.00018	
-13.00	-140.00	0.00019	-11.00	-140.00	0.00019	
-9.00	-140.00	0.00019	9.00	-140.00	0.00023	
11.00	-140.00	0.00024	13.00	-140.00	0.00024	
15.00	-140.00	0.00025	17.00	-140.00	0.00025	
20.00	-140.00	0.00026	25.00	-140.00	0.00027	
30.00	-140.00	0.00028	40.00	-140.00	0.00030	
50.00	-140.00	0.00031	60.00	-140.00	0.00032	
70.00	-140.00	0.00033	80.00	-140.00	0.00034	
90.00	-140.00	0.00035	100.00	-140.00	0.00036	
-100.00	-130.00	0.00010	-90.00	-130.00	0.00010	
-80.00	-130.00	0.00011	-70.00	-130.00	0.00012	
-60.00	-130.00	0.00013	-50.00	-130.00	0.00014	
-40.00	-130.00	0.00015	-30.00	-130.00	0.00017	
-25.00	-130.00	0.00018	-20.00	-130.00	0.00019	
-17.00	-130.00	0.00019	-15.00	-130.00	0.00020	
-13.00	-130.00	0.00020	-11.00	-130.00	0.00021	
-9.00	-130.00	0.00021	9.00	-130.00	0.00025	
11.00	-130.00	0.00026	13.00	-130.00	0.00026	
15.00	-130.00	0.00027	17.00	-130.00	0.00027	
20.00	-130.00	0.00028	25.00	-130.00	0.00029	
30.00	-130.00	0.00031	40.00	-130.00	0.00033	
50.00	-130.00	0.00034	60.00	-130.00	0.00036	
70.00	-130.00	0.00037	80.00	-130.00	0.00038	
90.00	-130.00	0.00039	100.00	-130.00	0.00040	
-100.00	-120.00	0.00010	-90.00	-120.00	0.00011	
-80.00	-120.00	0.00012	-70.00	-120.00	0.00013	
-60.00	-120.00	0.00014	-50.00	-120.00	0.00015	
-40.00	-120.00	0.00016	-30.00	-120.00	0.00018	
-25.00	-120.00	0.00019	-20.00	-120.00	0.00020	

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**MODELOPTs:

PAGE 48

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00021	-15.00	-120.00	0.00021
-13.00	-120.00	0.00022	-11.00	-120.00	0.00022
-9.00	-120.00	0.00023	9.00	-120.00	0.00028
11.00	-120.00	0.00028	13.00	-120.00	0.00029
15.00	-120.00	0.00030	17.00	-120.00	0.00030
20.00	-120.00	0.00031	25.00	-120.00	0.00032
30.00	-120.00	0.00034	40.00	-120.00	0.00036
50.00	-120.00	0.00038	60.00	-120.00	0.00039
70.00	-120.00	0.00040	80.00	-120.00	0.00042
90.00	-120.00	0.00043	100.00	-120.00	0.00044
-100.00	-110.00	0.00011	-90.00	-110.00	0.00012
-80.00	-110.00	0.00012	-70.00	-110.00	0.00013
-60.00	-110.00	0.00015	-50.00	-110.00	0.00016
-40.00	-110.00	0.00017	-30.00	-110.00	0.00019
-25.00	-110.00	0.00021	-20.00	-110.00	0.00022
-17.00	-110.00	0.00023	-15.00	-110.00	0.00023
-13.00	-110.00	0.00024	-11.00	-110.00	0.00024
-9.00	-110.00	0.00025	9.00	-110.00	0.00031
11.00	-110.00	0.00031	13.00	-110.00	0.00032
15.00	-110.00	0.00033	17.00	-110.00	0.00033
20.00	-110.00	0.00034	25.00	-110.00	0.00036
30.00	-110.00	0.00037	40.00	-110.00	0.00040
50.00	-110.00	0.00042	60.00	-110.00	0.00043
70.00	-110.00	0.00045	80.00	-110.00	0.00046
90.00	-110.00	0.00047	100.00	-110.00	0.00049
-100.00	-100.00	0.00011	-90.00	-100.00	0.00012
-80.00	-100.00	0.00013	-70.00	-100.00	0.00014
-60.00	-100.00	0.00016	-50.00	-100.00	0.00017
-40.00	-100.00	0.00019	-30.00	-100.00	0.00021
-25.00	-100.00	0.00022	-20.00	-100.00	0.00024
-17.00	-100.00	0.00025	-15.00	-100.00	0.00025
-13.00	-100.00	0.00026	-11.00	-100.00	0.00027
-9.00	-100.00	0.00027	9.00	-100.00	0.00034
11.00	-100.00	0.00035	13.00	-100.00	0.00035

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

15.00	-100.00	0.00036	17.00	-100.00	0.00037
20.00	-100.00	0.00038	25.00	-100.00	0.00040
30.00	-100.00	0.00042	40.00	-100.00	0.00044
50.00	-100.00	0.00046	60.00	-100.00	0.00048
70.00	-100.00	0.00050	80.00	-100.00	0.00051
90.00	-100.00	0.00053	100.00	-100.00	0.00054

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

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

10:17:45
 **MODELOPTs:
 PAGE 49
 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00012	-90.00	-90.00	0.00013
-80.00	-90.00	0.00014	-70.00	-90.00	0.00015
-60.00	-90.00	0.00017	-50.00	-90.00	0.00018
-40.00	-90.00	0.00020	-30.00	-90.00	0.00023
-25.00	-90.00	0.00024	-20.00	-90.00	0.00026
-17.00	-90.00	0.00027	-15.00	-90.00	0.00028
-13.00	-90.00	0.00028	-11.00	-90.00	0.00029
-9.00	-90.00	0.00030	9.00	-90.00	0.00038
11.00	-90.00	0.00039	13.00	-90.00	0.00039
15.00	-90.00	0.00040	17.00	-90.00	0.00041
20.00	-90.00	0.00043	25.00	-90.00	0.00045
30.00	-90.00	0.00047	40.00	-90.00	0.00050
50.00	-90.00	0.00052	60.00	-90.00	0.00054
70.00	-90.00	0.00056	80.00	-90.00	0.00058
90.00	-90.00	0.00059	100.00	-90.00	0.00060
-100.00	-80.00	0.00012	-90.00	-80.00	0.00014
-80.00	-80.00	0.00015	-70.00	-80.00	0.00016
-60.00	-80.00	0.00018	-50.00	-80.00	0.00020
-40.00	-80.00	0.00022	-30.00	-80.00	0.00025
-25.00	-80.00	0.00026	-20.00	-80.00	0.00028
-17.00	-80.00	0.00029	-15.00	-80.00	0.00030
-13.00	-80.00	0.00031	-11.00	-80.00	0.00032
-9.00	-80.00	0.00033	9.00	-80.00	0.00042
11.00	-80.00	0.00043	13.00	-80.00	0.00044
15.00	-80.00	0.00045	17.00	-80.00	0.00046
20.00	-80.00	0.00048	25.00	-80.00	0.00050
30.00	-80.00	0.00053	40.00	-80.00	0.00056
50.00	-80.00	0.00059	60.00	-80.00	0.00061

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

70.00	-80.00	0.00063	80.00	-80.00	0.00065
90.00	-80.00	0.00067	100.00	-80.00	0.00068
-100.00	-70.00	0.00013	-90.00	-70.00	0.00014
-80.00	-70.00	0.00016	-70.00	-70.00	0.00018
-60.00	-70.00	0.00019	-50.00	-70.00	0.00021
-40.00	-70.00	0.00024	-30.00	-70.00	0.00027
-25.00	-70.00	0.00029	-20.00	-70.00	0.00031
-17.00	-70.00	0.00032	-15.00	-70.00	0.00033
-13.00	-70.00	0.00034	-11.00	-70.00	0.00035
-9.00	-70.00	0.00036	9.00	-70.00	0.00048
11.00	-70.00	0.00049	13.00	-70.00	0.00050
15.00	-70.00	0.00051	17.00	-70.00	0.00053

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

10:17:45

**MODELOPTs:

PAGE 50

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	0.00054	25.00	-70.00	0.00057
30.00	-70.00	0.00060	40.00	-70.00	0.00064
50.00	-70.00	0.00067	60.00	-70.00	0.00070
70.00	-70.00	0.00072	80.00	-70.00	0.00074
90.00	-70.00	0.00076	100.00	-70.00	0.00076
-100.00	-60.00	0.00013	-90.00	-60.00	0.00015
-80.00	-60.00	0.00017	-70.00	-60.00	0.00019
-60.00	-60.00	0.00021	-50.00	-60.00	0.00023
-40.00	-60.00	0.00026	-30.00	-60.00	0.00029
-25.00	-60.00	0.00031	-20.00	-60.00	0.00034
-17.00	-60.00	0.00036	-15.00	-60.00	0.00037
-13.00	-60.00	0.00038	-11.00	-60.00	0.00039
-9.00	-60.00	0.00041	9.00	-60.00	0.00054
11.00	-60.00	0.00056	13.00	-60.00	0.00057
15.00	-60.00	0.00059	17.00	-60.00	0.00060
20.00	-60.00	0.00062	25.00	-60.00	0.00066
30.00	-60.00	0.00068	40.00	-60.00	0.00073
50.00	-60.00	0.00077	60.00	-60.00	0.00080
70.00	-60.00	0.00083	80.00	-60.00	0.00085
90.00	-60.00	0.00086	100.00	-60.00	0.00085
-100.00	-50.00	0.00014	-90.00	-50.00	0.00015
-80.00	-50.00	0.00018	-70.00	-50.00	0.00020

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-60.00	-50.00	0.00023	-50.00	-50.00	0.00025
-40.00	-50.00	0.00028	-30.00	-50.00	0.00032
-25.00	-50.00	0.00035	-20.00	-50.00	0.00038
-17.00	-50.00	0.00039	-15.00	-50.00	0.00041
-13.00	-50.00	0.00042	-11.00	-50.00	0.00044
-9.00	-50.00	0.00045	9.00	-50.00	0.00062
11.00	-50.00	0.00064	13.00	-50.00	0.00066
15.00	-50.00	0.00068	17.00	-50.00	0.00070
20.00	-50.00	0.00072	25.00	-50.00	0.00076
30.00	-50.00	0.00079	40.00	-50.00	0.00084
50.00	-50.00	0.00089	60.00	-50.00	0.00093
70.00	-50.00	0.00096	80.00	-50.00	0.00098
90.00	-50.00	0.00097	100.00	-50.00	0.00096
-100.00	-40.00	0.00014	-90.00	-40.00	0.00016
-80.00	-40.00	0.00018	-70.00	-40.00	0.00021
-60.00	-40.00	0.00024	-50.00	-40.00	0.00027
-40.00	-40.00	0.00031	-30.00	-40.00	0.00036
-25.00	-40.00	0.00038	-20.00	-40.00	0.00042

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

10:17:45
 **MODELOPTs:
 PAGE 51
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00044	-15.00	-40.00	0.00046
-13.00	-40.00	0.00047	-11.00	-40.00	0.00049
-9.00	-40.00	0.00051	9.00	-40.00	0.00072
11.00	-40.00	0.00074	13.00	-40.00	0.00077
15.00	-40.00	0.00079	17.00	-40.00	0.00081
20.00	-40.00	0.00084	25.00	-40.00	0.00089
30.00	-40.00	0.00093	40.00	-40.00	0.00099
50.00	-40.00	0.00105	60.00	-40.00	0.00109
70.00	-40.00	0.00112	80.00	-40.00	0.00112
90.00	-40.00	0.00111	100.00	-40.00	0.00108
-100.00	-30.00	0.00015	-90.00	-30.00	0.00017
-80.00	-30.00	0.00019	-70.00	-30.00	0.00022
-60.00	-30.00	0.00026	-50.00	-30.00	0.00030
-40.00	-30.00	0.00034	-30.00	-30.00	0.00039
-25.00	-30.00	0.00043	-20.00	-30.00	0.00046
-17.00	-30.00	0.00049	-15.00	-30.00	0.00051

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-13.00	-30.00	0.00053	-11.00	-30.00	0.00056
-9.00	-30.00	0.00058	9.00	-30.00	0.00084
11.00	-30.00	0.00087	13.00	-30.00	0.00090
15.00	-30.00	0.00093	17.00	-30.00	0.00096
20.00	-30.00	0.00100	25.00	-30.00	0.00105
30.00	-30.00	0.00110	40.00	-30.00	0.00118
50.00	-30.00	0.00125	60.00	-30.00	0.00129
70.00	-30.00	0.00131	80.00	-30.00	0.00130
90.00	-30.00	0.00126	100.00	-30.00	0.00121
-100.00	-20.00	0.00016	-90.00	-20.00	0.00018
-80.00	-20.00	0.00020	-70.00	-20.00	0.00023
-60.00	-20.00	0.00027	-50.00	-20.00	0.00032
-40.00	-20.00	0.00037	-30.00	-20.00	0.00044
-25.00	-20.00	0.00047	-20.00	-20.00	0.00052
-17.00	-20.00	0.00055	-15.00	-20.00	0.00058
-13.00	-20.00	0.00060	-11.00	-20.00	0.00063
-9.00	-20.00	0.00066	9.00	-20.00	0.00100
11.00	-20.00	0.00104	13.00	-20.00	0.00108
15.00	-20.00	0.00111	17.00	-20.00	0.00115
20.00	-20.00	0.00119	25.00	-20.00	0.00126
30.00	-20.00	0.00132	40.00	-20.00	0.00143
50.00	-20.00	0.00150	60.00	-20.00	0.00154
70.00	-20.00	0.00154	80.00	-20.00	0.00150
90.00	-20.00	0.00143	100.00	-20.00	0.00134

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

10:17:45
 **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	0.00017	-90.00	-10.00	0.00019
-80.00	-10.00	0.00022	-70.00	-10.00	0.00025
-60.00	-10.00	0.00029	-50.00	-10.00	0.00034
-40.00	-10.00	0.00041	-30.00	-10.00	0.00049
-25.00	-10.00	0.00053	-20.00	-10.00	0.00058
-17.00	-10.00	0.00062	-15.00	-10.00	0.00065
-13.00	-10.00	0.00068	-11.00	-10.00	0.00072
-9.00	-10.00	0.00076	9.00	-10.00	0.00121
11.00	-10.00	0.00126	13.00	-10.00	0.00131
15.00	-10.00	0.00135	17.00	-10.00	0.00140

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00145	25.00	-10.00	0.00154
30.00	-10.00	0.00162	40.00	-10.00	0.00176
50.00	-10.00	0.00183	60.00	-10.00	0.00184
70.00	-10.00	0.00180	80.00	-10.00	0.00171
90.00	-10.00	0.00159	100.00	-10.00	0.00146
-100.00	0.00	0.00018	-90.00	0.00	0.00020
-80.00	0.00	0.00023	-70.00	0.00	0.00027
-60.00	0.00	0.00031	-50.00	0.00	0.00037
-40.00	0.00	0.00044	-30.00	0.00	0.00054
-25.00	0.00	0.00059	-20.00	0.00	0.00066
-17.00	0.00	0.00070	-15.00	0.00	0.00074
-13.00	0.00	0.00078	-11.00	0.00	0.00082
-9.00	0.00	0.00087	9.00	0.00	0.00148
11.00	0.00	0.00155	13.00	0.00	0.00162
15.00	0.00	0.00168	17.00	0.00	0.00173
20.00	0.00	0.00181	25.00	0.00	0.00194
30.00	0.00	0.00205	40.00	0.00	0.00220
50.00	0.00	0.00225	60.00	0.00	0.00220
70.00	0.00	0.00208	80.00	0.00	0.00192
90.00	0.00	0.00174	100.00	0.00	0.00157
-100.00	10.00	0.00019	-90.00	10.00	0.00021
-80.00	10.00	0.00024	-70.00	10.00	0.00028
-60.00	10.00	0.00033	-50.00	10.00	0.00040
-40.00	10.00	0.00048	-30.00	10.00	0.00059
-25.00	10.00	0.00066	-20.00	10.00	0.00074
-17.00	10.00	0.00079	-15.00	10.00	0.00083
-13.00	10.00	0.00088	-11.00	10.00	0.00094
-9.00	10.00	0.00100	9.00	10.00	0.00186
11.00	10.00	0.00196	13.00	10.00	0.00205
15.00	10.00	0.00213	17.00	10.00	0.00222

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

10:17:45
 **MODELOPTs:
 PAGE 53

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00234	25.00	10.00	0.00251
30.00	10.00	0.00265	40.00	10.00	0.00278
50.00	10.00	0.00274	60.00	10.00	0.00258
70.00	10.00	0.00235	80.00	10.00	0.00210

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

90.00	10.00	0.00187	100.00	10.00	0.00165
-100.00	20.00	0.00021	-90.00	20.00	0.00023
-80.00	20.00	0.00026	-70.00	20.00	0.00031
-60.00	20.00	0.00036	-50.00	20.00	0.00043
-40.00	20.00	0.00052	-30.00	20.00	0.00063
-25.00	20.00	0.00071	-20.00	20.00	0.00081
-17.00	20.00	0.00088	-15.00	20.00	0.00094
-13.00	20.00	0.00099	-11.00	20.00	0.00106
-9.00	20.00	0.00114	9.00	20.00	0.00241
11.00	20.00	0.00256	13.00	20.00	0.00270
15.00	20.00	0.00284	17.00	20.00	0.00297
20.00	20.00	0.00314	25.00	20.00	0.00337
30.00	20.00	0.00349	40.00	20.00	0.00349
50.00	20.00	0.00325	60.00	20.00	0.00292
70.00	20.00	0.00258	80.00	20.00	0.00225
90.00	20.00	0.00196	100.00	20.00	0.00170
-100.00	30.00	0.00023	-90.00	30.00	0.00025
-80.00	30.00	0.00029	-70.00	30.00	0.00033
-60.00	30.00	0.00039	-50.00	30.00	0.00046
-40.00	30.00	0.00056	-30.00	30.00	0.00069
-25.00	30.00	0.00077	-20.00	30.00	0.00088
-17.00	30.00	0.00096	-15.00	30.00	0.00103
-13.00	30.00	0.00110	-11.00	30.00	0.00119
-9.00	30.00	0.00129	9.00	30.00	0.00334
11.00	30.00	0.00360	13.00	30.00	0.00383
15.00	30.00	0.00404	17.00	30.00	0.00421
20.00	30.00	0.00440	25.00	30.00	0.00455
30.00	30.00	0.00452	40.00	30.00	0.00417
50.00	30.00	0.00369	60.00	30.00	0.00320
70.00	30.00	0.00274	80.00	30.00	0.00234
90.00	30.00	0.00200	100.00	30.00	0.00171
-100.00	40.00	0.00025	-90.00	40.00	0.00028
-80.00	40.00	0.00032	-70.00	40.00	0.00037
-60.00	40.00	0.00043	-50.00	40.00	0.00051
-40.00	40.00	0.00062	-30.00	40.00	0.00076
-25.00	40.00	0.00085	-20.00	40.00	0.00096

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**MODELOPTs:

PAGE 54

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

05NCRA PL97-300 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	0.00105	-15.00	40.00	0.00112
-13.00	40.00	0.00120	-11.00	40.00	0.00131
-9.00	40.00	0.00144	9.00	40.00	0.00534
11.00	40.00	0.00560	13.00	40.00	0.00576
15.00	40.00	0.00585	17.00	40.00	0.00588
20.00	40.00	0.00586	25.00	40.00	0.00567
30.00	40.00	0.00538	40.00	40.00	0.00468
50.00	40.00	0.00398	60.00	40.00	0.00335
70.00	40.00	0.00282	80.00	40.00	0.00236
90.00	40.00	0.00199	100.00	40.00	0.00168
-100.00	50.00	0.00027	-90.00	50.00	0.00030
-80.00	50.00	0.00035	-70.00	50.00	0.00041
-60.00	50.00	0.00048	-50.00	50.00	0.00057
-40.00	50.00	0.00070	-30.00	50.00	0.00087
-25.00	50.00	0.00098	-20.00	50.00	0.00112
-17.00	50.00	0.00123	-15.00	50.00	0.00132
-13.00	50.00	0.00143	-11.00	50.00	0.00157
-9.00	50.00	0.00177	9.00	50.00	0.00679
11.00	50.00	0.00681	13.00	50.00	0.00680
15.00	50.00	0.00677	17.00	50.00	0.00670
20.00	50.00	0.00655	25.00	50.00	0.00619
30.00	50.00	0.00577	40.00	50.00	0.00489
50.00	50.00	0.00407	60.00	50.00	0.00336
70.00	50.00	0.00278	80.00	50.00	0.00230
90.00	50.00	0.00191	100.00	50.00	0.00159
-100.00	60.00	0.00029	-90.00	60.00	0.00034
-80.00	60.00	0.00039	-70.00	60.00	0.00046
-60.00	60.00	0.00055	-50.00	60.00	0.00066
-40.00	60.00	0.00082	-30.00	60.00	0.00104
-25.00	60.00	0.00118	-20.00	60.00	0.00137
-17.00	60.00	0.00152	-15.00	60.00	0.00164
-13.00	60.00	0.00179	-11.00	60.00	0.00196
-9.00	60.00	0.00218	9.00	60.00	0.00684
11.00	60.00	0.00685	13.00	60.00	0.00684
15.00	60.00	0.00681	17.00	60.00	0.00674
20.00	60.00	0.00658	25.00	60.00	0.00621
30.00	60.00	0.00577	40.00	60.00	0.00484
50.00	60.00	0.00398	60.00	60.00	0.00324
70.00	60.00	0.00264	80.00	60.00	0.00215
90.00	60.00	0.00177	100.00	60.00	0.00146

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**MODELOPTS:
PAGE 55

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	0.00032	-90.00	70.00	0.00037	
-80.00	70.00	0.00044	-70.00	70.00	0.00052	
-60.00	70.00	0.00062	-50.00	70.00	0.00076	
-40.00	70.00	0.00094	-30.00	70.00	0.00120	
-25.00	70.00	0.00138	-20.00	70.00	0.00160	
-17.00	70.00	0.00176	-15.00	70.00	0.00188	
-13.00	70.00	0.00202	-11.00	70.00	0.00217	
-9.00	70.00	0.00236	9.00	70.00	0.00674	
11.00	70.00	0.00674	13.00	70.00	0.00673	
15.00	70.00	0.00669	17.00	70.00	0.00661	
20.00	70.00	0.00644	25.00	70.00	0.00604	
30.00	70.00	0.00559	40.00	70.00	0.00462	
50.00	70.00	0.00374	60.00	70.00	0.00300	
70.00	70.00	0.00241	80.00	70.00	0.00195	
90.00	70.00	0.00158	100.00	70.00	0.00130	
-100.00	80.00	0.00035	-90.00	80.00	0.00041	
-80.00	80.00	0.00048	-70.00	80.00	0.00057	
-60.00	80.00	0.00069	-50.00	80.00	0.00084	
-40.00	80.00	0.00104	-30.00	80.00	0.00133	
-25.00	80.00	0.00152	-20.00	80.00	0.00173	
-17.00	80.00	0.00188	-15.00	80.00	0.00198	
-13.00	80.00	0.00210	-11.00	80.00	0.00223	
-9.00	80.00	0.00239	9.00	80.00	0.00655	
11.00	80.00	0.00654	13.00	80.00	0.00652	
15.00	80.00	0.00646	17.00	80.00	0.00637	
20.00	80.00	0.00618	25.00	80.00	0.00577	
30.00	80.00	0.00528	40.00	80.00	0.00428	
50.00	80.00	0.00339	60.00	80.00	0.00267	
70.00	80.00	0.00211	80.00	80.00	0.00169	
90.00	80.00	0.00137	100.00	80.00	0.00113	
-100.00	90.00	0.00037	-90.00	90.00	0.00044	
-80.00	90.00	0.00051	-70.00	90.00	0.00061	
-60.00	90.00	0.00074	-50.00	90.00	0.00091	
-40.00	90.00	0.00113	-30.00	90.00	0.00141	
-25.00	90.00	0.00158	-20.00	90.00	0.00177	
-17.00	90.00	0.00190	-15.00	90.00	0.00199	

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-13.00	90.00	0.00209	-11.00	90.00	0.00220
-9.00	90.00	0.00234	9.00	90.00	0.00627
11.00	90.00	0.00624	13.00	90.00	0.00619
15.00	90.00	0.00611	17.00	90.00	0.00601

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

10:17:45
 **MODELOPTs:
 PAGE 56
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00580	25.00	90.00	0.00535
30.00	90.00	0.00482	40.00	90.00	0.00379
50.00	90.00	0.00293	60.00	90.00	0.00226
70.00	90.00	0.00177	80.00	90.00	0.00141
90.00	90.00	0.00115	100.00	90.00	0.00095
-100.00	100.00	0.00039	-90.00	100.00	0.00046
-80.00	100.00	0.00054	-70.00	100.00	0.00065
-60.00	100.00	0.00079	-50.00	100.00	0.00097
-40.00	100.00	0.00118	-30.00	100.00	0.00144
-25.00	100.00	0.00159	-20.00	100.00	0.00175
-17.00	100.00	0.00186	-15.00	100.00	0.00194
-13.00	100.00	0.00202	-11.00	100.00	0.00212
-9.00	100.00	0.00223	9.00	100.00	0.00586
11.00	100.00	0.00580	13.00	100.00	0.00572
15.00	100.00	0.00562	17.00	100.00	0.00548
20.00	100.00	0.00523	25.00	100.00	0.00472
30.00	100.00	0.00417	40.00	100.00	0.00315
50.00	100.00	0.00236	60.00	100.00	0.00180
70.00	100.00	0.00141	80.00	100.00	0.00113
90.00	100.00	0.00093	100.00	100.00	0.00077
-100.00	110.00	0.00040	-90.00	110.00	0.00047
-80.00	110.00	0.00056	-70.00	110.00	0.00068
-60.00	110.00	0.00082	-50.00	110.00	0.00099
-40.00	110.00	0.00120	-30.00	110.00	0.00144
-25.00	110.00	0.00157	-20.00	110.00	0.00170
-17.00	110.00	0.00179	-15.00	110.00	0.00185
-13.00	110.00	0.00191	-11.00	110.00	0.00199
-9.00	110.00	0.00208	9.00	110.00	0.00526
11.00	110.00	0.00514	13.00	110.00	0.00501
15.00	110.00	0.00486	17.00	110.00	0.00467

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

20.00	110.00	0.00436	25.00	110.00	0.00379
30.00	110.00	0.00324	40.00	110.00	0.00235
50.00	110.00	0.00175	60.00	110.00	0.00135
70.00	110.00	0.00107	80.00	110.00	0.00087
90.00	110.00	0.00072	100.00	110.00	0.00061
-100.00	120.00	0.00041	-90.00	120.00	0.00048
-80.00	120.00	0.00057	-70.00	120.00	0.00069
-60.00	120.00	0.00082	-50.00	120.00	0.00099
-40.00	120.00	0.00118	-30.00	120.00	0.00140
-25.00	120.00	0.00152	-20.00	120.00	0.00163

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

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

10:17:45

**MODELOPTs:

PAGE 57

CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00170	-15.00	120.00	0.00175
-13.00	120.00	0.00179	-11.00	120.00	0.00184
-9.00	120.00	0.00191	9.00	120.00	0.00426
11.00	120.00	0.00403	13.00	120.00	0.00380
15.00	120.00	0.00357	17.00	120.00	0.00334
20.00	120.00	0.00300	25.00	120.00	0.00251
30.00	120.00	0.00211	40.00	120.00	0.00156
50.00	120.00	0.00120	60.00	120.00	0.00095
70.00	120.00	0.00077	80.00	120.00	0.00064
90.00	120.00	0.00054	100.00	120.00	0.00047
-100.00	130.00	0.00042	-90.00	130.00	0.00049
-80.00	130.00	0.00057	-70.00	130.00	0.00068
-60.00	130.00	0.00081	-50.00	130.00	0.00096
-40.00	130.00	0.00113	-30.00	130.00	0.00133
-25.00	130.00	0.00143	-20.00	130.00	0.00153
-17.00	130.00	0.00159	-15.00	130.00	0.00162
-13.00	130.00	0.00165	-11.00	130.00	0.00169
-9.00	130.00	0.00172	9.00	130.00	0.00217
11.00	130.00	0.00193	13.00	130.00	0.00177
15.00	130.00	0.00165	17.00	130.00	0.00156
20.00	130.00	0.00143	25.00	130.00	0.00126
30.00	130.00	0.00112	40.00	130.00	0.00090
50.00	130.00	0.00074	60.00	130.00	0.00062
70.00	130.00	0.00053	80.00	130.00	0.00046

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00040	100.00	130.00	0.00035
-100.00	140.00	0.00042	-90.00	140.00	0.00048
-80.00	140.00	0.00056	-70.00	140.00	0.00066
-60.00	140.00	0.00077	-50.00	140.00	0.00090
-40.00	140.00	0.00105	-30.00	140.00	0.00120
-25.00	140.00	0.00127	-20.00	140.00	0.00134
-17.00	140.00	0.00136	-15.00	140.00	0.00137
-13.00	140.00	0.00137	-11.00	140.00	0.00136
-9.00	140.00	0.00133	9.00	140.00	0.00060
11.00	140.00	0.00060	13.00	140.00	0.00060
15.00	140.00	0.00060	17.00	140.00	0.00060
20.00	140.00	0.00059	25.00	140.00	0.00058
30.00	140.00	0.00056	40.00	140.00	0.00051
50.00	140.00	0.00046	60.00	140.00	0.00041
70.00	140.00	0.00037	80.00	140.00	0.00033
90.00	140.00	0.00029	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 ***

10:17:45
 **MODELOPTs:
 PAGE 58

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00041	-90.00	150.00	0.00047
-80.00	150.00	0.00054	-70.00	150.00	0.00062
-60.00	150.00	0.00070	-50.00	150.00	0.00080
-40.00	150.00	0.00091	-30.00	150.00	0.00100
-25.00	150.00	0.00103	-20.00	150.00	0.00103
-17.00	150.00	0.00101	-15.00	150.00	0.00099
-13.00	150.00	0.00095	-11.00	150.00	0.00090
-9.00	150.00	0.00083	9.00	150.00	0.00040
11.00	150.00	0.00039	13.00	150.00	0.00039
15.00	150.00	0.00038	17.00	150.00	0.00038
20.00	150.00	0.00037	25.00	150.00	0.00036
30.00	150.00	0.00035	40.00	150.00	0.00033
50.00	150.00	0.00030	60.00	150.00	0.00028
70.00	150.00	0.00026	80.00	150.00	0.00024
90.00	150.00	0.00022	100.00	150.00	0.00020
-100.00	160.00	0.00039	-90.00	160.00	0.00044
-80.00	160.00	0.00049	-70.00	160.00	0.00056
-60.00	160.00	0.00062	-50.00	160.00	0.00069

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-40.00	160.00	0.00076	-30.00	160.00	0.00079
-25.00	160.00	0.00077	-20.00	160.00	0.00073
-17.00	160.00	0.00070	-15.00	160.00	0.00067
-13.00	160.00	0.00063	-11.00	160.00	0.00059
-9.00	160.00	0.00055	9.00	160.00	0.00030
11.00	160.00	0.00029	13.00	160.00	0.00029
15.00	160.00	0.00028	17.00	160.00	0.00028
20.00	160.00	0.00027	25.00	160.00	0.00027
30.00	160.00	0.00026	40.00	160.00	0.00024
50.00	160.00	0.00022	60.00	160.00	0.00021
70.00	160.00	0.00020	80.00	160.00	0.00018
90.00	160.00	0.00017	100.00	160.00	0.00016
-100.00	170.00	0.00036	-90.00	170.00	0.00040
-80.00	170.00	0.00045	-70.00	170.00	0.00050
-60.00	170.00	0.00054	-50.00	170.00	0.00059
-40.00	170.00	0.00061	-30.00	170.00	0.00059
-25.00	170.00	0.00056	-20.00	170.00	0.00052
-17.00	170.00	0.00049	-15.00	170.00	0.00047
-13.00	170.00	0.00044	-11.00	170.00	0.00042
-9.00	170.00	0.00039	9.00	170.00	0.00024
11.00	170.00	0.00023	13.00	170.00	0.00022
15.00	170.00	0.00022	17.00	170.00	0.00022

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

10:17:45

**MODELOPTs:

PAGE 59

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	0.00021	25.00	170.00	0.00021
30.00	170.00	0.00020	40.00	170.00	0.00019
50.00	170.00	0.00018	60.00	170.00	0.00017
70.00	170.00	0.00016	80.00	170.00	0.00015
90.00	170.00	0.00014	100.00	170.00	0.00013
-100.00	180.00	0.00033	-90.00	180.00	0.00037
-80.00	180.00	0.00040	-70.00	180.00	0.00044
-60.00	180.00	0.00047	-50.00	180.00	0.00049
-40.00	180.00	0.00048	-30.00	180.00	0.00045
-25.00	180.00	0.00042	-20.00	180.00	0.00038
-17.00	180.00	0.00036	-15.00	180.00	0.00034
-13.00	180.00	0.00033	-11.00	180.00	0.00031

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-9.00	180.00	0.00030	9.00	180.00	0.00019
11.00	180.00	0.00018	13.00	180.00	0.00018
15.00	180.00	0.00018	17.00	180.00	0.00018
20.00	180.00	0.00017	25.00	180.00	0.00017
30.00	180.00	0.00016	40.00	180.00	0.00015
50.00	180.00	0.00015	60.00	180.00	0.00014
70.00	180.00	0.00013	80.00	180.00	0.00012
90.00	180.00	0.00012	100.00	180.00	0.00011
-100.00	190.00	0.00031	-90.00	190.00	0.00033
-80.00	190.00	0.00036	-70.00	190.00	0.00038
-60.00	190.00	0.00039	-50.00	190.00	0.00039
-40.00	190.00	0.00038	-30.00	190.00	0.00034
-25.00	190.00	0.00032	-20.00	190.00	0.00029
-17.00	190.00	0.00027	-15.00	190.00	0.00026
-13.00	190.00	0.00025	-11.00	190.00	0.00024
-9.00	190.00	0.00023	9.00	190.00	0.00016
11.00	190.00	0.00015	13.00	190.00	0.00015
15.00	190.00	0.00015	17.00	190.00	0.00014
20.00	190.00	0.00014	25.00	190.00	0.00014
30.00	190.00	0.00013	40.00	190.00	0.00013
50.00	190.00	0.00012	60.00	190.00	0.00011
70.00	190.00	0.00011	80.00	190.00	0.00010
90.00	190.00	0.00010	100.00	190.00	0.00009
-100.00	200.00	0.00028	-90.00	200.00	0.00030
-80.00	200.00	0.00031	-70.00	200.00	0.00032
-60.00	200.00	0.00033	-50.00	200.00	0.00032
-40.00	200.00	0.00030	-30.00	200.00	0.00027
-25.00	200.00	0.00025	-20.00	200.00	0.00023

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

10:17:45

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

**MODELOPTs:
 PAGE 60

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00022	-15.00	200.00	0.00021
-13.00	200.00	0.00020	-11.00	200.00	0.00019
-9.00	200.00	0.00019	9.00	200.00	0.00013
11.00	200.00	0.00013	13.00	200.00	0.00013
15.00	200.00	0.00012	17.00	200.00	0.00012
20.00	200.00	0.00012	25.00	200.00	0.00012

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00011	40.00	200.00	0.00011
50.00	200.00	0.00010	60.00	200.00	0.00010
70.00	200.00	0.00009	80.00	200.00	0.00009
90.00	200.00	0.00009	100.00	200.00	0.00008
-100.00	210.00	0.00025	-90.00	210.00	0.00026
-80.00	210.00	0.00027	-70.00	210.00	0.00027
-60.00	210.00	0.00027	-50.00	210.00	0.00026
-40.00	210.00	0.00024	-30.00	210.00	0.00022
-25.00	210.00	0.00020	-20.00	210.00	0.00018
-17.00	210.00	0.00018	-15.00	210.00	0.00017
-13.00	210.00	0.00016	-11.00	210.00	0.00016
-9.00	210.00	0.00016	9.00	210.00	0.00011
11.00	210.00	0.00011	13.00	210.00	0.00011
15.00	210.00	0.00010	17.00	210.00	0.00010
20.00	210.00	0.00010	25.00	210.00	0.00010
30.00	210.00	0.00010	40.00	210.00	0.00009
50.00	210.00	0.00009	60.00	210.00	0.00008
70.00	210.00	0.00008	80.00	210.00	0.00008
90.00	210.00	0.00007	100.00	210.00	0.00007
-100.00	220.00	0.00023	-90.00	220.00	0.00023
-80.00	220.00	0.00023	-70.00	220.00	0.00023
-60.00	220.00	0.00023	-50.00	220.00	0.00022
-40.00	220.00	0.00020	-30.00	220.00	0.00018
-25.00	220.00	0.00016	-20.00	220.00	0.00015
-17.00	220.00	0.00015	-15.00	220.00	0.00014
-13.00	220.00	0.00014	-11.00	220.00	0.00013
-9.00	220.00	0.00013	9.00	220.00	0.00010
11.00	220.00	0.00009	13.00	220.00	0.00009
15.00	220.00	0.00009	17.00	220.00	0.00009
20.00	220.00	0.00009	25.00	220.00	0.00009
30.00	220.00	0.00008	40.00	220.00	0.00008
50.00	220.00	0.00008	60.00	220.00	0.00007
70.00	220.00	0.00007	80.00	220.00	0.00007
90.00	220.00	0.00007	100.00	220.00	0.00006

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

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

10:17:45

**MODELOPTs:

PAGE 61

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-100.00	230.00	0.00020	-90.00	230.00	0.00020
-80.00	230.00	0.00020	-70.00	230.00	0.00020
-60.00	230.00	0.00019	-50.00	230.00	0.00018
-40.00	230.00	0.00017	-30.00	230.00	0.00015
-25.00	230.00	0.00014	-20.00	230.00	0.00013
-17.00	230.00	0.00012	-15.00	230.00	0.00012
-13.00	230.00	0.00012	-11.00	230.00	0.00011
-9.00	230.00	0.00011	9.00	230.00	0.00008
11.00	230.00	0.00008	13.00	230.00	0.00008
15.00	230.00	0.00008	17.00	230.00	0.00008
20.00	230.00	0.00008	25.00	230.00	0.00007
30.00	230.00	0.00007	40.00	230.00	0.00007
50.00	230.00	0.00007	60.00	230.00	0.00006
70.00	230.00	0.00006	80.00	230.00	0.00006
90.00	230.00	0.00006	100.00	230.00	0.00006
-100.00	240.00	0.00018	-90.00	240.00	0.00018
-80.00	240.00	0.00017	-70.00	240.00	0.00017
-60.00	240.00	0.00016	-50.00	240.00	0.00015
-40.00	240.00	0.00014	-30.00	240.00	0.00012
-25.00	240.00	0.00012	-20.00	240.00	0.00011
-17.00	240.00	0.00011	-15.00	240.00	0.00010
-13.00	240.00	0.00010	-11.00	240.00	0.00010
-9.00	240.00	0.00010	9.00	240.00	0.00007
11.00	240.00	0.00007	13.00	240.00	0.00007
15.00	240.00	0.00007	17.00	240.00	0.00007
20.00	240.00	0.00007	25.00	240.00	0.00006
30.00	240.00	0.00006	40.00	240.00	0.00006
50.00	240.00	0.00006	60.00	240.00	0.00006
70.00	240.00	0.00005	80.00	240.00	0.00005
90.00	240.00	0.00005	100.00	240.00	0.00005
-100.00	250.00	0.00015	-90.00	250.00	0.00015
-80.00	250.00	0.00015	-70.00	250.00	0.00015
-60.00	250.00	0.00014	-50.00	250.00	0.00013
-40.00	250.00	0.00012	-30.00	250.00	0.00011
-25.00	250.00	0.00010	-20.00	250.00	0.00009
-17.00	250.00	0.00009	-15.00	250.00	0.00009
-13.00	250.00	0.00009	-11.00	250.00	0.00009
-9.00	250.00	0.00008	9.00	250.00	0.00007
11.00	250.00	0.00006	13.00	250.00	0.00006
15.00	250.00	0.00006	17.00	250.00	0.00006

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

04/20/08

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

10:17:45

**MODELOPTs:
PAGE 62

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00006	25.00	250.00	0.00006
30.00	250.00	0.00006	40.00	250.00	0.00006
50.00	250.00	0.00005	60.00	250.00	0.00005
70.00	250.00	0.00005	80.00	250.00	0.00005
90.00	250.00	0.00005	100.00	250.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 10:17:45
 **MODELOPTs:
 PAGE 63
 CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00008	-90.00	-250.00	0.00009
-80.00	-250.00	0.00009	-70.00	-250.00	0.00010
-60.00	-250.00	0.00011	-50.00	-250.00	0.00012
-40.00	-250.00	0.00013	-30.00	-250.00	0.00014
-25.00	-250.00	0.00014	-20.00	-250.00	0.00015
-17.00	-250.00	0.00016	-15.00	-250.00	0.00016
-13.00	-250.00	0.00016	-11.00	-250.00	0.00017
-9.00	-250.00	0.00017	9.00	-250.00	0.00020
11.00	-250.00	0.00020	13.00	-250.00	0.00020
15.00	-250.00	0.00021	17.00	-250.00	0.00021
20.00	-250.00	0.00022	25.00	-250.00	0.00023
30.00	-250.00	0.00023	40.00	-250.00	0.00025
50.00	-250.00	0.00026	60.00	-250.00	0.00027
70.00	-250.00	0.00028	80.00	-250.00	0.00029
90.00	-250.00	0.00029	100.00	-250.00	0.00030
-100.00	-240.00	0.00009	-90.00	-240.00	0.00009
-80.00	-240.00	0.00010	-70.00	-240.00	0.00011
-60.00	-240.00	0.00011	-50.00	-240.00	0.00012
-40.00	-240.00	0.00013	-30.00	-240.00	0.00015
-25.00	-240.00	0.00015	-20.00	-240.00	0.00016
-17.00	-240.00	0.00017	-15.00	-240.00	0.00017
-13.00	-240.00	0.00017	-11.00	-240.00	0.00018
-9.00	-240.00	0.00018	9.00	-240.00	0.00021

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

11.00	-240.00	0.00022	13.00	-240.00	0.00022
15.00	-240.00	0.00023	17.00	-240.00	0.00023
20.00	-240.00	0.00024	25.00	-240.00	0.00025
30.00	-240.00	0.00025	40.00	-240.00	0.00027
50.00	-240.00	0.00029	60.00	-240.00	0.00030
70.00	-240.00	0.00031	80.00	-240.00	0.00031
90.00	-240.00	0.00032	100.00	-240.00	0.00033
-100.00	-230.00	0.00009	-90.00	-230.00	0.00010
-80.00	-230.00	0.00010	-70.00	-230.00	0.00011
-60.00	-230.00	0.00012	-50.00	-230.00	0.00013
-40.00	-230.00	0.00014	-30.00	-230.00	0.00016
-25.00	-230.00	0.00017	-20.00	-230.00	0.00017
-17.00	-230.00	0.00018	-15.00	-230.00	0.00018
-13.00	-230.00	0.00019	-11.00	-230.00	0.00019
-9.00	-230.00	0.00019	9.00	-230.00	0.00023
11.00	-230.00	0.00024	13.00	-230.00	0.00024
15.00	-230.00	0.00025	17.00	-230.00	0.00025

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

04/20/08

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

10:17:45

**MODELOPTs:

PAGE 64

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00026	25.00	-230.00	0.00027
30.00	-230.00	0.00028	40.00	-230.00	0.00030
50.00	-230.00	0.00031	60.00	-230.00	0.00032
70.00	-230.00	0.00033	80.00	-230.00	0.00034
90.00	-230.00	0.00035	100.00	-230.00	0.00036
-100.00	-220.00	0.00010	-90.00	-220.00	0.00010
-80.00	-220.00	0.00011	-70.00	-220.00	0.00012
-60.00	-220.00	0.00013	-50.00	-220.00	0.00014
-40.00	-220.00	0.00015	-30.00	-220.00	0.00017
-25.00	-220.00	0.00018	-20.00	-220.00	0.00019
-17.00	-220.00	0.00019	-15.00	-220.00	0.00020
-13.00	-220.00	0.00020	-11.00	-220.00	0.00021
-9.00	-220.00	0.00021	9.00	-220.00	0.00025
11.00	-220.00	0.00026	13.00	-220.00	0.00026
15.00	-220.00	0.00027	17.00	-220.00	0.00027
20.00	-220.00	0.00028	25.00	-220.00	0.00029
30.00	-220.00	0.00031	40.00	-220.00	0.00033

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

50.00	-220.00	0.00034	60.00	-220.00	0.00036
70.00	-220.00	0.00037	80.00	-220.00	0.00038
90.00	-220.00	0.00039	100.00	-220.00	0.00040
-100.00	-210.00	0.00010	-90.00	-210.00	0.00011
-80.00	-210.00	0.00012	-70.00	-210.00	0.00013
-60.00	-210.00	0.00014	-50.00	-210.00	0.00015
-40.00	-210.00	0.00016	-30.00	-210.00	0.00018
-25.00	-210.00	0.00019	-20.00	-210.00	0.00020
-17.00	-210.00	0.00021	-15.00	-210.00	0.00021
-13.00	-210.00	0.00022	-11.00	-210.00	0.00022
-9.00	-210.00	0.00023	9.00	-210.00	0.00028
11.00	-210.00	0.00028	13.00	-210.00	0.00029
15.00	-210.00	0.00030	17.00	-210.00	0.00030
20.00	-210.00	0.00031	25.00	-210.00	0.00032
30.00	-210.00	0.00034	40.00	-210.00	0.00036
50.00	-210.00	0.00038	60.00	-210.00	0.00039
70.00	-210.00	0.00040	80.00	-210.00	0.00042
90.00	-210.00	0.00043	100.00	-210.00	0.00044
-100.00	-200.00	0.00011	-90.00	-200.00	0.00012
-80.00	-200.00	0.00012	-70.00	-200.00	0.00013
-60.00	-200.00	0.00015	-50.00	-200.00	0.00016
-40.00	-200.00	0.00017	-30.00	-200.00	0.00019
-25.00	-200.00	0.00021	-20.00	-200.00	0.00022

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

10:17:45
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00023	-15.00	-200.00	0.00023
-13.00	-200.00	0.00024	-11.00	-200.00	0.00024
-9.00	-200.00	0.00025	9.00	-200.00	0.00031
11.00	-200.00	0.00031	13.00	-200.00	0.00032
15.00	-200.00	0.00033	17.00	-200.00	0.00033
20.00	-200.00	0.00034	25.00	-200.00	0.00036
30.00	-200.00	0.00037	40.00	-200.00	0.00040
50.00	-200.00	0.00042	60.00	-200.00	0.00043
70.00	-200.00	0.00045	80.00	-200.00	0.00046
90.00	-200.00	0.00047	100.00	-200.00	0.00049
-100.00	-190.00	0.00011	-90.00	-190.00	0.00012

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00013	-70.00	-190.00	0.00014
-60.00	-190.00	0.00016	-50.00	-190.00	0.00017
-40.00	-190.00	0.00019	-30.00	-190.00	0.00021
-25.00	-190.00	0.00022	-20.00	-190.00	0.00024
-17.00	-190.00	0.00025	-15.00	-190.00	0.00025
-13.00	-190.00	0.00026	-11.00	-190.00	0.00027
-9.00	-190.00	0.00027	9.00	-190.00	0.00034
11.00	-190.00	0.00035	13.00	-190.00	0.00035
15.00	-190.00	0.00036	17.00	-190.00	0.00037
20.00	-190.00	0.00038	25.00	-190.00	0.00040
30.00	-190.00	0.00042	40.00	-190.00	0.00044
50.00	-190.00	0.00046	60.00	-190.00	0.00048
70.00	-190.00	0.00050	80.00	-190.00	0.00051
90.00	-190.00	0.00053	100.00	-190.00	0.00054
-100.00	-180.00	0.00012	-90.00	-180.00	0.00013
-80.00	-180.00	0.00014	-70.00	-180.00	0.00015
-60.00	-180.00	0.00017	-50.00	-180.00	0.00018
-40.00	-180.00	0.00020	-30.00	-180.00	0.00023
-25.00	-180.00	0.00024	-20.00	-180.00	0.00026
-17.00	-180.00	0.00027	-15.00	-180.00	0.00028
-13.00	-180.00	0.00028	-11.00	-180.00	0.00029
-9.00	-180.00	0.00030	9.00	-180.00	0.00038
11.00	-180.00	0.00039	13.00	-180.00	0.00039
15.00	-180.00	0.00040	17.00	-180.00	0.00041
20.00	-180.00	0.00043	25.00	-180.00	0.00045
30.00	-180.00	0.00047	40.00	-180.00	0.00050
50.00	-180.00	0.00052	60.00	-180.00	0.00054
70.00	-180.00	0.00056	80.00	-180.00	0.00058
90.00	-180.00	0.00059	100.00	-180.00	0.00060

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

10:17:45
 **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	0.00012	-90.00	-170.00	0.00014
-80.00	-170.00	0.00015	-70.00	-170.00	0.00016
-60.00	-170.00	0.00018	-50.00	-170.00	0.00020
-40.00	-170.00	0.00022	-30.00	-170.00	0.00025
-25.00	-170.00	0.00026	-20.00	-170.00	0.00028

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00029	-15.00	-170.00	0.00030
-13.00	-170.00	0.00031	-11.00	-170.00	0.00032
-9.00	-170.00	0.00033	9.00	-170.00	0.00042
11.00	-170.00	0.00043	13.00	-170.00	0.00044
15.00	-170.00	0.00045	17.00	-170.00	0.00046
20.00	-170.00	0.00048	25.00	-170.00	0.00050
30.00	-170.00	0.00053	40.00	-170.00	0.00056
50.00	-170.00	0.00059	60.00	-170.00	0.00061
70.00	-170.00	0.00063	80.00	-170.00	0.00065
90.00	-170.00	0.00067	100.00	-170.00	0.00068
-100.00	-160.00	0.00013	-90.00	-160.00	0.00014
-80.00	-160.00	0.00016	-70.00	-160.00	0.00018
-60.00	-160.00	0.00019	-50.00	-160.00	0.00021
-40.00	-160.00	0.00024	-30.00	-160.00	0.00027
-25.00	-160.00	0.00029	-20.00	-160.00	0.00031
-17.00	-160.00	0.00032	-15.00	-160.00	0.00033
-13.00	-160.00	0.00034	-11.00	-160.00	0.00035
-9.00	-160.00	0.00036	9.00	-160.00	0.00048
11.00	-160.00	0.00049	13.00	-160.00	0.00050
15.00	-160.00	0.00051	17.00	-160.00	0.00053
20.00	-160.00	0.00054	25.00	-160.00	0.00057
30.00	-160.00	0.00060	40.00	-160.00	0.00064
50.00	-160.00	0.00067	60.00	-160.00	0.00070
70.00	-160.00	0.00072	80.00	-160.00	0.00074
90.00	-160.00	0.00076	100.00	-160.00	0.00076
-100.00	-150.00	0.00013	-90.00	-150.00	0.00015
-80.00	-150.00	0.00017	-70.00	-150.00	0.00019
-60.00	-150.00	0.00021	-50.00	-150.00	0.00023
-40.00	-150.00	0.00026	-30.00	-150.00	0.00029
-25.00	-150.00	0.00031	-20.00	-150.00	0.00034
-17.00	-150.00	0.00036	-15.00	-150.00	0.00037
-13.00	-150.00	0.00038	-11.00	-150.00	0.00039
-9.00	-150.00	0.00041	9.00	-150.00	0.00054
11.00	-150.00	0.00056	13.00	-150.00	0.00057
15.00	-150.00	0.00059	17.00	-150.00	0.00060

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 10:17:45
 **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 **

05NCRA_PL97-300_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	0.00062	25.00	-150.00	0.00066
30.00	-150.00	0.00068	40.00	-150.00	0.00073
50.00	-150.00	0.00077	60.00	-150.00	0.00080
70.00	-150.00	0.00083	80.00	-150.00	0.00085
90.00	-150.00	0.00086	100.00	-150.00	0.00085
-100.00	-140.00	0.00014	-90.00	-140.00	0.00015
-80.00	-140.00	0.00018	-70.00	-140.00	0.00020
-60.00	-140.00	0.00023	-50.00	-140.00	0.00025
-40.00	-140.00	0.00028	-30.00	-140.00	0.00032
-25.00	-140.00	0.00035	-20.00	-140.00	0.00038
-17.00	-140.00	0.00039	-15.00	-140.00	0.00041
-13.00	-140.00	0.00042	-11.00	-140.00	0.00044
-9.00	-140.00	0.00045	9.00	-140.00	0.00062
11.00	-140.00	0.00064	13.00	-140.00	0.00066
15.00	-140.00	0.00068	17.00	-140.00	0.00070
20.00	-140.00	0.00072	25.00	-140.00	0.00076
30.00	-140.00	0.00079	40.00	-140.00	0.00084
50.00	-140.00	0.00089	60.00	-140.00	0.00093
70.00	-140.00	0.00096	80.00	-140.00	0.00098
90.00	-140.00	0.00097	100.00	-140.00	0.00096
-100.00	-130.00	0.00014	-90.00	-130.00	0.00016
-80.00	-130.00	0.00018	-70.00	-130.00	0.00021
-60.00	-130.00	0.00024	-50.00	-130.00	0.00027
-40.00	-130.00	0.00031	-30.00	-130.00	0.00036
-25.00	-130.00	0.00038	-20.00	-130.00	0.00042
-17.00	-130.00	0.00044	-15.00	-130.00	0.00046
-13.00	-130.00	0.00047	-11.00	-130.00	0.00049
-9.00	-130.00	0.00051	9.00	-130.00	0.00072
11.00	-130.00	0.00074	13.00	-130.00	0.00077
15.00	-130.00	0.00079	17.00	-130.00	0.00081
20.00	-130.00	0.00084	25.00	-130.00	0.00089
30.00	-130.00	0.00093	40.00	-130.00	0.00099
50.00	-130.00	0.00105	60.00	-130.00	0.00109
70.00	-130.00	0.00112	80.00	-130.00	0.00112
90.00	-130.00	0.00111	100.00	-130.00	0.00108
-100.00	-120.00	0.00015	-90.00	-120.00	0.00017
-80.00	-120.00	0.00019	-70.00	-120.00	0.00022
-60.00	-120.00	0.00026	-50.00	-120.00	0.00030
-40.00	-120.00	0.00034	-30.00	-120.00	0.00039
-25.00	-120.00	0.00043	-20.00	-120.00	0.00046

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**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	0.00049	-15.00	-120.00	0.00051
-13.00	-120.00	0.00053	-11.00	-120.00	0.00056
-9.00	-120.00	0.00058	9.00	-120.00	0.00084
11.00	-120.00	0.00087	13.00	-120.00	0.00090
15.00	-120.00	0.00093	17.00	-120.00	0.00096
20.00	-120.00	0.00100	25.00	-120.00	0.00105
30.00	-120.00	0.00110	40.00	-120.00	0.00118
50.00	-120.00	0.00125	60.00	-120.00	0.00129
70.00	-120.00	0.00131	80.00	-120.00	0.00130
90.00	-120.00	0.00126	100.00	-120.00	0.00121
-100.00	-110.00	0.00016	-90.00	-110.00	0.00018
-80.00	-110.00	0.00020	-70.00	-110.00	0.00023
-60.00	-110.00	0.00027	-50.00	-110.00	0.00032
-40.00	-110.00	0.00037	-30.00	-110.00	0.00044
-25.00	-110.00	0.00047	-20.00	-110.00	0.00052
-17.00	-110.00	0.00055	-15.00	-110.00	0.00058
-13.00	-110.00	0.00060	-11.00	-110.00	0.00063
-9.00	-110.00	0.00066	9.00	-110.00	0.00100
11.00	-110.00	0.00104	13.00	-110.00	0.00108
15.00	-110.00	0.00111	17.00	-110.00	0.00115
20.00	-110.00	0.00119	25.00	-110.00	0.00126
30.00	-110.00	0.00132	40.00	-110.00	0.00143
50.00	-110.00	0.00150	60.00	-110.00	0.00154
70.00	-110.00	0.00154	80.00	-110.00	0.00150
90.00	-110.00	0.00143	100.00	-110.00	0.00134
-100.00	-100.00	0.00017	-90.00	-100.00	0.00019
-80.00	-100.00	0.00022	-70.00	-100.00	0.00025
-60.00	-100.00	0.00029	-50.00	-100.00	0.00034
-40.00	-100.00	0.00041	-30.00	-100.00	0.00049
-25.00	-100.00	0.00053	-20.00	-100.00	0.00058
-17.00	-100.00	0.00062	-15.00	-100.00	0.00065
-13.00	-100.00	0.00068	-11.00	-100.00	0.00072
-9.00	-100.00	0.00076	9.00	-100.00	0.00121
11.00	-100.00	0.00126	13.00	-100.00	0.00131
15.00	-100.00	0.00135	17.00	-100.00	0.00140
20.00	-100.00	0.00145	25.00	-100.00	0.00154
30.00	-100.00	0.00162	40.00	-100.00	0.00176

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

50.00	-100.00	0.00183	60.00	-100.00	0.00184
70.00	-100.00	0.00180	80.00	-100.00	0.00171
90.00	-100.00	0.00159	100.00	-100.00	0.00146

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

10:17:45
 **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	0.00018	-90.00	-90.00	0.00020
-80.00	-90.00	0.00023	-70.00	-90.00	0.00027
-60.00	-90.00	0.00031	-50.00	-90.00	0.00037
-40.00	-90.00	0.00044	-30.00	-90.00	0.00054
-25.00	-90.00	0.00059	-20.00	-90.00	0.00066
-17.00	-90.00	0.00070	-15.00	-90.00	0.00074
-13.00	-90.00	0.00078	-11.00	-90.00	0.00082
-9.00	-90.00	0.00087	9.00	-90.00	0.00148
11.00	-90.00	0.00155	13.00	-90.00	0.00162
15.00	-90.00	0.00168	17.00	-90.00	0.00173
20.00	-90.00	0.00181	25.00	-90.00	0.00194
30.00	-90.00	0.00205	40.00	-90.00	0.00220
50.00	-90.00	0.00225	60.00	-90.00	0.00220
70.00	-90.00	0.00208	80.00	-90.00	0.00192
90.00	-90.00	0.00174	100.00	-90.00	0.00157
-100.00	-80.00	0.00019	-90.00	-80.00	0.00021
-80.00	-80.00	0.00024	-70.00	-80.00	0.00028
-60.00	-80.00	0.00033	-50.00	-80.00	0.00040
-40.00	-80.00	0.00048	-30.00	-80.00	0.00059
-25.00	-80.00	0.00066	-20.00	-80.00	0.00074
-17.00	-80.00	0.00079	-15.00	-80.00	0.00083
-13.00	-80.00	0.00088	-11.00	-80.00	0.00094
-9.00	-80.00	0.00100	9.00	-80.00	0.00186
11.00	-80.00	0.00196	13.00	-80.00	0.00205
15.00	-80.00	0.00213	17.00	-80.00	0.00222
20.00	-80.00	0.00234	25.00	-80.00	0.00251
30.00	-80.00	0.00265	40.00	-80.00	0.00278
50.00	-80.00	0.00274	60.00	-80.00	0.00258
70.00	-80.00	0.00235	80.00	-80.00	0.00210
90.00	-80.00	0.00187	100.00	-80.00	0.00165
-100.00	-70.00	0.00021	-90.00	-70.00	0.00023

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-80.00	-70.00	0.00026	-70.00	-70.00	0.00031
-60.00	-70.00	0.00036	-50.00	-70.00	0.00043
-40.00	-70.00	0.00052	-30.00	-70.00	0.00063
-25.00	-70.00	0.00071	-20.00	-70.00	0.00081
-17.00	-70.00	0.00088	-15.00	-70.00	0.00094
-13.00	-70.00	0.00099	-11.00	-70.00	0.00106
-9.00	-70.00	0.00114	9.00	-70.00	0.00241
11.00	-70.00	0.00256	13.00	-70.00	0.00270
15.00	-70.00	0.00284	17.00	-70.00	0.00297

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

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

10:17:45
 **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	0.00314	25.00	-70.00	0.00337
30.00	-70.00	0.00349	40.00	-70.00	0.00349
50.00	-70.00	0.00325	60.00	-70.00	0.00292
70.00	-70.00	0.00258	80.00	-70.00	0.00225
90.00	-70.00	0.00196	100.00	-70.00	0.00170
-100.00	-60.00	0.00023	-90.00	-60.00	0.00025
-80.00	-60.00	0.00029	-70.00	-60.00	0.00033
-60.00	-60.00	0.00039	-50.00	-60.00	0.00046
-40.00	-60.00	0.00056	-30.00	-60.00	0.00069
-25.00	-60.00	0.00077	-20.00	-60.00	0.00088
-17.00	-60.00	0.00096	-15.00	-60.00	0.00103
-13.00	-60.00	0.00110	-11.00	-60.00	0.00119
-9.00	-60.00	0.00129	9.00	-60.00	0.00334
11.00	-60.00	0.00360	13.00	-60.00	0.00383
15.00	-60.00	0.00404	17.00	-60.00	0.00421
20.00	-60.00	0.00440	25.00	-60.00	0.00455
30.00	-60.00	0.00452	40.00	-60.00	0.00417
50.00	-60.00	0.00369	60.00	-60.00	0.00320
70.00	-60.00	0.00274	80.00	-60.00	0.00234
90.00	-60.00	0.00200	100.00	-60.00	0.00171
-100.00	-50.00	0.00025	-90.00	-50.00	0.00028
-80.00	-50.00	0.00032	-70.00	-50.00	0.00037
-60.00	-50.00	0.00043	-50.00	-50.00	0.00051
-40.00	-50.00	0.00062	-30.00	-50.00	0.00076
-25.00	-50.00	0.00085	-20.00	-50.00	0.00096

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-17.00	-50.00	0.00105	-15.00	-50.00	0.00112
-13.00	-50.00	0.00120	-11.00	-50.00	0.00131
-9.00	-50.00	0.00144	9.00	-50.00	0.00534
11.00	-50.00	0.00560	13.00	-50.00	0.00576
15.00	-50.00	0.00585	17.00	-50.00	0.00588
20.00	-50.00	0.00586	25.00	-50.00	0.00567
30.00	-50.00	0.00538	40.00	-50.00	0.00468
50.00	-50.00	0.00398	60.00	-50.00	0.00335
70.00	-50.00	0.00282	80.00	-50.00	0.00236
90.00	-50.00	0.00199	100.00	-50.00	0.00168
-100.00	-40.00	0.00027	-90.00	-40.00	0.00030
-80.00	-40.00	0.00035	-70.00	-40.00	0.00041
-60.00	-40.00	0.00048	-50.00	-40.00	0.00057
-40.00	-40.00	0.00070	-30.00	-40.00	0.00087
-25.00	-40.00	0.00098	-20.00	-40.00	0.00112

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

10:17:45
 **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	0.00123	-15.00	-40.00	0.00132
-13.00	-40.00	0.00143	-11.00	-40.00	0.00157
-9.00	-40.00	0.00177	9.00	-40.00	0.00679
11.00	-40.00	0.00681	13.00	-40.00	0.00680
15.00	-40.00	0.00677	17.00	-40.00	0.00670
20.00	-40.00	0.00655	25.00	-40.00	0.00619
30.00	-40.00	0.00577	40.00	-40.00	0.00489
50.00	-40.00	0.00407	60.00	-40.00	0.00336
70.00	-40.00	0.00278	80.00	-40.00	0.00230
90.00	-40.00	0.00191	100.00	-40.00	0.00159
-100.00	-30.00	0.00029	-90.00	-30.00	0.00034
-80.00	-30.00	0.00039	-70.00	-30.00	0.00046
-60.00	-30.00	0.00055	-50.00	-30.00	0.00066
-40.00	-30.00	0.00082	-30.00	-30.00	0.00104
-25.00	-30.00	0.00118	-20.00	-30.00	0.00137
-17.00	-30.00	0.00152	-15.00	-30.00	0.00164
-13.00	-30.00	0.00179	-11.00	-30.00	0.00196
-9.00	-30.00	0.00218	9.00	-30.00	0.00684
11.00	-30.00	0.00685	13.00	-30.00	0.00684

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00681	17.00	-30.00	0.00674
20.00	-30.00	0.00658	25.00	-30.00	0.00621
30.00	-30.00	0.00577	40.00	-30.00	0.00484
50.00	-30.00	0.00398	60.00	-30.00	0.00324
70.00	-30.00	0.00264	80.00	-30.00	0.00215
90.00	-30.00	0.00177	100.00	-30.00	0.00146
-100.00	-20.00	0.00032	-90.00	-20.00	0.00037
-80.00	-20.00	0.00044	-70.00	-20.00	0.00052
-60.00	-20.00	0.00062	-50.00	-20.00	0.00076
-40.00	-20.00	0.00094	-30.00	-20.00	0.00120
-25.00	-20.00	0.00138	-20.00	-20.00	0.00160
-17.00	-20.00	0.00176	-15.00	-20.00	0.00188
-13.00	-20.00	0.00202	-11.00	-20.00	0.00217
-9.00	-20.00	0.00236	9.00	-20.00	0.00674
11.00	-20.00	0.00674	13.00	-20.00	0.00673
15.00	-20.00	0.00669	17.00	-20.00	0.00661
20.00	-20.00	0.00644	25.00	-20.00	0.00604
30.00	-20.00	0.00559	40.00	-20.00	0.00462
50.00	-20.00	0.00374	60.00	-20.00	0.00300
70.00	-20.00	0.00241	80.00	-20.00	0.00195
90.00	-20.00	0.00158	100.00	-20.00	0.00130

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

10:17:45
 **MODELOPTs:
 PAGE 72
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00035	-90.00	-10.00	0.00041
-80.00	-10.00	0.00048	-70.00	-10.00	0.00057
-60.00	-10.00	0.00069	-50.00	-10.00	0.00084
-40.00	-10.00	0.00104	-30.00	-10.00	0.00133
-25.00	-10.00	0.00152	-20.00	-10.00	0.00173
-17.00	-10.00	0.00188	-15.00	-10.00	0.00198
-13.00	-10.00	0.00210	-11.00	-10.00	0.00223
-9.00	-10.00	0.00239	9.00	-10.00	0.00655
11.00	-10.00	0.00654	13.00	-10.00	0.00652
15.00	-10.00	0.00646	17.00	-10.00	0.00637
20.00	-10.00	0.00618	25.00	-10.00	0.00577
30.00	-10.00	0.00528	40.00	-10.00	0.00428
50.00	-10.00	0.00339	60.00	-10.00	0.00267

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00211	80.00	-10.00	0.00169
90.00	-10.00	0.00137	100.00	-10.00	0.00113
-100.00	0.00	0.00037	-90.00	0.00	0.00044
-80.00	0.00	0.00051	-70.00	0.00	0.00061
-60.00	0.00	0.00074	-50.00	0.00	0.00091
-40.00	0.00	0.00113	-30.00	0.00	0.00141
-25.00	0.00	0.00158	-20.00	0.00	0.00177
-17.00	0.00	0.00190	-15.00	0.00	0.00199
-13.00	0.00	0.00209	-11.00	0.00	0.00220
-9.00	0.00	0.00234	9.00	0.00	0.00627
11.00	0.00	0.00624	13.00	0.00	0.00619
15.00	0.00	0.00611	17.00	0.00	0.00601
20.00	0.00	0.00580	25.00	0.00	0.00535
30.00	0.00	0.00482	40.00	0.00	0.00379
50.00	0.00	0.00293	60.00	0.00	0.00226
70.00	0.00	0.00177	80.00	0.00	0.00141
90.00	0.00	0.00115	100.00	0.00	0.00095
-100.00	10.00	0.00039	-90.00	10.00	0.00046
-80.00	10.00	0.00054	-70.00	10.00	0.00065
-60.00	10.00	0.00079	-50.00	10.00	0.00097
-40.00	10.00	0.00118	-30.00	10.00	0.00144
-25.00	10.00	0.00159	-20.00	10.00	0.00175
-17.00	10.00	0.00186	-15.00	10.00	0.00194
-13.00	10.00	0.00202	-11.00	10.00	0.00212
-9.00	10.00	0.00223	9.00	10.00	0.00586
11.00	10.00	0.00580	13.00	10.00	0.00572
15.00	10.00	0.00562	17.00	10.00	0.00548

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

10:17:45
 **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	0.00523	25.00	10.00	0.00472
30.00	10.00	0.00417	40.00	10.00	0.00315
50.00	10.00	0.00236	60.00	10.00	0.00180
70.00	10.00	0.00141	80.00	10.00	0.00113
90.00	10.00	0.00093	100.00	10.00	0.00077
-100.00	20.00	0.00040	-90.00	20.00	0.00047
-80.00	20.00	0.00056	-70.00	20.00	0.00068

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00082	-50.00	20.00	0.00099
-40.00	20.00	0.00120	-30.00	20.00	0.00144
-25.00	20.00	0.00157	-20.00	20.00	0.00170
-17.00	20.00	0.00179	-15.00	20.00	0.00185
-13.00	20.00	0.00191	-11.00	20.00	0.00199
-9.00	20.00	0.00208	9.00	20.00	0.00526
11.00	20.00	0.00514	13.00	20.00	0.00501
15.00	20.00	0.00486	17.00	20.00	0.00467
20.00	20.00	0.00436	25.00	20.00	0.00379
30.00	20.00	0.00324	40.00	20.00	0.00235
50.00	20.00	0.00175	60.00	20.00	0.00135
70.00	20.00	0.00107	80.00	20.00	0.00087
90.00	20.00	0.00072	100.00	20.00	0.00061
-100.00	30.00	0.00041	-90.00	30.00	0.00048
-80.00	30.00	0.00057	-70.00	30.00	0.00069
-60.00	30.00	0.00082	-50.00	30.00	0.00099
-40.00	30.00	0.00118	-30.00	30.00	0.00140
-25.00	30.00	0.00152	-20.00	30.00	0.00163
-17.00	30.00	0.00170	-15.00	30.00	0.00175
-13.00	30.00	0.00179	-11.00	30.00	0.00184
-9.00	30.00	0.00191	9.00	30.00	0.00426
11.00	30.00	0.00403	13.00	30.00	0.00380
15.00	30.00	0.00357	17.00	30.00	0.00334
20.00	30.00	0.00300	25.00	30.00	0.00251
30.00	30.00	0.00211	40.00	30.00	0.00156
50.00	30.00	0.00120	60.00	30.00	0.00095
70.00	30.00	0.00077	80.00	30.00	0.00064
90.00	30.00	0.00054	100.00	30.00	0.00047
-100.00	40.00	0.00042	-90.00	40.00	0.00049
-80.00	40.00	0.00057	-70.00	40.00	0.00068
-60.00	40.00	0.00081	-50.00	40.00	0.00096
-40.00	40.00	0.00113	-30.00	40.00	0.00133
-25.00	40.00	0.00143	-20.00	40.00	0.00153

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

10:17:45
 **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	0.00159	-15.00	40.00	0.00162

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00165	-11.00	40.00	0.00169
-9.00	40.00	0.00172	9.00	40.00	0.00217
11.00	40.00	0.00193	13.00	40.00	0.00177
15.00	40.00	0.00165	17.00	40.00	0.00156
20.00	40.00	0.00143	25.00	40.00	0.00126
30.00	40.00	0.00112	40.00	40.00	0.00090
50.00	40.00	0.00074	60.00	40.00	0.00062
70.00	40.00	0.00053	80.00	40.00	0.00046
90.00	40.00	0.00040	100.00	40.00	0.00035
-100.00	50.00	0.00042	-90.00	50.00	0.00048
-80.00	50.00	0.00056	-70.00	50.00	0.00066
-60.00	50.00	0.00077	-50.00	50.00	0.00090
-40.00	50.00	0.00105	-30.00	50.00	0.00120
-25.00	50.00	0.00127	-20.00	50.00	0.00134
-17.00	50.00	0.00136	-15.00	50.00	0.00137
-13.00	50.00	0.00137	-11.00	50.00	0.00136
-9.00	50.00	0.00133	9.00	50.00	0.00060
11.00	50.00	0.00060	13.00	50.00	0.00060
15.00	50.00	0.00060	17.00	50.00	0.00060
20.00	50.00	0.00059	25.00	50.00	0.00058
30.00	50.00	0.00056	40.00	50.00	0.00051
50.00	50.00	0.00046	60.00	50.00	0.00041
70.00	50.00	0.00037	80.00	50.00	0.00033
90.00	50.00	0.00029	100.00	50.00	0.00027
-100.00	60.00	0.00041	-90.00	60.00	0.00047
-80.00	60.00	0.00054	-70.00	60.00	0.00062
-60.00	60.00	0.00070	-50.00	60.00	0.00080
-40.00	60.00	0.00091	-30.00	60.00	0.00100
-25.00	60.00	0.00103	-20.00	60.00	0.00103
-17.00	60.00	0.00101	-15.00	60.00	0.00099
-13.00	60.00	0.00095	-11.00	60.00	0.00090
-9.00	60.00	0.00083	9.00	60.00	0.00040
11.00	60.00	0.00039	13.00	60.00	0.00039
15.00	60.00	0.00038	17.00	60.00	0.00038
20.00	60.00	0.00037	25.00	60.00	0.00036
30.00	60.00	0.00035	40.00	60.00	0.00033
50.00	60.00	0.00030	60.00	60.00	0.00028
70.00	60.00	0.00026	80.00	60.00	0.00024
90.00	60.00	0.00022	100.00	60.00	0.00020

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**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	0.00039	-90.00	70.00	0.00044	
-80.00	70.00	0.00049	-70.00	70.00	0.00056	
-60.00	70.00	0.00062	-50.00	70.00	0.00069	
-40.00	70.00	0.00076	-30.00	70.00	0.00079	
-25.00	70.00	0.00077	-20.00	70.00	0.00073	
-17.00	70.00	0.00070	-15.00	70.00	0.00067	
-13.00	70.00	0.00063	-11.00	70.00	0.00059	
-9.00	70.00	0.00055	9.00	70.00	0.00030	
11.00	70.00	0.00029	13.00	70.00	0.00029	
15.00	70.00	0.00028	17.00	70.00	0.00028	
20.00	70.00	0.00027	25.00	70.00	0.00027	
30.00	70.00	0.00026	40.00	70.00	0.00024	
50.00	70.00	0.00022	60.00	70.00	0.00021	
70.00	70.00	0.00020	80.00	70.00	0.00018	
90.00	70.00	0.00017	100.00	70.00	0.00016	
-100.00	80.00	0.00036	-90.00	80.00	0.00040	
-80.00	80.00	0.00045	-70.00	80.00	0.00050	
-60.00	80.00	0.00054	-50.00	80.00	0.00059	
-40.00	80.00	0.00061	-30.00	80.00	0.00059	
-25.00	80.00	0.00056	-20.00	80.00	0.00052	
-17.00	80.00	0.00049	-15.00	80.00	0.00047	
-13.00	80.00	0.00044	-11.00	80.00	0.00042	
-9.00	80.00	0.00039	9.00	80.00	0.00024	
11.00	80.00	0.00023	13.00	80.00	0.00022	
15.00	80.00	0.00022	17.00	80.00	0.00022	
20.00	80.00	0.00021	25.00	80.00	0.00021	
30.00	80.00	0.00020	40.00	80.00	0.00019	
50.00	80.00	0.00018	60.00	80.00	0.00017	
70.00	80.00	0.00016	80.00	80.00	0.00015	
90.00	80.00	0.00014	100.00	80.00	0.00013	
-100.00	90.00	0.00033	-90.00	90.00	0.00037	
-80.00	90.00	0.00040	-70.00	90.00	0.00044	
-60.00	90.00	0.00047	-50.00	90.00	0.00049	
-40.00	90.00	0.00048	-30.00	90.00	0.00045	
-25.00	90.00	0.00042	-20.00	90.00	0.00038	
-17.00	90.00	0.00036	-15.00	90.00	0.00034	
-13.00	90.00	0.00033	-11.00	90.00	0.00031	
-9.00	90.00	0.00030	9.00	90.00	0.00019	
11.00	90.00	0.00018	13.00	90.00	0.00018	

15.00 90.00 0.00018 17.00 90.00 0.00018

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

10:17:45

**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	0.00017	25.00	90.00	0.00017
30.00	90.00	0.00016	40.00	90.00	0.00015
50.00	90.00	0.00015	60.00	90.00	0.00014
70.00	90.00	0.00013	80.00	90.00	0.00012
90.00	90.00	0.00012	100.00	90.00	0.00011
-100.00	100.00	0.00031	-90.00	100.00	0.00033
-80.00	100.00	0.00036	-70.00	100.00	0.00038
-60.00	100.00	0.00039	-50.00	100.00	0.00039
-40.00	100.00	0.00038	-30.00	100.00	0.00034
-25.00	100.00	0.00032	-20.00	100.00	0.00029
-17.00	100.00	0.00027	-15.00	100.00	0.00026
-13.00	100.00	0.00025	-11.00	100.00	0.00024
-9.00	100.00	0.00023	9.00	100.00	0.00016
11.00	100.00	0.00015	13.00	100.00	0.00015
15.00	100.00	0.00015	17.00	100.00	0.00014
20.00	100.00	0.00014	25.00	100.00	0.00014
30.00	100.00	0.00013	40.00	100.00	0.00013
50.00	100.00	0.00012	60.00	100.00	0.00011
70.00	100.00	0.00011	80.00	100.00	0.00010
90.00	100.00	0.00010	100.00	100.00	0.00009
-100.00	110.00	0.00028	-90.00	110.00	0.00030
-80.00	110.00	0.00031	-70.00	110.00	0.00032
-60.00	110.00	0.00033	-50.00	110.00	0.00032
-40.00	110.00	0.00030	-30.00	110.00	0.00027
-25.00	110.00	0.00025	-20.00	110.00	0.00023
-17.00	110.00	0.00022	-15.00	110.00	0.00021
-13.00	110.00	0.00020	-11.00	110.00	0.00019
-9.00	110.00	0.00019	9.00	110.00	0.00013
11.00	110.00	0.00013	13.00	110.00	0.00013
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	0.00011	40.00	110.00	0.00011
50.00	110.00	0.00010	60.00	110.00	0.00010

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

70.00	110.00	0.00009	80.00	110.00	0.00009
90.00	110.00	0.00009	100.00	110.00	0.00008
-100.00	120.00	0.00025	-90.00	120.00	0.00026
-80.00	120.00	0.00027	-70.00	120.00	0.00027
-60.00	120.00	0.00027	-50.00	120.00	0.00026
-40.00	120.00	0.00024	-30.00	120.00	0.00022
-25.00	120.00	0.00020	-20.00	120.00	0.00018

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

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

10:17:45

**MODELOPTs:
PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00018	-15.00	120.00	0.00017
-13.00	120.00	0.00016	-11.00	120.00	0.00016
-9.00	120.00	0.00016	9.00	120.00	0.00011
11.00	120.00	0.00011	13.00	120.00	0.00011
15.00	120.00	0.00010	17.00	120.00	0.00010
20.00	120.00	0.00010	25.00	120.00	0.00010
30.00	120.00	0.00010	40.00	120.00	0.00009
50.00	120.00	0.00009	60.00	120.00	0.00008
70.00	120.00	0.00008	80.00	120.00	0.00008
90.00	120.00	0.00007	100.00	120.00	0.00007
-100.00	130.00	0.00023	-90.00	130.00	0.00023
-80.00	130.00	0.00023	-70.00	130.00	0.00023
-60.00	130.00	0.00023	-50.00	130.00	0.00022
-40.00	130.00	0.00020	-30.00	130.00	0.00018
-25.00	130.00	0.00016	-20.00	130.00	0.00015
-17.00	130.00	0.00015	-15.00	130.00	0.00014
-13.00	130.00	0.00014	-11.00	130.00	0.00013
-9.00	130.00	0.00013	9.00	130.00	0.00010
11.00	130.00	0.00009	13.00	130.00	0.00009
15.00	130.00	0.00009	17.00	130.00	0.00009
20.00	130.00	0.00009	25.00	130.00	0.00009
30.00	130.00	0.00008	40.00	130.00	0.00008
50.00	130.00	0.00008	60.00	130.00	0.00007
70.00	130.00	0.00007	80.00	130.00	0.00007
90.00	130.00	0.00007	100.00	130.00	0.00006
-100.00	140.00	0.00020	-90.00	140.00	0.00020
-80.00	140.00	0.00020	-70.00	140.00	0.00020

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-60.00	140.00	0.00019	-50.00	140.00	0.00018
-40.00	140.00	0.00017	-30.00	140.00	0.00015
-25.00	140.00	0.00014	-20.00	140.00	0.00013
-17.00	140.00	0.00012	-15.00	140.00	0.00012
-13.00	140.00	0.00012	-11.00	140.00	0.00011
-9.00	140.00	0.00011	9.00	140.00	0.00008
11.00	140.00	0.00008	13.00	140.00	0.00008
15.00	140.00	0.00008	17.00	140.00	0.00008
20.00	140.00	0.00008	25.00	140.00	0.00007
30.00	140.00	0.00007	40.00	140.00	0.00007
50.00	140.00	0.00007	60.00	140.00	0.00006
70.00	140.00	0.00006	80.00	140.00	0.00006
90.00	140.00	0.00006	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 ***

10:17:45

**MODELOPTs:
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00018	-90.00	150.00	0.00018
-80.00	150.00	0.00017	-70.00	150.00	0.00017
-60.00	150.00	0.00016	-50.00	150.00	0.00015
-40.00	150.00	0.00014	-30.00	150.00	0.00012
-25.00	150.00	0.00012	-20.00	150.00	0.00011
-17.00	150.00	0.00011	-15.00	150.00	0.00010
-13.00	150.00	0.00010	-11.00	150.00	0.00010
-9.00	150.00	0.00010	9.00	150.00	0.00007
11.00	150.00	0.00007	13.00	150.00	0.00007
15.00	150.00	0.00007	17.00	150.00	0.00007
20.00	150.00	0.00007	25.00	150.00	0.00006
30.00	150.00	0.00006	40.00	150.00	0.00006
50.00	150.00	0.00006	60.00	150.00	0.00006
70.00	150.00	0.00005	80.00	150.00	0.00005
90.00	150.00	0.00005	100.00	150.00	0.00005
-100.00	160.00	0.00015	-90.00	160.00	0.00015
-80.00	160.00	0.00015	-70.00	160.00	0.00015
-60.00	160.00	0.00014	-50.00	160.00	0.00013
-40.00	160.00	0.00012	-30.00	160.00	0.00011
-25.00	160.00	0.00010	-20.00	160.00	0.00009
-17.00	160.00	0.00009	-15.00	160.00	0.00009

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-13.00	160.00	0.00009	-11.00	160.00	0.00009
-9.00	160.00	0.00008	9.00	160.00	0.00007
11.00	160.00	0.00006	13.00	160.00	0.00006
15.00	160.00	0.00006	17.00	160.00	0.00006
20.00	160.00	0.00006	25.00	160.00	0.00006
30.00	160.00	0.00006	40.00	160.00	0.00006
50.00	160.00	0.00005	60.00	160.00	0.00005
70.00	160.00	0.00005	80.00	160.00	0.00005
90.00	160.00	0.00005	100.00	160.00	0.00004
-100.00	170.00	0.00014	-90.00	170.00	0.00014
-80.00	170.00	0.00013	-70.00	170.00	0.00013
-60.00	170.00	0.00012	-50.00	170.00	0.00011
-40.00	170.00	0.00010	-30.00	170.00	0.00009
-25.00	170.00	0.00009	-20.00	170.00	0.00008
-17.00	170.00	0.00008	-15.00	170.00	0.00008
-13.00	170.00	0.00008	-11.00	170.00	0.00008
-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	0.00005

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

10:17:45

**MODELOPTs:

PAGE 79

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	0.00005	25.00	170.00	0.00005
30.00	170.00	0.00005	40.00	170.00	0.00005
50.00	170.00	0.00005	60.00	170.00	0.00005
70.00	170.00	0.00004	80.00	170.00	0.00004
90.00	170.00	0.00004	100.00	170.00	0.00004
-100.00	180.00	0.00012	-90.00	180.00	0.00012
-80.00	180.00	0.00012	-70.00	180.00	0.00011
-60.00	180.00	0.00011	-50.00	180.00	0.00010
-40.00	180.00	0.00009	-30.00	180.00	0.00008
-25.00	180.00	0.00008	-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	0.00005
11.00	180.00	0.00005	13.00	180.00	0.00005
15.00	180.00	0.00005	17.00	180.00	0.00005

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

20.00	180.00	0.00005	25.00	180.00	0.00005
30.00	180.00	0.00005	40.00	180.00	0.00004
50.00	180.00	0.00004	60.00	180.00	0.00004
70.00	180.00	0.00004	80.00	180.00	0.00004
90.00	180.00	0.00004	100.00	180.00	0.00004
-100.00	190.00	0.00011	-90.00	190.00	0.00011
-80.00	190.00	0.00010	-70.00	190.00	0.00010
-60.00	190.00	0.00009	-50.00	190.00	0.00009
-40.00	190.00	0.00008	-30.00	190.00	0.00007
-25.00	190.00	0.00007	-20.00	190.00	0.00007
-17.00	190.00	0.00006	-15.00	190.00	0.00006
-13.00	190.00	0.00006	-11.00	190.00	0.00006
-9.00	190.00	0.00006	9.00	190.00	0.00005
11.00	190.00	0.00005	13.00	190.00	0.00005
15.00	190.00	0.00005	17.00	190.00	0.00004
20.00	190.00	0.00004	25.00	190.00	0.00004
30.00	190.00	0.00004	40.00	190.00	0.00004
50.00	190.00	0.00004	60.00	190.00	0.00004
70.00	190.00	0.00004	80.00	190.00	0.00004
90.00	190.00	0.00003	100.00	190.00	0.00003
-100.00	200.00	0.00010	-90.00	200.00	0.00010
-80.00	200.00	0.00009	-70.00	200.00	0.00009
-60.00	200.00	0.00008	-50.00	200.00	0.00008
-40.00	200.00	0.00007	-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 ***

10:17:45
 **MODELOPTs:
 PAGE 80

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00006	-15.00	200.00	0.00006
-13.00	200.00	0.00006	-11.00	200.00	0.00005
-9.00	200.00	0.00005	9.00	200.00	0.00004
11.00	200.00	0.00004	13.00	200.00	0.00004
15.00	200.00	0.00004	17.00	200.00	0.00004
20.00	200.00	0.00004	25.00	200.00	0.00004
30.00	200.00	0.00004	40.00	200.00	0.00004
50.00	200.00	0.00004	60.00	200.00	0.00004
70.00	200.00	0.00003	80.00	200.00	0.00003

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00003	100.00	200.00	0.00003
-100.00	210.00	0.00009	-90.00	210.00	0.00009
-80.00	210.00	0.00008	-70.00	210.00	0.00008
-60.00	210.00	0.00007	-50.00	210.00	0.00007
-40.00	210.00	0.00006	-30.00	210.00	0.00006
-25.00	210.00	0.00005	-20.00	210.00	0.00005
-17.00	210.00	0.00005	-15.00	210.00	0.00005
-13.00	210.00	0.00005	-11.00	210.00	0.00005
-9.00	210.00	0.00005	9.00	210.00	0.00004
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	0.00003
30.00	210.00	0.00003	40.00	210.00	0.00003
50.00	210.00	0.00003	60.00	210.00	0.00003
70.00	210.00	0.00003	80.00	210.00	0.00003
90.00	210.00	0.00003	100.00	210.00	0.00003
-100.00	220.00	0.00008	-90.00	220.00	0.00008
-80.00	220.00	0.00007	-70.00	220.00	0.00007
-60.00	220.00	0.00006	-50.00	220.00	0.00006
-40.00	220.00	0.00005	-30.00	220.00	0.00005
-25.00	220.00	0.00005	-20.00	220.00	0.00005
-17.00	220.00	0.00005	-15.00	220.00	0.00005
-13.00	220.00	0.00005	-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	0.00003	17.00	220.00	0.00003
20.00	220.00	0.00003	25.00	220.00	0.00003
30.00	220.00	0.00003	40.00	220.00	0.00003
50.00	220.00	0.00003	60.00	220.00	0.00003
70.00	220.00	0.00003	80.00	220.00	0.00003
90.00	220.00	0.00003	100.00	220.00	0.00003

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

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

10:17:45
 **MODELOPTs:
 PAGE 81

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00007	-90.00	230.00	0.00007
-80.00	230.00	0.00007	-70.00	230.00	0.00006
-60.00	230.00	0.00006	-50.00	230.00	0.00005

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-40.00	230.00	0.00005	-30.00	230.00	0.00005
-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	0.00003
50.00	230.00	0.00003	60.00	230.00	0.00003
70.00	230.00	0.00003	80.00	230.00	0.00003
90.00	230.00	0.00003	100.00	230.00	0.00002
-100.00	240.00	0.00007	-90.00	240.00	0.00006
-80.00	240.00	0.00006	-70.00	240.00	0.00006
-60.00	240.00	0.00005	-50.00	240.00	0.00005
-40.00	240.00	0.00005	-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	0.00004
-13.00	240.00	0.00004	-11.00	240.00	0.00004
-9.00	240.00	0.00004	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	0.00002
90.00	240.00	0.00002	100.00	240.00	0.00002
-100.00	250.00	0.00006	-90.00	250.00	0.00006
-80.00	250.00	0.00005	-70.00	250.00	0.00005
-60.00	250.00	0.00005	-50.00	250.00	0.00004
-40.00	250.00	0.00004	-30.00	250.00	0.00004
-25.00	250.00	0.00004	-20.00	250.00	0.00004
-17.00	250.00	0.00004	-15.00	250.00	0.00004
-13.00	250.00	0.00003	-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 ***

10:17:45

**MODELOPTs:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

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

05NCRA_PL97-300_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	0.00002	40.00	250.00	0.00002
50.00	250.00	0.00002	60.00	250.00	0.00002
70.00	250.00	0.00002	80.00	250.00	0.00002
90.00	250.00	0.00002	100.00	250.00	0.00002

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

10:17:45
 **MODELOPTs:
 PAGE 83

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00013	-90.00	-250.00	0.00014
-80.00	-250.00	0.00016	-70.00	-250.00	0.00018
-60.00	-250.00	0.00019	-50.00	-250.00	0.00021
-40.00	-250.00	0.00024	-30.00	-250.00	0.00027
-25.00	-250.00	0.00029	-20.00	-250.00	0.00031
-17.00	-250.00	0.00032	-15.00	-250.00	0.00033
-13.00	-250.00	0.00034	-11.00	-250.00	0.00035
-9.00	-250.00	0.00036	9.00	-250.00	0.00048
11.00	-250.00	0.00049	13.00	-250.00	0.00050
15.00	-250.00	0.00051	17.00	-250.00	0.00053
20.00	-250.00	0.00054	25.00	-250.00	0.00057
30.00	-250.00	0.00060	40.00	-250.00	0.00064
50.00	-250.00	0.00067	60.00	-250.00	0.00070
70.00	-250.00	0.00072	80.00	-250.00	0.00074
90.00	-250.00	0.00076	100.00	-250.00	0.00076
-100.00	-240.00	0.00013	-90.00	-240.00	0.00015
-80.00	-240.00	0.00017	-70.00	-240.00	0.00019
-60.00	-240.00	0.00021	-50.00	-240.00	0.00023
-40.00	-240.00	0.00026	-30.00	-240.00	0.00029
-25.00	-240.00	0.00031	-20.00	-240.00	0.00034
-17.00	-240.00	0.00036	-15.00	-240.00	0.00037
-13.00	-240.00	0.00038	-11.00	-240.00	0.00039
-9.00	-240.00	0.00041	9.00	-240.00	0.00054
11.00	-240.00	0.00056	13.00	-240.00	0.00057
15.00	-240.00	0.00059	17.00	-240.00	0.00060
20.00	-240.00	0.00062	25.00	-240.00	0.00066

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

30.00	-240.00	0.00068	40.00	-240.00	0.00073
50.00	-240.00	0.00077	60.00	-240.00	0.00080
70.00	-240.00	0.00083	80.00	-240.00	0.00085
90.00	-240.00	0.00086	100.00	-240.00	0.00085
-100.00	-230.00	0.00014	-90.00	-230.00	0.00015
-80.00	-230.00	0.00018	-70.00	-230.00	0.00020
-60.00	-230.00	0.00023	-50.00	-230.00	0.00025
-40.00	-230.00	0.00028	-30.00	-230.00	0.00032
-25.00	-230.00	0.00035	-20.00	-230.00	0.00038
-17.00	-230.00	0.00039	-15.00	-230.00	0.00041
-13.00	-230.00	0.00042	-11.00	-230.00	0.00044
-9.00	-230.00	0.00045	9.00	-230.00	0.00062
11.00	-230.00	0.00064	13.00	-230.00	0.00066
15.00	-230.00	0.00068	17.00	-230.00	0.00070

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

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

10:17:45

**MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00072	25.00	-230.00	0.00076
30.00	-230.00	0.00079	40.00	-230.00	0.00084
50.00	-230.00	0.00089	60.00	-230.00	0.00093
70.00	-230.00	0.00096	80.00	-230.00	0.00098
90.00	-230.00	0.00097	100.00	-230.00	0.00096
-100.00	-220.00	0.00014	-90.00	-220.00	0.00016
-80.00	-220.00	0.00018	-70.00	-220.00	0.00021
-60.00	-220.00	0.00024	-50.00	-220.00	0.00027
-40.00	-220.00	0.00031	-30.00	-220.00	0.00036
-25.00	-220.00	0.00038	-20.00	-220.00	0.00042
-17.00	-220.00	0.00044	-15.00	-220.00	0.00046
-13.00	-220.00	0.00047	-11.00	-220.00	0.00049
-9.00	-220.00	0.00051	9.00	-220.00	0.00072
11.00	-220.00	0.00074	13.00	-220.00	0.00077
15.00	-220.00	0.00079	17.00	-220.00	0.00081
20.00	-220.00	0.00084	25.00	-220.00	0.00089
30.00	-220.00	0.00093	40.00	-220.00	0.00099
50.00	-220.00	0.00105	60.00	-220.00	0.00109
70.00	-220.00	0.00112	80.00	-220.00	0.00112
90.00	-220.00	0.00111	100.00	-220.00	0.00108

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-100.00	-210.00	0.00015	-90.00	-210.00	0.00017
-80.00	-210.00	0.00019	-70.00	-210.00	0.00022
-60.00	-210.00	0.00026	-50.00	-210.00	0.00030
-40.00	-210.00	0.00034	-30.00	-210.00	0.00039
-25.00	-210.00	0.00043	-20.00	-210.00	0.00046
-17.00	-210.00	0.00049	-15.00	-210.00	0.00051
-13.00	-210.00	0.00053	-11.00	-210.00	0.00056
-9.00	-210.00	0.00058	9.00	-210.00	0.00084
11.00	-210.00	0.00087	13.00	-210.00	0.00090
15.00	-210.00	0.00093	17.00	-210.00	0.00096
20.00	-210.00	0.00100	25.00	-210.00	0.00105
30.00	-210.00	0.00110	40.00	-210.00	0.00118
50.00	-210.00	0.00125	60.00	-210.00	0.00129
70.00	-210.00	0.00131	80.00	-210.00	0.00130
90.00	-210.00	0.00126	100.00	-210.00	0.00121
-100.00	-200.00	0.00016	-90.00	-200.00	0.00018
-80.00	-200.00	0.00020	-70.00	-200.00	0.00023
-60.00	-200.00	0.00027	-50.00	-200.00	0.00032
-40.00	-200.00	0.00037	-30.00	-200.00	0.00044
-25.00	-200.00	0.00047	-20.00	-200.00	0.00052

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

10:17:45
 **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	0.00055	-15.00	-200.00	0.00058
-13.00	-200.00	0.00060	-11.00	-200.00	0.00063
-9.00	-200.00	0.00066	9.00	-200.00	0.00100
11.00	-200.00	0.00104	13.00	-200.00	0.00108
15.00	-200.00	0.00111	17.00	-200.00	0.00115
20.00	-200.00	0.00119	25.00	-200.00	0.00126
30.00	-200.00	0.00132	40.00	-200.00	0.00143
50.00	-200.00	0.00150	60.00	-200.00	0.00154
70.00	-200.00	0.00154	80.00	-200.00	0.00150
90.00	-200.00	0.00143	100.00	-200.00	0.00134
-100.00	-190.00	0.00017	-90.00	-190.00	0.00019
-80.00	-190.00	0.00022	-70.00	-190.00	0.00025
-60.00	-190.00	0.00029	-50.00	-190.00	0.00034
-40.00	-190.00	0.00041	-30.00	-190.00	0.00049

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-25.00	-190.00	0.00053	-20.00	-190.00	0.00058
-17.00	-190.00	0.00062	-15.00	-190.00	0.00065
-13.00	-190.00	0.00068	-11.00	-190.00	0.00072
-9.00	-190.00	0.00076	9.00	-190.00	0.00121
11.00	-190.00	0.00126	13.00	-190.00	0.00131
15.00	-190.00	0.00135	17.00	-190.00	0.00140
20.00	-190.00	0.00145	25.00	-190.00	0.00154
30.00	-190.00	0.00162	40.00	-190.00	0.00176
50.00	-190.00	0.00183	60.00	-190.00	0.00184
70.00	-190.00	0.00180	80.00	-190.00	0.00171
90.00	-190.00	0.00159	100.00	-190.00	0.00146
-100.00	-180.00	0.00018	-90.00	-180.00	0.00020
-80.00	-180.00	0.00023	-70.00	-180.00	0.00027
-60.00	-180.00	0.00031	-50.00	-180.00	0.00037
-40.00	-180.00	0.00044	-30.00	-180.00	0.00054
-25.00	-180.00	0.00059	-20.00	-180.00	0.00066
-17.00	-180.00	0.00070	-15.00	-180.00	0.00074
-13.00	-180.00	0.00078	-11.00	-180.00	0.00082
-9.00	-180.00	0.00087	9.00	-180.00	0.00148
11.00	-180.00	0.00155	13.00	-180.00	0.00162
15.00	-180.00	0.00168	17.00	-180.00	0.00173
20.00	-180.00	0.00181	25.00	-180.00	0.00194
30.00	-180.00	0.00205	40.00	-180.00	0.00220
50.00	-180.00	0.00225	60.00	-180.00	0.00220
70.00	-180.00	0.00208	80.00	-180.00	0.00192
90.00	-180.00	0.00174	100.00	-180.00	0.00157

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

04/20/08

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

10:17:45

**MODELOPTS:

PAGE 86

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00019	-90.00	-170.00	0.00021
-80.00	-170.00	0.00024	-70.00	-170.00	0.00028
-60.00	-170.00	0.00033	-50.00	-170.00	0.00040
-40.00	-170.00	0.00048	-30.00	-170.00	0.00059
-25.00	-170.00	0.00066	-20.00	-170.00	0.00074
-17.00	-170.00	0.00079	-15.00	-170.00	0.00083
-13.00	-170.00	0.00088	-11.00	-170.00	0.00094
-9.00	-170.00	0.00100	9.00	-170.00	0.00186

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00196	13.00	-170.00	0.00205
15.00	-170.00	0.00213	17.00	-170.00	0.00222
20.00	-170.00	0.00234	25.00	-170.00	0.00251
30.00	-170.00	0.00265	40.00	-170.00	0.00278
50.00	-170.00	0.00274	60.00	-170.00	0.00258
70.00	-170.00	0.00235	80.00	-170.00	0.00210
90.00	-170.00	0.00187	100.00	-170.00	0.00165
-100.00	-160.00	0.00021	-90.00	-160.00	0.00023
-80.00	-160.00	0.00026	-70.00	-160.00	0.00031
-60.00	-160.00	0.00036	-50.00	-160.00	0.00043
-40.00	-160.00	0.00052	-30.00	-160.00	0.00063
-25.00	-160.00	0.00071	-20.00	-160.00	0.00081
-17.00	-160.00	0.00088	-15.00	-160.00	0.00094
-13.00	-160.00	0.00099	-11.00	-160.00	0.00106
-9.00	-160.00	0.00114	9.00	-160.00	0.00241
11.00	-160.00	0.00256	13.00	-160.00	0.00270
15.00	-160.00	0.00284	17.00	-160.00	0.00297
20.00	-160.00	0.00314	25.00	-160.00	0.00337
30.00	-160.00	0.00349	40.00	-160.00	0.00349
50.00	-160.00	0.00325	60.00	-160.00	0.00292
70.00	-160.00	0.00258	80.00	-160.00	0.00225
90.00	-160.00	0.00196	100.00	-160.00	0.00170
-100.00	-150.00	0.00023	-90.00	-150.00	0.00025
-80.00	-150.00	0.00029	-70.00	-150.00	0.00033
-60.00	-150.00	0.00039	-50.00	-150.00	0.00046
-40.00	-150.00	0.00056	-30.00	-150.00	0.00069
-25.00	-150.00	0.00077	-20.00	-150.00	0.00088
-17.00	-150.00	0.00096	-15.00	-150.00	0.00103
-13.00	-150.00	0.00110	-11.00	-150.00	0.00119
-9.00	-150.00	0.00129	9.00	-150.00	0.00334
11.00	-150.00	0.00360	13.00	-150.00	0.00383
15.00	-150.00	0.00404	17.00	-150.00	0.00421

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

10:17:45
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00440	25.00	-150.00	0.00455
30.00	-150.00	0.00452	40.00	-150.00	0.00417

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00369	60.00	-150.00	0.00320
70.00	-150.00	0.00274	80.00	-150.00	0.00234
90.00	-150.00	0.00200	100.00	-150.00	0.00171
-100.00	-140.00	0.00025	-90.00	-140.00	0.00028
-80.00	-140.00	0.00032	-70.00	-140.00	0.00037
-60.00	-140.00	0.00043	-50.00	-140.00	0.00051
-40.00	-140.00	0.00062	-30.00	-140.00	0.00076
-25.00	-140.00	0.00085	-20.00	-140.00	0.00096
-17.00	-140.00	0.00105	-15.00	-140.00	0.00112
-13.00	-140.00	0.00120	-11.00	-140.00	0.00131
-9.00	-140.00	0.00144	9.00	-140.00	0.00534
11.00	-140.00	0.00560	13.00	-140.00	0.00576
15.00	-140.00	0.00585	17.00	-140.00	0.00588
20.00	-140.00	0.00586	25.00	-140.00	0.00567
30.00	-140.00	0.00538	40.00	-140.00	0.00468
50.00	-140.00	0.00398	60.00	-140.00	0.00335
70.00	-140.00	0.00282	80.00	-140.00	0.00236
90.00	-140.00	0.00199	100.00	-140.00	0.00168
-100.00	-130.00	0.00027	-90.00	-130.00	0.00030
-80.00	-130.00	0.00035	-70.00	-130.00	0.00041
-60.00	-130.00	0.00048	-50.00	-130.00	0.00057
-40.00	-130.00	0.00070	-30.00	-130.00	0.00087
-25.00	-130.00	0.00098	-20.00	-130.00	0.00112
-17.00	-130.00	0.00123	-15.00	-130.00	0.00132
-13.00	-130.00	0.00143	-11.00	-130.00	0.00157
-9.00	-130.00	0.00177	9.00	-130.00	0.00679
11.00	-130.00	0.00681	13.00	-130.00	0.00680
15.00	-130.00	0.00677	17.00	-130.00	0.00670
20.00	-130.00	0.00655	25.00	-130.00	0.00619
30.00	-130.00	0.00577	40.00	-130.00	0.00489
50.00	-130.00	0.00407	60.00	-130.00	0.00336
70.00	-130.00	0.00278	80.00	-130.00	0.00230
90.00	-130.00	0.00191	100.00	-130.00	0.00159
-100.00	-120.00	0.00029	-90.00	-120.00	0.00034
-80.00	-120.00	0.00039	-70.00	-120.00	0.00046
-60.00	-120.00	0.00055	-50.00	-120.00	0.00066
-40.00	-120.00	0.00082	-30.00	-120.00	0.00104
-25.00	-120.00	0.00118	-20.00	-120.00	0.00137

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

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

10:17:45
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

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

05NCRA PL97-300_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	0.00152	-15.00	-120.00	0.00164
-13.00	-120.00	0.00179	-11.00	-120.00	0.00196
-9.00	-120.00	0.00218	9.00	-120.00	0.00684
11.00	-120.00	0.00685	13.00	-120.00	0.00684
15.00	-120.00	0.00681	17.00	-120.00	0.00674
20.00	-120.00	0.00658	25.00	-120.00	0.00621
30.00	-120.00	0.00577	40.00	-120.00	0.00484
50.00	-120.00	0.00398	60.00	-120.00	0.00324
70.00	-120.00	0.00264	80.00	-120.00	0.00215
90.00	-120.00	0.00177	100.00	-120.00	0.00146
-100.00	-110.00	0.00032	-90.00	-110.00	0.00037
-80.00	-110.00	0.00044	-70.00	-110.00	0.00052
-60.00	-110.00	0.00062	-50.00	-110.00	0.00076
-40.00	-110.00	0.00094	-30.00	-110.00	0.00120
-25.00	-110.00	0.00138	-20.00	-110.00	0.00160
-17.00	-110.00	0.00176	-15.00	-110.00	0.00188
-13.00	-110.00	0.00202	-11.00	-110.00	0.00217
-9.00	-110.00	0.00236	9.00	-110.00	0.00674
11.00	-110.00	0.00674	13.00	-110.00	0.00673
15.00	-110.00	0.00669	17.00	-110.00	0.00661
20.00	-110.00	0.00644	25.00	-110.00	0.00604
30.00	-110.00	0.00559	40.00	-110.00	0.00462
50.00	-110.00	0.00374	60.00	-110.00	0.00300
70.00	-110.00	0.00241	80.00	-110.00	0.00195
90.00	-110.00	0.00158	100.00	-110.00	0.00130
-100.00	-100.00	0.00035	-90.00	-100.00	0.00041
-80.00	-100.00	0.00048	-70.00	-100.00	0.00057
-60.00	-100.00	0.00069	-50.00	-100.00	0.00084
-40.00	-100.00	0.00104	-30.00	-100.00	0.00133
-25.00	-100.00	0.00152	-20.00	-100.00	0.00173
-17.00	-100.00	0.00188	-15.00	-100.00	0.00198
-13.00	-100.00	0.00210	-11.00	-100.00	0.00223
-9.00	-100.00	0.00239	9.00	-100.00	0.00655
11.00	-100.00	0.00654	13.00	-100.00	0.00652
15.00	-100.00	0.00646	17.00	-100.00	0.00637
20.00	-100.00	0.00618	25.00	-100.00	0.00577
30.00	-100.00	0.00528	40.00	-100.00	0.00428
50.00	-100.00	0.00339	60.00	-100.00	0.00267
70.00	-100.00	0.00211	80.00	-100.00	0.00169
90.00	-100.00	0.00137	100.00	-100.00	0.00113

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**MODELOPTs:

PAGE 89

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00037	-90.00	-90.00	0.00044
-80.00	-90.00	0.00051	-70.00	-90.00	0.00061
-60.00	-90.00	0.00074	-50.00	-90.00	0.00091
-40.00	-90.00	0.00113	-30.00	-90.00	0.00141
-25.00	-90.00	0.00158	-20.00	-90.00	0.00177
-17.00	-90.00	0.00190	-15.00	-90.00	0.00199
-13.00	-90.00	0.00209	-11.00	-90.00	0.00220
-9.00	-90.00	0.00234	9.00	-90.00	0.00627
11.00	-90.00	0.00624	13.00	-90.00	0.00619
15.00	-90.00	0.00611	17.00	-90.00	0.00601
20.00	-90.00	0.00580	25.00	-90.00	0.00535
30.00	-90.00	0.00482	40.00	-90.00	0.00379
50.00	-90.00	0.00293	60.00	-90.00	0.00226
70.00	-90.00	0.00177	80.00	-90.00	0.00141
90.00	-90.00	0.00115	100.00	-90.00	0.00095
-100.00	-80.00	0.00039	-90.00	-80.00	0.00046
-80.00	-80.00	0.00054	-70.00	-80.00	0.00065
-60.00	-80.00	0.00079	-50.00	-80.00	0.00097
-40.00	-80.00	0.00118	-30.00	-80.00	0.00144
-25.00	-80.00	0.00159	-20.00	-80.00	0.00175
-17.00	-80.00	0.00186	-15.00	-80.00	0.00194
-13.00	-80.00	0.00202	-11.00	-80.00	0.00212
-9.00	-80.00	0.00223	9.00	-80.00	0.00586
11.00	-80.00	0.00580	13.00	-80.00	0.00572
15.00	-80.00	0.00562	17.00	-80.00	0.00548
20.00	-80.00	0.00523	25.00	-80.00	0.00472
30.00	-80.00	0.00417	40.00	-80.00	0.00315
50.00	-80.00	0.00236	60.00	-80.00	0.00180
70.00	-80.00	0.00141	80.00	-80.00	0.00113
90.00	-80.00	0.00093	100.00	-80.00	0.00077
-100.00	-70.00	0.00040	-90.00	-70.00	0.00047
-80.00	-70.00	0.00056	-70.00	-70.00	0.00068
-60.00	-70.00	0.00082	-50.00	-70.00	0.00099
-40.00	-70.00	0.00120	-30.00	-70.00	0.00144

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-25.00	-70.00	0.00157	-20.00	-70.00	0.00170
-17.00	-70.00	0.00179	-15.00	-70.00	0.00185
-13.00	-70.00	0.00191	-11.00	-70.00	0.00199
-9.00	-70.00	0.00208	9.00	-70.00	0.00526
11.00	-70.00	0.00514	13.00	-70.00	0.00501
15.00	-70.00	0.00486	17.00	-70.00	0.00467

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

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

10:17:45

**MODELOPTs:

PAGE 90

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00436	25.00	-70.00	0.00379
30.00	-70.00	0.00324	40.00	-70.00	0.00235
50.00	-70.00	0.00175	60.00	-70.00	0.00135
70.00	-70.00	0.00107	80.00	-70.00	0.00087
90.00	-70.00	0.00072	100.00	-70.00	0.00061
-100.00	-60.00	0.00041	-90.00	-60.00	0.00048
-80.00	-60.00	0.00057	-70.00	-60.00	0.00069
-60.00	-60.00	0.00082	-50.00	-60.00	0.00099
-40.00	-60.00	0.00118	-30.00	-60.00	0.00140
-25.00	-60.00	0.00152	-20.00	-60.00	0.00163
-17.00	-60.00	0.00170	-15.00	-60.00	0.00175
-13.00	-60.00	0.00179	-11.00	-60.00	0.00184
-9.00	-60.00	0.00191	9.00	-60.00	0.00426
11.00	-60.00	0.00403	13.00	-60.00	0.00380
15.00	-60.00	0.00357	17.00	-60.00	0.00334
20.00	-60.00	0.00300	25.00	-60.00	0.00251
30.00	-60.00	0.00211	40.00	-60.00	0.00156
50.00	-60.00	0.00120	60.00	-60.00	0.00095
70.00	-60.00	0.00077	80.00	-60.00	0.00064
90.00	-60.00	0.00054	100.00	-60.00	0.00047
-100.00	-50.00	0.00042	-90.00	-50.00	0.00049
-80.00	-50.00	0.00057	-70.00	-50.00	0.00068
-60.00	-50.00	0.00081	-50.00	-50.00	0.00096
-40.00	-50.00	0.00113	-30.00	-50.00	0.00133
-25.00	-50.00	0.00143	-20.00	-50.00	0.00153
-17.00	-50.00	0.00159	-15.00	-50.00	0.00162
-13.00	-50.00	0.00165	-11.00	-50.00	0.00169
-9.00	-50.00	0.00172	9.00	-50.00	0.00217

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

11.00	-50.00	0.00193	13.00	-50.00	0.00177
15.00	-50.00	0.00165	17.00	-50.00	0.00156
20.00	-50.00	0.00143	25.00	-50.00	0.00126
30.00	-50.00	0.00112	40.00	-50.00	0.00090
50.00	-50.00	0.00074	60.00	-50.00	0.00062
70.00	-50.00	0.00053	80.00	-50.00	0.00046
90.00	-50.00	0.00040	100.00	-50.00	0.00035
-100.00	-40.00	0.00042	-90.00	-40.00	0.00048
-80.00	-40.00	0.00056	-70.00	-40.00	0.00066
-60.00	-40.00	0.00077	-50.00	-40.00	0.00090
-40.00	-40.00	0.00105	-30.00	-40.00	0.00120
-25.00	-40.00	0.00127	-20.00	-40.00	0.00134

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

10:17:45
 **MODELOPTs:
 PAGE 91
 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00136	-15.00	-40.00	0.00137
-13.00	-40.00	0.00137	-11.00	-40.00	0.00136
-9.00	-40.00	0.00133	9.00	-40.00	0.00060
11.00	-40.00	0.00060	13.00	-40.00	0.00060
15.00	-40.00	0.00060	17.00	-40.00	0.00060
20.00	-40.00	0.00059	25.00	-40.00	0.00058
30.00	-40.00	0.00056	40.00	-40.00	0.00051
50.00	-40.00	0.00046	60.00	-40.00	0.00041
70.00	-40.00	0.00037	80.00	-40.00	0.00033
90.00	-40.00	0.00029	100.00	-40.00	0.00027
-100.00	-30.00	0.00041	-90.00	-30.00	0.00047
-80.00	-30.00	0.00054	-70.00	-30.00	0.00062
-60.00	-30.00	0.00070	-50.00	-30.00	0.00080
-40.00	-30.00	0.00091	-30.00	-30.00	0.00100
-25.00	-30.00	0.00103	-20.00	-30.00	0.00103
-17.00	-30.00	0.00101	-15.00	-30.00	0.00099
-13.00	-30.00	0.00095	-11.00	-30.00	0.00090
-9.00	-30.00	0.00083	9.00	-30.00	0.00040
11.00	-30.00	0.00039	13.00	-30.00	0.00039
15.00	-30.00	0.00038	17.00	-30.00	0.00038
20.00	-30.00	0.00037	25.00	-30.00	0.00036
30.00	-30.00	0.00035	40.00	-30.00	0.00033

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

50.00	-30.00	0.00030	60.00	-30.00	0.00028
70.00	-30.00	0.00026	80.00	-30.00	0.00024
90.00	-30.00	0.00022	100.00	-30.00	0.00020
-100.00	-20.00	0.00039	-90.00	-20.00	0.00044
-80.00	-20.00	0.00049	-70.00	-20.00	0.00056
-60.00	-20.00	0.00062	-50.00	-20.00	0.00069
-40.00	-20.00	0.00076	-30.00	-20.00	0.00079
-25.00	-20.00	0.00077	-20.00	-20.00	0.00073
-17.00	-20.00	0.00070	-15.00	-20.00	0.00067
-13.00	-20.00	0.00063	-11.00	-20.00	0.00059
-9.00	-20.00	0.00055	9.00	-20.00	0.00030
11.00	-20.00	0.00029	13.00	-20.00	0.00029
15.00	-20.00	0.00028	17.00	-20.00	0.00028
20.00	-20.00	0.00027	25.00	-20.00	0.00027
30.00	-20.00	0.00026	40.00	-20.00	0.00024
50.00	-20.00	0.00022	60.00	-20.00	0.00021
70.00	-20.00	0.00020	80.00	-20.00	0.00018
90.00	-20.00	0.00017	100.00	-20.00	0.00016

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

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

10:17:45
 **MODELOPTs:
 PAGE 92

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00036	-90.00	-10.00	0.00040
-80.00	-10.00	0.00045	-70.00	-10.00	0.00050
-60.00	-10.00	0.00054	-50.00	-10.00	0.00059
-40.00	-10.00	0.00061	-30.00	-10.00	0.00059
-25.00	-10.00	0.00056	-20.00	-10.00	0.00052
-17.00	-10.00	0.00049	-15.00	-10.00	0.00047
-13.00	-10.00	0.00044	-11.00	-10.00	0.00042
-9.00	-10.00	0.00039	9.00	-10.00	0.00024
11.00	-10.00	0.00023	13.00	-10.00	0.00022
15.00	-10.00	0.00022	17.00	-10.00	0.00022
20.00	-10.00	0.00021	25.00	-10.00	0.00021
30.00	-10.00	0.00020	40.00	-10.00	0.00019
50.00	-10.00	0.00018	60.00	-10.00	0.00017
70.00	-10.00	0.00016	80.00	-10.00	0.00015
90.00	-10.00	0.00014	100.00	-10.00	0.00013
-100.00	0.00	0.00033	-90.00	0.00	0.00037

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-80.00	0.00	0.00040	-70.00	0.00	0.00044
-60.00	0.00	0.00047	-50.00	0.00	0.00049
-40.00	0.00	0.00048	-30.00	0.00	0.00045
-25.00	0.00	0.00042	-20.00	0.00	0.00038
-17.00	0.00	0.00036	-15.00	0.00	0.00034
-13.00	0.00	0.00033	-11.00	0.00	0.00031
-9.00	0.00	0.00030	9.00	0.00	0.00019
11.00	0.00	0.00018	13.00	0.00	0.00018
15.00	0.00	0.00018	17.00	0.00	0.00018
20.00	0.00	0.00017	25.00	0.00	0.00017
30.00	0.00	0.00016	40.00	0.00	0.00015
50.00	0.00	0.00015	60.00	0.00	0.00014
70.00	0.00	0.00013	80.00	0.00	0.00012
90.00	0.00	0.00012	100.00	0.00	0.00011
-100.00	10.00	0.00031	-90.00	10.00	0.00033
-80.00	10.00	0.00036	-70.00	10.00	0.00038
-60.00	10.00	0.00039	-50.00	10.00	0.00039
-40.00	10.00	0.00038	-30.00	10.00	0.00034
-25.00	10.00	0.00032	-20.00	10.00	0.00029
-17.00	10.00	0.00027	-15.00	10.00	0.00026
-13.00	10.00	0.00025	-11.00	10.00	0.00024
-9.00	10.00	0.00023	9.00	10.00	0.00016
11.00	10.00	0.00015	13.00	10.00	0.00015
15.00	10.00	0.00015	17.00	10.00	0.00014

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

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

10:17:45
 **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	0.00014	25.00	10.00	0.00014
30.00	10.00	0.00013	40.00	10.00	0.00013
50.00	10.00	0.00012	60.00	10.00	0.00011
70.00	10.00	0.00011	80.00	10.00	0.00010
90.00	10.00	0.00010	100.00	10.00	0.00009
-100.00	20.00	0.00028	-90.00	20.00	0.00030
-80.00	20.00	0.00031	-70.00	20.00	0.00032
-60.00	20.00	0.00033	-50.00	20.00	0.00032
-40.00	20.00	0.00030	-30.00	20.00	0.00027
-25.00	20.00	0.00025	-20.00	20.00	0.00023

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-17.00	20.00	0.00022	-15.00	20.00	0.00021
-13.00	20.00	0.00020	-11.00	20.00	0.00019
-9.00	20.00	0.00019	9.00	20.00	0.00013
11.00	20.00	0.00013	13.00	20.00	0.00013
15.00	20.00	0.00012	17.00	20.00	0.00012
20.00	20.00	0.00012	25.00	20.00	0.00012
30.00	20.00	0.00011	40.00	20.00	0.00011
50.00	20.00	0.00010	60.00	20.00	0.00010
70.00	20.00	0.00009	80.00	20.00	0.00009
90.00	20.00	0.00009	100.00	20.00	0.00008
-100.00	30.00	0.00025	-90.00	30.00	0.00026
-80.00	30.00	0.00027	-70.00	30.00	0.00027
-60.00	30.00	0.00027	-50.00	30.00	0.00026
-40.00	30.00	0.00024	-30.00	30.00	0.00022
-25.00	30.00	0.00020	-20.00	30.00	0.00018
-17.00	30.00	0.00018	-15.00	30.00	0.00017
-13.00	30.00	0.00016	-11.00	30.00	0.00016
-9.00	30.00	0.00016	9.00	30.00	0.00011
11.00	30.00	0.00011	13.00	30.00	0.00011
15.00	30.00	0.00010	17.00	30.00	0.00010
20.00	30.00	0.00010	25.00	30.00	0.00010
30.00	30.00	0.00010	40.00	30.00	0.00009
50.00	30.00	0.00009	60.00	30.00	0.00008
70.00	30.00	0.00008	80.00	30.00	0.00008
90.00	30.00	0.00007	100.00	30.00	0.00007
-100.00	40.00	0.00023	-90.00	40.00	0.00023
-80.00	40.00	0.00023	-70.00	40.00	0.00023
-60.00	40.00	0.00023	-50.00	40.00	0.00022
-40.00	40.00	0.00020	-30.00	40.00	0.00018
-25.00	40.00	0.00016	-20.00	40.00	0.00015

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

10:17:45
 **MODELOPTs:
 PAGE 94

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00015	-15.00	40.00	0.00014
-13.00	40.00	0.00014	-11.00	40.00	0.00013
-9.00	40.00	0.00013	9.00	40.00	0.00010
11.00	40.00	0.00009	13.00	40.00	0.00009

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

15.00	40.00	0.00009	17.00	40.00	0.00009
20.00	40.00	0.00009	25.00	40.00	0.00009
30.00	40.00	0.00008	40.00	40.00	0.00008
50.00	40.00	0.00008	60.00	40.00	0.00007
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	50.00	0.00020	-90.00	50.00	0.00020
-80.00	50.00	0.00020	-70.00	50.00	0.00020
-60.00	50.00	0.00019	-50.00	50.00	0.00018
-40.00	50.00	0.00017	-30.00	50.00	0.00015
-25.00	50.00	0.00014	-20.00	50.00	0.00013
-17.00	50.00	0.00012	-15.00	50.00	0.00012
-13.00	50.00	0.00012	-11.00	50.00	0.00011
-9.00	50.00	0.00011	9.00	50.00	0.00008
11.00	50.00	0.00008	13.00	50.00	0.00008
15.00	50.00	0.00008	17.00	50.00	0.00008
20.00	50.00	0.00008	25.00	50.00	0.00007
30.00	50.00	0.00007	40.00	50.00	0.00007
50.00	50.00	0.00007	60.00	50.00	0.00006
70.00	50.00	0.00006	80.00	50.00	0.00006
90.00	50.00	0.00006	100.00	50.00	0.00006
-100.00	60.00	0.00018	-90.00	60.00	0.00018
-80.00	60.00	0.00017	-70.00	60.00	0.00017
-60.00	60.00	0.00016	-50.00	60.00	0.00015
-40.00	60.00	0.00014	-30.00	60.00	0.00012
-25.00	60.00	0.00012	-20.00	60.00	0.00011
-17.00	60.00	0.00011	-15.00	60.00	0.00010
-13.00	60.00	0.00010	-11.00	60.00	0.00010
-9.00	60.00	0.00010	9.00	60.00	0.00007
11.00	60.00	0.00007	13.00	60.00	0.00007
15.00	60.00	0.00007	17.00	60.00	0.00007
20.00	60.00	0.00007	25.00	60.00	0.00006
30.00	60.00	0.00006	40.00	60.00	0.00006
50.00	60.00	0.00006	60.00	60.00	0.00006
70.00	60.00	0.00005	80.00	60.00	0.00005
90.00	60.00	0.00005	100.00	60.00	0.00005

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

10:17:45
 **MODELOPTs:
 PAGE 95

CONC URBAN FLAT FLGPOL DFAULT

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

05NCRA PL97-300 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	0.00015	-90.00	70.00	0.00015
-80.00	70.00	0.00015	-70.00	70.00	0.00015
-60.00	70.00	0.00014	-50.00	70.00	0.00013
-40.00	70.00	0.00012	-30.00	70.00	0.00011
-25.00	70.00	0.00010	-20.00	70.00	0.00009
-17.00	70.00	0.00009	-15.00	70.00	0.00009
-13.00	70.00	0.00009	-11.00	70.00	0.00009
-9.00	70.00	0.00008	9.00	70.00	0.00007
11.00	70.00	0.00006	13.00	70.00	0.00006
15.00	70.00	0.00006	17.00	70.00	0.00006
20.00	70.00	0.00006	25.00	70.00	0.00006
30.00	70.00	0.00006	40.00	70.00	0.00006
50.00	70.00	0.00005	60.00	70.00	0.00005
70.00	70.00	0.00005	80.00	70.00	0.00005
90.00	70.00	0.00005	100.00	70.00	0.00004
-100.00	80.00	0.00014	-90.00	80.00	0.00014
-80.00	80.00	0.00013	-70.00	80.00	0.00013
-60.00	80.00	0.00012	-50.00	80.00	0.00011
-40.00	80.00	0.00010	-30.00	80.00	0.00009
-25.00	80.00	0.00009	-20.00	80.00	0.00008
-17.00	80.00	0.00008	-15.00	80.00	0.00008
-13.00	80.00	0.00008	-11.00	80.00	0.00008
-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	0.00005
20.00	80.00	0.00005	25.00	80.00	0.00005
30.00	80.00	0.00005	40.00	80.00	0.00005
50.00	80.00	0.00005	60.00	80.00	0.00005
70.00	80.00	0.00004	80.00	80.00	0.00004
90.00	80.00	0.00004	100.00	80.00	0.00004
-100.00	90.00	0.00012	-90.00	90.00	0.00012
-80.00	90.00	0.00012	-70.00	90.00	0.00011
-60.00	90.00	0.00011	-50.00	90.00	0.00010
-40.00	90.00	0.00009	-30.00	90.00	0.00008
-25.00	90.00	0.00008	-20.00	90.00	0.00007
-17.00	90.00	0.00007	-15.00	90.00	0.00007
-13.00	90.00	0.00007	-11.00	90.00	0.00007
-9.00	90.00	0.00007	9.00	90.00	0.00005
11.00	90.00	0.00005	13.00	90.00	0.00005
15.00	90.00	0.00005	17.00	90.00	0.00005

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**MODELOPTS:
PAGE 96

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00005	25.00	90.00	0.00005
30.00	90.00	0.00005	40.00	90.00	0.00004
50.00	90.00	0.00004	60.00	90.00	0.00004
70.00	90.00	0.00004	80.00	90.00	0.00004
90.00	90.00	0.00004	100.00	90.00	0.00004
-100.00	100.00	0.00011	-90.00	100.00	0.00011
-80.00	100.00	0.00010	-70.00	100.00	0.00010
-60.00	100.00	0.00009	-50.00	100.00	0.00009
-40.00	100.00	0.00008	-30.00	100.00	0.00007
-25.00	100.00	0.00007	-20.00	100.00	0.00007
-17.00	100.00	0.00006	-15.00	100.00	0.00006
-13.00	100.00	0.00006	-11.00	100.00	0.00006
-9.00	100.00	0.00006	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	0.00004
20.00	100.00	0.00004	25.00	100.00	0.00004
30.00	100.00	0.00004	40.00	100.00	0.00004
50.00	100.00	0.00004	60.00	100.00	0.00004
70.00	100.00	0.00004	80.00	100.00	0.00004
90.00	100.00	0.00003	100.00	100.00	0.00003
-100.00	110.00	0.00010	-90.00	110.00	0.00010
-80.00	110.00	0.00009	-70.00	110.00	0.00009
-60.00	110.00	0.00008	-50.00	110.00	0.00008
-40.00	110.00	0.00007	-30.00	110.00	0.00006
-25.00	110.00	0.00006	-20.00	110.00	0.00006
-17.00	110.00	0.00006	-15.00	110.00	0.00006
-13.00	110.00	0.00006	-11.00	110.00	0.00005
-9.00	110.00	0.00005	9.00	110.00	0.00004
11.00	110.00	0.00004	13.00	110.00	0.00004
15.00	110.00	0.00004	17.00	110.00	0.00004
20.00	110.00	0.00004	25.00	110.00	0.00004
30.00	110.00	0.00004	40.00	110.00	0.00004
50.00	110.00	0.00004	60.00	110.00	0.00004
70.00	110.00	0.00003	80.00	110.00	0.00003
90.00	110.00	0.00003	100.00	110.00	0.00003
-100.00	120.00	0.00009	-90.00	120.00	0.00009

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

10:17:45
 **MODELOPTs:
 PAGE 97
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00005	-15.00	120.00	0.00005
-13.00	120.00	0.00005	-11.00	120.00	0.00005
-9.00	120.00	0.00005	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	0.00003
30.00	120.00	0.00003	40.00	120.00	0.00003
50.00	120.00	0.00003	60.00	120.00	0.00003
70.00	120.00	0.00003	80.00	120.00	0.00003
90.00	120.00	0.00003	100.00	120.00	0.00003
-100.00	130.00	0.00008	-90.00	130.00	0.00008
-80.00	130.00	0.00007	-70.00	130.00	0.00007
-60.00	130.00	0.00006	-50.00	130.00	0.00006
-40.00	130.00	0.00005	-30.00	130.00	0.00005
-25.00	130.00	0.00005	-20.00	130.00	0.00005
-17.00	130.00	0.00005	-15.00	130.00	0.00005
-13.00	130.00	0.00005	-11.00	130.00	0.00004
-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	0.00003	17.00	130.00	0.00003
20.00	130.00	0.00003	25.00	130.00	0.00003
30.00	130.00	0.00003	40.00	130.00	0.00003
50.00	130.00	0.00003	60.00	130.00	0.00003
70.00	130.00	0.00003	80.00	130.00	0.00003
90.00	130.00	0.00003	100.00	130.00	0.00003
-100.00	140.00	0.00007	-90.00	140.00	0.00007
-80.00	140.00	0.00007	-70.00	140.00	0.00006
-60.00	140.00	0.00006	-50.00	140.00	0.00005
-40.00	140.00	0.00005	-30.00	140.00	0.00005
-25.00	140.00	0.00004	-20.00	140.00	0.00004

05NCRA_PL97-300_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	0.00003
50.00	140.00	0.00003	60.00	140.00	0.00003
70.00	140.00	0.00003	80.00	140.00	0.00003
90.00	140.00	0.00003	100.00	140.00	0.00002

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

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

10:17:45

**MODELOPTs:

PAGE 98

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00007	-90.00	150.00	0.00006
-80.00	150.00	0.00006	-70.00	150.00	0.00006
-60.00	150.00	0.00005	-50.00	150.00	0.00005
-40.00	150.00	0.00005	-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	0.00004
-13.00	150.00	0.00004	-11.00	150.00	0.00004
-9.00	150.00	0.00004	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	0.00002
90.00	150.00	0.00002	100.00	150.00	0.00002
-100.00	160.00	0.00006	-90.00	160.00	0.00006
-80.00	160.00	0.00005	-70.00	160.00	0.00005
-60.00	160.00	0.00005	-50.00	160.00	0.00004
-40.00	160.00	0.00004	-30.00	160.00	0.00004
-25.00	160.00	0.00004	-20.00	160.00	0.00004
-17.00	160.00	0.00004	-15.00	160.00	0.00004
-13.00	160.00	0.00003	-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

05NCRA_PL97-300_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	0.00002	40.00	160.00	0.00002
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	0.00005	-90.00	170.00	0.00005
-80.00	170.00	0.00005	-70.00	170.00	0.00005
-60.00	170.00	0.00004	-50.00	170.00	0.00004
-40.00	170.00	0.00004	-30.00	170.00	0.00004
-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 ***

10:17:45
 **MODELOPTs:
 PAGE 99

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00002	25.00	170.00	0.00002
30.00	170.00	0.00002	40.00	170.00	0.00002
50.00	170.00	0.00002	60.00	170.00	0.00002
70.00	170.00	0.00002	80.00	170.00	0.00002
90.00	170.00	0.00002	100.00	170.00	0.00002
-100.00	180.00	0.00005	-90.00	180.00	0.00005
-80.00	180.00	0.00005	-70.00	180.00	0.00004
-60.00	180.00	0.00004	-50.00	180.00	0.00004
-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	0.00003
11.00	180.00	0.00002	13.00	180.00	0.00002
15.00	180.00	0.00002	17.00	180.00	0.00002
20.00	180.00	0.00002	25.00	180.00	0.00002
30.00	180.00	0.00002	40.00	180.00	0.00002
50.00	180.00	0.00002	60.00	180.00	0.00002

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

10:17:45

**MODELOPTs:
 PAGE 100

CONC URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00003	-15.00	200.00	0.00003
-13.00	200.00	0.00003	-11.00	200.00	0.00003
-9.00	200.00	0.00003	9.00	200.00	0.00002
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	0.00004	-90.00	210.00	0.00004
-80.00	210.00	0.00003	-70.00	210.00	0.00003

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-60.00	210.00	0.00003	-50.00	210.00	0.00003
-40.00	210.00	0.00003	-30.00	210.00	0.00003
-25.00	210.00	0.00003	-20.00	210.00	0.00003
-17.00	210.00	0.00002	-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	0.00004	-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	0.00003	-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 ***

10:17:45
 **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	0.00003	-50.00	230.00	0.00003
-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

05NCRA_PL97-300_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	0.00001	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	0.00003	-90.00	240.00	0.00003
-80.00	240.00	0.00003	-70.00	240.00	0.00003
-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	0.00001
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	0.00003	-90.00	250.00	0.00003
-80.00	250.00	0.00003	-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 ***

10:17:45

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

20.00	250.00	0.00002	25.00	250.00	0.00001
30.00	250.00	0.00001	40.00	250.00	0.00001
50.00	250.00	0.00001	60.00	250.00	0.00001
70.00	250.00	0.00001	80.00	250.00	0.00001
90.00	250.00	0.00001	100.00	250.00	0.00001

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

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

10:17:45

**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	0.00021	-90.00	-250.00	0.00023
-80.00	-250.00	0.00026	-70.00	-250.00	0.00031
-60.00	-250.00	0.00036	-50.00	-250.00	0.00043
-40.00	-250.00	0.00052	-30.00	-250.00	0.00063
-25.00	-250.00	0.00071	-20.00	-250.00	0.00081
-17.00	-250.00	0.00088	-15.00	-250.00	0.00094
-13.00	-250.00	0.00099	-11.00	-250.00	0.00106
-9.00	-250.00	0.00114	9.00	-250.00	0.00241
11.00	-250.00	0.00256	13.00	-250.00	0.00270
15.00	-250.00	0.00284	17.00	-250.00	0.00297
20.00	-250.00	0.00314	25.00	-250.00	0.00337
30.00	-250.00	0.00349	40.00	-250.00	0.00349
50.00	-250.00	0.00325	60.00	-250.00	0.00292
70.00	-250.00	0.00258	80.00	-250.00	0.00225
90.00	-250.00	0.00196	100.00	-250.00	0.00170
-100.00	-240.00	0.00023	-90.00	-240.00	0.00025
-80.00	-240.00	0.00029	-70.00	-240.00	0.00033
-60.00	-240.00	0.00039	-50.00	-240.00	0.00046
-40.00	-240.00	0.00056	-30.00	-240.00	0.00069
-25.00	-240.00	0.00077	-20.00	-240.00	0.00088
-17.00	-240.00	0.00096	-15.00	-240.00	0.00103
-13.00	-240.00	0.00110	-11.00	-240.00	0.00119
-9.00	-240.00	0.00129	9.00	-240.00	0.00334
11.00	-240.00	0.00360	13.00	-240.00	0.00383
15.00	-240.00	0.00404	17.00	-240.00	0.00421
20.00	-240.00	0.00440	25.00	-240.00	0.00455
30.00	-240.00	0.00452	40.00	-240.00	0.00417
50.00	-240.00	0.00369	60.00	-240.00	0.00320
70.00	-240.00	0.00274	80.00	-240.00	0.00234

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

90.00	-240.00	0.00200	100.00	-240.00	0.00171
-100.00	-230.00	0.00025	-90.00	-230.00	0.00028
-80.00	-230.00	0.00032	-70.00	-230.00	0.00037
-60.00	-230.00	0.00043	-50.00	-230.00	0.00051
-40.00	-230.00	0.00062	-30.00	-230.00	0.00076
-25.00	-230.00	0.00085	-20.00	-230.00	0.00096
-17.00	-230.00	0.00105	-15.00	-230.00	0.00112
-13.00	-230.00	0.00120	-11.00	-230.00	0.00131
-9.00	-230.00	0.00144	9.00	-230.00	0.00534
11.00	-230.00	0.00560	13.00	-230.00	0.00576
15.00	-230.00	0.00585	17.00	-230.00	0.00588

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

10:17:45
 **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	0.00586	25.00	-230.00	0.00567
30.00	-230.00	0.00538	40.00	-230.00	0.00468
50.00	-230.00	0.00398	60.00	-230.00	0.00335
70.00	-230.00	0.00282	80.00	-230.00	0.00236
90.00	-230.00	0.00199	100.00	-230.00	0.00168
-100.00	-220.00	0.00027	-90.00	-220.00	0.00030
-80.00	-220.00	0.00035	-70.00	-220.00	0.00041
-60.00	-220.00	0.00048	-50.00	-220.00	0.00057
-40.00	-220.00	0.00070	-30.00	-220.00	0.00087
-25.00	-220.00	0.00098	-20.00	-220.00	0.00112
-17.00	-220.00	0.00123	-15.00	-220.00	0.00132
-13.00	-220.00	0.00143	-11.00	-220.00	0.00157
-9.00	-220.00	0.00177	9.00	-220.00	0.00679
11.00	-220.00	0.00681	13.00	-220.00	0.00680
15.00	-220.00	0.00677	17.00	-220.00	0.00670
20.00	-220.00	0.00655	25.00	-220.00	0.00619
30.00	-220.00	0.00577	40.00	-220.00	0.00489
50.00	-220.00	0.00407	60.00	-220.00	0.00336
70.00	-220.00	0.00278	80.00	-220.00	0.00230
90.00	-220.00	0.00191	100.00	-220.00	0.00159
-100.00	-210.00	0.00029	-90.00	-210.00	0.00034
-80.00	-210.00	0.00039	-70.00	-210.00	0.00046
-60.00	-210.00	0.00055	-50.00	-210.00	0.00066

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-40.00	-210.00	0.00082	-30.00	-210.00	0.00104
-25.00	-210.00	0.00118	-20.00	-210.00	0.00137
-17.00	-210.00	0.00152	-15.00	-210.00	0.00164
-13.00	-210.00	0.00179	-11.00	-210.00	0.00196
-9.00	-210.00	0.00218	9.00	-210.00	0.00684
11.00	-210.00	0.00685	13.00	-210.00	0.00684
15.00	-210.00	0.00681	17.00	-210.00	0.00674
20.00	-210.00	0.00658	25.00	-210.00	0.00621
30.00	-210.00	0.00577	40.00	-210.00	0.00484
50.00	-210.00	0.00398	60.00	-210.00	0.00324
70.00	-210.00	0.00264	80.00	-210.00	0.00215
90.00	-210.00	0.00177	100.00	-210.00	0.00146
-100.00	-200.00	0.00032	-90.00	-200.00	0.00037
-80.00	-200.00	0.00044	-70.00	-200.00	0.00052
-60.00	-200.00	0.00062	-50.00	-200.00	0.00076
-40.00	-200.00	0.00094	-30.00	-200.00	0.00120
-25.00	-200.00	0.00138	-20.00	-200.00	0.00160

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

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

10:17:45
 **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	0.00176	-15.00	-200.00	0.00188
-13.00	-200.00	0.00202	-11.00	-200.00	0.00217
-9.00	-200.00	0.00236	9.00	-200.00	0.00674
11.00	-200.00	0.00674	13.00	-200.00	0.00673
15.00	-200.00	0.00669	17.00	-200.00	0.00661
20.00	-200.00	0.00644	25.00	-200.00	0.00604
30.00	-200.00	0.00559	40.00	-200.00	0.00462
50.00	-200.00	0.00374	60.00	-200.00	0.00300
70.00	-200.00	0.00241	80.00	-200.00	0.00195
90.00	-200.00	0.00158	100.00	-200.00	0.00130
-100.00	-190.00	0.00035	-90.00	-190.00	0.00041
-80.00	-190.00	0.00048	-70.00	-190.00	0.00057
-60.00	-190.00	0.00069	-50.00	-190.00	0.00084
-40.00	-190.00	0.00104	-30.00	-190.00	0.00133
-25.00	-190.00	0.00152	-20.00	-190.00	0.00173
-17.00	-190.00	0.00188	-15.00	-190.00	0.00198
-13.00	-190.00	0.00210	-11.00	-190.00	0.00223

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-9.00	-190.00	0.00239	9.00	-190.00	0.00655
11.00	-190.00	0.00654	13.00	-190.00	0.00652
15.00	-190.00	0.00646	17.00	-190.00	0.00637
20.00	-190.00	0.00618	25.00	-190.00	0.00577
30.00	-190.00	0.00528	40.00	-190.00	0.00428
50.00	-190.00	0.00339	60.00	-190.00	0.00267
70.00	-190.00	0.00211	80.00	-190.00	0.00169
90.00	-190.00	0.00137	100.00	-190.00	0.00113
-100.00	-180.00	0.00037	-90.00	-180.00	0.00044
-80.00	-180.00	0.00051	-70.00	-180.00	0.00061
-60.00	-180.00	0.00074	-50.00	-180.00	0.00091
-40.00	-180.00	0.00113	-30.00	-180.00	0.00141
-25.00	-180.00	0.00158	-20.00	-180.00	0.00177
-17.00	-180.00	0.00190	-15.00	-180.00	0.00199
-13.00	-180.00	0.00209	-11.00	-180.00	0.00220
-9.00	-180.00	0.00234	9.00	-180.00	0.00627
11.00	-180.00	0.00624	13.00	-180.00	0.00619
15.00	-180.00	0.00611	17.00	-180.00	0.00601
20.00	-180.00	0.00580	25.00	-180.00	0.00535
30.00	-180.00	0.00482	40.00	-180.00	0.00379
50.00	-180.00	0.00293	60.00	-180.00	0.00226
70.00	-180.00	0.00177	80.00	-180.00	0.00141
90.00	-180.00	0.00115	100.00	-180.00	0.00095

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

10:17:45
 **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	0.00039	-90.00	-170.00	0.00046
-80.00	-170.00	0.00054	-70.00	-170.00	0.00065
-60.00	-170.00	0.00079	-50.00	-170.00	0.00097
-40.00	-170.00	0.00118	-30.00	-170.00	0.00144
-25.00	-170.00	0.00159	-20.00	-170.00	0.00175
-17.00	-170.00	0.00186	-15.00	-170.00	0.00194
-13.00	-170.00	0.00202	-11.00	-170.00	0.00212
-9.00	-170.00	0.00223	9.00	-170.00	0.00586
11.00	-170.00	0.00580	13.00	-170.00	0.00572
15.00	-170.00	0.00562	17.00	-170.00	0.00548
20.00	-170.00	0.00523	25.00	-170.00	0.00472

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

30.00	-170.00	0.00417	40.00	-170.00	0.00315
50.00	-170.00	0.00236	60.00	-170.00	0.00180
70.00	-170.00	0.00141	80.00	-170.00	0.00113
90.00	-170.00	0.00093	100.00	-170.00	0.00077
-100.00	-160.00	0.00040	-90.00	-160.00	0.00047
-80.00	-160.00	0.00056	-70.00	-160.00	0.00068
-60.00	-160.00	0.00082	-50.00	-160.00	0.00099
-40.00	-160.00	0.00120	-30.00	-160.00	0.00144
-25.00	-160.00	0.00157	-20.00	-160.00	0.00170
-17.00	-160.00	0.00179	-15.00	-160.00	0.00185
-13.00	-160.00	0.00191	-11.00	-160.00	0.00199
-9.00	-160.00	0.00208	9.00	-160.00	0.00526
11.00	-160.00	0.00514	13.00	-160.00	0.00501
15.00	-160.00	0.00486	17.00	-160.00	0.00467
20.00	-160.00	0.00436	25.00	-160.00	0.00379
30.00	-160.00	0.00324	40.00	-160.00	0.00235
50.00	-160.00	0.00175	60.00	-160.00	0.00135
70.00	-160.00	0.00107	80.00	-160.00	0.00087
90.00	-160.00	0.00072	100.00	-160.00	0.00061
-100.00	-150.00	0.00041	-90.00	-150.00	0.00048
-80.00	-150.00	0.00057	-70.00	-150.00	0.00069
-60.00	-150.00	0.00082	-50.00	-150.00	0.00099
-40.00	-150.00	0.00118	-30.00	-150.00	0.00140
-25.00	-150.00	0.00152	-20.00	-150.00	0.00163
-17.00	-150.00	0.00170	-15.00	-150.00	0.00175
-13.00	-150.00	0.00179	-11.00	-150.00	0.00184
-9.00	-150.00	0.00191	9.00	-150.00	0.00426
11.00	-150.00	0.00403	13.00	-150.00	0.00380
15.00	-150.00	0.00357	17.00	-150.00	0.00334

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

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

10:17:45
 **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	0.00300	25.00	-150.00	0.00251
30.00	-150.00	0.00211	40.00	-150.00	0.00156
50.00	-150.00	0.00120	60.00	-150.00	0.00095
70.00	-150.00	0.00077	80.00	-150.00	0.00064
90.00	-150.00	0.00054	100.00	-150.00	0.00047

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-100.00	-140.00	0.00042	-90.00	-140.00	0.00049
-80.00	-140.00	0.00057	-70.00	-140.00	0.00068
-60.00	-140.00	0.00081	-50.00	-140.00	0.00096
-40.00	-140.00	0.00113	-30.00	-140.00	0.00133
-25.00	-140.00	0.00143	-20.00	-140.00	0.00153
-17.00	-140.00	0.00159	-15.00	-140.00	0.00162
-13.00	-140.00	0.00165	-11.00	-140.00	0.00169
-9.00	-140.00	0.00172	9.00	-140.00	0.00217
11.00	-140.00	0.00193	13.00	-140.00	0.00177
15.00	-140.00	0.00165	17.00	-140.00	0.00156
20.00	-140.00	0.00143	25.00	-140.00	0.00126
30.00	-140.00	0.00112	40.00	-140.00	0.00090
50.00	-140.00	0.00074	60.00	-140.00	0.00062
70.00	-140.00	0.00053	80.00	-140.00	0.00046
90.00	-140.00	0.00040	100.00	-140.00	0.00035
-100.00	-130.00	0.00042	-90.00	-130.00	0.00048
-80.00	-130.00	0.00056	-70.00	-130.00	0.00066
-60.00	-130.00	0.00077	-50.00	-130.00	0.00090
-40.00	-130.00	0.00105	-30.00	-130.00	0.00120
-25.00	-130.00	0.00127	-20.00	-130.00	0.00134
-17.00	-130.00	0.00136	-15.00	-130.00	0.00137
-13.00	-130.00	0.00137	-11.00	-130.00	0.00136
-9.00	-130.00	0.00133	9.00	-130.00	0.00060
11.00	-130.00	0.00060	13.00	-130.00	0.00060
15.00	-130.00	0.00060	17.00	-130.00	0.00060
20.00	-130.00	0.00059	25.00	-130.00	0.00058
30.00	-130.00	0.00056	40.00	-130.00	0.00051
50.00	-130.00	0.00046	60.00	-130.00	0.00041
70.00	-130.00	0.00037	80.00	-130.00	0.00033
90.00	-130.00	0.00029	100.00	-130.00	0.00027
-100.00	-120.00	0.00041	-90.00	-120.00	0.00047
-80.00	-120.00	0.00054	-70.00	-120.00	0.00062
-60.00	-120.00	0.00070	-50.00	-120.00	0.00080
-40.00	-120.00	0.00091	-30.00	-120.00	0.00100
-25.00	-120.00	0.00103	-20.00	-120.00	0.00103

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 10:17:45
 **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 **

05NCRA_PL97-300_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	0.00101	-15.00	-120.00	0.00099
-13.00	-120.00	0.00095	-11.00	-120.00	0.00090
-9.00	-120.00	0.00083	9.00	-120.00	0.00040
11.00	-120.00	0.00039	13.00	-120.00	0.00039
15.00	-120.00	0.00038	17.00	-120.00	0.00038
20.00	-120.00	0.00037	25.00	-120.00	0.00036
30.00	-120.00	0.00035	40.00	-120.00	0.00033
50.00	-120.00	0.00030	60.00	-120.00	0.00028
70.00	-120.00	0.00026	80.00	-120.00	0.00024
90.00	-120.00	0.00022	100.00	-120.00	0.00020
-100.00	-110.00	0.00039	-90.00	-110.00	0.00044
-80.00	-110.00	0.00049	-70.00	-110.00	0.00056
-60.00	-110.00	0.00062	-50.00	-110.00	0.00069
-40.00	-110.00	0.00076	-30.00	-110.00	0.00079
-25.00	-110.00	0.00077	-20.00	-110.00	0.00073
-17.00	-110.00	0.00070	-15.00	-110.00	0.00067
-13.00	-110.00	0.00063	-11.00	-110.00	0.00059
-9.00	-110.00	0.00055	9.00	-110.00	0.00030
11.00	-110.00	0.00029	13.00	-110.00	0.00029
15.00	-110.00	0.00028	17.00	-110.00	0.00028
20.00	-110.00	0.00027	25.00	-110.00	0.00027
30.00	-110.00	0.00026	40.00	-110.00	0.00024
50.00	-110.00	0.00022	60.00	-110.00	0.00021
70.00	-110.00	0.00020	80.00	-110.00	0.00018
90.00	-110.00	0.00017	100.00	-110.00	0.00016
-100.00	-100.00	0.00036	-90.00	-100.00	0.00040
-80.00	-100.00	0.00045	-70.00	-100.00	0.00050
-60.00	-100.00	0.00054	-50.00	-100.00	0.00059
-40.00	-100.00	0.00061	-30.00	-100.00	0.00059
-25.00	-100.00	0.00056	-20.00	-100.00	0.00052
-17.00	-100.00	0.00049	-15.00	-100.00	0.00047
-13.00	-100.00	0.00044	-11.00	-100.00	0.00042
-9.00	-100.00	0.00039	9.00	-100.00	0.00024
11.00	-100.00	0.00023	13.00	-100.00	0.00022
15.00	-100.00	0.00022	17.00	-100.00	0.00022
20.00	-100.00	0.00021	25.00	-100.00	0.00021
30.00	-100.00	0.00020	40.00	-100.00	0.00019
50.00	-100.00	0.00018	60.00	-100.00	0.00017
70.00	-100.00	0.00016	80.00	-100.00	0.00015
90.00	-100.00	0.00014	100.00	-100.00	0.00013

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**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	0.00033	-90.00	-90.00	0.00037
-80.00	-90.00	0.00040	-70.00	-90.00	0.00044
-60.00	-90.00	0.00047	-50.00	-90.00	0.00049
-40.00	-90.00	0.00048	-30.00	-90.00	0.00045
-25.00	-90.00	0.00042	-20.00	-90.00	0.00038
-17.00	-90.00	0.00036	-15.00	-90.00	0.00034
-13.00	-90.00	0.00033	-11.00	-90.00	0.00031
-9.00	-90.00	0.00030	9.00	-90.00	0.00019
11.00	-90.00	0.00018	13.00	-90.00	0.00018
15.00	-90.00	0.00018	17.00	-90.00	0.00018
20.00	-90.00	0.00017	25.00	-90.00	0.00017
30.00	-90.00	0.00016	40.00	-90.00	0.00015
50.00	-90.00	0.00015	60.00	-90.00	0.00014
70.00	-90.00	0.00013	80.00	-90.00	0.00012
90.00	-90.00	0.00012	100.00	-90.00	0.00011
-100.00	-80.00	0.00031	-90.00	-80.00	0.00033
-80.00	-80.00	0.00036	-70.00	-80.00	0.00038
-60.00	-80.00	0.00039	-50.00	-80.00	0.00039
-40.00	-80.00	0.00038	-30.00	-80.00	0.00034
-25.00	-80.00	0.00032	-20.00	-80.00	0.00029
-17.00	-80.00	0.00027	-15.00	-80.00	0.00026
-13.00	-80.00	0.00025	-11.00	-80.00	0.00024
-9.00	-80.00	0.00023	9.00	-80.00	0.00016
11.00	-80.00	0.00015	13.00	-80.00	0.00015
15.00	-80.00	0.00015	17.00	-80.00	0.00014
20.00	-80.00	0.00014	25.00	-80.00	0.00014
30.00	-80.00	0.00013	40.00	-80.00	0.00013
50.00	-80.00	0.00012	60.00	-80.00	0.00011
70.00	-80.00	0.00011	80.00	-80.00	0.00010
90.00	-80.00	0.00010	100.00	-80.00	0.00009
-100.00	-70.00	0.00028	-90.00	-70.00	0.00030
-80.00	-70.00	0.00031	-70.00	-70.00	0.00032
-60.00	-70.00	0.00033	-50.00	-70.00	0.00032
-40.00	-70.00	0.00030	-30.00	-70.00	0.00027
-25.00	-70.00	0.00025	-20.00	-70.00	0.00023
-17.00	-70.00	0.00022	-15.00	-70.00	0.00021
-13.00	-70.00	0.00020	-11.00	-70.00	0.00019

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-9.00	-70.00	0.00019	9.00	-70.00	0.00013
11.00	-70.00	0.00013	13.00	-70.00	0.00013
15.00	-70.00	0.00012	17.00	-70.00	0.00012

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

10:17:45
 **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	0.00012	25.00	-70.00	0.00012
30.00	-70.00	0.00011	40.00	-70.00	0.00011
50.00	-70.00	0.00010	60.00	-70.00	0.00010
70.00	-70.00	0.00009	80.00	-70.00	0.00009
90.00	-70.00	0.00009	100.00	-70.00	0.00008
-100.00	-60.00	0.00025	-90.00	-60.00	0.00026
-80.00	-60.00	0.00027	-70.00	-60.00	0.00027
-60.00	-60.00	0.00027	-50.00	-60.00	0.00026
-40.00	-60.00	0.00024	-30.00	-60.00	0.00022
-25.00	-60.00	0.00020	-20.00	-60.00	0.00018
-17.00	-60.00	0.00018	-15.00	-60.00	0.00017
-13.00	-60.00	0.00016	-11.00	-60.00	0.00016
-9.00	-60.00	0.00016	9.00	-60.00	0.00011
11.00	-60.00	0.00011	13.00	-60.00	0.00011
15.00	-60.00	0.00010	17.00	-60.00	0.00010
20.00	-60.00	0.00010	25.00	-60.00	0.00010
30.00	-60.00	0.00010	40.00	-60.00	0.00009
50.00	-60.00	0.00009	60.00	-60.00	0.00008
70.00	-60.00	0.00008	80.00	-60.00	0.00008
90.00	-60.00	0.00007	100.00	-60.00	0.00007
-100.00	-50.00	0.00023	-90.00	-50.00	0.00023
-80.00	-50.00	0.00023	-70.00	-50.00	0.00023
-60.00	-50.00	0.00023	-50.00	-50.00	0.00022
-40.00	-50.00	0.00020	-30.00	-50.00	0.00018
-25.00	-50.00	0.00016	-20.00	-50.00	0.00015
-17.00	-50.00	0.00015	-15.00	-50.00	0.00014
-13.00	-50.00	0.00014	-11.00	-50.00	0.00013
-9.00	-50.00	0.00013	9.00	-50.00	0.00010
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	0.00009

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

30.00	-50.00	0.00008	40.00	-50.00	0.00008
50.00	-50.00	0.00008	60.00	-50.00	0.00007
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	-40.00	0.00020	-90.00	-40.00	0.00020
-80.00	-40.00	0.00020	-70.00	-40.00	0.00020
-60.00	-40.00	0.00019	-50.00	-40.00	0.00018
-40.00	-40.00	0.00017	-30.00	-40.00	0.00015
-25.00	-40.00	0.00014	-20.00	-40.00	0.00013

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

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

10:17:45
 **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	0.00012	-15.00	-40.00	0.00012
-13.00	-40.00	0.00012	-11.00	-40.00	0.00011
-9.00	-40.00	0.00011	9.00	-40.00	0.00008
11.00	-40.00	0.00008	13.00	-40.00	0.00008
15.00	-40.00	0.00008	17.00	-40.00	0.00008
20.00	-40.00	0.00008	25.00	-40.00	0.00007
30.00	-40.00	0.00007	40.00	-40.00	0.00007
50.00	-40.00	0.00007	60.00	-40.00	0.00006
70.00	-40.00	0.00006	80.00	-40.00	0.00006
90.00	-40.00	0.00006	100.00	-40.00	0.00006
-100.00	-30.00	0.00018	-90.00	-30.00	0.00018
-80.00	-30.00	0.00017	-70.00	-30.00	0.00017
-60.00	-30.00	0.00016	-50.00	-30.00	0.00015
-40.00	-30.00	0.00014	-30.00	-30.00	0.00012
-25.00	-30.00	0.00012	-20.00	-30.00	0.00011
-17.00	-30.00	0.00011	-15.00	-30.00	0.00010
-13.00	-30.00	0.00010	-11.00	-30.00	0.00010
-9.00	-30.00	0.00010	9.00	-30.00	0.00007
11.00	-30.00	0.00007	13.00	-30.00	0.00007
15.00	-30.00	0.00007	17.00	-30.00	0.00007
20.00	-30.00	0.00007	25.00	-30.00	0.00006
30.00	-30.00	0.00006	40.00	-30.00	0.00006
50.00	-30.00	0.00006	60.00	-30.00	0.00006
70.00	-30.00	0.00005	80.00	-30.00	0.00005
90.00	-30.00	0.00005	100.00	-30.00	0.00005

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-100.00	-20.00	0.00015	-90.00	-20.00	0.00015
-80.00	-20.00	0.00015	-70.00	-20.00	0.00015
-60.00	-20.00	0.00014	-50.00	-20.00	0.00013
-40.00	-20.00	0.00012	-30.00	-20.00	0.00011
-25.00	-20.00	0.00010	-20.00	-20.00	0.00009
-17.00	-20.00	0.00009	-15.00	-20.00	0.00009
-13.00	-20.00	0.00009	-11.00	-20.00	0.00009
-9.00	-20.00	0.00008	9.00	-20.00	0.00007
11.00	-20.00	0.00006	13.00	-20.00	0.00006
15.00	-20.00	0.00006	17.00	-20.00	0.00006
20.00	-20.00	0.00006	25.00	-20.00	0.00006
30.00	-20.00	0.00006	40.00	-20.00	0.00006
50.00	-20.00	0.00005	60.00	-20.00	0.00005
70.00	-20.00	0.00005	80.00	-20.00	0.00005
90.00	-20.00	0.00005	100.00	-20.00	0.00004

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

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

10:17:45
 **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	0.00014
-80.00	-10.00	0.00013	-70.00	-10.00	0.00013
-60.00	-10.00	0.00012	-50.00	-10.00	0.00011
-40.00	-10.00	0.00010	-30.00	-10.00	0.00009
-25.00	-10.00	0.00009	-20.00	-10.00	0.00008
-17.00	-10.00	0.00008	-15.00	-10.00	0.00008
-13.00	-10.00	0.00008	-11.00	-10.00	0.00008
-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	0.00005
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	0.00004	80.00	-10.00	0.00004
90.00	-10.00	0.00004	100.00	-10.00	0.00004
-100.00	0.00	0.00012	-90.00	0.00	0.00012
-80.00	0.00	0.00012	-70.00	0.00	0.00011
-60.00	0.00	0.00011	-50.00	0.00	0.00010
-40.00	0.00	0.00009	-30.00	0.00	0.00008

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-25.00	0.00	0.00008	-20.00	0.00	0.00007
-17.00	0.00	0.00007	-15.00	0.00	0.00007
-13.00	0.00	0.00007	-11.00	0.00	0.00007
-9.00	0.00	0.00007	9.00	0.00	0.00005
11.00	0.00	0.00005	13.00	0.00	0.00005
15.00	0.00	0.00005	17.00	0.00	0.00005
20.00	0.00	0.00005	25.00	0.00	0.00005
30.00	0.00	0.00005	40.00	0.00	0.00004
50.00	0.00	0.00004	60.00	0.00	0.00004
70.00	0.00	0.00004	80.00	0.00	0.00004
90.00	0.00	0.00004	100.00	0.00	0.00004
-100.00	10.00	0.00011	-90.00	10.00	0.00011
-80.00	10.00	0.00010	-70.00	10.00	0.00010
-60.00	10.00	0.00009	-50.00	10.00	0.00009
-40.00	10.00	0.00008	-30.00	10.00	0.00007
-25.00	10.00	0.00007	-20.00	10.00	0.00007
-17.00	10.00	0.00006	-15.00	10.00	0.00006
-13.00	10.00	0.00006	-11.00	10.00	0.00006
-9.00	10.00	0.00006	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	0.00004

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

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

10:17:45

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00004	25.00	10.00	0.00004
30.00	10.00	0.00004	40.00	10.00	0.00004
50.00	10.00	0.00004	60.00	10.00	0.00004
70.00	10.00	0.00004	80.00	10.00	0.00004
90.00	10.00	0.00003	100.00	10.00	0.00003
-100.00	20.00	0.00010	-90.00	20.00	0.00010
-80.00	20.00	0.00009	-70.00	20.00	0.00009
-60.00	20.00	0.00008	-50.00	20.00	0.00008
-40.00	20.00	0.00007	-30.00	20.00	0.00006
-25.00	20.00	0.00006	-20.00	20.00	0.00006
-17.00	20.00	0.00006	-15.00	20.00	0.00006
-13.00	20.00	0.00006	-11.00	20.00	0.00005
-9.00	20.00	0.00005	9.00	20.00	0.00004

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

10:17:45
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00005	-15.00	40.00	0.00005
-13.00	40.00	0.00005	-11.00	40.00	0.00004
-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	0.00003	17.00	40.00	0.00003
20.00	40.00	0.00003	25.00	40.00	0.00003
30.00	40.00	0.00003	40.00	40.00	0.00003

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

50.00	40.00	0.00003	60.00	40.00	0.00003
70.00	40.00	0.00003	80.00	40.00	0.00003
90.00	40.00	0.00003	100.00	40.00	0.00003
-100.00	50.00	0.00007	-90.00	50.00	0.00007
-80.00	50.00	0.00007	-70.00	50.00	0.00006
-60.00	50.00	0.00006	-50.00	50.00	0.00005
-40.00	50.00	0.00005	-30.00	50.00	0.00005
-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	0.00003
50.00	50.00	0.00003	60.00	50.00	0.00003
70.00	50.00	0.00003	80.00	50.00	0.00003
90.00	50.00	0.00003	100.00	50.00	0.00002
-100.00	60.00	0.00007	-90.00	60.00	0.00006
-80.00	60.00	0.00006	-70.00	60.00	0.00006
-60.00	60.00	0.00005	-50.00	60.00	0.00005
-40.00	60.00	0.00005	-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	0.00004
-13.00	60.00	0.00004	-11.00	60.00	0.00004
-9.00	60.00	0.00004	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	0.00002
90.00	60.00	0.00002	100.00	60.00	0.00002

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

10:17:45
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

10:17:45

**MODELOPTs:

PAGE 116

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-25.00 120.00 0.00003 -20.00 120.00 0.00003

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

10:17:45

**MODELOPTs:
 PAGE 117

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00002	-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	0.00004	-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	0.00003	-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	0.00003	-50.00	140.00	0.00003
-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

05NCRA_PL97-300_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	0.00001	60.00	140.00	0.00001
70.00	140.00	0.00001	80.00	140.00	0.00001
90.00	140.00	0.00001	100.00	140.00	0.00001

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

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

10:17:45

**MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00003	-90.00	150.00	0.00003
-80.00	150.00	0.00003	-70.00	150.00	0.00003
-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	0.00001
50.00	150.00	0.00001	60.00	150.00	0.00001
70.00	150.00	0.00001	80.00	150.00	0.00001
90.00	150.00	0.00001	100.00	150.00	0.00001
-100.00	160.00	0.00003	-90.00	160.00	0.00003
-80.00	160.00	0.00003	-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	0.00001
30.00	160.00	0.00001	40.00	160.00	0.00001

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

50.00	160.00	0.00001	60.00	160.00	0.00001
70.00	160.00	0.00001	80.00	160.00	0.00001
90.00	160.00	0.00001	100.00	160.00	0.00001
-100.00	170.00	0.00003	-90.00	170.00	0.00003
-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	0.00002
11.00	170.00	0.00002	13.00	170.00	0.00002
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 ***

10:17:45

**MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:17:45
 **MODELOPTs:
 PAGE 120

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00002	-15.00	200.00	0.00002
-13.00	200.00	0.00002	-11.00	200.00	0.00001
-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	0.00002	-30.00	210.00	0.00002
-25.00	210.00	0.00002	-20.00	210.00	0.00001

05NCRA_PL97-300_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	0.00002
-40.00	220.00	0.00002	-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 ***

10:17:45
 **MODELOPTs:
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00002	-90.00	230.00	0.00002
-80.00	230.00	0.00002	-70.00	230.00	0.00002
-60.00	230.00	0.00002	-50.00	230.00	0.00001
-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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

10:17:45
**MODELOPTs:
PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

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

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

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

10:17:45
 **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	0.00051	-90.00	-250.00	0.00056
-80.00	-250.00	0.00062	-70.00	-250.00	0.00069
-60.00	-250.00	0.00078	-50.00	-250.00	0.00088
-40.00	-250.00	0.00101	-30.00	-250.00	0.00118
-25.00	-250.00	0.00129	-20.00	-250.00	0.00143
-17.00	-250.00	0.00152	-15.00	-250.00	0.00158
-13.00	-250.00	0.00166	-11.00	-250.00	0.00174
-9.00	-250.00	0.00184	9.00	-250.00	0.00326
11.00	-250.00	0.00343	13.00	-250.00	0.00359
15.00	-250.00	0.00375	17.00	-250.00	0.00390
20.00	-250.00	0.00410	25.00	-250.00	0.00436
30.00	-250.00	0.00453	40.00	-250.00	0.00459
50.00	-250.00	0.00441	60.00	-250.00	0.00412
70.00	-250.00	0.00382	80.00	-250.00	0.00353
90.00	-250.00	0.00326	100.00	-250.00	0.00302
-100.00	-240.00	0.00055	-90.00	-240.00	0.00060
-80.00	-240.00	0.00067	-70.00	-240.00	0.00074
-60.00	-240.00	0.00084	-50.00	-240.00	0.00095
-40.00	-240.00	0.00109	-30.00	-240.00	0.00128
-25.00	-240.00	0.00140	-20.00	-240.00	0.00154
-17.00	-240.00	0.00165	-15.00	-240.00	0.00173
-13.00	-240.00	0.00182	-11.00	-240.00	0.00193
-9.00	-240.00	0.00205	9.00	-240.00	0.00429
11.00	-240.00	0.00456	13.00	-240.00	0.00482
15.00	-240.00	0.00505	17.00	-240.00	0.00524
20.00	-240.00	0.00547	25.00	-240.00	0.00566
30.00	-240.00	0.00567	40.00	-240.00	0.00540
50.00	-240.00	0.00498	60.00	-240.00	0.00454
70.00	-240.00	0.00413	80.00	-240.00	0.00377
90.00	-240.00	0.00345	100.00	-240.00	0.00317
-100.00	-230.00	0.00058	-90.00	-230.00	0.00064
-80.00	-230.00	0.00071	-70.00	-230.00	0.00080

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-60.00	-230.00	0.00091	-50.00	-230.00	0.00103
-40.00	-230.00	0.00119	-30.00	-230.00	0.00139
-25.00	-230.00	0.00152	-20.00	-230.00	0.00168
-17.00	-230.00	0.00179	-15.00	-230.00	0.00188
-13.00	-230.00	0.00199	-11.00	-230.00	0.00211
-9.00	-230.00	0.00227	9.00	-230.00	0.00640
11.00	-230.00	0.00668	13.00	-230.00	0.00686
15.00	-230.00	0.00698	17.00	-230.00	0.00704

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

10:17:45
 **MODELOPTs:
 PAGE 124
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00705	25.00	-230.00	0.00692
30.00	-230.00	0.00667	40.00	-230.00	0.00606
50.00	-230.00	0.00544	60.00	-230.00	0.00487
70.00	-230.00	0.00438	80.00	-230.00	0.00396
90.00	-230.00	0.00360	100.00	-230.00	0.00329
-100.00	-220.00	0.00061	-90.00	-220.00	0.00068
-80.00	-220.00	0.00077	-70.00	-220.00	0.00086
-60.00	-220.00	0.00098	-50.00	-220.00	0.00113
-40.00	-220.00	0.00131	-30.00	-220.00	0.00155
-25.00	-220.00	0.00171	-20.00	-220.00	0.00190
-17.00	-220.00	0.00204	-15.00	-220.00	0.00216
-13.00	-220.00	0.00229	-11.00	-220.00	0.00246
-9.00	-220.00	0.00268	9.00	-220.00	0.00797
11.00	-220.00	0.00802	13.00	-220.00	0.00805
15.00	-220.00	0.00804	17.00	-220.00	0.00801
20.00	-220.00	0.00790	25.00	-220.00	0.00761
30.00	-220.00	0.00724	40.00	-220.00	0.00646
50.00	-220.00	0.00573	60.00	-220.00	0.00509
70.00	-220.00	0.00455	80.00	-220.00	0.00409
90.00	-220.00	0.00370	100.00	-220.00	0.00337
-100.00	-210.00	0.00065	-90.00	-210.00	0.00073
-80.00	-210.00	0.00083	-70.00	-210.00	0.00094
-60.00	-210.00	0.00108	-50.00	-210.00	0.00126
-40.00	-210.00	0.00148	-30.00	-210.00	0.00178
-25.00	-210.00	0.00197	-20.00	-210.00	0.00222
-17.00	-210.00	0.00241	-15.00	-210.00	0.00256

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00273	-11.00	-210.00	0.00294
-9.00	-210.00	0.00319	9.00	-210.00	0.00818
11.00	-210.00	0.00823	13.00	-210.00	0.00827
15.00	-210.00	0.00827	17.00	-210.00	0.00823
20.00	-210.00	0.00813	25.00	-210.00	0.00783
30.00	-210.00	0.00745	40.00	-210.00	0.00665
50.00	-210.00	0.00588	60.00	-210.00	0.00522
70.00	-210.00	0.00466	80.00	-210.00	0.00418
90.00	-210.00	0.00378	100.00	-210.00	0.00344
-100.00	-200.00	0.00070	-90.00	-200.00	0.00079
-80.00	-200.00	0.00089	-70.00	-200.00	0.00103
-60.00	-200.00	0.00119	-50.00	-200.00	0.00139
-40.00	-200.00	0.00165	-30.00	-200.00	0.00201
-25.00	-200.00	0.00225	-20.00	-200.00	0.00253

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

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

10:17:45

**MODELOPTs:

PAGE 125

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00274	-15.00	-200.00	0.00289
-13.00	-200.00	0.00306	-11.00	-200.00	0.00325
-9.00	-200.00	0.00348	9.00	-200.00	0.00828
11.00	-200.00	0.00834	13.00	-200.00	0.00837
15.00	-200.00	0.00837	17.00	-200.00	0.00834
20.00	-200.00	0.00823	25.00	-200.00	0.00793
30.00	-200.00	0.00755	40.00	-200.00	0.00673
50.00	-200.00	0.00596	60.00	-200.00	0.00529
70.00	-200.00	0.00472	80.00	-200.00	0.00424
90.00	-200.00	0.00383	100.00	-200.00	0.00348
-100.00	-190.00	0.00075	-90.00	-190.00	0.00085
-80.00	-190.00	0.00096	-70.00	-190.00	0.00111
-60.00	-190.00	0.00129	-50.00	-190.00	0.00152
-40.00	-190.00	0.00182	-30.00	-190.00	0.00222
-25.00	-190.00	0.00247	-20.00	-190.00	0.00276
-17.00	-190.00	0.00295	-15.00	-190.00	0.00310
-13.00	-190.00	0.00326	-11.00	-190.00	0.00343
-9.00	-190.00	0.00364	9.00	-190.00	0.00835
11.00	-190.00	0.00840	13.00	-190.00	0.00844
15.00	-190.00	0.00843	17.00	-190.00	0.00840

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00829	25.00	-190.00	0.00799
30.00	-190.00	0.00761	40.00	-190.00	0.00679
50.00	-190.00	0.00601	60.00	-190.00	0.00533
70.00	-190.00	0.00476	80.00	-190.00	0.00427
90.00	-190.00	0.00386	100.00	-190.00	0.00350
-100.00	-180.00	0.00080	-90.00	-180.00	0.00090
-80.00	-180.00	0.00103	-70.00	-180.00	0.00118
-60.00	-180.00	0.00138	-50.00	-180.00	0.00163
-40.00	-180.00	0.00196	-30.00	-180.00	0.00237
-25.00	-180.00	0.00262	-20.00	-180.00	0.00290
-17.00	-180.00	0.00309	-15.00	-180.00	0.00323
-13.00	-180.00	0.00338	-11.00	-180.00	0.00355
-9.00	-180.00	0.00374	9.00	-180.00	0.00840
11.00	-180.00	0.00845	13.00	-180.00	0.00848
15.00	-180.00	0.00848	17.00	-180.00	0.00844
20.00	-180.00	0.00833	25.00	-180.00	0.00803
30.00	-180.00	0.00765	40.00	-180.00	0.00682
50.00	-180.00	0.00604	60.00	-180.00	0.00536
70.00	-180.00	0.00478	80.00	-180.00	0.00429
90.00	-180.00	0.00387	100.00	-180.00	0.00352

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

10:17:45
 **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	0.00084	-90.00	-170.00	0.00095
-80.00	-170.00	0.00109	-70.00	-170.00	0.00126
-60.00	-170.00	0.00147	-50.00	-170.00	0.00174
-40.00	-170.00	0.00207	-30.00	-170.00	0.00248
-25.00	-170.00	0.00273	-20.00	-170.00	0.00300
-17.00	-170.00	0.00318	-15.00	-170.00	0.00331
-13.00	-170.00	0.00346	-11.00	-170.00	0.00362
-9.00	-170.00	0.00381	9.00	-170.00	0.00843
11.00	-170.00	0.00848	13.00	-170.00	0.00851
15.00	-170.00	0.00851	17.00	-170.00	0.00847
20.00	-170.00	0.00836	25.00	-170.00	0.00806
30.00	-170.00	0.00768	40.00	-170.00	0.00684
50.00	-170.00	0.00606	60.00	-170.00	0.00538
70.00	-170.00	0.00479	80.00	-170.00	0.00430

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00388	100.00	-170.00	0.00353
-100.00	-160.00	0.00088	-90.00	-160.00	0.00100
-80.00	-160.00	0.00114	-70.00	-160.00	0.00132
-60.00	-160.00	0.00155	-50.00	-160.00	0.00182
-40.00	-160.00	0.00216	-30.00	-160.00	0.00256
-25.00	-160.00	0.00280	-20.00	-160.00	0.00307
-17.00	-160.00	0.00324	-15.00	-160.00	0.00337
-13.00	-160.00	0.00351	-11.00	-160.00	0.00367
-9.00	-160.00	0.00386	9.00	-160.00	0.00845
11.00	-160.00	0.00850	13.00	-160.00	0.00853
15.00	-160.00	0.00853	17.00	-160.00	0.00849
20.00	-160.00	0.00838	25.00	-160.00	0.00807
30.00	-160.00	0.00769	40.00	-160.00	0.00686
50.00	-160.00	0.00607	60.00	-160.00	0.00539
70.00	-160.00	0.00480	80.00	-160.00	0.00431
90.00	-160.00	0.00389	100.00	-160.00	0.00353
-100.00	-150.00	0.00091	-90.00	-150.00	0.00104
-80.00	-150.00	0.00119	-70.00	-150.00	0.00138
-60.00	-150.00	0.00161	-50.00	-150.00	0.00189
-40.00	-150.00	0.00222	-30.00	-150.00	0.00262
-25.00	-150.00	0.00285	-20.00	-150.00	0.00311
-17.00	-150.00	0.00328	-15.00	-150.00	0.00341
-13.00	-150.00	0.00355	-11.00	-150.00	0.00370
-9.00	-150.00	0.00389	9.00	-150.00	0.00847
11.00	-150.00	0.00852	13.00	-150.00	0.00855
15.00	-150.00	0.00854	17.00	-150.00	0.00851

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

10:17:45
 **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	0.00839	25.00	-150.00	0.00809
30.00	-150.00	0.00770	40.00	-150.00	0.00687
50.00	-150.00	0.00608	60.00	-150.00	0.00539
70.00	-150.00	0.00481	80.00	-150.00	0.00431
90.00	-150.00	0.00389	100.00	-150.00	0.00353
-100.00	-140.00	0.00095	-90.00	-140.00	0.00108
-80.00	-140.00	0.00124	-70.00	-140.00	0.00143
-60.00	-140.00	0.00166	-50.00	-140.00	0.00193

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00226	-30.00	-140.00	0.00266
-25.00	-140.00	0.00289	-20.00	-140.00	0.00314
-17.00	-140.00	0.00331	-15.00	-140.00	0.00344
-13.00	-140.00	0.00357	-11.00	-140.00	0.00373
-9.00	-140.00	0.00392	9.00	-140.00	0.00849
11.00	-140.00	0.00854	13.00	-140.00	0.00855
15.00	-140.00	0.00855	17.00	-140.00	0.00852
20.00	-140.00	0.00840	25.00	-140.00	0.00810
30.00	-140.00	0.00771	40.00	-140.00	0.00687
50.00	-140.00	0.00609	60.00	-140.00	0.00540
70.00	-140.00	0.00481	80.00	-140.00	0.00431
90.00	-140.00	0.00389	100.00	-140.00	0.00353
-100.00	-130.00	0.00098	-90.00	-130.00	0.00112
-80.00	-130.00	0.00128	-70.00	-130.00	0.00147
-60.00	-130.00	0.00170	-50.00	-130.00	0.00197
-40.00	-130.00	0.00230	-30.00	-130.00	0.00269
-25.00	-130.00	0.00291	-20.00	-130.00	0.00317
-17.00	-130.00	0.00333	-15.00	-130.00	0.00346
-13.00	-130.00	0.00359	-11.00	-130.00	0.00375
-9.00	-130.00	0.00394	9.00	-130.00	0.00849
11.00	-130.00	0.00854	13.00	-130.00	0.00856
15.00	-130.00	0.00856	17.00	-130.00	0.00852
20.00	-130.00	0.00841	25.00	-130.00	0.00810
30.00	-130.00	0.00771	40.00	-130.00	0.00687
50.00	-130.00	0.00609	60.00	-130.00	0.00540
70.00	-130.00	0.00481	80.00	-130.00	0.00431
90.00	-130.00	0.00389	100.00	-130.00	0.00352
-100.00	-120.00	0.00101	-90.00	-120.00	0.00115
-80.00	-120.00	0.00131	-70.00	-120.00	0.00150
-60.00	-120.00	0.00173	-50.00	-120.00	0.00200
-40.00	-120.00	0.00232	-30.00	-120.00	0.00271
-25.00	-120.00	0.00293	-20.00	-120.00	0.00318

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

10:17:45
 **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	0.00335	-15.00	-120.00	0.00347
-13.00	-120.00	0.00360	-11.00	-120.00	0.00376

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-9.00	-120.00	0.00394	9.00	-120.00	0.00849
11.00	-120.00	0.00854	13.00	-120.00	0.00856
15.00	-120.00	0.00856	17.00	-120.00	0.00852
20.00	-120.00	0.00841	25.00	-120.00	0.00810
30.00	-120.00	0.00771	40.00	-120.00	0.00687
50.00	-120.00	0.00608	60.00	-120.00	0.00539
70.00	-120.00	0.00480	80.00	-120.00	0.00430
90.00	-120.00	0.00388	100.00	-120.00	0.00352
-100.00	-110.00	0.00104	-90.00	-110.00	0.00118
-80.00	-110.00	0.00134	-70.00	-110.00	0.00153
-60.00	-110.00	0.00175	-50.00	-110.00	0.00202
-40.00	-110.00	0.00234	-30.00	-110.00	0.00273
-25.00	-110.00	0.00295	-20.00	-110.00	0.00319
-17.00	-110.00	0.00336	-15.00	-110.00	0.00348
-13.00	-110.00	0.00361	-11.00	-110.00	0.00376
-9.00	-110.00	0.00395	9.00	-110.00	0.00849
11.00	-110.00	0.00854	13.00	-110.00	0.00857
15.00	-110.00	0.00856	17.00	-110.00	0.00852
20.00	-110.00	0.00840	25.00	-110.00	0.00810
30.00	-110.00	0.00771	40.00	-110.00	0.00687
50.00	-110.00	0.00608	60.00	-110.00	0.00539
70.00	-110.00	0.00480	80.00	-110.00	0.00430
90.00	-110.00	0.00387	100.00	-110.00	0.00351
-100.00	-100.00	0.00106	-90.00	-100.00	0.00120
-80.00	-100.00	0.00136	-70.00	-100.00	0.00155
-60.00	-100.00	0.00177	-50.00	-100.00	0.00204
-40.00	-100.00	0.00236	-30.00	-100.00	0.00274
-25.00	-100.00	0.00296	-20.00	-100.00	0.00320
-17.00	-100.00	0.00336	-15.00	-100.00	0.00348
-13.00	-100.00	0.00362	-11.00	-100.00	0.00377
-9.00	-100.00	0.00395	9.00	-100.00	0.00849
11.00	-100.00	0.00854	13.00	-100.00	0.00856
15.00	-100.00	0.00856	17.00	-100.00	0.00852
20.00	-100.00	0.00840	25.00	-100.00	0.00809
30.00	-100.00	0.00771	40.00	-100.00	0.00686
50.00	-100.00	0.00607	60.00	-100.00	0.00538
70.00	-100.00	0.00479	80.00	-100.00	0.00429
90.00	-100.00	0.00386	100.00	-100.00	0.00350

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

04/20/08

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

10:17:45

**MODELOPTS:
PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00108	-90.00	-90.00	0.00121
-80.00	-90.00	0.00137	-70.00	-90.00	0.00156
-60.00	-90.00	0.00179	-50.00	-90.00	0.00205
-40.00	-90.00	0.00237	-30.00	-90.00	0.00274
-25.00	-90.00	0.00296	-20.00	-90.00	0.00320
-17.00	-90.00	0.00337	-15.00	-90.00	0.00349
-13.00	-90.00	0.00362	-11.00	-90.00	0.00377
-9.00	-90.00	0.00395	9.00	-90.00	0.00849
11.00	-90.00	0.00853	13.00	-90.00	0.00856
15.00	-90.00	0.00855	17.00	-90.00	0.00851
20.00	-90.00	0.00840	25.00	-90.00	0.00809
30.00	-90.00	0.00770	40.00	-90.00	0.00686
50.00	-90.00	0.00606	60.00	-90.00	0.00537
70.00	-90.00	0.00478	80.00	-90.00	0.00427
90.00	-90.00	0.00385	100.00	-90.00	0.00348
-100.00	-80.00	0.00109	-90.00	-80.00	0.00123
-80.00	-80.00	0.00138	-70.00	-80.00	0.00157
-60.00	-80.00	0.00180	-50.00	-80.00	0.00206
-40.00	-80.00	0.00237	-30.00	-80.00	0.00275
-25.00	-80.00	0.00296	-20.00	-80.00	0.00320
-17.00	-80.00	0.00337	-15.00	-80.00	0.00349
-13.00	-80.00	0.00362	-11.00	-80.00	0.00377
-9.00	-80.00	0.00395	9.00	-80.00	0.00848
11.00	-80.00	0.00853	13.00	-80.00	0.00855
15.00	-80.00	0.00855	17.00	-80.00	0.00851
20.00	-80.00	0.00839	25.00	-80.00	0.00808
30.00	-80.00	0.00769	40.00	-80.00	0.00685
50.00	-80.00	0.00605	60.00	-80.00	0.00535
70.00	-80.00	0.00476	80.00	-80.00	0.00426
90.00	-80.00	0.00383	100.00	-80.00	0.00347
-100.00	-70.00	0.00110	-90.00	-70.00	0.00124
-80.00	-70.00	0.00139	-70.00	-70.00	0.00158
-60.00	-70.00	0.00180	-50.00	-70.00	0.00207
-40.00	-70.00	0.00238	-30.00	-70.00	0.00275
-25.00	-70.00	0.00296	-20.00	-70.00	0.00320
-17.00	-70.00	0.00337	-15.00	-70.00	0.00348
-13.00	-70.00	0.00362	-11.00	-70.00	0.00376
-9.00	-70.00	0.00395	9.00	-70.00	0.00847
11.00	-70.00	0.00852	13.00	-70.00	0.00854
15.00	-70.00	0.00854	17.00	-70.00	0.00850

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**MODELOPTs:
PAGE 130

CONC URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00838	25.00	-70.00	0.00807
30.00	-70.00	0.00768	40.00	-70.00	0.00683
50.00	-70.00	0.00604	60.00	-70.00	0.00534
70.00	-70.00	0.00475	80.00	-70.00	0.00424
90.00	-70.00	0.00382	100.00	-70.00	0.00345
-100.00	-60.00	0.00111	-90.00	-60.00	0.00124
-80.00	-60.00	0.00140	-70.00	-60.00	0.00159
-60.00	-60.00	0.00181	-50.00	-60.00	0.00207
-40.00	-60.00	0.00238	-30.00	-60.00	0.00275
-25.00	-60.00	0.00296	-20.00	-60.00	0.00320
-17.00	-60.00	0.00336	-15.00	-60.00	0.00348
-13.00	-60.00	0.00361	-11.00	-60.00	0.00376
-9.00	-60.00	0.00394	9.00	-60.00	0.00847
11.00	-60.00	0.00851	13.00	-60.00	0.00853
15.00	-60.00	0.00853	17.00	-60.00	0.00849
20.00	-60.00	0.00837	25.00	-60.00	0.00806
30.00	-60.00	0.00767	40.00	-60.00	0.00682
50.00	-60.00	0.00602	60.00	-60.00	0.00532
70.00	-60.00	0.00473	80.00	-60.00	0.00423
90.00	-60.00	0.00380	100.00	-60.00	0.00343
-100.00	-50.00	0.00112	-90.00	-50.00	0.00125
-80.00	-50.00	0.00141	-70.00	-50.00	0.00159
-60.00	-50.00	0.00181	-50.00	-50.00	0.00207
-40.00	-50.00	0.00238	-30.00	-50.00	0.00274
-25.00	-50.00	0.00296	-20.00	-50.00	0.00320
-17.00	-50.00	0.00336	-15.00	-50.00	0.00347
-13.00	-50.00	0.00360	-11.00	-50.00	0.00376
-9.00	-50.00	0.00394	9.00	-50.00	0.00846
11.00	-50.00	0.00851	13.00	-50.00	0.00852
15.00	-50.00	0.00851	17.00	-50.00	0.00847
20.00	-50.00	0.00836	25.00	-50.00	0.00804
30.00	-50.00	0.00765	40.00	-50.00	0.00680
50.00	-50.00	0.00600	60.00	-50.00	0.00531
70.00	-50.00	0.00471	80.00	-50.00	0.00421

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

90.00	-50.00	0.00378	100.00	-50.00	0.00341
-100.00	-40.00	0.00112	-90.00	-40.00	0.00125
-80.00	-40.00	0.00141	-70.00	-40.00	0.00159
-60.00	-40.00	0.00181	-50.00	-40.00	0.00207
-40.00	-40.00	0.00237	-30.00	-40.00	0.00274
-25.00	-40.00	0.00295	-20.00	-40.00	0.00319

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

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

10:17:45
 **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	0.00335	-15.00	-40.00	0.00347
-13.00	-40.00	0.00360	-11.00	-40.00	0.00375
-9.00	-40.00	0.00393	9.00	-40.00	0.00845
11.00	-40.00	0.00849	13.00	-40.00	0.00851
15.00	-40.00	0.00850	17.00	-40.00	0.00846
20.00	-40.00	0.00834	25.00	-40.00	0.00803
30.00	-40.00	0.00763	40.00	-40.00	0.00679
50.00	-40.00	0.00598	60.00	-40.00	0.00528
70.00	-40.00	0.00469	80.00	-40.00	0.00418
90.00	-40.00	0.00375	100.00	-40.00	0.00339
-100.00	-30.00	0.00112	-90.00	-30.00	0.00126
-80.00	-30.00	0.00141	-70.00	-30.00	0.00159
-60.00	-30.00	0.00181	-50.00	-30.00	0.00207
-40.00	-30.00	0.00237	-30.00	-30.00	0.00273
-25.00	-30.00	0.00294	-20.00	-30.00	0.00318
-17.00	-30.00	0.00334	-15.00	-30.00	0.00346
-13.00	-30.00	0.00359	-11.00	-30.00	0.00374
-9.00	-30.00	0.00392	9.00	-30.00	0.00843
11.00	-30.00	0.00847	13.00	-30.00	0.00849
15.00	-30.00	0.00848	17.00	-30.00	0.00844
20.00	-30.00	0.00833	25.00	-30.00	0.00801
30.00	-30.00	0.00761	40.00	-30.00	0.00677
50.00	-30.00	0.00596	60.00	-30.00	0.00526
70.00	-30.00	0.00466	80.00	-30.00	0.00416
90.00	-30.00	0.00373	100.00	-30.00	0.00336
-100.00	-20.00	0.00112	-90.00	-20.00	0.00126
-80.00	-20.00	0.00141	-70.00	-20.00	0.00159
-60.00	-20.00	0.00181	-50.00	-20.00	0.00206

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-40.00	-20.00	0.00236	-30.00	-20.00	0.00272
-25.00	-20.00	0.00293	-20.00	-20.00	0.00317
-17.00	-20.00	0.00333	-15.00	-20.00	0.00345
-13.00	-20.00	0.00357	-11.00	-20.00	0.00372
-9.00	-20.00	0.00390	9.00	-20.00	0.00841
11.00	-20.00	0.00845	13.00	-20.00	0.00848
15.00	-20.00	0.00847	17.00	-20.00	0.00843
20.00	-20.00	0.00830	25.00	-20.00	0.00799
30.00	-20.00	0.00760	40.00	-20.00	0.00674
50.00	-20.00	0.00594	60.00	-20.00	0.00524
70.00	-20.00	0.00464	80.00	-20.00	0.00413
90.00	-20.00	0.00370	100.00	-20.00	0.00333

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

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

10:17:45

**MODELOPTs:
 PAGE 132

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00112	-90.00	-10.00	0.00126
-80.00	-10.00	0.00141	-70.00	-10.00	0.00159
-60.00	-10.00	0.00180	-50.00	-10.00	0.00205
-40.00	-10.00	0.00235	-30.00	-10.00	0.00271
-25.00	-10.00	0.00292	-20.00	-10.00	0.00316
-17.00	-10.00	0.00332	-15.00	-10.00	0.00343
-13.00	-10.00	0.00356	-11.00	-10.00	0.00371
-9.00	-10.00	0.00389	9.00	-10.00	0.00839
11.00	-10.00	0.00843	13.00	-10.00	0.00846
15.00	-10.00	0.00845	17.00	-10.00	0.00840
20.00	-10.00	0.00828	25.00	-10.00	0.00797
30.00	-10.00	0.00757	40.00	-10.00	0.00672
50.00	-10.00	0.00591	60.00	-10.00	0.00521
70.00	-10.00	0.00461	80.00	-10.00	0.00410
90.00	-10.00	0.00367	100.00	-10.00	0.00330
-100.00	0.00	0.00112	-90.00	0.00	0.00125
-80.00	0.00	0.00140	-70.00	0.00	0.00158
-60.00	0.00	0.00180	-50.00	0.00	0.00205
-40.00	0.00	0.00234	-30.00	0.00	0.00270
-25.00	0.00	0.00291	-20.00	0.00	0.00314
-17.00	0.00	0.00330	-15.00	0.00	0.00342
-13.00	0.00	0.00354	-11.00	0.00	0.00369

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-9.00	0.00	0.00387	9.00	0.00	0.00837
11.00	0.00	0.00841	13.00	0.00	0.00843
15.00	0.00	0.00842	17.00	0.00	0.00838
20.00	0.00	0.00826	25.00	0.00	0.00794
30.00	0.00	0.00755	40.00	0.00	0.00669
50.00	0.00	0.00588	60.00	0.00	0.00518
70.00	0.00	0.00458	80.00	0.00	0.00407
90.00	0.00	0.00363	100.00	0.00	0.00326
-100.00	10.00	0.00112	-90.00	10.00	0.00125
-80.00	10.00	0.00140	-70.00	10.00	0.00158
-60.00	10.00	0.00179	-50.00	10.00	0.00204
-40.00	10.00	0.00233	-30.00	10.00	0.00269
-25.00	10.00	0.00290	-20.00	10.00	0.00313
-17.00	10.00	0.00328	-15.00	10.00	0.00340
-13.00	10.00	0.00353	-11.00	10.00	0.00367
-9.00	10.00	0.00385	9.00	10.00	0.00835
11.00	10.00	0.00839	13.00	10.00	0.00841
15.00	10.00	0.00840	17.00	10.00	0.00835

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

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

10:17:45
 **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	0.00823	25.00	10.00	0.00791
30.00	10.00	0.00752	40.00	10.00	0.00666
50.00	10.00	0.00585	60.00	10.00	0.00514
70.00	10.00	0.00454	80.00	10.00	0.00403
90.00	10.00	0.00360	100.00	10.00	0.00322
-100.00	20.00	0.00112	-90.00	20.00	0.00124
-80.00	20.00	0.00139	-70.00	20.00	0.00157
-60.00	20.00	0.00178	-50.00	20.00	0.00203
-40.00	20.00	0.00232	-30.00	20.00	0.00267
-25.00	20.00	0.00288	-20.00	20.00	0.00311
-17.00	20.00	0.00327	-15.00	20.00	0.00338
-13.00	20.00	0.00351	-11.00	20.00	0.00365
-9.00	20.00	0.00383	9.00	20.00	0.00832
11.00	20.00	0.00836	13.00	20.00	0.00838
15.00	20.00	0.00837	17.00	20.00	0.00833
20.00	20.00	0.00820	25.00	20.00	0.00788

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00748	40.00	20.00	0.00662
50.00	20.00	0.00581	60.00	20.00	0.00510
70.00	20.00	0.00450	80.00	20.00	0.00399
90.00	20.00	0.00355	100.00	20.00	0.00318
-100.00	30.00	0.00111	-90.00	30.00	0.00124
-80.00	30.00	0.00139	-70.00	30.00	0.00156
-60.00	30.00	0.00177	-50.00	30.00	0.00201
-40.00	30.00	0.00231	-30.00	30.00	0.00266
-25.00	30.00	0.00286	-20.00	30.00	0.00309
-17.00	30.00	0.00325	-15.00	30.00	0.00336
-13.00	30.00	0.00349	-11.00	30.00	0.00363
-9.00	30.00	0.00381	9.00	30.00	0.00830
11.00	30.00	0.00833	13.00	30.00	0.00835
15.00	30.00	0.00834	17.00	30.00	0.00829
20.00	30.00	0.00817	25.00	30.00	0.00785
30.00	30.00	0.00745	40.00	30.00	0.00658
50.00	30.00	0.00577	60.00	30.00	0.00506
70.00	30.00	0.00446	80.00	30.00	0.00394
90.00	30.00	0.00351	100.00	30.00	0.00313
-100.00	40.00	0.00110	-90.00	40.00	0.00123
-80.00	40.00	0.00138	-70.00	40.00	0.00155
-60.00	40.00	0.00176	-50.00	40.00	0.00200
-40.00	40.00	0.00229	-30.00	40.00	0.00264
-25.00	40.00	0.00284	-20.00	40.00	0.00307

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

10:17:45
 **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	0.00322	-15.00	40.00	0.00334
-13.00	40.00	0.00346	-11.00	40.00	0.00361
-9.00	40.00	0.00379	9.00	40.00	0.00827
11.00	40.00	0.00831	13.00	40.00	0.00831
15.00	40.00	0.00830	17.00	40.00	0.00826
20.00	40.00	0.00813	25.00	40.00	0.00781
30.00	40.00	0.00740	40.00	40.00	0.00654
50.00	40.00	0.00572	60.00	40.00	0.00501
70.00	40.00	0.00441	80.00	40.00	0.00389
90.00	40.00	0.00345	100.00	40.00	0.00308

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-100.00	50.00	0.00110	-90.00	50.00	0.00122
-80.00	50.00	0.00137	-70.00	50.00	0.00154
-60.00	50.00	0.00174	-50.00	50.00	0.00198
-40.00	50.00	0.00227	-30.00	50.00	0.00262
-25.00	50.00	0.00282	-20.00	50.00	0.00304
-17.00	50.00	0.00320	-15.00	50.00	0.00331
-13.00	50.00	0.00344	-11.00	50.00	0.00358
-9.00	50.00	0.00376	9.00	50.00	0.00823
11.00	50.00	0.00826	13.00	50.00	0.00828
15.00	50.00	0.00826	17.00	50.00	0.00822
20.00	50.00	0.00809	25.00	50.00	0.00776
30.00	50.00	0.00736	40.00	50.00	0.00649
50.00	50.00	0.00567	60.00	50.00	0.00496
70.00	50.00	0.00435	80.00	50.00	0.00383
90.00	50.00	0.00339	100.00	50.00	0.00301
-100.00	60.00	0.00109	-90.00	60.00	0.00121
-80.00	60.00	0.00135	-70.00	60.00	0.00152
-60.00	60.00	0.00173	-50.00	60.00	0.00197
-40.00	60.00	0.00225	-30.00	60.00	0.00259
-25.00	60.00	0.00279	-20.00	60.00	0.00302
-17.00	60.00	0.00317	-15.00	60.00	0.00328
-13.00	60.00	0.00341	-11.00	60.00	0.00355
-9.00	60.00	0.00373	9.00	60.00	0.00818
11.00	60.00	0.00822	13.00	60.00	0.00823
15.00	60.00	0.00822	17.00	60.00	0.00817
20.00	60.00	0.00804	25.00	60.00	0.00771
30.00	60.00	0.00730	40.00	60.00	0.00643
50.00	60.00	0.00561	60.00	60.00	0.00490
70.00	60.00	0.00429	80.00	60.00	0.00377
90.00	60.00	0.00332	100.00	60.00	0.00295

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

10:17:45
 **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	0.00108	-90.00	70.00	0.00120
-80.00	70.00	0.00134	-70.00	70.00	0.00151
-60.00	70.00	0.00171	-50.00	70.00	0.00195
-40.00	70.00	0.00223	-30.00	70.00	0.00257

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-25.00	70.00	0.00277	-20.00	70.00	0.00299
-17.00	70.00	0.00314	-15.00	70.00	0.00325
-13.00	70.00	0.00337	-11.00	70.00	0.00351
-9.00	70.00	0.00369	9.00	70.00	0.00813
11.00	70.00	0.00817	13.00	70.00	0.00818
15.00	70.00	0.00817	17.00	70.00	0.00812
20.00	70.00	0.00799	25.00	70.00	0.00765
30.00	70.00	0.00725	40.00	70.00	0.00637
50.00	70.00	0.00554	60.00	70.00	0.00483
70.00	70.00	0.00421	80.00	70.00	0.00369
90.00	70.00	0.00325	100.00	70.00	0.00287
-100.00	80.00	0.00107	-90.00	80.00	0.00119
-80.00	80.00	0.00133	-70.00	80.00	0.00149
-60.00	80.00	0.00169	-50.00	80.00	0.00192
-40.00	80.00	0.00220	-30.00	80.00	0.00254
-25.00	80.00	0.00273	-20.00	80.00	0.00295
-17.00	80.00	0.00310	-15.00	80.00	0.00321
-13.00	80.00	0.00333	-11.00	80.00	0.00347
-9.00	80.00	0.00365	9.00	80.00	0.00808
11.00	80.00	0.00811	13.00	80.00	0.00813
15.00	80.00	0.00811	17.00	80.00	0.00806
20.00	80.00	0.00792	25.00	80.00	0.00759
30.00	80.00	0.00718	40.00	80.00	0.00630
50.00	80.00	0.00547	60.00	80.00	0.00475
70.00	80.00	0.00413	80.00	80.00	0.00361
90.00	80.00	0.00316	100.00	80.00	0.00278
-100.00	90.00	0.00106	-90.00	90.00	0.00117
-80.00	90.00	0.00131	-70.00	90.00	0.00147
-60.00	90.00	0.00167	-50.00	90.00	0.00190
-40.00	90.00	0.00218	-30.00	90.00	0.00251
-25.00	90.00	0.00270	-20.00	90.00	0.00292
-17.00	90.00	0.00306	-15.00	90.00	0.00317
-13.00	90.00	0.00329	-11.00	90.00	0.00343
-9.00	90.00	0.00360	9.00	90.00	0.00802
11.00	90.00	0.00805	13.00	90.00	0.00806
15.00	90.00	0.00804	17.00	90.00	0.00799

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

10:17:45
 **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 ***

05NCRA PL97-300 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	0.00785	25.00	90.00	0.00752
30.00	90.00	0.00710	40.00	90.00	0.00621
50.00	90.00	0.00538	60.00	90.00	0.00466
70.00	90.00	0.00404	80.00	90.00	0.00351
90.00	90.00	0.00306	100.00	90.00	0.00268
-100.00	100.00	0.00104	-90.00	100.00	0.00116
-80.00	100.00	0.00129	-70.00	100.00	0.00145
-60.00	100.00	0.00164	-50.00	100.00	0.00187
-40.00	100.00	0.00215	-30.00	100.00	0.00247
-25.00	100.00	0.00266	-20.00	100.00	0.00287
-17.00	100.00	0.00302	-15.00	100.00	0.00313
-13.00	100.00	0.00325	-11.00	100.00	0.00338
-9.00	100.00	0.00355	9.00	100.00	0.00795
11.00	100.00	0.00798	13.00	100.00	0.00799
15.00	100.00	0.00797	17.00	100.00	0.00791
20.00	100.00	0.00777	25.00	100.00	0.00743
30.00	100.00	0.00701	40.00	100.00	0.00612
50.00	100.00	0.00528	60.00	100.00	0.00455
70.00	100.00	0.00392	80.00	100.00	0.00339
90.00	100.00	0.00295	100.00	100.00	0.00257
-100.00	110.00	0.00103	-90.00	110.00	0.00114
-80.00	110.00	0.00127	-70.00	110.00	0.00143
-60.00	110.00	0.00162	-50.00	110.00	0.00184
-40.00	110.00	0.00211	-30.00	110.00	0.00243
-25.00	110.00	0.00262	-20.00	110.00	0.00283
-17.00	110.00	0.00297	-15.00	110.00	0.00308
-13.00	110.00	0.00319	-11.00	110.00	0.00333
-9.00	110.00	0.00349	9.00	110.00	0.00787
11.00	110.00	0.00789	13.00	110.00	0.00790
15.00	110.00	0.00788	17.00	110.00	0.00782
20.00	110.00	0.00768	25.00	110.00	0.00733
30.00	110.00	0.00691	40.00	110.00	0.00600
50.00	110.00	0.00516	60.00	110.00	0.00442
70.00	110.00	0.00379	80.00	110.00	0.00326
90.00	110.00	0.00281	100.00	110.00	0.00244
-100.00	120.00	0.00102	-90.00	120.00	0.00113
-80.00	120.00	0.00125	-70.00	120.00	0.00141
-60.00	120.00	0.00159	-50.00	120.00	0.00181
-40.00	120.00	0.00207	-30.00	120.00	0.00239
-25.00	120.00	0.00257	-20.00	120.00	0.00278

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

*** NCRA Cumulative DPM Impacts

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

10:17:45

**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	0.00292	-15.00	120.00	0.00302
-13.00	120.00	0.00313	-11.00	120.00	0.00326
-9.00	120.00	0.00342	9.00	120.00	0.00778
11.00	120.00	0.00780	13.00	120.00	0.00780
15.00	120.00	0.00777	17.00	120.00	0.00771
20.00	120.00	0.00756	25.00	120.00	0.00721
30.00	120.00	0.00678	40.00	120.00	0.00587
50.00	120.00	0.00502	60.00	120.00	0.00427
70.00	120.00	0.00364	80.00	120.00	0.00311
90.00	120.00	0.00266	100.00	120.00	0.00229
-100.00	130.00	0.00100	-90.00	130.00	0.00111
-80.00	130.00	0.00123	-70.00	130.00	0.00138
-60.00	130.00	0.00156	-50.00	130.00	0.00177
-40.00	130.00	0.00203	-30.00	130.00	0.00234
-25.00	130.00	0.00252	-20.00	130.00	0.00272
-17.00	130.00	0.00285	-15.00	130.00	0.00295
-13.00	130.00	0.00306	-11.00	130.00	0.00319
-9.00	130.00	0.00336	9.00	130.00	0.00767
11.00	130.00	0.00769	13.00	130.00	0.00768
15.00	130.00	0.00764	17.00	130.00	0.00758
20.00	130.00	0.00743	25.00	130.00	0.00707
30.00	130.00	0.00663	40.00	130.00	0.00571
50.00	130.00	0.00485	60.00	130.00	0.00410
70.00	130.00	0.00346	80.00	130.00	0.00293
90.00	130.00	0.00249	100.00	130.00	0.00213
-100.00	140.00	0.00099	-90.00	140.00	0.00109
-80.00	140.00	0.00121	-70.00	140.00	0.00135
-60.00	140.00	0.00153	-50.00	140.00	0.00173
-40.00	140.00	0.00199	-30.00	140.00	0.00228
-25.00	140.00	0.00246	-20.00	140.00	0.00265
-17.00	140.00	0.00278	-15.00	140.00	0.00288
-13.00	140.00	0.00298	-11.00	140.00	0.00311
-9.00	140.00	0.00327	9.00	140.00	0.00753
11.00	140.00	0.00754	13.00	140.00	0.00753
15.00	140.00	0.00749	17.00	140.00	0.00743
20.00	140.00	0.00727	25.00	140.00	0.00689

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

30.00	140.00	0.00645	40.00	140.00	0.00551
50.00	140.00	0.00464	60.00	140.00	0.00388
70.00	140.00	0.00325	80.00	140.00	0.00272
90.00	140.00	0.00230	100.00	140.00	0.00195

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

10:17:45
 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00097	-90.00	150.00	0.00107
-80.00	150.00	0.00119	-70.00	150.00	0.00133
-60.00	150.00	0.00149	-50.00	150.00	0.00169
-40.00	150.00	0.00193	-30.00	150.00	0.00222
-25.00	150.00	0.00239	-20.00	150.00	0.00257
-17.00	150.00	0.00270	-15.00	150.00	0.00279
-13.00	150.00	0.00289	-11.00	150.00	0.00301
-9.00	150.00	0.00316	9.00	150.00	0.00736
11.00	150.00	0.00736	13.00	150.00	0.00735
15.00	150.00	0.00730	17.00	150.00	0.00723
20.00	150.00	0.00706	25.00	150.00	0.00668
30.00	150.00	0.00622	40.00	150.00	0.00527
50.00	150.00	0.00438	60.00	150.00	0.00362
70.00	150.00	0.00299	80.00	150.00	0.00248
90.00	150.00	0.00208	100.00	150.00	0.00175
-100.00	160.00	0.00095	-90.00	160.00	0.00105
-80.00	160.00	0.00116	-70.00	160.00	0.00130
-60.00	160.00	0.00146	-50.00	160.00	0.00165
-40.00	160.00	0.00188	-30.00	160.00	0.00215
-25.00	160.00	0.00231	-20.00	160.00	0.00249
-17.00	160.00	0.00260	-15.00	160.00	0.00269
-13.00	160.00	0.00279	-11.00	160.00	0.00290
-9.00	160.00	0.00304	9.00	160.00	0.00715
11.00	160.00	0.00714	13.00	160.00	0.00712
15.00	160.00	0.00707	17.00	160.00	0.00699
20.00	160.00	0.00681	25.00	160.00	0.00641
30.00	160.00	0.00594	40.00	160.00	0.00496
50.00	160.00	0.00405	60.00	160.00	0.00330
70.00	160.00	0.00269	80.00	160.00	0.00221
90.00	160.00	0.00183	100.00	160.00	0.00154

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-100.00	170.00	0.00093	-90.00	170.00	0.00102
-80.00	170.00	0.00113	-70.00	170.00	0.00126
-60.00	170.00	0.00142	-50.00	170.00	0.00160
-40.00	170.00	0.00181	-30.00	170.00	0.00207
-25.00	170.00	0.00222	-20.00	170.00	0.00239
-17.00	170.00	0.00250	-15.00	170.00	0.00258
-13.00	170.00	0.00267	-11.00	170.00	0.00277
-9.00	170.00	0.00290	9.00	170.00	0.00689
11.00	170.00	0.00687	13.00	170.00	0.00684
15.00	170.00	0.00677	17.00	170.00	0.00668

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

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

10:17:45

**MODELOPTs:
 PAGE 139

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00648	25.00	170.00	0.00606
30.00	170.00	0.00557	40.00	170.00	0.00455
50.00	170.00	0.00365	60.00	170.00	0.00292
70.00	170.00	0.00235	80.00	170.00	0.00191
90.00	170.00	0.00158	100.00	170.00	0.00133
-100.00	180.00	0.00090	-90.00	180.00	0.00100
-80.00	180.00	0.00110	-70.00	180.00	0.00123
-60.00	180.00	0.00138	-50.00	180.00	0.00155
-40.00	180.00	0.00175	-30.00	180.00	0.00199
-25.00	180.00	0.00213	-20.00	180.00	0.00228
-17.00	180.00	0.00238	-15.00	180.00	0.00245
-13.00	180.00	0.00253	-11.00	180.00	0.00263
-9.00	180.00	0.00275	9.00	180.00	0.00655
11.00	180.00	0.00651	13.00	180.00	0.00646
15.00	180.00	0.00638	17.00	180.00	0.00627
20.00	180.00	0.00605	25.00	180.00	0.00559
30.00	180.00	0.00507	40.00	180.00	0.00403
50.00	180.00	0.00315	60.00	180.00	0.00247
70.00	180.00	0.00197	80.00	180.00	0.00160
90.00	180.00	0.00133	100.00	180.00	0.00112
-100.00	190.00	0.00088	-90.00	190.00	0.00096
-80.00	190.00	0.00107	-70.00	190.00	0.00119
-60.00	190.00	0.00133	-50.00	190.00	0.00150
-40.00	190.00	0.00169	-30.00	190.00	0.00190

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

-25.00	190.00	0.00202	-20.00	190.00	0.00215
-17.00	190.00	0.00224	-15.00	190.00	0.00231
-13.00	190.00	0.00238	-11.00	190.00	0.00246
-9.00	190.00	0.00257	9.00	190.00	0.00610
11.00	190.00	0.00604	13.00	190.00	0.00596
15.00	190.00	0.00585	17.00	190.00	0.00571
20.00	190.00	0.00545	25.00	190.00	0.00493
30.00	190.00	0.00437	40.00	190.00	0.00334
50.00	190.00	0.00255	60.00	190.00	0.00198
70.00	190.00	0.00159	80.00	190.00	0.00130
90.00	190.00	0.00109	100.00	190.00	0.00093
-100.00	200.00	0.00085	-90.00	200.00	0.00093
-80.00	200.00	0.00103	-70.00	200.00	0.00114
-60.00	200.00	0.00128	-50.00	200.00	0.00144
-40.00	200.00	0.00161	-30.00	200.00	0.00182
-25.00	200.00	0.00192	-20.00	200.00	0.00203

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

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

10:17:45
 **MODELOPTs:
 PAGE 140

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00210	-15.00	200.00	0.00215
-13.00	200.00	0.00221	-11.00	200.00	0.00228
-9.00	200.00	0.00236	9.00	200.00	0.00547
11.00	200.00	0.00535	13.00	200.00	0.00521
15.00	200.00	0.00505	17.00	200.00	0.00487
20.00	200.00	0.00455	25.00	200.00	0.00397
30.00	200.00	0.00342	40.00	200.00	0.00253
50.00	200.00	0.00192	60.00	200.00	0.00151
70.00	200.00	0.00123	80.00	200.00	0.00102
90.00	200.00	0.00087	100.00	200.00	0.00075
-100.00	210.00	0.00081	-90.00	210.00	0.00089
-80.00	210.00	0.00098	-70.00	210.00	0.00109
-60.00	210.00	0.00122	-50.00	210.00	0.00136
-40.00	210.00	0.00153	-30.00	210.00	0.00172
-25.00	210.00	0.00181	-20.00	210.00	0.00191
-17.00	210.00	0.00197	-15.00	210.00	0.00201
-13.00	210.00	0.00204	-11.00	210.00	0.00209
-9.00	210.00	0.00215	9.00	210.00	0.00445

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

11.00	210.00	0.00421	13.00	210.00	0.00398
15.00	210.00	0.00375	17.00	210.00	0.00351
20.00	210.00	0.00317	25.00	210.00	0.00267
30.00	210.00	0.00227	40.00	210.00	0.00171
50.00	210.00	0.00134	60.00	210.00	0.00109
70.00	210.00	0.00091	80.00	210.00	0.00077
90.00	210.00	0.00067	100.00	210.00	0.00059
-100.00	220.00	0.00078	-90.00	220.00	0.00085
-80.00	220.00	0.00093	-70.00	220.00	0.00103
-60.00	220.00	0.00114	-50.00	220.00	0.00128
-40.00	220.00	0.00143	-30.00	220.00	0.00160
-25.00	220.00	0.00168	-20.00	220.00	0.00177
-17.00	220.00	0.00182	-15.00	220.00	0.00185
-13.00	220.00	0.00187	-11.00	220.00	0.00190
-9.00	220.00	0.00193	9.00	220.00	0.00234
11.00	220.00	0.00210	13.00	220.00	0.00193
15.00	220.00	0.00181	17.00	220.00	0.00171
20.00	220.00	0.00158	25.00	220.00	0.00141
30.00	220.00	0.00126	40.00	220.00	0.00104
50.00	220.00	0.00088	60.00	220.00	0.00075
70.00	220.00	0.00065	80.00	220.00	0.00058
90.00	220.00	0.00052	100.00	220.00	0.00046

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

04/20/08

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

10:17:45

**MODELOPTs:

PAGE 141

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	0.00074	-90.00	230.00	0.00080
-80.00	230.00	0.00088	-70.00	230.00	0.00096
-60.00	230.00	0.00106	-50.00	230.00	0.00117
-40.00	230.00	0.00130	-30.00	230.00	0.00143
-25.00	230.00	0.00149	-20.00	230.00	0.00154
-17.00	230.00	0.00156	-15.00	230.00	0.00157
-13.00	230.00	0.00156	-11.00	230.00	0.00155
-9.00	230.00	0.00151	9.00	230.00	0.00075
11.00	230.00	0.00074	13.00	230.00	0.00074
15.00	230.00	0.00074	17.00	230.00	0.00073
20.00	230.00	0.00073	25.00	230.00	0.00071
30.00	230.00	0.00069	40.00	230.00	0.00063

05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00058	60.00	230.00	0.00052
70.00	230.00	0.00048	80.00	230.00	0.00044
90.00	230.00	0.00040	100.00	230.00	0.00037
-100.00	240.00	0.00070	-90.00	240.00	0.00075
-80.00	240.00	0.00081	-70.00	240.00	0.00088
-60.00	240.00	0.00096	-50.00	240.00	0.00104
-40.00	240.00	0.00113	-30.00	240.00	0.00120
-25.00	240.00	0.00122	-20.00	240.00	0.00122
-17.00	240.00	0.00119	-15.00	240.00	0.00116
-13.00	240.00	0.00112	-11.00	240.00	0.00106
-9.00	240.00	0.00100	9.00	240.00	0.00053
11.00	240.00	0.00052	13.00	240.00	0.00051
15.00	240.00	0.00051	17.00	240.00	0.00050
20.00	240.00	0.00049	25.00	240.00	0.00048
30.00	240.00	0.00047	40.00	240.00	0.00044
50.00	240.00	0.00041	60.00	240.00	0.00039
70.00	240.00	0.00036	80.00	240.00	0.00034
90.00	240.00	0.00032	100.00	240.00	0.00030
-100.00	250.00	0.00065	-90.00	250.00	0.00069
-80.00	250.00	0.00074	-70.00	250.00	0.00079
-60.00	250.00	0.00085	-50.00	250.00	0.00090
-40.00	250.00	0.00095	-30.00	250.00	0.00097
-25.00	250.00	0.00094	-20.00	250.00	0.00090
-17.00	250.00	0.00086	-15.00	250.00	0.00082
-13.00	250.00	0.00078	-11.00	250.00	0.00074
-9.00	250.00	0.00070	9.00	250.00	0.00042
11.00	250.00	0.00041	13.00	250.00	0.00040
15.00	250.00	0.00040	17.00	250.00	0.00039

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 10:17:45
 MODELOPTs: * 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	250.00	0.00038	25.00	250.00	0.00037
30.00	250.00	0.00036	40.00	250.00	0.00034
50.00	250.00	0.00032	60.00	250.00	0.00031
70.00	250.00	0.00029	80.00	250.00	0.00027
90.00	250.00	0.00026	100.00	250.00	0.00025

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

04/20/08

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

10:17:45

**MODELOPTs:
PAGE 143

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	0.00685 AT (11.00, 150.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00684 AT (13.00, 150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00684 AT (9.00, 150.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00681 AT (11.00, 140.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00681 AT (15.00, 150.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00680 AT (13.00, 140.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00679 AT (9.00, 140.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00677 AT (15.00, 140.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00674 AT (11.00, 160.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00674 AT (17.00, 150.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00685 AT (11.00, 60.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00684 AT (13.00, 60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00684 AT (9.00, 60.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00681 AT (11.00, 50.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00681 AT (15.00, 60.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00680 AT (13.00, 50.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00679 AT (9.00, 50.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00677 AT (15.00, 50.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00674 AT (11.00, 70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00674 AT (17.00, 60.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00685 AT (11.00, -30.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00684 AT (13.00, -30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00684 AT (9.00, -30.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00681 AT (11.00, -40.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00681 AT (15.00, -30.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00680 AT (13.00, -40.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00679 AT (9.00, -40.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00677 AT (15.00, -40.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00674 AT (11.00, -20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00674 AT (17.00, -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

10:17:45

**MODELOPTs:
PAGE 144

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	0.00685 AT (11.00, -120.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00684 AT (13.00, -120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00684 AT (9.00, -120.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00681 AT (11.00, -130.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00681 AT (15.00, -120.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00680 AT (13.00, -130.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00679 AT (9.00, -130.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00677 AT (15.00, -130.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00674 AT (11.00, -110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00674 AT (17.00, -120.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00685 AT (11.00, -210.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00684 AT (13.00, -210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00684 AT (9.00, -210.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00681 AT (11.00, -220.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00681 AT (15.00, -210.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00680 AT (13.00, -220.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00679 AT (9.00, -220.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00677 AT (15.00, -220.00, 0.00, 1.20)	DC	NA

		05NCRA_PL97-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00674	AT (	11.00,	-200.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00674	AT (	17.00,	-210.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00857	AT (	13.00,	-110.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00856	AT (	13.00,	-120.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00856	AT (	13.00,	-100.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00856	AT (	13.00,	-130.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00856	AT (	15.00,	-110.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00856	AT (	15.00,	-120.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00856	AT (	15.00,	-130.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00856	AT (	15.00,	-100.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00856	AT (	13.00,	-90.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00855	AT (	13.00,	-140.00,	0.00,	1.20)	DC	NA

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

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

04/20/08

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

10:17:45

**MODELOPTs:
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 5 Informational Message(s)
 A Total of 5 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
