

ISCST3x VERSION 4.4.3
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Run Began on 4/18/2008 at 18:38:57

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA_SR03-300_DPM_TRAV_ANN_N-S
Bound.dat
** Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA_S1 AREA -4.5 135.0 0

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

SO LOCATION NCRA_S2 AREA -4.5 45.0 0

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

SO LOCATION NCRA_S3 AREA -4.5 -45.0 0

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

SO LOCATION NCRA_S4 AREA -4.5 -135.0 0

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

SO LOCATION NCRA_S5 AREA -4.5 -225.0 0

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

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

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

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

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

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

SO SRCGROUP NCRA_S1 NCRA_S1

SO SRCGROUP NCRA_S2 NCRA_S2

SO SRCGROUP NCRA_S3 NCRA_S3

SO SRCGROUP NCRA_S4 NCRA_S4

SO SRCGROUP NCRA_S5 NCRA_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
RE DISCCART	-11.0	-250.0	1.2
RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
RE DISCCART	17.0	-250.0	1.2
RE DISCCART	20.0	-250.0	1.2
RE DISCCART	25.0	-250.0	1.2
RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
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RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
RE DISCCART	-100.0	-240.0	1.2
RE DISCCART	-90.0	-240.0	1.2
RE DISCCART	-80.0	-240.0	1.2
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RE DISCCART	-50.0	-240.0	1.2
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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
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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
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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
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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
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RE DISCCART	25.0	-230.0	1.2
RE DISCCART	30.0	-230.0	1.2
RE DISCCART	40.0	-230.0	1.2
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RE DISCCART	80.0	-230.0	1.2

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RE DISCCART	-90.0	-220.0	1.2
RE DISCCART	-80.0	-220.0	1.2
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RE DISCCART	9.0	-220.0	1.2
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RE DISCCART	13.0	-220.0	1.2
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RE DISCCART	-70.0	-210.0	1.2
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RE DISCCART	-17.0	-210.0	1.2
RE DISCCART	-15.0	-210.0	1.2

RE DISCCART	-13.0	-210.0	1.2
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RE DISCCART	-9.0	-210.0	1.2
RE DISCCART	9.0	-210.0	1.2
RE DISCCART	11.0	-210.0	1.2
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RE DISCCART	60.0	-200.0	1.2

RE DISCCART	70.0	-200.0	1.2
RE DISCCART	80.0	-200.0	1.2
RE DISCCART	90.0	-200.0	1.2
RE DISCCART	100.0	-200.0	1.2
RE DISCCART	-100.0	-190.0	1.2
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RE DISCCART	-20.0	-190.0	1.2
RE DISCCART	-17.0	-190.0	1.2
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RE DISCCART	-13.0	-190.0	1.2
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RE DISCCART	-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
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RE DISCCART	-17.0	-170.0	1.2
RE DISCCART	-15.0	-170.0	1.2
RE DISCCART	-13.0	-170.0	1.2
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RE DISCCART	9.0	-170.0	1.2
RE DISCCART	11.0	-170.0	1.2
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RE DISCCART	70.0	-160.0	1.2
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RE DISCCART	-17.0	-140.0	1.2
RE DISCCART	-15.0	-140.0	1.2
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RE DISCCART	9.0	-140.0	1.2
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RE DISCCART	17.0	-140.0	1.2
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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
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RE DISCCART	-100.0	-130.0	1.2
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RE DISCCART	-15.0	-130.0	1.2
RE DISCCART	-13.0	-130.0	1.2
RE DISCCART	-11.0	-130.0	1.2
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RE DISCCART	30.0	-130.0	1.2
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RE DISCCART	-11.0	160.0	1.2
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RE DISCCART	9.0	160.0	1.2
RE DISCCART	11.0	160.0	1.2
RE DISCCART	13.0	160.0	1.2
RE DISCCART	15.0	160.0	1.2
RE DISCCART	17.0	160.0	1.2
RE DISCCART	20.0	160.0	1.2
RE DISCCART	25.0	160.0	1.2
RE DISCCART	30.0	160.0	1.2
RE DISCCART	40.0	160.0	1.2
RE DISCCART	50.0	160.0	1.2
RE DISCCART	60.0	160.0	1.2
RE DISCCART	70.0	160.0	1.2
RE DISCCART	80.0	160.0	1.2
RE DISCCART	90.0	160.0	1.2
RE DISCCART	100.0	160.0	1.2
RE DISCCART	-100.0	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
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RE DISCCART	-9.0	170.0	1.2
RE DISCCART	9.0	170.0	1.2

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

RE DISCCART	-100.0	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
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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
RE DISCCART	13.0	190.0	1.2
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RE DISCCART	17.0	190.0	1.2
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RE DISCCART	30.0	190.0	1.2
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RE DISCCART	60.0	190.0	1.2
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RE DISCCART	80.0	190.0	1.2
RE DISCCART	90.0	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	-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	30.0	200.0	1.2
RE DISCCART	40.0	200.0	1.2
RE DISCCART	50.0	200.0	1.2
RE DISCCART	60.0	200.0	1.2
RE DISCCART	70.0	200.0	1.2
RE DISCCART	80.0	200.0	1.2
RE DISCCART	90.0	200.0	1.2
RE DISCCART	100.0	200.0	1.2
RE DISCCART	-100.0	210.0	1.2
RE DISCCART	-90.0	210.0	1.2
RE DISCCART	-80.0	210.0	1.2
RE DISCCART	-70.0	210.0	1.2
RE DISCCART	-60.0	210.0	1.2
RE DISCCART	-50.0	210.0	1.2
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
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RE DISCCART	20.0	210.0	1.2
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RE DISCCART	30.0	210.0	1.2
RE DISCCART	40.0	210.0	1.2
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RE DISCCART	60.0	210.0	1.2
RE DISCCART	70.0	210.0	1.2
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RE DISCCART	-13.0	220.0	1.2
RE DISCCART	-11.0	220.0	1.2
RE DISCCART	-9.0	220.0	1.2
RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
RE DISCCART	13.0	220.0	1.2
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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
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RE DISCCART	-90.0	230.0	1.2
RE DISCCART	-80.0	230.0	1.2
RE DISCCART	-70.0	230.0	1.2
RE DISCCART	-60.0	230.0	1.2
RE DISCCART	-50.0	230.0	1.2
RE DISCCART	-40.0	230.0	1.2
RE DISCCART	-30.0	230.0	1.2
RE DISCCART	-25.0	230.0	1.2
RE DISCCART	-20.0	230.0	1.2
RE DISCCART	-17.0	230.0	1.2
RE DISCCART	-15.0	230.0	1.2

RE DISCCART	-13.0	230.0	1.2
RE DISCCART	-11.0	230.0	1.2
RE DISCCART	-9.0	230.0	1.2
RE DISCCART	9.0	230.0	1.2
RE DISCCART	11.0	230.0	1.2
RE DISCCART	13.0	230.0	1.2
RE DISCCART	15.0	230.0	1.2
RE DISCCART	17.0	230.0	1.2
RE DISCCART	20.0	230.0	1.2
RE DISCCART	25.0	230.0	1.2
RE DISCCART	30.0	230.0	1.2
RE DISCCART	40.0	230.0	1.2
RE DISCCART	50.0	230.0	1.2
RE DISCCART	60.0	230.0	1.2
RE DISCCART	70.0	230.0	1.2
RE DISCCART	80.0	230.0	1.2
RE DISCCART	90.0	230.0	1.2
RE DISCCART	100.0	230.0	1.2
RE DISCCART	-100.0	240.0	1.2
RE DISCCART	-90.0	240.0	1.2
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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\Santa Rosa\ros03300.asc"

ME ANEMHGT 10 METERS

ME SURFDATA 9902 2003

ME UAIRDATA 9902 2003

ME STARTEND 2003 01 01 1 2003 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0
** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound.lst"
** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA_SR03-300_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 ***
04/18/08 *** Maximum train overlap at North/South Bound Direction ***
18:38:57
**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\SANTAR-1\08NCRA-1.DAT

**Output Print File:

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
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 MODELOPTs: * Maximum train overlap at North/South Bound Direction ***
 PAGE 2
 CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY ID BY	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-4.5	135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S2	0	0.21100E-07	-4.5	45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S3	0	0.21100E-07	-4.5	-45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S4	0	0.21100E-07	-4.5	-135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S5	0	0.21100E-07	-4.5	-225.0	0.0	4.95	9.00	90.00	0.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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 CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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 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);
(-40.0, -250.0, 0.0, 1.2);	(-30.0, -250.0, 0.0, 1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCAST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

*** 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);
(15.0, -200.0, 0.0, 1.2);	(17.0, -200.0, 0.0, 1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** 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);
(-80.0, -170.0, 0.0, 1.2);	(-70.0, -170.0, 0.0, 1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(-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 ***
 04/18/08

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

(-100.0, -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);
(11.0, -150.0, 0.0, 1.2);	(13.0, -150.0, 0.0, 1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** 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);
(-100.0, -120.0, 0.0, 1.2);	(-90.0, -120.0, 0.0, 1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(-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 ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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);
(-9.0, -100.0, 0.0, 1.2);	(9.0, -100.0, 0.0, 1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

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

04/18/08

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

18:38:57

**MODELOPTs:
PAGE 10

CONC URBAN FLAT FLGPOL DFAULT

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08

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

18:38:57

**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);
(-17.0, -20.0, 0.0, 1.2); (-15.0, -20.0, 0.0, 1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(-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 ***
 04/18/08

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

18:38:57

**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);
(50.0,	0.0,	0.0,	1.2);	(60.0,	0.0,	0.0,	1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

18:38:57

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

18:38:57

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(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 ***
 04/18/08

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

(-100.0,	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);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(-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);

1 *** ISCAST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

*** 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);
(15.0, 130.0, 0.0, 1.2);	(17.0, 130.0, 0.0, 1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(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 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

18:38:57

**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);
(-80.0,	160.0,	0.0,	1.2);	(-70.0,	160.0,	0.0,	1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(-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 ***
 04/18/08

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

(-100.0, 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);
(11.0, 180.0, 0.0, 1.2);	(13.0, 180.0, 0.0, 1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(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 *** ICSST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** 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);
(-100.0, 210.0, 0.0, 1.2);	(-90.0, 210.0, 0.0, 1.2);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(-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 ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

(-100.0, 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);

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

(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 ***
 04/18/08

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

08NCRA SR03-300_DPM_TRAV_ANN_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M)	URBAN	RURAL	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
03	01	01	01	140.8	1.39	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	02	179.4	1.12	277.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	03	119.8	1.12	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	04	155.3	1.00	276.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	05	284.4	1.12	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	06	298.3	1.00	276.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	07	306.8	1.25	276.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	08	87.1	1.00	275.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	09	186.7	1.00	276.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	10	159.1	1.03	277.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	11	81.8	1.00	278.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	12	138.4	1.00	279.9	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	13	129.3	1.12	281.5	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	14	161.0	1.74	282.7	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	15	179.4	1.07	284.2	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	16	51.7	1.00	284.5	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	17	155.0	1.16	284.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	18	120.2	1.39	282.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	19	321.3	1.12	281.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	20	159.0	1.39	280.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	21	311.1	1.30	280.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	22	184.3	1.16	280.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	23	189.6	1.56	280.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
03	01	01	24	147.2	1.43	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	

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

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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

04/18/08

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

18:38:57

**MODELOPTs:

PAGE 23

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound					
-60.00	-240.00	0.00005	-50.00	-240.00	0.00005
-40.00	-240.00	0.00005	-30.00	-240.00	0.00005
-25.00	-240.00	0.00005	-20.00	-240.00	0.00005
-17.00	-240.00	0.00005	-15.00	-240.00	0.00005
-13.00	-240.00	0.00005	-11.00	-240.00	0.00005
-9.00	-240.00	0.00005	9.00	-240.00	0.00005
11.00	-240.00	0.00005	13.00	-240.00	0.00005
15.00	-240.00	0.00005	17.00	-240.00	0.00005
20.00	-240.00	0.00006	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	0.00006	80.00	-240.00	0.00007
90.00	-240.00	0.00007	100.00	-240.00	0.00007
-100.00	-230.00	0.00004	-90.00	-230.00	0.00004
-80.00	-230.00	0.00004	-70.00	-230.00	0.00004
-60.00	-230.00	0.00005	-50.00	-230.00	0.00005
-40.00	-230.00	0.00005	-30.00	-230.00	0.00005
-25.00	-230.00	0.00005	-20.00	-230.00	0.00005
-17.00	-230.00	0.00005	-15.00	-230.00	0.00005
-13.00	-230.00	0.00005	-11.00	-230.00	0.00005
-9.00	-230.00	0.00005	9.00	-230.00	0.00006
11.00	-230.00	0.00006	13.00	-230.00	0.00006
15.00	-230.00	0.00006	17.00	-230.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
 PAGE 24
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-13.00	-220.00	0.00006	-11.00	-220.00	0.00006	
-9.00	-220.00	0.00006	9.00	-220.00	0.00006	
11.00	-220.00	0.00006	13.00	-220.00	0.00006	
15.00	-220.00	0.00006	17.00	-220.00	0.00006	
20.00	-220.00	0.00006	25.00	-220.00	0.00006	
30.00	-220.00	0.00006	40.00	-220.00	0.00006	
50.00	-220.00	0.00007	60.00	-220.00	0.00007	
70.00	-220.00	0.00007	80.00	-220.00	0.00007	
90.00	-220.00	0.00008	100.00	-220.00	0.00008	
-100.00	-210.00	0.00004	-90.00	-210.00	0.00004	
-80.00	-210.00	0.00005	-70.00	-210.00	0.00005	
-60.00	-210.00	0.00005	-50.00	-210.00	0.00005	
-40.00	-210.00	0.00005	-30.00	-210.00	0.00006	
-25.00	-210.00	0.00006	-20.00	-210.00	0.00006	
-17.00	-210.00	0.00006	-15.00	-210.00	0.00006	
-13.00	-210.00	0.00006	-11.00	-210.00	0.00006	
-9.00	-210.00	0.00006	9.00	-210.00	0.00006	
11.00	-210.00	0.00006	13.00	-210.00	0.00006	
15.00	-210.00	0.00006	17.00	-210.00	0.00006	
20.00	-210.00	0.00006	25.00	-210.00	0.00006	
30.00	-210.00	0.00007	40.00	-210.00	0.00007	
50.00	-210.00	0.00007	60.00	-210.00	0.00007	
70.00	-210.00	0.00007	80.00	-210.00	0.00008	
90.00	-210.00	0.00008	100.00	-210.00	0.00008	
-100.00	-200.00	0.00004	-90.00	-200.00	0.00005	
-80.00	-200.00	0.00005	-70.00	-200.00	0.00005	
-60.00	-200.00	0.00005	-50.00	-200.00	0.00005	
-40.00	-200.00	0.00006	-30.00	-200.00	0.00006	
-25.00	-200.00	0.00006	-20.00	-200.00	0.00006	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00009	25.00	-150.00	0.00009	
30.00	-150.00	0.00009	40.00	-150.00	0.00009	
50.00	-150.00	0.00010	60.00	-150.00	0.00010	
70.00	-150.00	0.00011	80.00	-150.00	0.00011	
90.00	-150.00	0.00011	100.00	-150.00	0.00011	
-100.00	-140.00	0.00005	-90.00	-140.00	0.00006	
-80.00	-140.00	0.00006	-70.00	-140.00	0.00006	
-60.00	-140.00	0.00007	-50.00	-140.00	0.00007	
-40.00	-140.00	0.00008	-30.00	-140.00	0.00008	
-25.00	-140.00	0.00008	-20.00	-140.00	0.00008	
-17.00	-140.00	0.00008	-15.00	-140.00	0.00008	
-13.00	-140.00	0.00008	-11.00	-140.00	0.00008	
-9.00	-140.00	0.00008	9.00	-140.00	0.00009	
11.00	-140.00	0.00009	13.00	-140.00	0.00009	
15.00	-140.00	0.00009	17.00	-140.00	0.00009	
20.00	-140.00	0.00009	25.00	-140.00	0.00009	
30.00	-140.00	0.00010	40.00	-140.00	0.00010	
50.00	-140.00	0.00010	60.00	-140.00	0.00011	
70.00	-140.00	0.00011	80.00	-140.00	0.00012	
90.00	-140.00	0.00012	100.00	-140.00	0.00012	
-100.00	-130.00	0.00006	-90.00	-130.00	0.00006	
-80.00	-130.00	0.00006	-70.00	-130.00	0.00007	
-60.00	-130.00	0.00007	-50.00	-130.00	0.00008	
-40.00	-130.00	0.00008	-30.00	-130.00	0.00008	
-25.00	-130.00	0.00009	-20.00	-130.00	0.00009	
-17.00	-130.00	0.00009	-15.00	-130.00	0.00009	
-13.00	-130.00	0.00009	-11.00	-130.00	0.00009	
-9.00	-130.00	0.00009	9.00	-130.00	0.00009	
11.00	-130.00	0.00010	13.00	-130.00	0.00010	
15.00	-130.00	0.00010	17.00	-130.00	0.00010	
20.00	-130.00	0.00010	25.00	-130.00	0.00010	
30.00	-130.00	0.00010	40.00	-130.00	0.00011	
50.00	-130.00	0.00011	60.00	-130.00	0.00012	
70.00	-130.00	0.00012	80.00	-130.00	0.00012	
90.00	-130.00	0.00013	100.00	-130.00	0.00013	
-100.00	-120.00	0.00006	-90.00	-120.00	0.00006	
-80.00	-120.00	0.00007	-70.00	-120.00	0.00007	

-60.00	-120.00	08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound	0.00008	-50.00	-120.00	0.00008
-40.00	-120.00		0.00008	-30.00	-120.00	0.00009
-25.00	-120.00		0.00009	-20.00	-120.00	0.00009

1 *** ISCST3 - VERSION 02035 *** 04/18/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-13.00	-100.00	0.00011	-11.00	-100.00	0.00011	
-9.00	-100.00	0.00011	9.00	-100.00	0.00011	
11.00	-100.00	0.00012	13.00	-100.00	0.00012	
15.00	-100.00	0.00012	17.00	-100.00	0.00012	
20.00	-100.00	0.00012	25.00	-100.00	0.00012	
30.00	-100.00	0.00013	40.00	-100.00	0.00013	
50.00	-100.00	0.00014	60.00	-100.00	0.00014	
70.00	-100.00	0.00015	80.00	-100.00	0.00015	
90.00	-100.00	0.00016	100.00	-100.00	0.00016	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
20.00	-80.00	0.00014	25.00	-80.00	0.00014	
30.00	-80.00	0.00015	40.00	-80.00	0.00015	
50.00	-80.00	0.00016	60.00	-80.00	0.00017	
70.00	-80.00	0.00017	80.00	-80.00	0.00018	
90.00	-80.00	0.00018	100.00	-80.00	0.00018	
-100.00	-70.00	0.00007	-90.00	-70.00	0.00008	
-80.00	-70.00	0.00008	-70.00	-70.00	0.00009	
-60.00	-70.00	0.00010	-50.00	-70.00	0.00011	
-40.00	-70.00	0.00011	-30.00	-70.00	0.00012	
-25.00	-70.00	0.00012	-20.00	-70.00	0.00013	
-17.00	-70.00	0.00013	-15.00	-70.00	0.00013	
-13.00	-70.00	0.00013	-11.00	-70.00	0.00013	
-9.00	-70.00	0.00013	9.00	-70.00	0.00014	
11.00	-70.00	0.00014	13.00	-70.00	0.00014	
15.00	-70.00	0.00015	17.00	-70.00	0.00015	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00015	25.00	-70.00	0.00015
30.00	-70.00	0.00016	40.00	-70.00	0.00017
50.00	-70.00	0.00018	60.00	-70.00	0.00018
70.00	-70.00	0.00019	80.00	-70.00	0.00019
90.00	-70.00	0.00019	100.00	-70.00	0.00020
-100.00	-60.00	0.00007	-90.00	-60.00	0.00008
-80.00	-60.00	0.00009	-70.00	-60.00	0.00009
-60.00	-60.00	0.00010	-50.00	-60.00	0.00011
-40.00	-60.00	0.00012	-30.00	-60.00	0.00013
-25.00	-60.00	0.00013	-20.00	-60.00	0.00014
-17.00	-60.00	0.00014	-15.00	-60.00	0.00014
-13.00	-60.00	0.00014	-11.00	-60.00	0.00014
-9.00	-60.00	0.00014	9.00	-60.00	0.00015
11.00	-60.00	0.00016	13.00	-60.00	0.00016
15.00	-60.00	0.00016	17.00	-60.00	0.00016
20.00	-60.00	0.00016	25.00	-60.00	0.00017
30.00	-60.00	0.00017	40.00	-60.00	0.00018
50.00	-60.00	0.00019	60.00	-60.00	0.00020
70.00	-60.00	0.00021	80.00	-60.00	0.00021

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57
 **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	0.00016	-15.00	-40.00	0.00016
-13.00	-40.00	0.00016	-11.00	-40.00	0.00017
-9.00	-40.00	0.00017	9.00	-40.00	0.00018
11.00	-40.00	0.00018	13.00	-40.00	0.00019
15.00	-40.00	0.00019	17.00	-40.00	0.00019
20.00	-40.00	0.00019	25.00	-40.00	0.00020
30.00	-40.00	0.00020	40.00	-40.00	0.00022
50.00	-40.00	0.00023	60.00	-40.00	0.00024
70.00	-40.00	0.00024	80.00	-40.00	0.00025
90.00	-40.00	0.00025	100.00	-40.00	0.00025
-100.00	-30.00	0.00008	-90.00	-30.00	0.00009
-80.00	-30.00	0.00010	-70.00	-30.00	0.00011
-60.00	-30.00	0.00012	-50.00	-30.00	0.00013

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:38:57

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

**MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00009	-90.00	-10.00	0.00010
-80.00	-10.00	0.00011	-70.00	-10.00	0.00012
-60.00	-10.00	0.00014	-50.00	-10.00	0.00015
-40.00	-10.00	0.00017	-30.00	-10.00	0.00019
-25.00	-10.00	0.00020	-20.00	-10.00	0.00020
-17.00	-10.00	0.00021	-15.00	-10.00	0.00021
-13.00	-10.00	0.00021	-11.00	-10.00	0.00022

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00022	9.00	-10.00	0.00024
11.00	-10.00	0.00024	13.00	-10.00	0.00025
15.00	-10.00	0.00025	17.00	-10.00	0.00025
20.00	-10.00	0.00026	25.00	-10.00	0.00027
30.00	-10.00	0.00028	40.00	-10.00	0.00030
50.00	-10.00	0.00031	60.00	-10.00	0.00032
70.00	-10.00	0.00033	80.00	-10.00	0.00033
90.00	-10.00	0.00033	100.00	-10.00	0.00033
-100.00	0.00	0.00009	-90.00	0.00	0.00010
-80.00	0.00	0.00012	-70.00	0.00	0.00013
-60.00	0.00	0.00015	-50.00	0.00	0.00016
-40.00	0.00	0.00018	-30.00	0.00	0.00020
-25.00	0.00	0.00021	-20.00	0.00	0.00022
-17.00	0.00	0.00023	-15.00	0.00	0.00023
-13.00	0.00	0.00023	-11.00	0.00	0.00024
-9.00	0.00	0.00024	9.00	0.00	0.00027
11.00	0.00	0.00027	13.00	0.00	0.00027
15.00	0.00	0.00028	17.00	0.00	0.00028
20.00	0.00	0.00029	25.00	0.00	0.00030
30.00	0.00	0.00031	40.00	0.00	0.00033
50.00	0.00	0.00035	60.00	0.00	0.00036
70.00	0.00	0.00036	80.00	0.00	0.00037
90.00	0.00	0.00037	100.00	0.00	0.00037
-100.00	10.00	0.00010	-90.00	10.00	0.00011
-80.00	10.00	0.00012	-70.00	10.00	0.00014
-60.00	10.00	0.00016	-50.00	10.00	0.00018
-40.00	10.00	0.00020	-30.00	10.00	0.00022
-25.00	10.00	0.00023	-20.00	10.00	0.00024
-17.00	10.00	0.00025	-15.00	10.00	0.00026
-13.00	10.00	0.00026	-11.00	10.00	0.00026
-9.00	10.00	0.00027	9.00	10.00	0.00030
11.00	10.00	0.00030	13.00	10.00	0.00031
15.00	10.00	0.00031	17.00	10.00	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00032	25.00	10.00	0.00034

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00035	40.00	10.00	0.00038
50.00	10.00	0.00039	60.00	10.00	0.00040
70.00	10.00	0.00041	80.00	10.00	0.00041
90.00	10.00	0.00041	100.00	10.00	0.00041
-100.00	20.00	0.00010	-90.00	20.00	0.00011
-80.00	20.00	0.00013	-70.00	20.00	0.00015
-60.00	20.00	0.00017	-50.00	20.00	0.00019
-40.00	20.00	0.00021	-30.00	20.00	0.00024
-25.00	20.00	0.00026	-20.00	20.00	0.00027
-17.00	20.00	0.00028	-15.00	20.00	0.00028
-13.00	20.00	0.00029	-11.00	20.00	0.00029
-9.00	20.00	0.00030	9.00	20.00	0.00033
11.00	20.00	0.00034	13.00	20.00	0.00035
15.00	20.00	0.00035	17.00	20.00	0.00036
20.00	20.00	0.00037	25.00	20.00	0.00038
30.00	20.00	0.00040	40.00	20.00	0.00043
50.00	20.00	0.00044	60.00	20.00	0.00045
70.00	20.00	0.00046	80.00	20.00	0.00046
90.00	20.00	0.00046	100.00	20.00	0.00046
-100.00	30.00	0.00011	-90.00	30.00	0.00012
-80.00	30.00	0.00013	-70.00	30.00	0.00015
-60.00	30.00	0.00018	-50.00	30.00	0.00020
-40.00	30.00	0.00023	-30.00	30.00	0.00027
-25.00	30.00	0.00028	-20.00	30.00	0.00030
-17.00	30.00	0.00031	-15.00	30.00	0.00032
-13.00	30.00	0.00032	-11.00	30.00	0.00033
-9.00	30.00	0.00033	9.00	30.00	0.00038
11.00	30.00	0.00039	13.00	30.00	0.00039
15.00	30.00	0.00040	17.00	30.00	0.00041
20.00	30.00	0.00042	25.00	30.00	0.00044
30.00	30.00	0.00046	40.00	30.00	0.00049
50.00	30.00	0.00050	60.00	30.00	0.00051
70.00	30.00	0.00052	80.00	30.00	0.00052
90.00	30.00	0.00052	100.00	30.00	0.00052
-100.00	40.00	0.00011	-90.00	40.00	0.00012
-80.00	40.00	0.00014	-70.00	40.00	0.00016
-60.00	40.00	0.00019	-50.00	40.00	0.00022
-40.00	40.00	0.00025	-30.00	40.00	0.00029
-25.00	40.00	0.00031	-20.00	40.00	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57
 **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	0.00035	-15.00	40.00	0.00035
-13.00	40.00	0.00036	-11.00	40.00	0.00037
-9.00	40.00	0.00037	9.00	40.00	0.00043
11.00	40.00	0.00044	13.00	40.00	0.00045
15.00	40.00	0.00046	17.00	40.00	0.00047
20.00	40.00	0.00048	25.00	40.00	0.00051
30.00	40.00	0.00053	40.00	40.00	0.00056
50.00	40.00	0.00058	60.00	40.00	0.00059
70.00	40.00	0.00059	80.00	40.00	0.00060
90.00	40.00	0.00059	100.00	40.00	0.00058
-100.00	50.00	0.00012	-90.00	50.00	0.00013
-80.00	50.00	0.00015	-70.00	50.00	0.00017
-60.00	50.00	0.00020	-50.00	50.00	0.00023
-40.00	50.00	0.00028	-30.00	50.00	0.00032
-25.00	50.00	0.00035	-20.00	50.00	0.00037
-17.00	50.00	0.00039	-15.00	50.00	0.00040
-13.00	50.00	0.00041	-11.00	50.00	0.00042
-9.00	50.00	0.00042	9.00	50.00	0.00050
11.00	50.00	0.00051	13.00	50.00	0.00052
15.00	50.00	0.00053	17.00	50.00	0.00055
20.00	50.00	0.00056	25.00	50.00	0.00059
30.00	50.00	0.00062	40.00	50.00	0.00065
50.00	50.00	0.00067	60.00	50.00	0.00068
70.00	50.00	0.00069	80.00	50.00	0.00068
90.00	50.00	0.00067	100.00	50.00	0.00065
-100.00	60.00	0.00012	-90.00	60.00	0.00014
-80.00	60.00	0.00016	-70.00	60.00	0.00018
-60.00	60.00	0.00021	-50.00	60.00	0.00025
-40.00	60.00	0.00030	-30.00	60.00	0.00036
-25.00	60.00	0.00039	-20.00	60.00	0.00042
-17.00	60.00	0.00044	-15.00	60.00	0.00045
-13.00	60.00	0.00046	-11.00	60.00	0.00047
-9.00	60.00	0.00049	9.00	60.00	0.00058
11.00	60.00	0.00060	13.00	60.00	0.00061
15.00	60.00	0.00063	17.00	60.00	0.00064
20.00	60.00	0.00067	25.00	60.00	0.00070
30.00	60.00	0.00073	40.00	60.00	0.00076
50.00	60.00	0.00078	60.00	60.00	0.00080
70.00	60.00	0.00080	80.00	60.00	0.00078

90.00 60.00 08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound
 0.00075 100.00 60.00 0.00071

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00013	-90.00	70.00	0.00015
-80.00	70.00	0.00017	-70.00	70.00	0.00019
-60.00	70.00	0.00023	-50.00	70.00	0.00027
-40.00	70.00	0.00032	-30.00	70.00	0.00039
-25.00	70.00	0.00043	-20.00	70.00	0.00047
-17.00	70.00	0.00050	-15.00	70.00	0.00051
-13.00	70.00	0.00053	-11.00	70.00	0.00054
-9.00	70.00	0.00056	9.00	70.00	0.00069
11.00	70.00	0.00071	13.00	70.00	0.00073
15.00	70.00	0.00075	17.00	70.00	0.00077
20.00	70.00	0.00080	25.00	70.00	0.00084
30.00	70.00	0.00087	40.00	70.00	0.00091
50.00	70.00	0.00093	60.00	70.00	0.00094
70.00	70.00	0.00092	80.00	70.00	0.00089
90.00	70.00	0.00084	100.00	70.00	0.00078
-100.00	80.00	0.00014	-90.00	80.00	0.00016
-80.00	80.00	0.00018	-70.00	80.00	0.00020
-60.00	80.00	0.00024	-50.00	80.00	0.00029
-40.00	80.00	0.00035	-30.00	80.00	0.00043
-25.00	80.00	0.00048	-20.00	80.00	0.00053
-17.00	80.00	0.00056	-15.00	80.00	0.00058
-13.00	80.00	0.00061	-11.00	80.00	0.00063
-9.00	80.00	0.00065	9.00	80.00	0.00083
11.00	80.00	0.00085	13.00	80.00	0.00088
15.00	80.00	0.00091	17.00	80.00	0.00093
20.00	80.00	0.00097	25.00	80.00	0.00102
30.00	80.00	0.00105	40.00	80.00	0.00110
50.00	80.00	0.00112	60.00	80.00	0.00111
70.00	80.00	0.00106	80.00	80.00	0.00099
90.00	80.00	0.00092	100.00	80.00	0.00084
-100.00	90.00	0.00015	-90.00	90.00	0.00017
-80.00	90.00	0.00019	-70.00	90.00	0.00022
-60.00	90.00	0.00026	-50.00	90.00	0.00031

		08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound			
-40.00	90.00	0.00038	-30.00	90.00	0.00047
-25.00	90.00	0.00053	-20.00	90.00	0.00060
-17.00	90.00	0.00064	-15.00	90.00	0.00067
-13.00	90.00	0.00070	-11.00	90.00	0.00072
-9.00	90.00	0.00075	9.00	90.00	0.00101
11.00	90.00	0.00105	13.00	90.00	0.00109
15.00	90.00	0.00112	17.00	90.00	0.00115

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00120	25.00	90.00	0.00125
30.00	90.00	0.00130	40.00	90.00	0.00135
50.00	90.00	0.00135	60.00	90.00	0.00129
70.00	90.00	0.00120	80.00	90.00	0.00110
90.00	90.00	0.00099	100.00	90.00	0.00089
-100.00	100.00	0.00016	-90.00	100.00	0.00018
-80.00	100.00	0.00021	-70.00	100.00	0.00024
-60.00	100.00	0.00028	-50.00	100.00	0.00033
-40.00	100.00	0.00041	-30.00	100.00	0.00051
-25.00	100.00	0.00058	-20.00	100.00	0.00066
-17.00	100.00	0.00072	-15.00	100.00	0.00076
-13.00	100.00	0.00080	-11.00	100.00	0.00084
-9.00	100.00	0.00088	9.00	100.00	0.00126
11.00	100.00	0.00132	13.00	100.00	0.00137
15.00	100.00	0.00141	17.00	100.00	0.00146
20.00	100.00	0.00151	25.00	100.00	0.00158
30.00	100.00	0.00164	40.00	100.00	0.00166
50.00	100.00	0.00159	60.00	100.00	0.00147
70.00	100.00	0.00133	80.00	100.00	0.00119
90.00	100.00	0.00107	100.00	100.00	0.00095
-100.00	110.00	0.00018	-90.00	110.00	0.00020
-80.00	110.00	0.00023	-70.00	110.00	0.00026
-60.00	110.00	0.00030	-50.00	110.00	0.00036
-40.00	110.00	0.00044	-30.00	110.00	0.00055
-25.00	110.00	0.00063	-20.00	110.00	0.00073
-17.00	110.00	0.00080	-15.00	110.00	0.00085
-13.00	110.00	0.00090	-11.00	110.00	0.00096

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
30.00	130.00	0.00293	40.00	130.00	0.00259	
50.00	130.00	0.00225	60.00	130.00	0.00194	
70.00	130.00	0.00166	80.00	130.00	0.00142	
90.00	130.00	0.00121	100.00	130.00	0.00104	
-100.00	140.00	0.00021	-90.00	140.00	0.00024	
-80.00	140.00	0.00028	-70.00	140.00	0.00033	
-60.00	140.00	0.00039	-50.00	140.00	0.00047	
-40.00	140.00	0.00057	-30.00	140.00	0.00073	
-25.00	140.00	0.00083	-20.00	140.00	0.00097	
-17.00	140.00	0.00108	-15.00	140.00	0.00116	
-13.00	140.00	0.00127	-11.00	140.00	0.00141	
-9.00	140.00	0.00160	9.00	140.00	0.00443	
11.00	140.00	0.00427	13.00	140.00	0.00414	
15.00	140.00	0.00403	17.00	140.00	0.00393	
20.00	140.00	0.00378	25.00	140.00	0.00354	
30.00	140.00	0.00330	40.00	140.00	0.00284	
50.00	140.00	0.00241	60.00	140.00	0.00204	
70.00	140.00	0.00172	80.00	140.00	0.00145	
90.00	140.00	0.00122	100.00	140.00	0.00104	

1 *** ICSCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00023	-90.00	150.00	0.00027
-80.00	150.00	0.00031	-70.00	150.00	0.00037
-60.00	150.00	0.00044	-50.00	150.00	0.00053
-40.00	150.00	0.00066	-30.00	150.00	0.00085
-25.00	150.00	0.00100	-20.00	150.00	0.00122
-17.00	150.00	0.00143	-15.00	150.00	0.00164
-13.00	150.00	0.00191	-11.00	150.00	0.00229
-9.00	150.00	0.00281	9.00	150.00	0.00576
11.00	150.00	0.00542	13.00	150.00	0.00514
15.00	150.00	0.00491	17.00	150.00	0.00470
20.00	150.00	0.00442	25.00	150.00	0.00401
30.00	150.00	0.00367	40.00	150.00	0.00307
50.00	150.00	0.00256	60.00	150.00	0.00213
70.00	150.00	0.00176	80.00	150.00	0.00147
90.00	150.00	0.00123	100.00	150.00	0.00105

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-100.00	160.00	0.00025	-90.00	160.00	0.00029	
-80.00	160.00	0.00035	-70.00	160.00	0.00041	
-60.00	160.00	0.00050	-50.00	160.00	0.00062	
-40.00	160.00	0.00079	-30.00	160.00	0.00108	
-25.00	160.00	0.00136	-20.00	160.00	0.00183	
-17.00	160.00	0.00224	-15.00	160.00	0.00259	
-13.00	160.00	0.00302	-11.00	160.00	0.00354	
-9.00	160.00	0.00420	9.00	160.00	0.00676	
11.00	160.00	0.00633	13.00	160.00	0.00598	
15.00	160.00	0.00568	17.00	160.00	0.00540	
20.00	160.00	0.00503	25.00	160.00	0.00449	
30.00	160.00	0.00403	40.00	160.00	0.00327	
50.00	160.00	0.00266	60.00	160.00	0.00217	
70.00	160.00	0.00178	80.00	160.00	0.00147	
90.00	160.00	0.00124	100.00	160.00	0.00105	
-100.00	170.00	0.00027	-90.00	170.00	0.00032	
-80.00	170.00	0.00039	-70.00	170.00	0.00047	
-60.00	170.00	0.00058	-50.00	170.00	0.00073	
-40.00	170.00	0.00098	-30.00	170.00	0.00149	
-25.00	170.00	0.00194	-20.00	170.00	0.00259	
-17.00	170.00	0.00311	-15.00	170.00	0.00353	
-13.00	170.00	0.00402	-11.00	170.00	0.00460	
-9.00	170.00	0.00531	9.00	170.00	0.00749	
11.00	170.00	0.00699	13.00	170.00	0.00658	
15.00	170.00	0.00622	17.00	170.00	0.00590	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTS:
 PAGE 39
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00547	25.00	170.00	0.00485
30.00	170.00	0.00431	40.00	170.00	0.00342
50.00	170.00	0.00272	60.00	170.00	0.00218
70.00	170.00	0.00177	80.00	170.00	0.00146
90.00	170.00	0.00123	100.00	170.00	0.00104
-100.00	180.00	0.00030	-90.00	180.00	0.00036
-80.00	180.00	0.00043	-70.00	180.00	0.00053
-60.00	180.00	0.00067	-50.00	180.00	0.00088
-40.00	180.00	0.00127	-30.00	180.00	0.00197

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-25.00	180.00	0.00252	-20.00	180.00	0.00327	
-17.00	180.00	0.00384	-15.00	180.00	0.00429	
-13.00	180.00	0.00481	-11.00	180.00	0.00541	
-9.00	180.00	0.00612	9.00	180.00	0.00799	
11.00	180.00	0.00743	13.00	180.00	0.00697	
15.00	180.00	0.00656	17.00	180.00	0.00620	
20.00	180.00	0.00573	25.00	180.00	0.00504	
30.00	180.00	0.00445	40.00	180.00	0.00347	
50.00	180.00	0.00272	60.00	180.00	0.00217	
70.00	180.00	0.00176	80.00	180.00	0.00145	
90.00	180.00	0.00122	100.00	180.00	0.00103	
-100.00	190.00	0.00033	-90.00	190.00	0.00039	
-80.00	190.00	0.00048	-70.00	190.00	0.00060	
-60.00	190.00	0.00078	-50.00	190.00	0.00108	
-40.00	190.00	0.00159	-30.00	190.00	0.00242	
-25.00	190.00	0.00303	-20.00	190.00	0.00382	
-17.00	190.00	0.00442	-15.00	190.00	0.00488	
-13.00	190.00	0.00540	-11.00	190.00	0.00600	
-9.00	190.00	0.00671	9.00	190.00	0.00828	
11.00	190.00	0.00766	13.00	190.00	0.00716	
15.00	190.00	0.00672	17.00	190.00	0.00633	
20.00	190.00	0.00580	25.00	190.00	0.00506	
30.00	190.00	0.00442	40.00	190.00	0.00341	
50.00	190.00	0.00267	60.00	190.00	0.00214	
70.00	190.00	0.00174	80.00	190.00	0.00143	
90.00	190.00	0.00119	100.00	190.00	0.00101	
-100.00	200.00	0.00035	-90.00	200.00	0.00043	
-80.00	200.00	0.00053	-70.00	200.00	0.00069	
-60.00	200.00	0.00093	-50.00	200.00	0.00131	
-40.00	200.00	0.00189	-30.00	200.00	0.00281	
-25.00	200.00	0.00345	-20.00	200.00	0.00427	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTS:
 PAGE 40
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00486	-15.00	200.00	0.00532
-13.00	200.00	0.00583	-11.00	200.00	0.00642
-9.00	200.00	0.00712	9.00	200.00	0.00834

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00767	13.00	200.00	0.00713
15.00	200.00	0.00666	17.00	200.00	0.00623
20.00	200.00	0.00566	25.00	200.00	0.00486
30.00	200.00	0.00422	40.00	200.00	0.00327
50.00	200.00	0.00259	60.00	200.00	0.00208
70.00	200.00	0.00170	80.00	200.00	0.00140
90.00	200.00	0.00117	100.00	200.00	0.00099
-100.00	210.00	0.00039	-90.00	210.00	0.00048
-80.00	210.00	0.00060	-70.00	210.00	0.00079
-60.00	210.00	0.00108	-50.00	210.00	0.00151
-40.00	210.00	0.00215	-30.00	210.00	0.00313
-25.00	210.00	0.00379	-20.00	210.00	0.00462
-17.00	210.00	0.00521	-15.00	210.00	0.00566
-13.00	210.00	0.00616	-11.00	210.00	0.00672
-9.00	210.00	0.00739	9.00	210.00	0.00811
11.00	210.00	0.00738	13.00	210.00	0.00679
15.00	210.00	0.00629	17.00	210.00	0.00585
20.00	210.00	0.00528	25.00	210.00	0.00453
30.00	210.00	0.00395	40.00	210.00	0.00309
50.00	210.00	0.00247	60.00	210.00	0.00200
70.00	210.00	0.00164	80.00	210.00	0.00136
90.00	210.00	0.00114	100.00	210.00	0.00097
-100.00	220.00	0.00043	-90.00	220.00	0.00053
-80.00	220.00	0.00069	-70.00	220.00	0.00091
-60.00	220.00	0.00123	-50.00	220.00	0.00170
-40.00	220.00	0.00238	-30.00	220.00	0.00337
-25.00	220.00	0.00404	-20.00	220.00	0.00487
-17.00	220.00	0.00546	-15.00	220.00	0.00590
-13.00	220.00	0.00639	-11.00	220.00	0.00694
-9.00	220.00	0.00757	9.00	220.00	0.00735
11.00	220.00	0.00667	13.00	220.00	0.00612
15.00	220.00	0.00569	17.00	220.00	0.00531
20.00	220.00	0.00483	25.00	220.00	0.00418
30.00	220.00	0.00367	40.00	220.00	0.00290
50.00	220.00	0.00234	60.00	220.00	0.00192
70.00	220.00	0.00159	80.00	220.00	0.00133
90.00	220.00	0.00112	100.00	220.00	0.00096

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

08NCRA_SR03-300_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	230.00	0.00047	-90.00	230.00	0.00060
-80.00	230.00	0.00077	-70.00	230.00	0.00102
-60.00	230.00	0.00136	-50.00	230.00	0.00185
-40.00	230.00	0.00255	-30.00	230.00	0.00355
-25.00	230.00	0.00422	-20.00	230.00	0.00503
-17.00	230.00	0.00560	-15.00	230.00	0.00602
-13.00	230.00	0.00648	-11.00	230.00	0.00698
-9.00	230.00	0.00754	9.00	230.00	0.00628
11.00	230.00	0.00585	13.00	230.00	0.00546
15.00	230.00	0.00511	17.00	230.00	0.00480
20.00	230.00	0.00440	25.00	230.00	0.00384
30.00	230.00	0.00338	40.00	230.00	0.00270
50.00	230.00	0.00220	60.00	230.00	0.00182
70.00	230.00	0.00152	80.00	230.00	0.00128
90.00	230.00	0.00109	100.00	230.00	0.00094
-100.00	240.00	0.00052	-90.00	240.00	0.00066
-80.00	240.00	0.00085	-70.00	240.00	0.00111
-60.00	240.00	0.00147	-50.00	240.00	0.00196
-40.00	240.00	0.00266	-30.00	240.00	0.00363
-25.00	240.00	0.00426	-20.00	240.00	0.00498
-17.00	240.00	0.00544	-15.00	240.00	0.00575
-13.00	240.00	0.00604	-11.00	240.00	0.00630
-9.00	240.00	0.00651	9.00	240.00	0.00505
11.00	240.00	0.00478	13.00	240.00	0.00454
15.00	240.00	0.00432	17.00	240.00	0.00411
20.00	240.00	0.00383	25.00	240.00	0.00341
30.00	240.00	0.00305	40.00	240.00	0.00247
50.00	240.00	0.00204	60.00	240.00	0.00170
70.00	240.00	0.00144	80.00	240.00	0.00122
90.00	240.00	0.00105	100.00	240.00	0.00090
-100.00	250.00	0.00057	-90.00	250.00	0.00072
-80.00	250.00	0.00092	-70.00	250.00	0.00118
-60.00	250.00	0.00154	-50.00	250.00	0.00203
-40.00	250.00	0.00269	-30.00	250.00	0.00356
-25.00	250.00	0.00405	-20.00	250.00	0.00453
-17.00	250.00	0.00479	-15.00	250.00	0.00494
-13.00	250.00	0.00507	-11.00	250.00	0.00517
-9.00	250.00	0.00524	9.00	250.00	0.00410
11.00	250.00	0.00391	13.00	250.00	0.00374
15.00	250.00	0.00357	17.00	250.00	0.00342

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00322	25.00	250.00	0.00292
30.00	250.00	0.00266	40.00	250.00	0.00222
50.00	250.00	0.00187	60.00	250.00	0.00158
70.00	250.00	0.00135	80.00	250.00	0.00115
90.00	250.00	0.00100	100.00	250.00	0.00087

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/18/08

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

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-17.00	-240.00	0.00008	-15.00	-240.00	0.00008	
-13.00	-240.00	0.00008	-11.00	-240.00	0.00008	
-9.00	-240.00	0.00008	9.00	-240.00	0.00008	
11.00	-240.00	0.00008	13.00	-240.00	0.00009	
15.00	-240.00	0.00009	17.00	-240.00	0.00009	
20.00	-240.00	0.00009	25.00	-240.00	0.00009	
30.00	-240.00	0.00009	40.00	-240.00	0.00009	
50.00	-240.00	0.00010	60.00	-240.00	0.00010	
70.00	-240.00	0.00011	80.00	-240.00	0.00011	
90.00	-240.00	0.00011	100.00	-240.00	0.00011	
-100.00	-230.00	0.00005	-90.00	-230.00	0.00006	
-80.00	-230.00	0.00006	-70.00	-230.00	0.00006	
-60.00	-230.00	0.00007	-50.00	-230.00	0.00007	
-40.00	-230.00	0.00008	-30.00	-230.00	0.00008	
-25.00	-230.00	0.00008	-20.00	-230.00	0.00008	
-17.00	-230.00	0.00008	-15.00	-230.00	0.00008	
-13.00	-230.00	0.00008	-11.00	-230.00	0.00008	
-9.00	-230.00	0.00008	9.00	-230.00	0.00009	
11.00	-230.00	0.00009	13.00	-230.00	0.00009	
15.00	-230.00	0.00009	17.00	-230.00	0.00009	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00007	-90.00	-170.00	0.00007
-80.00	-170.00	0.00008	-70.00	-170.00	0.00009

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00016	25.00	-150.00	0.00017
30.00	-150.00	0.00017	40.00	-150.00	0.00018
50.00	-150.00	0.00019	60.00	-150.00	0.00020
70.00	-150.00	0.00021	80.00	-150.00	0.00021
90.00	-150.00	0.00021	100.00	-150.00	0.00021
-100.00	-140.00	0.00008	-90.00	-140.00	0.00008
-80.00	-140.00	0.00009	-70.00	-140.00	0.00010
-60.00	-140.00	0.00011	-50.00	-140.00	0.00012
-40.00	-140.00	0.00013	-30.00	-140.00	0.00014
-25.00	-140.00	0.00014	-20.00	-140.00	0.00015
-17.00	-140.00	0.00015	-15.00	-140.00	0.00015
-13.00	-140.00	0.00015	-11.00	-140.00	0.00015
-9.00	-140.00	0.00015	9.00	-140.00	0.00017
11.00	-140.00	0.00017	13.00	-140.00	0.00017
15.00	-140.00	0.00017	17.00	-140.00	0.00017
20.00	-140.00	0.00018	25.00	-140.00	0.00018
30.00	-140.00	0.00019	40.00	-140.00	0.00020
50.00	-140.00	0.00021	60.00	-140.00	0.00022
70.00	-140.00	0.00022	80.00	-140.00	0.00023
90.00	-140.00	0.00023	100.00	-140.00	0.00023
-100.00	-130.00	0.00008	-90.00	-130.00	0.00009
-80.00	-130.00	0.00010	-70.00	-130.00	0.00011
-60.00	-130.00	0.00012	-50.00	-130.00	0.00013
-40.00	-130.00	0.00014	-30.00	-130.00	0.00015
-25.00	-130.00	0.00015	-20.00	-130.00	0.00016
-17.00	-130.00	0.00016	-15.00	-130.00	0.00016
-13.00	-130.00	0.00016	-11.00	-130.00	0.00017
-9.00	-130.00	0.00017	9.00	-130.00	0.00018
11.00	-130.00	0.00018	13.00	-130.00	0.00019
15.00	-130.00	0.00019	17.00	-130.00	0.00019
20.00	-130.00	0.00019	25.00	-130.00	0.00020
30.00	-130.00	0.00020	40.00	-130.00	0.00022
50.00	-130.00	0.00023	60.00	-130.00	0.00024
70.00	-130.00	0.00024	80.00	-130.00	0.00025
90.00	-130.00	0.00025	100.00	-130.00	0.00025
-100.00	-120.00	0.00008	-90.00	-120.00	0.00009
-80.00	-120.00	0.00010	-70.00	-120.00	0.00011
-60.00	-120.00	0.00012	-50.00	-120.00	0.00013
-40.00	-120.00	0.00015	-30.00	-120.00	0.00016
-25.00	-120.00	0.00017	-20.00	-120.00	0.00017

18:38:57
 **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	0.00017	-15.00	-120.00	0.00018
-13.00	-120.00	0.00018	-11.00	-120.00	0.00018
-9.00	-120.00	0.00018	9.00	-120.00	0.00020
11.00	-120.00	0.00020	13.00	-120.00	0.00020
15.00	-120.00	0.00020	17.00	-120.00	0.00021
20.00	-120.00	0.00021	25.00	-120.00	0.00022
30.00	-120.00	0.00023	40.00	-120.00	0.00024
50.00	-120.00	0.00025	60.00	-120.00	0.00026
70.00	-120.00	0.00027	80.00	-120.00	0.00027
90.00	-120.00	0.00027	100.00	-120.00	0.00027
-100.00	-110.00	0.00009	-90.00	-110.00	0.00010
-80.00	-110.00	0.00011	-70.00	-110.00	0.00012
-60.00	-110.00	0.00013	-50.00	-110.00	0.00014
-40.00	-110.00	0.00016	-30.00	-110.00	0.00017
-25.00	-110.00	0.00018	-20.00	-110.00	0.00019
-17.00	-110.00	0.00019	-15.00	-110.00	0.00019
-13.00	-110.00	0.00019	-11.00	-110.00	0.00020
-9.00	-110.00	0.00020	9.00	-110.00	0.00022
11.00	-110.00	0.00022	13.00	-110.00	0.00022
15.00	-110.00	0.00023	17.00	-110.00	0.00023
20.00	-110.00	0.00023	25.00	-110.00	0.00024
30.00	-110.00	0.00025	40.00	-110.00	0.00027
50.00	-110.00	0.00028	60.00	-110.00	0.00029
70.00	-110.00	0.00029	80.00	-110.00	0.00030
90.00	-110.00	0.00030	100.00	-110.00	0.00030
-100.00	-100.00	0.00009	-90.00	-100.00	0.00010
-80.00	-100.00	0.00011	-70.00	-100.00	0.00012
-60.00	-100.00	0.00014	-50.00	-100.00	0.00015
-40.00	-100.00	0.00017	-30.00	-100.00	0.00019
-25.00	-100.00	0.00020	-20.00	-100.00	0.00020
-17.00	-100.00	0.00021	-15.00	-100.00	0.00021
-13.00	-100.00	0.00021	-11.00	-100.00	0.00022
-9.00	-100.00	0.00022	9.00	-100.00	0.00024
11.00	-100.00	0.00024	13.00	-100.00	0.00025

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
15.00	-100.00	0.00025	17.00	-100.00	0.00025	
20.00	-100.00	0.00026	25.00	-100.00	0.00027	
30.00	-100.00	0.00028	40.00	-100.00	0.00030	
50.00	-100.00	0.00031	60.00	-100.00	0.00032	
70.00	-100.00	0.00033	80.00	-100.00	0.00033	
90.00	-100.00	0.00033	100.00	-100.00	0.00033	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00009	-90.00	-90.00	0.00010
-80.00	-90.00	0.00012	-70.00	-90.00	0.00013
-60.00	-90.00	0.00015	-50.00	-90.00	0.00016
-40.00	-90.00	0.00018	-30.00	-90.00	0.00020
-25.00	-90.00	0.00021	-20.00	-90.00	0.00022
-17.00	-90.00	0.00023	-15.00	-90.00	0.00023
-13.00	-90.00	0.00023	-11.00	-90.00	0.00024
-9.00	-90.00	0.00024	9.00	-90.00	0.00027
11.00	-90.00	0.00027	13.00	-90.00	0.00027
15.00	-90.00	0.00028	17.00	-90.00	0.00028
20.00	-90.00	0.00029	25.00	-90.00	0.00030
30.00	-90.00	0.00031	40.00	-90.00	0.00033
50.00	-90.00	0.00035	60.00	-90.00	0.00036
70.00	-90.00	0.00036	80.00	-90.00	0.00037
90.00	-90.00	0.00037	100.00	-90.00	0.00037
-100.00	-80.00	0.00010	-90.00	-80.00	0.00011
-80.00	-80.00	0.00012	-70.00	-80.00	0.00014
-60.00	-80.00	0.00016	-50.00	-80.00	0.00018
-40.00	-80.00	0.00020	-30.00	-80.00	0.00022
-25.00	-80.00	0.00023	-20.00	-80.00	0.00024
-17.00	-80.00	0.00025	-15.00	-80.00	0.00026
-13.00	-80.00	0.00026	-11.00	-80.00	0.00026
-9.00	-80.00	0.00027	9.00	-80.00	0.00030
11.00	-80.00	0.00030	13.00	-80.00	0.00031
15.00	-80.00	0.00031	17.00	-80.00	0.00032
20.00	-80.00	0.00032	25.00	-80.00	0.00034
30.00	-80.00	0.00035	40.00	-80.00	0.00038
50.00	-80.00	0.00039	60.00	-80.00	0.00040

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
70.00	-80.00	0.00041	80.00	-80.00	0.00041	
90.00	-80.00	0.00041	100.00	-80.00	0.00041	
-100.00	-70.00	0.00010	-90.00	-70.00	0.00011	
-80.00	-70.00	0.00013	-70.00	-70.00	0.00015	
-60.00	-70.00	0.00017	-50.00	-70.00	0.00019	
-40.00	-70.00	0.00021	-30.00	-70.00	0.00024	
-25.00	-70.00	0.00026	-20.00	-70.00	0.00027	
-17.00	-70.00	0.00028	-15.00	-70.00	0.00028	
-13.00	-70.00	0.00029	-11.00	-70.00	0.00029	
-9.00	-70.00	0.00030	9.00	-70.00	0.00033	
11.00	-70.00	0.00034	13.00	-70.00	0.00035	
15.00	-70.00	0.00035	17.00	-70.00	0.00036	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTs:
 PAGE 50

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00037	25.00	-70.00	0.00038
30.00	-70.00	0.00040	40.00	-70.00	0.00043
50.00	-70.00	0.00044	60.00	-70.00	0.00045
70.00	-70.00	0.00046	80.00	-70.00	0.00046
90.00	-70.00	0.00046	100.00	-70.00	0.00046
-100.00	-60.00	0.00011	-90.00	-60.00	0.00012
-80.00	-60.00	0.00013	-70.00	-60.00	0.00015
-60.00	-60.00	0.00018	-50.00	-60.00	0.00020
-40.00	-60.00	0.00023	-30.00	-60.00	0.00027
-25.00	-60.00	0.00028	-20.00	-60.00	0.00030
-17.00	-60.00	0.00031	-15.00	-60.00	0.00032
-13.00	-60.00	0.00032	-11.00	-60.00	0.00033
-9.00	-60.00	0.00033	9.00	-60.00	0.00038
11.00	-60.00	0.00039	13.00	-60.00	0.00039
15.00	-60.00	0.00040	17.00	-60.00	0.00041
20.00	-60.00	0.00042	25.00	-60.00	0.00044
30.00	-60.00	0.00046	40.00	-60.00	0.00049
50.00	-60.00	0.00050	60.00	-60.00	0.00051
70.00	-60.00	0.00052	80.00	-60.00	0.00052
90.00	-60.00	0.00052	100.00	-60.00	0.00052
-100.00	-50.00	0.00011	-90.00	-50.00	0.00012
-80.00	-50.00	0.00014	-70.00	-50.00	0.00016

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-60.00	-50.00	0.00019	-50.00	-50.00	0.00022
-40.00	-50.00	0.00025	-30.00	-50.00	0.00029
-25.00	-50.00	0.00031	-20.00	-50.00	0.00033
-17.00	-50.00	0.00035	-15.00	-50.00	0.00035
-13.00	-50.00	0.00036	-11.00	-50.00	0.00037
-9.00	-50.00	0.00037	9.00	-50.00	0.00043
11.00	-50.00	0.00044	13.00	-50.00	0.00045
15.00	-50.00	0.00046	17.00	-50.00	0.00047
20.00	-50.00	0.00048	25.00	-50.00	0.00051
30.00	-50.00	0.00053	40.00	-50.00	0.00056
50.00	-50.00	0.00058	60.00	-50.00	0.00059
70.00	-50.00	0.00059	80.00	-50.00	0.00060
90.00	-50.00	0.00059	100.00	-50.00	0.00058
-100.00	-40.00	0.00012	-90.00	-40.00	0.00013
-80.00	-40.00	0.00015	-70.00	-40.00	0.00017
-60.00	-40.00	0.00020	-50.00	-40.00	0.00023
-40.00	-40.00	0.00028	-30.00	-40.00	0.00032
-25.00	-40.00	0.00035	-20.00	-40.00	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

**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	0.00039	-15.00	-40.00	0.00040
-13.00	-40.00	0.00041	-11.00	-40.00	0.00042
-9.00	-40.00	0.00042	9.00	-40.00	0.00050
11.00	-40.00	0.00051	13.00	-40.00	0.00052
15.00	-40.00	0.00053	17.00	-40.00	0.00055
20.00	-40.00	0.00056	25.00	-40.00	0.00059
30.00	-40.00	0.00062	40.00	-40.00	0.00065
50.00	-40.00	0.00067	60.00	-40.00	0.00068
70.00	-40.00	0.00069	80.00	-40.00	0.00068
90.00	-40.00	0.00067	100.00	-40.00	0.00065
-100.00	-30.00	0.00012	-90.00	-30.00	0.00014
-80.00	-30.00	0.00016	-70.00	-30.00	0.00018
-60.00	-30.00	0.00021	-50.00	-30.00	0.00025
-40.00	-30.00	0.00030	-30.00	-30.00	0.00036
-25.00	-30.00	0.00039	-20.00	-30.00	0.00042
-17.00	-30.00	0.00044	-15.00	-30.00	0.00045

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-13.00	-30.00	0.00046	-11.00	-30.00	0.00047
-9.00	-30.00	0.00049	9.00	-30.00	0.00058
11.00	-30.00	0.00060	13.00	-30.00	0.00061
15.00	-30.00	0.00063	17.00	-30.00	0.00064
20.00	-30.00	0.00067	25.00	-30.00	0.00070
30.00	-30.00	0.00073	40.00	-30.00	0.00076
50.00	-30.00	0.00078	60.00	-30.00	0.00080
70.00	-30.00	0.00080	80.00	-30.00	0.00078
90.00	-30.00	0.00075	100.00	-30.00	0.00071
-100.00	-20.00	0.00013	-90.00	-20.00	0.00015
-80.00	-20.00	0.00017	-70.00	-20.00	0.00019
-60.00	-20.00	0.00023	-50.00	-20.00	0.00027
-40.00	-20.00	0.00032	-30.00	-20.00	0.00039
-25.00	-20.00	0.00043	-20.00	-20.00	0.00047
-17.00	-20.00	0.00050	-15.00	-20.00	0.00051
-13.00	-20.00	0.00053	-11.00	-20.00	0.00054
-9.00	-20.00	0.00056	9.00	-20.00	0.00069
11.00	-20.00	0.00071	13.00	-20.00	0.00073
15.00	-20.00	0.00075	17.00	-20.00	0.00077
20.00	-20.00	0.00080	25.00	-20.00	0.00084
30.00	-20.00	0.00087	40.00	-20.00	0.00091
50.00	-20.00	0.00093	60.00	-20.00	0.00094
70.00	-20.00	0.00092	80.00	-20.00	0.00089
90.00	-20.00	0.00084	100.00	-20.00	0.00078

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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**MODELOPTs:
 PAGE 52

CONC URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00014	-90.00	-10.00	0.00016
-80.00	-10.00	0.00018	-70.00	-10.00	0.00020
-60.00	-10.00	0.00024	-50.00	-10.00	0.00029
-40.00	-10.00	0.00035	-30.00	-10.00	0.00043
-25.00	-10.00	0.00048	-20.00	-10.00	0.00053
-17.00	-10.00	0.00056	-15.00	-10.00	0.00058
-13.00	-10.00	0.00061	-11.00	-10.00	0.00063
-9.00	-10.00	0.00065	9.00	-10.00	0.00083
11.00	-10.00	0.00085	13.00	-10.00	0.00088
15.00	-10.00	0.00091	17.00	-10.00	0.00093

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00097	25.00	-10.00	0.00102
30.00	-10.00	0.00105	40.00	-10.00	0.00110
50.00	-10.00	0.00112	60.00	-10.00	0.00111
70.00	-10.00	0.00106	80.00	-10.00	0.00099
90.00	-10.00	0.00092	100.00	-10.00	0.00084
-100.00	0.00	0.00015	-90.00	0.00	0.00017
-80.00	0.00	0.00019	-70.00	0.00	0.00022
-60.00	0.00	0.00026	-50.00	0.00	0.00031
-40.00	0.00	0.00038	-30.00	0.00	0.00047
-25.00	0.00	0.00053	-20.00	0.00	0.00060
-17.00	0.00	0.00064	-15.00	0.00	0.00067
-13.00	0.00	0.00070	-11.00	0.00	0.00072
-9.00	0.00	0.00075	9.00	0.00	0.00101
11.00	0.00	0.00105	13.00	0.00	0.00109
15.00	0.00	0.00112	17.00	0.00	0.00115
20.00	0.00	0.00120	25.00	0.00	0.00125
30.00	0.00	0.00130	40.00	0.00	0.00135
50.00	0.00	0.00135	60.00	0.00	0.00129
70.00	0.00	0.00120	80.00	0.00	0.00110
90.00	0.00	0.00099	100.00	0.00	0.00089
-100.00	10.00	0.00016	-90.00	10.00	0.00018
-80.00	10.00	0.00021	-70.00	10.00	0.00024
-60.00	10.00	0.00028	-50.00	10.00	0.00033
-40.00	10.00	0.00041	-30.00	10.00	0.00051
-25.00	10.00	0.00058	-20.00	10.00	0.00066
-17.00	10.00	0.00072	-15.00	10.00	0.00076
-13.00	10.00	0.00080	-11.00	10.00	0.00084
-9.00	10.00	0.00088	9.00	10.00	0.00126
11.00	10.00	0.00132	13.00	10.00	0.00137
15.00	10.00	0.00141	17.00	10.00	0.00146

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**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	0.00151	25.00	10.00	0.00158
30.00	10.00	0.00164	40.00	10.00	0.00166
50.00	10.00	0.00159	60.00	10.00	0.00147
70.00	10.00	0.00133	80.00	10.00	0.00119

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

90.00	10.00	0.00107	100.00	10.00	0.00095
-100.00	20.00	0.00018	-90.00	20.00	0.00020
-80.00	20.00	0.00023	-70.00	20.00	0.00026
-60.00	20.00	0.00030	-50.00	20.00	0.00036
-40.00	20.00	0.00044	-30.00	20.00	0.00055
-25.00	20.00	0.00063	-20.00	20.00	0.00073
-17.00	20.00	0.00080	-15.00	20.00	0.00085
-13.00	20.00	0.00090	-11.00	20.00	0.00096
-9.00	20.00	0.00102	9.00	20.00	0.00162
11.00	20.00	0.00170	13.00	20.00	0.00177
15.00	20.00	0.00184	17.00	20.00	0.00189
20.00	20.00	0.00196	25.00	20.00	0.00204
30.00	20.00	0.00207	40.00	20.00	0.00199
50.00	20.00	0.00182	60.00	20.00	0.00164
70.00	20.00	0.00146	80.00	20.00	0.00129
90.00	20.00	0.00113	100.00	20.00	0.00099
-100.00	30.00	0.00019	-90.00	30.00	0.00021
-80.00	30.00	0.00024	-70.00	30.00	0.00028
-60.00	30.00	0.00033	-50.00	30.00	0.00039
-40.00	30.00	0.00048	-30.00	30.00	0.00060
-25.00	30.00	0.00068	-20.00	30.00	0.00079
-17.00	30.00	0.00088	-15.00	30.00	0.00094
-13.00	30.00	0.00101	-11.00	30.00	0.00108
-9.00	30.00	0.00117	9.00	30.00	0.00220
11.00	30.00	0.00231	13.00	30.00	0.00241
15.00	30.00	0.00249	17.00	30.00	0.00254
20.00	30.00	0.00259	25.00	30.00	0.00259
30.00	30.00	0.00252	40.00	30.00	0.00230
50.00	30.00	0.00205	60.00	30.00	0.00181
70.00	30.00	0.00157	80.00	30.00	0.00137
90.00	30.00	0.00118	100.00	30.00	0.00102
-100.00	40.00	0.00020	-90.00	40.00	0.00023
-80.00	40.00	0.00026	-70.00	40.00	0.00030
-60.00	40.00	0.00036	-50.00	40.00	0.00043
-40.00	40.00	0.00052	-30.00	40.00	0.00065
-25.00	40.00	0.00075	-20.00	40.00	0.00087

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

04/18/08

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

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00095	-15.00	40.00	0.00102
-13.00	40.00	0.00110	-11.00	40.00	0.00120
-9.00	40.00	0.00132	9.00	40.00	0.00322
11.00	40.00	0.00328	13.00	40.00	0.00330
15.00	40.00	0.00329	17.00	40.00	0.00327
20.00	40.00	0.00322	25.00	40.00	0.00309
30.00	40.00	0.00293	40.00	40.00	0.00259
50.00	40.00	0.00225	60.00	40.00	0.00194
70.00	40.00	0.00166	80.00	40.00	0.00142
90.00	40.00	0.00121	100.00	40.00	0.00104
-100.00	50.00	0.00021	-90.00	50.00	0.00024
-80.00	50.00	0.00028	-70.00	50.00	0.00033
-60.00	50.00	0.00039	-50.00	50.00	0.00047
-40.00	50.00	0.00057	-30.00	50.00	0.00073
-25.00	50.00	0.00083	-20.00	50.00	0.00097
-17.00	50.00	0.00108	-15.00	50.00	0.00116
-13.00	50.00	0.00127	-11.00	50.00	0.00141
-9.00	50.00	0.00160	9.00	50.00	0.00443
11.00	50.00	0.00427	13.00	50.00	0.00414
15.00	50.00	0.00403	17.00	50.00	0.00393
20.00	50.00	0.00378	25.00	50.00	0.00354
30.00	50.00	0.00330	40.00	50.00	0.00284
50.00	50.00	0.00241	60.00	50.00	0.00204
70.00	50.00	0.00172	80.00	50.00	0.00145
90.00	50.00	0.00122	100.00	50.00	0.00104
-100.00	60.00	0.00023	-90.00	60.00	0.00027
-80.00	60.00	0.00031	-70.00	60.00	0.00037
-60.00	60.00	0.00044	-50.00	60.00	0.00053
-40.00	60.00	0.00066	-30.00	60.00	0.00085
-25.00	60.00	0.00100	-20.00	60.00	0.00122
-17.00	60.00	0.00143	-15.00	60.00	0.00164
-13.00	60.00	0.00191	-11.00	60.00	0.00229
-9.00	60.00	0.00281	9.00	60.00	0.00576
11.00	60.00	0.00542	13.00	60.00	0.00514
15.00	60.00	0.00491	17.00	60.00	0.00470
20.00	60.00	0.00442	25.00	60.00	0.00401
30.00	60.00	0.00367	40.00	60.00	0.00307
50.00	60.00	0.00256	60.00	60.00	0.00213
70.00	60.00	0.00176	80.00	60.00	0.00147
90.00	60.00	0.00123	100.00	60.00	0.00105

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

18:38:57

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00025	-90.00	70.00	0.00029	
-80.00	70.00	0.00035	-70.00	70.00	0.00041	
-60.00	70.00	0.00050	-50.00	70.00	0.00062	
-40.00	70.00	0.00079	-30.00	70.00	0.00108	
-25.00	70.00	0.00136	-20.00	70.00	0.00183	
-17.00	70.00	0.00224	-15.00	70.00	0.00259	
-13.00	70.00	0.00302	-11.00	70.00	0.00354	
-9.00	70.00	0.00420	9.00	70.00	0.00676	
11.00	70.00	0.00633	13.00	70.00	0.00598	
15.00	70.00	0.00568	17.00	70.00	0.00540	
20.00	70.00	0.00503	25.00	70.00	0.00449	
30.00	70.00	0.00403	40.00	70.00	0.00327	
50.00	70.00	0.00266	60.00	70.00	0.00217	
70.00	70.00	0.00178	80.00	70.00	0.00147	
90.00	70.00	0.00124	100.00	70.00	0.00105	
-100.00	80.00	0.00027	-90.00	80.00	0.00032	
-80.00	80.00	0.00039	-70.00	80.00	0.00047	
-60.00	80.00	0.00058	-50.00	80.00	0.00073	
-40.00	80.00	0.00098	-30.00	80.00	0.00149	
-25.00	80.00	0.00194	-20.00	80.00	0.00259	
-17.00	80.00	0.00311	-15.00	80.00	0.00353	
-13.00	80.00	0.00402	-11.00	80.00	0.00460	
-9.00	80.00	0.00531	9.00	80.00	0.00749	
11.00	80.00	0.00699	13.00	80.00	0.00658	
15.00	80.00	0.00622	17.00	80.00	0.00590	
20.00	80.00	0.00547	25.00	80.00	0.00485	
30.00	80.00	0.00431	40.00	80.00	0.00342	
50.00	80.00	0.00272	60.00	80.00	0.00218	
70.00	80.00	0.00177	80.00	80.00	0.00146	
90.00	80.00	0.00123	100.00	80.00	0.00104	
-100.00	90.00	0.00030	-90.00	90.00	0.00036	
-80.00	90.00	0.00043	-70.00	90.00	0.00053	
-60.00	90.00	0.00067	-50.00	90.00	0.00088	
-40.00	90.00	0.00127	-30.00	90.00	0.00197	
-25.00	90.00	0.00252	-20.00	90.00	0.00327	
-17.00	90.00	0.00384	-15.00	90.00	0.00429	

		08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound			
-13.00	90.00	0.00481	-11.00	90.00	0.00541
-9.00	90.00	0.00612	9.00	90.00	0.00799
11.00	90.00	0.00743	13.00	90.00	0.00697
15.00	90.00	0.00656	17.00	90.00	0.00620

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00573	25.00	90.00	0.00504
30.00	90.00	0.00445	40.00	90.00	0.00347
50.00	90.00	0.00272	60.00	90.00	0.00217
70.00	90.00	0.00176	80.00	90.00	0.00145
90.00	90.00	0.00122	100.00	90.00	0.00103
-100.00	100.00	0.00033	-90.00	100.00	0.00039
-80.00	100.00	0.00048	-70.00	100.00	0.00060
-60.00	100.00	0.00078	-50.00	100.00	0.00108
-40.00	100.00	0.00159	-30.00	100.00	0.00242
-25.00	100.00	0.00303	-20.00	100.00	0.00382
-17.00	100.00	0.00442	-15.00	100.00	0.00488
-13.00	100.00	0.00540	-11.00	100.00	0.00600
-9.00	100.00	0.00671	9.00	100.00	0.00828
11.00	100.00	0.00766	13.00	100.00	0.00716
15.00	100.00	0.00672	17.00	100.00	0.00633
20.00	100.00	0.00580	25.00	100.00	0.00506
30.00	100.00	0.00442	40.00	100.00	0.00341
50.00	100.00	0.00267	60.00	100.00	0.00214
70.00	100.00	0.00174	80.00	100.00	0.00143
90.00	100.00	0.00119	100.00	100.00	0.00101
-100.00	110.00	0.00035	-90.00	110.00	0.00043
-80.00	110.00	0.00053	-70.00	110.00	0.00069
-60.00	110.00	0.00093	-50.00	110.00	0.00131
-40.00	110.00	0.00189	-30.00	110.00	0.00281
-25.00	110.00	0.00345	-20.00	110.00	0.00427
-17.00	110.00	0.00486	-15.00	110.00	0.00532
-13.00	110.00	0.00583	-11.00	110.00	0.00642
-9.00	110.00	0.00712	9.00	110.00	0.00834
11.00	110.00	0.00767	13.00	110.00	0.00713
15.00	110.00	0.00666	17.00	110.00	0.00623

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
20.00	110.00	0.00566	25.00	110.00	0.00486	
30.00	110.00	0.00422	40.00	110.00	0.00327	
50.00	110.00	0.00259	60.00	110.00	0.00208	
70.00	110.00	0.00170	80.00	110.00	0.00140	
90.00	110.00	0.00117	100.00	110.00	0.00099	
-100.00	120.00	0.00039	-90.00	120.00	0.00048	
-80.00	120.00	0.00060	-70.00	120.00	0.00079	
-60.00	120.00	0.00108	-50.00	120.00	0.00151	
-40.00	120.00	0.00215	-30.00	120.00	0.00313	
-25.00	120.00	0.00379	-20.00	120.00	0.00462	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00521	-15.00	120.00	0.00566
-13.00	120.00	0.00616	-11.00	120.00	0.00672
-9.00	120.00	0.00739	9.00	120.00	0.00811
11.00	120.00	0.00738	13.00	120.00	0.00679
15.00	120.00	0.00629	17.00	120.00	0.00585
20.00	120.00	0.00528	25.00	120.00	0.00453
30.00	120.00	0.00395	40.00	120.00	0.00309
50.00	120.00	0.00247	60.00	120.00	0.00200
70.00	120.00	0.00164	80.00	120.00	0.00136
90.00	120.00	0.00114	100.00	120.00	0.00097
-100.00	130.00	0.00043	-90.00	130.00	0.00053
-80.00	130.00	0.00069	-70.00	130.00	0.00091
-60.00	130.00	0.00123	-50.00	130.00	0.00170
-40.00	130.00	0.00238	-30.00	130.00	0.00337
-25.00	130.00	0.00404	-20.00	130.00	0.00487
-17.00	130.00	0.00546	-15.00	130.00	0.00590
-13.00	130.00	0.00639	-11.00	130.00	0.00694
-9.00	130.00	0.00757	9.00	130.00	0.00735
11.00	130.00	0.00667	13.00	130.00	0.00612
15.00	130.00	0.00569	17.00	130.00	0.00531
20.00	130.00	0.00483	25.00	130.00	0.00418
30.00	130.00	0.00367	40.00	130.00	0.00290
50.00	130.00	0.00234	60.00	130.00	0.00192
70.00	130.00	0.00159	80.00	130.00	0.00133

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00112	100.00	130.00	0.00096
-100.00	140.00	0.00047	-90.00	140.00	0.00060
-80.00	140.00	0.00077	-70.00	140.00	0.00102
-60.00	140.00	0.00136	-50.00	140.00	0.00185
-40.00	140.00	0.00255	-30.00	140.00	0.00355
-25.00	140.00	0.00422	-20.00	140.00	0.00503
-17.00	140.00	0.00560	-15.00	140.00	0.00602
-13.00	140.00	0.00648	-11.00	140.00	0.00698
-9.00	140.00	0.00754	9.00	140.00	0.00628
11.00	140.00	0.00585	13.00	140.00	0.00546
15.00	140.00	0.00511	17.00	140.00	0.00480
20.00	140.00	0.00440	25.00	140.00	0.00384
30.00	140.00	0.00338	40.00	140.00	0.00270
50.00	140.00	0.00220	60.00	140.00	0.00182
70.00	140.00	0.00152	80.00	140.00	0.00128
90.00	140.00	0.00109	100.00	140.00	0.00094

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00052	-90.00	150.00	0.00066
-80.00	150.00	0.00085	-70.00	150.00	0.00111
-60.00	150.00	0.00147	-50.00	150.00	0.00196
-40.00	150.00	0.00266	-30.00	150.00	0.00363
-25.00	150.00	0.00426	-20.00	150.00	0.00498
-17.00	150.00	0.00544	-15.00	150.00	0.00575
-13.00	150.00	0.00604	-11.00	150.00	0.00630
-9.00	150.00	0.00651	9.00	150.00	0.00505
11.00	150.00	0.00478	13.00	150.00	0.00454
15.00	150.00	0.00432	17.00	150.00	0.00411
20.00	150.00	0.00383	25.00	150.00	0.00341
30.00	150.00	0.00305	40.00	150.00	0.00247
50.00	150.00	0.00204	60.00	150.00	0.00170
70.00	150.00	0.00144	80.00	150.00	0.00122
90.00	150.00	0.00105	100.00	150.00	0.00090
-100.00	160.00	0.00057	-90.00	160.00	0.00072
-80.00	160.00	0.00092	-70.00	160.00	0.00118
-60.00	160.00	0.00154	-50.00	160.00	0.00203

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-40.00	160.00	0.00269	-30.00	160.00	0.00356	
-25.00	160.00	0.00405	-20.00	160.00	0.00453	
-17.00	160.00	0.00479	-15.00	160.00	0.00494	
-13.00	160.00	0.00507	-11.00	160.00	0.00517	
-9.00	160.00	0.00524	9.00	160.00	0.00410	
11.00	160.00	0.00391	13.00	160.00	0.00374	
15.00	160.00	0.00357	17.00	160.00	0.00342	
20.00	160.00	0.00322	25.00	160.00	0.00292	
30.00	160.00	0.00266	40.00	160.00	0.00222	
50.00	160.00	0.00187	60.00	160.00	0.00158	
70.00	160.00	0.00135	80.00	160.00	0.00115	
90.00	160.00	0.00100	100.00	160.00	0.00087	
-100.00	170.00	0.00061	-90.00	170.00	0.00077	
-80.00	170.00	0.00097	-70.00	170.00	0.00124	
-60.00	170.00	0.00159	-50.00	170.00	0.00205	
-40.00	170.00	0.00264	-30.00	170.00	0.00329	
-25.00	170.00	0.00360	-20.00	170.00	0.00388	
-17.00	170.00	0.00402	-15.00	170.00	0.00410	
-13.00	170.00	0.00416	-11.00	170.00	0.00420	
-9.00	170.00	0.00421	9.00	170.00	0.00337	
11.00	170.00	0.00324	13.00	170.00	0.00311	
15.00	170.00	0.00299	17.00	170.00	0.00288	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTS:
 PAGE 59
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00272	25.00	170.00	0.00249
30.00	170.00	0.00229	40.00	170.00	0.00196
50.00	170.00	0.00168	60.00	170.00	0.00145
70.00	170.00	0.00125	80.00	170.00	0.00109
90.00	170.00	0.00095	100.00	170.00	0.00083
-100.00	180.00	0.00065	-90.00	180.00	0.00081
-80.00	180.00	0.00101	-70.00	180.00	0.00127
-60.00	180.00	0.00160	-50.00	180.00	0.00201
-40.00	180.00	0.00246	-30.00	180.00	0.00291
-25.00	180.00	0.00311	-20.00	180.00	0.00328
-17.00	180.00	0.00335	-15.00	180.00	0.00339
-13.00	180.00	0.00342	-11.00	180.00	0.00343

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-9.00	180.00	0.00342	9.00	180.00	0.00280	
11.00	180.00	0.00271	13.00	180.00	0.00262	
15.00	180.00	0.00253	17.00	180.00	0.00244	
20.00	180.00	0.00232	25.00	180.00	0.00214	
30.00	180.00	0.00197	40.00	180.00	0.00171	
50.00	180.00	0.00150	60.00	180.00	0.00131	
70.00	180.00	0.00115	80.00	180.00	0.00102	
90.00	180.00	0.00089	100.00	180.00	0.00079	
-100.00	190.00	0.00068	-90.00	190.00	0.00084	
-80.00	190.00	0.00103	-70.00	190.00	0.00128	
-60.00	190.00	0.00157	-50.00	190.00	0.00190	
-40.00	190.00	0.00223	-30.00	190.00	0.00254	
-25.00	190.00	0.00267	-20.00	190.00	0.00277	
-17.00	190.00	0.00281	-15.00	190.00	0.00282	
-13.00	190.00	0.00283	-11.00	190.00	0.00283	
-9.00	190.00	0.00282	9.00	190.00	0.00235	
11.00	190.00	0.00229	13.00	190.00	0.00222	
15.00	190.00	0.00216	17.00	190.00	0.00209	
20.00	190.00	0.00200	25.00	190.00	0.00185	
30.00	190.00	0.00172	40.00	190.00	0.00150	
50.00	190.00	0.00132	60.00	190.00	0.00118	
70.00	190.00	0.00105	80.00	190.00	0.00094	
90.00	190.00	0.00084	100.00	190.00	0.00075	
-100.00	200.00	0.00070	-90.00	200.00	0.00086	
-80.00	200.00	0.00104	-70.00	200.00	0.00126	
-60.00	200.00	0.00150	-50.00	200.00	0.00175	
-40.00	200.00	0.00199	-30.00	200.00	0.00221	
-25.00	200.00	0.00229	-20.00	200.00	0.00235	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00237	-15.00	200.00	0.00238
-13.00	200.00	0.00238	-11.00	200.00	0.00237
-9.00	200.00	0.00236	9.00	200.00	0.00200
11.00	200.00	0.00195	13.00	200.00	0.00190
15.00	200.00	0.00185	17.00	200.00	0.00180
20.00	200.00	0.00173	25.00	200.00	0.00162

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00151	40.00	200.00	0.00133
50.00	200.00	0.00118	60.00	200.00	0.00106
70.00	200.00	0.00095	80.00	200.00	0.00086
90.00	200.00	0.00078	100.00	200.00	0.00070
-100.00	210.00	0.00072	-90.00	210.00	0.00086
-80.00	210.00	0.00103	-70.00	210.00	0.00121
-60.00	210.00	0.00140	-50.00	210.00	0.00159
-40.00	210.00	0.00177	-30.00	210.00	0.00192
-25.00	210.00	0.00198	-20.00	210.00	0.00201
-17.00	210.00	0.00202	-15.00	210.00	0.00202
-13.00	210.00	0.00202	-11.00	210.00	0.00201
-9.00	210.00	0.00199	9.00	210.00	0.00172
11.00	210.00	0.00168	13.00	210.00	0.00164
15.00	210.00	0.00160	17.00	210.00	0.00157
20.00	210.00	0.00151	25.00	210.00	0.00142
30.00	210.00	0.00133	40.00	210.00	0.00118
50.00	210.00	0.00105	60.00	210.00	0.00095
70.00	210.00	0.00086	80.00	210.00	0.00079
90.00	210.00	0.00072	100.00	210.00	0.00065
-100.00	220.00	0.00073	-90.00	220.00	0.00085
-80.00	220.00	0.00099	-70.00	220.00	0.00114
-60.00	220.00	0.00129	-50.00	220.00	0.00144
-40.00	220.00	0.00158	-30.00	220.00	0.00168
-25.00	220.00	0.00172	-20.00	220.00	0.00174
-17.00	220.00	0.00174	-15.00	220.00	0.00174
-13.00	220.00	0.00173	-11.00	220.00	0.00172
-9.00	220.00	0.00171	9.00	220.00	0.00149
11.00	220.00	0.00146	13.00	220.00	0.00143
15.00	220.00	0.00140	17.00	220.00	0.00137
20.00	220.00	0.00133	25.00	220.00	0.00126
30.00	220.00	0.00118	40.00	220.00	0.00106
50.00	220.00	0.00095	60.00	220.00	0.00086
70.00	220.00	0.00078	80.00	220.00	0.00072
90.00	220.00	0.00066	100.00	220.00	0.00061

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-100.00	230.00	0.00072	-90.00	230.00	0.00083
-80.00	230.00	0.00095	-70.00	230.00	0.00107
-60.00	230.00	0.00119	-50.00	230.00	0.00130
-40.00	230.00	0.00140	-30.00	230.00	0.00148
-25.00	230.00	0.00150	-20.00	230.00	0.00151
-17.00	230.00	0.00151	-15.00	230.00	0.00151
-13.00	230.00	0.00150	-11.00	230.00	0.00149
-9.00	230.00	0.00148	9.00	230.00	0.00130
11.00	230.00	0.00128	13.00	230.00	0.00125
15.00	230.00	0.00123	17.00	230.00	0.00121
20.00	230.00	0.00117	25.00	230.00	0.00112
30.00	230.00	0.00106	40.00	230.00	0.00095
50.00	230.00	0.00086	60.00	230.00	0.00078
70.00	230.00	0.00071	80.00	230.00	0.00066
90.00	230.00	0.00061	100.00	230.00	0.00056
-100.00	240.00	0.00070	-90.00	240.00	0.00080
-80.00	240.00	0.00089	-70.00	240.00	0.00099
-60.00	240.00	0.00109	-50.00	240.00	0.00118
-40.00	240.00	0.00126	-30.00	240.00	0.00131
-25.00	240.00	0.00132	-20.00	240.00	0.00133
-17.00	240.00	0.00132	-15.00	240.00	0.00132
-13.00	240.00	0.00131	-11.00	240.00	0.00130
-9.00	240.00	0.00129	9.00	240.00	0.00115
11.00	240.00	0.00113	13.00	240.00	0.00111
15.00	240.00	0.00109	17.00	240.00	0.00107
20.00	240.00	0.00105	25.00	240.00	0.00100
30.00	240.00	0.00095	40.00	240.00	0.00086
50.00	240.00	0.00078	60.00	240.00	0.00071
70.00	240.00	0.00065	80.00	240.00	0.00060
90.00	240.00	0.00056	100.00	240.00	0.00052
-100.00	250.00	0.00068	-90.00	250.00	0.00076
-80.00	250.00	0.00084	-70.00	250.00	0.00092
-60.00	250.00	0.00100	-50.00	250.00	0.00107
-40.00	250.00	0.00113	-30.00	250.00	0.00116
-25.00	250.00	0.00117	-20.00	250.00	0.00117
-17.00	250.00	0.00117	-15.00	250.00	0.00116
-13.00	250.00	0.00116	-11.00	250.00	0.00115
-9.00	250.00	0.00114	9.00	250.00	0.00102
11.00	250.00	0.00100	13.00	250.00	0.00099
15.00	250.00	0.00097	17.00	250.00	0.00096

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

18:38:57

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00094	25.00	250.00	0.00090
30.00	250.00	0.00086	40.00	250.00	0.00078
50.00	250.00	0.00071	60.00	250.00	0.00065
70.00	250.00	0.00060	80.00	250.00	0.00056
90.00	250.00	0.00052	100.00	250.00	0.00048

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

18:38:57

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
11.00	-240.00	0.00016	13.00	-240.00	0.00016	
15.00	-240.00	0.00016	17.00	-240.00	0.00016	
20.00	-240.00	0.00016	25.00	-240.00	0.00017	
30.00	-240.00	0.00017	40.00	-240.00	0.00018	
50.00	-240.00	0.00019	60.00	-240.00	0.00020	
70.00	-240.00	0.00021	80.00	-240.00	0.00021	
90.00	-240.00	0.00021	100.00	-240.00	0.00021	
-100.00	-230.00	0.00008	-90.00	-230.00	0.00008	
-80.00	-230.00	0.00009	-70.00	-230.00	0.00010	
-60.00	-230.00	0.00011	-50.00	-230.00	0.00012	
-40.00	-230.00	0.00013	-30.00	-230.00	0.00014	
-25.00	-230.00	0.00014	-20.00	-230.00	0.00015	
-17.00	-230.00	0.00015	-15.00	-230.00	0.00015	
-13.00	-230.00	0.00015	-11.00	-230.00	0.00015	
-9.00	-230.00	0.00015	9.00	-230.00	0.00017	
11.00	-230.00	0.00017	13.00	-230.00	0.00017	
15.00	-230.00	0.00017	17.00	-230.00	0.00017	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00018	25.00	-230.00	0.00018
30.00	-230.00	0.00019	40.00	-230.00	0.00020
50.00	-230.00	0.00021	60.00	-230.00	0.00022
70.00	-230.00	0.00022	80.00	-230.00	0.00023
90.00	-230.00	0.00023	100.00	-230.00	0.00023
-100.00	-220.00	0.00008	-90.00	-220.00	0.00009
-80.00	-220.00	0.00010	-70.00	-220.00	0.00011
-60.00	-220.00	0.00012	-50.00	-220.00	0.00013
-40.00	-220.00	0.00014	-30.00	-220.00	0.00015
-25.00	-220.00	0.00015	-20.00	-220.00	0.00016
-17.00	-220.00	0.00016	-15.00	-220.00	0.00016
-13.00	-220.00	0.00016	-11.00	-220.00	0.00017
-9.00	-220.00	0.00017	9.00	-220.00	0.00018
11.00	-220.00	0.00018	13.00	-220.00	0.00019
15.00	-220.00	0.00019	17.00	-220.00	0.00019
20.00	-220.00	0.00019	25.00	-220.00	0.00020
30.00	-220.00	0.00020	40.00	-220.00	0.00022

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
50.00	-220.00	0.00023	60.00	-220.00	0.00024	
70.00	-220.00	0.00024	80.00	-220.00	0.00025	
90.00	-220.00	0.00025	100.00	-220.00	0.00025	
-100.00	-210.00	0.00008	-90.00	-210.00	0.00009	
-80.00	-210.00	0.00010	-70.00	-210.00	0.00011	
-60.00	-210.00	0.00012	-50.00	-210.00	0.00013	
-40.00	-210.00	0.00015	-30.00	-210.00	0.00016	
-25.00	-210.00	0.00017	-20.00	-210.00	0.00017	
-17.00	-210.00	0.00017	-15.00	-210.00	0.00018	
-13.00	-210.00	0.00018	-11.00	-210.00	0.00018	
-9.00	-210.00	0.00018	9.00	-210.00	0.00020	
11.00	-210.00	0.00020	13.00	-210.00	0.00020	
15.00	-210.00	0.00020	17.00	-210.00	0.00021	
20.00	-210.00	0.00021	25.00	-210.00	0.00022	
30.00	-210.00	0.00023	40.00	-210.00	0.00024	
50.00	-210.00	0.00025	60.00	-210.00	0.00026	
70.00	-210.00	0.00027	80.00	-210.00	0.00027	
90.00	-210.00	0.00027	100.00	-210.00	0.00027	
-100.00	-200.00	0.00009	-90.00	-200.00	0.00010	
-80.00	-200.00	0.00011	-70.00	-200.00	0.00012	
-60.00	-200.00	0.00013	-50.00	-200.00	0.00014	
-40.00	-200.00	0.00016	-30.00	-200.00	0.00017	
-25.00	-200.00	0.00018	-20.00	-200.00	0.00019	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
 PAGE 65
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00019	-15.00	-200.00	0.00019
-13.00	-200.00	0.00019	-11.00	-200.00	0.00020
-9.00	-200.00	0.00020	9.00	-200.00	0.00022
11.00	-200.00	0.00022	13.00	-200.00	0.00022
15.00	-200.00	0.00023	17.00	-200.00	0.00023
20.00	-200.00	0.00023	25.00	-200.00	0.00024
30.00	-200.00	0.00025	40.00	-200.00	0.00027
50.00	-200.00	0.00028	60.00	-200.00	0.00029
70.00	-200.00	0.00029	80.00	-200.00	0.00030
90.00	-200.00	0.00030	100.00	-200.00	0.00030
-100.00	-190.00	0.00009	-90.00	-190.00	0.00010

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00011	-70.00	-190.00	0.00012
-60.00	-190.00	0.00014	-50.00	-190.00	0.00015
-40.00	-190.00	0.00017	-30.00	-190.00	0.00019
-25.00	-190.00	0.00020	-20.00	-190.00	0.00020
-17.00	-190.00	0.00021	-15.00	-190.00	0.00021
-13.00	-190.00	0.00021	-11.00	-190.00	0.00022
-9.00	-190.00	0.00022	9.00	-190.00	0.00024
11.00	-190.00	0.00024	13.00	-190.00	0.00025
15.00	-190.00	0.00025	17.00	-190.00	0.00025
20.00	-190.00	0.00026	25.00	-190.00	0.00027
30.00	-190.00	0.00028	40.00	-190.00	0.00030
50.00	-190.00	0.00031	60.00	-190.00	0.00032
70.00	-190.00	0.00033	80.00	-190.00	0.00033
90.00	-190.00	0.00033	100.00	-190.00	0.00033
-100.00	-180.00	0.00009	-90.00	-180.00	0.00010
-80.00	-180.00	0.00012	-70.00	-180.00	0.00013
-60.00	-180.00	0.00015	-50.00	-180.00	0.00016
-40.00	-180.00	0.00018	-30.00	-180.00	0.00020
-25.00	-180.00	0.00021	-20.00	-180.00	0.00022
-17.00	-180.00	0.00023	-15.00	-180.00	0.00023
-13.00	-180.00	0.00023	-11.00	-180.00	0.00024
-9.00	-180.00	0.00024	9.00	-180.00	0.00027
11.00	-180.00	0.00027	13.00	-180.00	0.00027
15.00	-180.00	0.00028	17.00	-180.00	0.00028
20.00	-180.00	0.00029	25.00	-180.00	0.00030
30.00	-180.00	0.00031	40.00	-180.00	0.00033
50.00	-180.00	0.00035	60.00	-180.00	0.00036
70.00	-180.00	0.00036	80.00	-180.00	0.00037
90.00	-180.00	0.00037	100.00	-180.00	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**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	0.00010	-90.00	-170.00	0.00011
-80.00	-170.00	0.00012	-70.00	-170.00	0.00014
-60.00	-170.00	0.00016	-50.00	-170.00	0.00018
-40.00	-170.00	0.00020	-30.00	-170.00	0.00022
-25.00	-170.00	0.00023	-20.00	-170.00	0.00024

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00025	-15.00	-170.00	0.00026
-13.00	-170.00	0.00026	-11.00	-170.00	0.00026
-9.00	-170.00	0.00027	9.00	-170.00	0.00030
11.00	-170.00	0.00030	13.00	-170.00	0.00031
15.00	-170.00	0.00031	17.00	-170.00	0.00032
20.00	-170.00	0.00032	25.00	-170.00	0.00034
30.00	-170.00	0.00035	40.00	-170.00	0.00038
50.00	-170.00	0.00039	60.00	-170.00	0.00040
70.00	-170.00	0.00041	80.00	-170.00	0.00041
90.00	-170.00	0.00041	100.00	-170.00	0.00041
-100.00	-160.00	0.00010	-90.00	-160.00	0.00011
-80.00	-160.00	0.00013	-70.00	-160.00	0.00015
-60.00	-160.00	0.00017	-50.00	-160.00	0.00019
-40.00	-160.00	0.00021	-30.00	-160.00	0.00024
-25.00	-160.00	0.00026	-20.00	-160.00	0.00027
-17.00	-160.00	0.00028	-15.00	-160.00	0.00028
-13.00	-160.00	0.00029	-11.00	-160.00	0.00029
-9.00	-160.00	0.00030	9.00	-160.00	0.00033
11.00	-160.00	0.00034	13.00	-160.00	0.00035
15.00	-160.00	0.00035	17.00	-160.00	0.00036
20.00	-160.00	0.00037	25.00	-160.00	0.00038
30.00	-160.00	0.00040	40.00	-160.00	0.00043
50.00	-160.00	0.00044	60.00	-160.00	0.00045
70.00	-160.00	0.00046	80.00	-160.00	0.00046
90.00	-160.00	0.00046	100.00	-160.00	0.00046
-100.00	-150.00	0.00011	-90.00	-150.00	0.00012
-80.00	-150.00	0.00013	-70.00	-150.00	0.00015
-60.00	-150.00	0.00018	-50.00	-150.00	0.00020
-40.00	-150.00	0.00023	-30.00	-150.00	0.00027
-25.00	-150.00	0.00028	-20.00	-150.00	0.00030
-17.00	-150.00	0.00031	-15.00	-150.00	0.00032
-13.00	-150.00	0.00032	-11.00	-150.00	0.00033
-9.00	-150.00	0.00033	9.00	-150.00	0.00038
11.00	-150.00	0.00039	13.00	-150.00	0.00039
15.00	-150.00	0.00040	17.00	-150.00	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08

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

18:38:57

**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 **

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

20.00	-150.00	0.00042	25.00	-150.00	0.00044
30.00	-150.00	0.00046	40.00	-150.00	0.00049
50.00	-150.00	0.00050	60.00	-150.00	0.00051
70.00	-150.00	0.00052	80.00	-150.00	0.00052
90.00	-150.00	0.00052	100.00	-150.00	0.00052
-100.00	-140.00	0.00011	-90.00	-140.00	0.00012
-80.00	-140.00	0.00014	-70.00	-140.00	0.00016
-60.00	-140.00	0.00019	-50.00	-140.00	0.00022
-40.00	-140.00	0.00025	-30.00	-140.00	0.00029
-25.00	-140.00	0.00031	-20.00	-140.00	0.00033
-17.00	-140.00	0.00035	-15.00	-140.00	0.00035
-13.00	-140.00	0.00036	-11.00	-140.00	0.00037
-9.00	-140.00	0.00037	9.00	-140.00	0.00043
11.00	-140.00	0.00044	13.00	-140.00	0.00045
15.00	-140.00	0.00046	17.00	-140.00	0.00047
20.00	-140.00	0.00048	25.00	-140.00	0.00051
30.00	-140.00	0.00053	40.00	-140.00	0.00056
50.00	-140.00	0.00058	60.00	-140.00	0.00059
70.00	-140.00	0.00059	80.00	-140.00	0.00060
90.00	-140.00	0.00059	100.00	-140.00	0.00058
-100.00	-130.00	0.00012	-90.00	-130.00	0.00013
-80.00	-130.00	0.00015	-70.00	-130.00	0.00017
-60.00	-130.00	0.00020	-50.00	-130.00	0.00023
-40.00	-130.00	0.00028	-30.00	-130.00	0.00032
-25.00	-130.00	0.00035	-20.00	-130.00	0.00037
-17.00	-130.00	0.00039	-15.00	-130.00	0.00040
-13.00	-130.00	0.00041	-11.00	-130.00	0.00042
-9.00	-130.00	0.00042	9.00	-130.00	0.00050
11.00	-130.00	0.00051	13.00	-130.00	0.00052
15.00	-130.00	0.00053	17.00	-130.00	0.00055
20.00	-130.00	0.00056	25.00	-130.00	0.00059
30.00	-130.00	0.00062	40.00	-130.00	0.00065
50.00	-130.00	0.00067	60.00	-130.00	0.00068
70.00	-130.00	0.00069	80.00	-130.00	0.00068
90.00	-130.00	0.00067	100.00	-130.00	0.00065
-100.00	-120.00	0.00012	-90.00	-120.00	0.00014
-80.00	-120.00	0.00016	-70.00	-120.00	0.00018
-60.00	-120.00	0.00021	-50.00	-120.00	0.00025
-40.00	-120.00	0.00030	-30.00	-120.00	0.00036
-25.00	-120.00	0.00039	-20.00	-120.00	0.00042

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

18:38:57
**MODELOPTS:
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*** 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	0.00044	-15.00	-120.00	0.00045	
-13.00	-120.00	0.00046	-11.00	-120.00	0.00047	
-9.00	-120.00	0.00049	9.00	-120.00	0.00058	
11.00	-120.00	0.00060	13.00	-120.00	0.00061	
15.00	-120.00	0.00063	17.00	-120.00	0.00064	
20.00	-120.00	0.00067	25.00	-120.00	0.00070	
30.00	-120.00	0.00073	40.00	-120.00	0.00076	
50.00	-120.00	0.00078	60.00	-120.00	0.00080	
70.00	-120.00	0.00080	80.00	-120.00	0.00078	
90.00	-120.00	0.00075	100.00	-120.00	0.00071	
-100.00	-110.00	0.00013	-90.00	-110.00	0.00015	
-80.00	-110.00	0.00017	-70.00	-110.00	0.00019	
-60.00	-110.00	0.00023	-50.00	-110.00	0.00027	
-40.00	-110.00	0.00032	-30.00	-110.00	0.00039	
-25.00	-110.00	0.00043	-20.00	-110.00	0.00047	
-17.00	-110.00	0.00050	-15.00	-110.00	0.00051	
-13.00	-110.00	0.00053	-11.00	-110.00	0.00054	
-9.00	-110.00	0.00056	9.00	-110.00	0.00069	
11.00	-110.00	0.00071	13.00	-110.00	0.00073	
15.00	-110.00	0.00075	17.00	-110.00	0.00077	
20.00	-110.00	0.00080	25.00	-110.00	0.00084	
30.00	-110.00	0.00087	40.00	-110.00	0.00091	
50.00	-110.00	0.00093	60.00	-110.00	0.00094	
70.00	-110.00	0.00092	80.00	-110.00	0.00089	
90.00	-110.00	0.00084	100.00	-110.00	0.00078	
-100.00	-100.00	0.00014	-90.00	-100.00	0.00016	
-80.00	-100.00	0.00018	-70.00	-100.00	0.00020	
-60.00	-100.00	0.00024	-50.00	-100.00	0.00029	
-40.00	-100.00	0.00035	-30.00	-100.00	0.00043	
-25.00	-100.00	0.00048	-20.00	-100.00	0.00053	
-17.00	-100.00	0.00056	-15.00	-100.00	0.00058	
-13.00	-100.00	0.00061	-11.00	-100.00	0.00063	
-9.00	-100.00	0.00065	9.00	-100.00	0.00083	
11.00	-100.00	0.00085	13.00	-100.00	0.00088	
15.00	-100.00	0.00091	17.00	-100.00	0.00093	
20.00	-100.00	0.00097	25.00	-100.00	0.00102	
30.00	-100.00	0.00105	40.00	-100.00	0.00110	

50.00	-100.00	08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound 0.00112	60.00	-100.00	0.00111
70.00	-100.00	0.00106	80.00	-100.00	0.00099
90.00	-100.00	0.00092	100.00	-100.00	0.00084

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00015	-90.00	-90.00	0.00017
-80.00	-90.00	0.00019	-70.00	-90.00	0.00022
-60.00	-90.00	0.00026	-50.00	-90.00	0.00031
-40.00	-90.00	0.00038	-30.00	-90.00	0.00047
-25.00	-90.00	0.00053	-20.00	-90.00	0.00060
-17.00	-90.00	0.00064	-15.00	-90.00	0.00067
-13.00	-90.00	0.00070	-11.00	-90.00	0.00072
-9.00	-90.00	0.00075	9.00	-90.00	0.00101
11.00	-90.00	0.00105	13.00	-90.00	0.00109
15.00	-90.00	0.00112	17.00	-90.00	0.00115
20.00	-90.00	0.00120	25.00	-90.00	0.00125
30.00	-90.00	0.00130	40.00	-90.00	0.00135
50.00	-90.00	0.00135	60.00	-90.00	0.00129
70.00	-90.00	0.00120	80.00	-90.00	0.00110
90.00	-90.00	0.00099	100.00	-90.00	0.00089
-100.00	-80.00	0.00016	-90.00	-80.00	0.00018
-80.00	-80.00	0.00021	-70.00	-80.00	0.00024
-60.00	-80.00	0.00028	-50.00	-80.00	0.00033
-40.00	-80.00	0.00041	-30.00	-80.00	0.00051
-25.00	-80.00	0.00058	-20.00	-80.00	0.00066
-17.00	-80.00	0.00072	-15.00	-80.00	0.00076
-13.00	-80.00	0.00080	-11.00	-80.00	0.00084
-9.00	-80.00	0.00088	9.00	-80.00	0.00126
11.00	-80.00	0.00132	13.00	-80.00	0.00137
15.00	-80.00	0.00141	17.00	-80.00	0.00146
20.00	-80.00	0.00151	25.00	-80.00	0.00158
30.00	-80.00	0.00164	40.00	-80.00	0.00166
50.00	-80.00	0.00159	60.00	-80.00	0.00147
70.00	-80.00	0.00133	80.00	-80.00	0.00119
90.00	-80.00	0.00107	100.00	-80.00	0.00095
-100.00	-70.00	0.00018	-90.00	-70.00	0.00020

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-80.00	-70.00	0.00023	-70.00	-70.00	0.00026	
-60.00	-70.00	0.00030	-50.00	-70.00	0.00036	
-40.00	-70.00	0.00044	-30.00	-70.00	0.00055	
-25.00	-70.00	0.00063	-20.00	-70.00	0.00073	
-17.00	-70.00	0.00080	-15.00	-70.00	0.00085	
-13.00	-70.00	0.00090	-11.00	-70.00	0.00096	
-9.00	-70.00	0.00102	9.00	-70.00	0.00162	
11.00	-70.00	0.00170	13.00	-70.00	0.00177	
15.00	-70.00	0.00184	17.00	-70.00	0.00189	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00196	25.00	-70.00	0.00204
30.00	-70.00	0.00207	40.00	-70.00	0.00199
50.00	-70.00	0.00182	60.00	-70.00	0.00164
70.00	-70.00	0.00146	80.00	-70.00	0.00129
90.00	-70.00	0.00113	100.00	-70.00	0.00099
-100.00	-60.00	0.00019	-90.00	-60.00	0.00021
-80.00	-60.00	0.00024	-70.00	-60.00	0.00028
-60.00	-60.00	0.00033	-50.00	-60.00	0.00039
-40.00	-60.00	0.00048	-30.00	-60.00	0.00060
-25.00	-60.00	0.00068	-20.00	-60.00	0.00079
-17.00	-60.00	0.00088	-15.00	-60.00	0.00094
-13.00	-60.00	0.00101	-11.00	-60.00	0.00108
-9.00	-60.00	0.00117	9.00	-60.00	0.00220
11.00	-60.00	0.00231	13.00	-60.00	0.00241
15.00	-60.00	0.00249	17.00	-60.00	0.00254
20.00	-60.00	0.00259	25.00	-60.00	0.00259
30.00	-60.00	0.00252	40.00	-60.00	0.00230
50.00	-60.00	0.00205	60.00	-60.00	0.00181
70.00	-60.00	0.00157	80.00	-60.00	0.00137
90.00	-60.00	0.00118	100.00	-60.00	0.00102
-100.00	-50.00	0.00020	-90.00	-50.00	0.00023
-80.00	-50.00	0.00026	-70.00	-50.00	0.00030
-60.00	-50.00	0.00036	-50.00	-50.00	0.00043
-40.00	-50.00	0.00052	-30.00	-50.00	0.00065
-25.00	-50.00	0.00075	-20.00	-50.00	0.00087

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-17.00	-50.00	0.00095	-15.00	-50.00	0.00102	
-13.00	-50.00	0.00110	-11.00	-50.00	0.00120	
-9.00	-50.00	0.00132	9.00	-50.00	0.00322	
11.00	-50.00	0.00328	13.00	-50.00	0.00330	
15.00	-50.00	0.00329	17.00	-50.00	0.00327	
20.00	-50.00	0.00322	25.00	-50.00	0.00309	
30.00	-50.00	0.00293	40.00	-50.00	0.00259	
50.00	-50.00	0.00225	60.00	-50.00	0.00194	
70.00	-50.00	0.00166	80.00	-50.00	0.00142	
90.00	-50.00	0.00121	100.00	-50.00	0.00104	
-100.00	-40.00	0.00021	-90.00	-40.00	0.00024	
-80.00	-40.00	0.00028	-70.00	-40.00	0.00033	
-60.00	-40.00	0.00039	-50.00	-40.00	0.00047	
-40.00	-40.00	0.00057	-30.00	-40.00	0.00073	
-25.00	-40.00	0.00083	-20.00	-40.00	0.00097	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00108	-15.00	-40.00	0.00116
-13.00	-40.00	0.00127	-11.00	-40.00	0.00141
-9.00	-40.00	0.00160	9.00	-40.00	0.00443
11.00	-40.00	0.00427	13.00	-40.00	0.00414
15.00	-40.00	0.00403	17.00	-40.00	0.00393
20.00	-40.00	0.00378	25.00	-40.00	0.00354
30.00	-40.00	0.00330	40.00	-40.00	0.00284
50.00	-40.00	0.00241	60.00	-40.00	0.00204
70.00	-40.00	0.00172	80.00	-40.00	0.00145
90.00	-40.00	0.00122	100.00	-40.00	0.00104
-100.00	-30.00	0.00023	-90.00	-30.00	0.00027
-80.00	-30.00	0.00031	-70.00	-30.00	0.00037
-60.00	-30.00	0.00044	-50.00	-30.00	0.00053
-40.00	-30.00	0.00066	-30.00	-30.00	0.00085
-25.00	-30.00	0.00100	-20.00	-30.00	0.00122
-17.00	-30.00	0.00143	-15.00	-30.00	0.00164
-13.00	-30.00	0.00191	-11.00	-30.00	0.00229
-9.00	-30.00	0.00281	9.00	-30.00	0.00576
11.00	-30.00	0.00542	13.00	-30.00	0.00514

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00491	17.00	-30.00	0.00470
20.00	-30.00	0.00442	25.00	-30.00	0.00401
30.00	-30.00	0.00367	40.00	-30.00	0.00307
50.00	-30.00	0.00256	60.00	-30.00	0.00213
70.00	-30.00	0.00176	80.00	-30.00	0.00147
90.00	-30.00	0.00123	100.00	-30.00	0.00105
-100.00	-20.00	0.00025	-90.00	-20.00	0.00029
-80.00	-20.00	0.00035	-70.00	-20.00	0.00041
-60.00	-20.00	0.00050	-50.00	-20.00	0.00062
-40.00	-20.00	0.00079	-30.00	-20.00	0.00108
-25.00	-20.00	0.00136	-20.00	-20.00	0.00183
-17.00	-20.00	0.00224	-15.00	-20.00	0.00259
-13.00	-20.00	0.00302	-11.00	-20.00	0.00354
-9.00	-20.00	0.00420	9.00	-20.00	0.00676
11.00	-20.00	0.00633	13.00	-20.00	0.00598
15.00	-20.00	0.00568	17.00	-20.00	0.00540
20.00	-20.00	0.00503	25.00	-20.00	0.00449
30.00	-20.00	0.00403	40.00	-20.00	0.00327
50.00	-20.00	0.00266	60.00	-20.00	0.00217
70.00	-20.00	0.00178	80.00	-20.00	0.00147
90.00	-20.00	0.00124	100.00	-20.00	0.00105

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00027	-90.00	-10.00	0.00032
-80.00	-10.00	0.00039	-70.00	-10.00	0.00047
-60.00	-10.00	0.00058	-50.00	-10.00	0.00073
-40.00	-10.00	0.00098	-30.00	-10.00	0.00149
-25.00	-10.00	0.00194	-20.00	-10.00	0.00259
-17.00	-10.00	0.00311	-15.00	-10.00	0.00353
-13.00	-10.00	0.00402	-11.00	-10.00	0.00460
-9.00	-10.00	0.00531	9.00	-10.00	0.00749
11.00	-10.00	0.00699	13.00	-10.00	0.00658
15.00	-10.00	0.00622	17.00	-10.00	0.00590
20.00	-10.00	0.00547	25.00	-10.00	0.00485
30.00	-10.00	0.00431	40.00	-10.00	0.00342
50.00	-10.00	0.00272	60.00	-10.00	0.00218

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00177	80.00	-10.00	0.00146
90.00	-10.00	0.00123	100.00	-10.00	0.00104
-100.00	0.00	0.00030	-90.00	0.00	0.00036
-80.00	0.00	0.00043	-70.00	0.00	0.00053
-60.00	0.00	0.00067	-50.00	0.00	0.00088
-40.00	0.00	0.00127	-30.00	0.00	0.00197
-25.00	0.00	0.00252	-20.00	0.00	0.00327
-17.00	0.00	0.00384	-15.00	0.00	0.00429
-13.00	0.00	0.00481	-11.00	0.00	0.00541
-9.00	0.00	0.00612	9.00	0.00	0.00799
11.00	0.00	0.00743	13.00	0.00	0.00697
15.00	0.00	0.00656	17.00	0.00	0.00620
20.00	0.00	0.00573	25.00	0.00	0.00504
30.00	0.00	0.00445	40.00	0.00	0.00347
50.00	0.00	0.00272	60.00	0.00	0.00217
70.00	0.00	0.00176	80.00	0.00	0.00145
90.00	0.00	0.00122	100.00	0.00	0.00103
-100.00	10.00	0.00033	-90.00	10.00	0.00039
-80.00	10.00	0.00048	-70.00	10.00	0.00060
-60.00	10.00	0.00078	-50.00	10.00	0.00108
-40.00	10.00	0.00159	-30.00	10.00	0.00242
-25.00	10.00	0.00303	-20.00	10.00	0.00382
-17.00	10.00	0.00442	-15.00	10.00	0.00488
-13.00	10.00	0.00540	-11.00	10.00	0.00600
-9.00	10.00	0.00671	9.00	10.00	0.00828
11.00	10.00	0.00766	13.00	10.00	0.00716
15.00	10.00	0.00672	17.00	10.00	0.00633

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:38:57

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00580	25.00	10.00	0.00506
30.00	10.00	0.00442	40.00	10.00	0.00341
50.00	10.00	0.00267	60.00	10.00	0.00214
70.00	10.00	0.00174	80.00	10.00	0.00143
90.00	10.00	0.00119	100.00	10.00	0.00101
-100.00	20.00	0.00035	-90.00	20.00	0.00043
-80.00	20.00	0.00053	-70.00	20.00	0.00069

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00093	-50.00	20.00	0.00131
-40.00	20.00	0.00189	-30.00	20.00	0.00281
-25.00	20.00	0.00345	-20.00	20.00	0.00427
-17.00	20.00	0.00486	-15.00	20.00	0.00532
-13.00	20.00	0.00583	-11.00	20.00	0.00642
-9.00	20.00	0.00712	9.00	20.00	0.00834
11.00	20.00	0.00767	13.00	20.00	0.00713
15.00	20.00	0.00666	17.00	20.00	0.00623
20.00	20.00	0.00566	25.00	20.00	0.00486
30.00	20.00	0.00422	40.00	20.00	0.00327
50.00	20.00	0.00259	60.00	20.00	0.00208
70.00	20.00	0.00170	80.00	20.00	0.00140
90.00	20.00	0.00117	100.00	20.00	0.00099
-100.00	30.00	0.00039	-90.00	30.00	0.00048
-80.00	30.00	0.00060	-70.00	30.00	0.00079
-60.00	30.00	0.00108	-50.00	30.00	0.00151
-40.00	30.00	0.00215	-30.00	30.00	0.00313
-25.00	30.00	0.00379	-20.00	30.00	0.00462
-17.00	30.00	0.00521	-15.00	30.00	0.00566
-13.00	30.00	0.00616	-11.00	30.00	0.00672
-9.00	30.00	0.00739	9.00	30.00	0.00811
11.00	30.00	0.00738	13.00	30.00	0.00679
15.00	30.00	0.00629	17.00	30.00	0.00585
20.00	30.00	0.00528	25.00	30.00	0.00453
30.00	30.00	0.00395	40.00	30.00	0.00309
50.00	30.00	0.00247	60.00	30.00	0.00200
70.00	30.00	0.00164	80.00	30.00	0.00136
90.00	30.00	0.00114	100.00	30.00	0.00097
-100.00	40.00	0.00043	-90.00	40.00	0.00053
-80.00	40.00	0.00069	-70.00	40.00	0.00091
-60.00	40.00	0.00123	-50.00	40.00	0.00170
-40.00	40.00	0.00238	-30.00	40.00	0.00337
-25.00	40.00	0.00404	-20.00	40.00	0.00487

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00546	-15.00	40.00	0.00590

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00639	-11.00	40.00	0.00694
-9.00	40.00	0.00757	9.00	40.00	0.00735
11.00	40.00	0.00667	13.00	40.00	0.00612
15.00	40.00	0.00569	17.00	40.00	0.00531
20.00	40.00	0.00483	25.00	40.00	0.00418
30.00	40.00	0.00367	40.00	40.00	0.00290
50.00	40.00	0.00234	60.00	40.00	0.00192
70.00	40.00	0.00159	80.00	40.00	0.00133
90.00	40.00	0.00112	100.00	40.00	0.00096
-100.00	50.00	0.00047	-90.00	50.00	0.00060
-80.00	50.00	0.00077	-70.00	50.00	0.00102
-60.00	50.00	0.00136	-50.00	50.00	0.00185
-40.00	50.00	0.00255	-30.00	50.00	0.00355
-25.00	50.00	0.00422	-20.00	50.00	0.00503
-17.00	50.00	0.00560	-15.00	50.00	0.00602
-13.00	50.00	0.00648	-11.00	50.00	0.00698
-9.00	50.00	0.00754	9.00	50.00	0.00628
11.00	50.00	0.00585	13.00	50.00	0.00546
15.00	50.00	0.00511	17.00	50.00	0.00480
20.00	50.00	0.00440	25.00	50.00	0.00384
30.00	50.00	0.00338	40.00	50.00	0.00270
50.00	50.00	0.00220	60.00	50.00	0.00182
70.00	50.00	0.00152	80.00	50.00	0.00128
90.00	50.00	0.00109	100.00	50.00	0.00094
-100.00	60.00	0.00052	-90.00	60.00	0.00066
-80.00	60.00	0.00085	-70.00	60.00	0.00111
-60.00	60.00	0.00147	-50.00	60.00	0.00196
-40.00	60.00	0.00266	-30.00	60.00	0.00363
-25.00	60.00	0.00426	-20.00	60.00	0.00498
-17.00	60.00	0.00544	-15.00	60.00	0.00575
-13.00	60.00	0.00604	-11.00	60.00	0.00630
-9.00	60.00	0.00651	9.00	60.00	0.00505
11.00	60.00	0.00478	13.00	60.00	0.00454
15.00	60.00	0.00432	17.00	60.00	0.00411
20.00	60.00	0.00383	25.00	60.00	0.00341
30.00	60.00	0.00305	40.00	60.00	0.00247
50.00	60.00	0.00204	60.00	60.00	0.00170
70.00	60.00	0.00144	80.00	60.00	0.00122
90.00	60.00	0.00105	100.00	60.00	0.00090

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00057	-90.00	70.00	0.00072
-80.00	70.00	0.00092	-70.00	70.00	0.00118
-60.00	70.00	0.00154	-50.00	70.00	0.00203
-40.00	70.00	0.00269	-30.00	70.00	0.00356
-25.00	70.00	0.00405	-20.00	70.00	0.00453
-17.00	70.00	0.00479	-15.00	70.00	0.00494
-13.00	70.00	0.00507	-11.00	70.00	0.00517
-9.00	70.00	0.00524	9.00	70.00	0.00410
11.00	70.00	0.00391	13.00	70.00	0.00374
15.00	70.00	0.00357	17.00	70.00	0.00342
20.00	70.00	0.00322	25.00	70.00	0.00292
30.00	70.00	0.00266	40.00	70.00	0.00222
50.00	70.00	0.00187	60.00	70.00	0.00158
70.00	70.00	0.00135	80.00	70.00	0.00115
90.00	70.00	0.00100	100.00	70.00	0.00087
-100.00	80.00	0.00061	-90.00	80.00	0.00077
-80.00	80.00	0.00097	-70.00	80.00	0.00124
-60.00	80.00	0.00159	-50.00	80.00	0.00205
-40.00	80.00	0.00264	-30.00	80.00	0.00329
-25.00	80.00	0.00360	-20.00	80.00	0.00388
-17.00	80.00	0.00402	-15.00	80.00	0.00410
-13.00	80.00	0.00416	-11.00	80.00	0.00420
-9.00	80.00	0.00421	9.00	80.00	0.00337
11.00	80.00	0.00324	13.00	80.00	0.00311
15.00	80.00	0.00299	17.00	80.00	0.00288
20.00	80.00	0.00272	25.00	80.00	0.00249
30.00	80.00	0.00229	40.00	80.00	0.00196
50.00	80.00	0.00168	60.00	80.00	0.00145
70.00	80.00	0.00125	80.00	80.00	0.00109
90.00	80.00	0.00095	100.00	80.00	0.00083
-100.00	90.00	0.00065	-90.00	90.00	0.00081
-80.00	90.00	0.00101	-70.00	90.00	0.00127
-60.00	90.00	0.00160	-50.00	90.00	0.00201
-40.00	90.00	0.00246	-30.00	90.00	0.00291
-25.00	90.00	0.00311	-20.00	90.00	0.00328
-17.00	90.00	0.00335	-15.00	90.00	0.00339
-13.00	90.00	0.00342	-11.00	90.00	0.00343
-9.00	90.00	0.00342	9.00	90.00	0.00280
11.00	90.00	0.00271	13.00	90.00	0.00262

15.00 90.00 08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound 0.00253 17.00 90.00 0.00244

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00232	25.00	90.00	0.00214
30.00	90.00	0.00197	40.00	90.00	0.00171
50.00	90.00	0.00150	60.00	90.00	0.00131
70.00	90.00	0.00115	80.00	90.00	0.00102
90.00	90.00	0.00089	100.00	90.00	0.00079
-100.00	100.00	0.00068	-90.00	100.00	0.00084
-80.00	100.00	0.00103	-70.00	100.00	0.00128
-60.00	100.00	0.00157	-50.00	100.00	0.00190
-40.00	100.00	0.00223	-30.00	100.00	0.00254
-25.00	100.00	0.00267	-20.00	100.00	0.00277
-17.00	100.00	0.00281	-15.00	100.00	0.00282
-13.00	100.00	0.00283	-11.00	100.00	0.00283
-9.00	100.00	0.00282	9.00	100.00	0.00235
11.00	100.00	0.00229	13.00	100.00	0.00222
15.00	100.00	0.00216	17.00	100.00	0.00209
20.00	100.00	0.00200	25.00	100.00	0.00185
30.00	100.00	0.00172	40.00	100.00	0.00150
50.00	100.00	0.00132	60.00	100.00	0.00118
70.00	100.00	0.00105	80.00	100.00	0.00094
90.00	100.00	0.00084	100.00	100.00	0.00075
-100.00	110.00	0.00070	-90.00	110.00	0.00086
-80.00	110.00	0.00104	-70.00	110.00	0.00126
-60.00	110.00	0.00150	-50.00	110.00	0.00175
-40.00	110.00	0.00199	-30.00	110.00	0.00221
-25.00	110.00	0.00229	-20.00	110.00	0.00235
-17.00	110.00	0.00237	-15.00	110.00	0.00238
-13.00	110.00	0.00238	-11.00	110.00	0.00237
-9.00	110.00	0.00236	9.00	110.00	0.00200
11.00	110.00	0.00195	13.00	110.00	0.00190
15.00	110.00	0.00185	17.00	110.00	0.00180
20.00	110.00	0.00173	25.00	110.00	0.00162
30.00	110.00	0.00151	40.00	110.00	0.00133
50.00	110.00	0.00118	60.00	110.00	0.00106

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
70.00	110.00	0.00095	80.00	110.00	0.00086	
90.00	110.00	0.00078	100.00	110.00	0.00070	
-100.00	120.00	0.00072	-90.00	120.00	0.00086	
-80.00	120.00	0.00103	-70.00	120.00	0.00121	
-60.00	120.00	0.00140	-50.00	120.00	0.00159	
-40.00	120.00	0.00177	-30.00	120.00	0.00192	
-25.00	120.00	0.00198	-20.00	120.00	0.00201	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	120.00	0.00202	-15.00	120.00	0.00202	
-13.00	120.00	0.00202	-11.00	120.00	0.00201	
-9.00	120.00	0.00199	9.00	120.00	0.00172	
11.00	120.00	0.00168	13.00	120.00	0.00164	
15.00	120.00	0.00160	17.00	120.00	0.00157	
20.00	120.00	0.00151	25.00	120.00	0.00142	
30.00	120.00	0.00133	40.00	120.00	0.00118	
50.00	120.00	0.00105	60.00	120.00	0.00095	
70.00	120.00	0.00086	80.00	120.00	0.00079	
90.00	120.00	0.00072	100.00	120.00	0.00065	
-100.00	130.00	0.00073	-90.00	130.00	0.00085	
-80.00	130.00	0.00099	-70.00	130.00	0.00114	
-60.00	130.00	0.00129	-50.00	130.00	0.00144	
-40.00	130.00	0.00158	-30.00	130.00	0.00168	
-25.00	130.00	0.00172	-20.00	130.00	0.00174	
-17.00	130.00	0.00174	-15.00	130.00	0.00174	
-13.00	130.00	0.00173	-11.00	130.00	0.00172	
-9.00	130.00	0.00171	9.00	130.00	0.00149	
11.00	130.00	0.00146	13.00	130.00	0.00143	
15.00	130.00	0.00140	17.00	130.00	0.00137	
20.00	130.00	0.00133	25.00	130.00	0.00126	
30.00	130.00	0.00118	40.00	130.00	0.00106	
50.00	130.00	0.00095	60.00	130.00	0.00086	
70.00	130.00	0.00078	80.00	130.00	0.00072	
90.00	130.00	0.00066	100.00	130.00	0.00061	
-100.00	140.00	0.00072	-90.00	140.00	0.00083	
-80.00	140.00	0.00095	-70.00	140.00	0.00107	

X-Coord (M)	Y-Coord (M)	Concentration	X-Coord (M)	Y-Coord (M)	Concentration
-60.00	140.00	0.00119	-50.00	140.00	0.00130
-40.00	140.00	0.00140	-30.00	140.00	0.00148
-25.00	140.00	0.00150	-20.00	140.00	0.00151
-17.00	140.00	0.00151	-15.00	140.00	0.00151
-13.00	140.00	0.00150	-11.00	140.00	0.00149
-9.00	140.00	0.00148	9.00	140.00	0.00130
11.00	140.00	0.00128	13.00	140.00	0.00125
15.00	140.00	0.00123	17.00	140.00	0.00121
20.00	140.00	0.00117	25.00	140.00	0.00112
30.00	140.00	0.00106	40.00	140.00	0.00095
50.00	140.00	0.00086	60.00	140.00	0.00078
70.00	140.00	0.00071	80.00	140.00	0.00066
90.00	140.00	0.00061	100.00	140.00	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00070	-90.00	150.00	0.00080
-80.00	150.00	0.00089	-70.00	150.00	0.00099
-60.00	150.00	0.00109	-50.00	150.00	0.00118
-40.00	150.00	0.00126	-30.00	150.00	0.00131
-25.00	150.00	0.00132	-20.00	150.00	0.00133
-17.00	150.00	0.00132	-15.00	150.00	0.00132
-13.00	150.00	0.00131	-11.00	150.00	0.00130
-9.00	150.00	0.00129	9.00	150.00	0.00115
11.00	150.00	0.00113	13.00	150.00	0.00111
15.00	150.00	0.00109	17.00	150.00	0.00107
20.00	150.00	0.00105	25.00	150.00	0.00100
30.00	150.00	0.00095	40.00	150.00	0.00086
50.00	150.00	0.00078	60.00	150.00	0.00071
70.00	150.00	0.00065	80.00	150.00	0.00060
90.00	150.00	0.00056	100.00	150.00	0.00052
-100.00	160.00	0.00068	-90.00	160.00	0.00076
-80.00	160.00	0.00084	-70.00	160.00	0.00092
-60.00	160.00	0.00100	-50.00	160.00	0.00107
-40.00	160.00	0.00113	-30.00	160.00	0.00116
-25.00	160.00	0.00117	-20.00	160.00	0.00117
-17.00	160.00	0.00117	-15.00	160.00	0.00116

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-13.00	160.00	0.00116	-11.00	160.00	0.00115	
-9.00	160.00	0.00114	9.00	160.00	0.00102	
11.00	160.00	0.00100	13.00	160.00	0.00099	
15.00	160.00	0.00097	17.00	160.00	0.00096	
20.00	160.00	0.00094	25.00	160.00	0.00090	
30.00	160.00	0.00086	40.00	160.00	0.00078	
50.00	160.00	0.00071	60.00	160.00	0.00065	
70.00	160.00	0.00060	80.00	160.00	0.00056	
90.00	160.00	0.00052	100.00	160.00	0.00048	
-100.00	170.00	0.00065	-90.00	170.00	0.00072	
-80.00	170.00	0.00079	-70.00	170.00	0.00085	
-60.00	170.00	0.00092	-50.00	170.00	0.00097	
-40.00	170.00	0.00101	-30.00	170.00	0.00104	
-25.00	170.00	0.00105	-20.00	170.00	0.00104	
-17.00	170.00	0.00104	-15.00	170.00	0.00103	
-13.00	170.00	0.00103	-11.00	170.00	0.00102	
-9.00	170.00	0.00101	9.00	170.00	0.00091	
11.00	170.00	0.00090	13.00	170.00	0.00089	
15.00	170.00	0.00087	17.00	170.00	0.00086	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTS:
 PAGE 79
 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	170.00	0.00084	25.00	170.00	0.00081	
30.00	170.00	0.00078	40.00	170.00	0.00071	
50.00	170.00	0.00065	60.00	170.00	0.00060	
70.00	170.00	0.00055	80.00	170.00	0.00052	
90.00	170.00	0.00048	100.00	170.00	0.00045	
-100.00	180.00	0.00062	-90.00	180.00	0.00068	
-80.00	180.00	0.00073	-70.00	180.00	0.00079	
-60.00	180.00	0.00084	-50.00	180.00	0.00088	
-40.00	180.00	0.00092	-30.00	180.00	0.00094	
-25.00	180.00	0.00094	-20.00	180.00	0.00093	
-17.00	180.00	0.00093	-15.00	180.00	0.00092	
-13.00	180.00	0.00092	-11.00	180.00	0.00091	
-9.00	180.00	0.00091	9.00	180.00	0.00082	
11.00	180.00	0.00081	13.00	180.00	0.00080	
15.00	180.00	0.00079	17.00	180.00	0.00078	

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

20.00	180.00	0.00076	25.00	180.00	0.00073
30.00	180.00	0.00071	40.00	180.00	0.00065
50.00	180.00	0.00060	60.00	180.00	0.00055
70.00	180.00	0.00051	80.00	180.00	0.00048
90.00	180.00	0.00045	100.00	180.00	0.00042
-100.00	190.00	0.00059	-90.00	190.00	0.00064
-80.00	190.00	0.00069	-70.00	190.00	0.00073
-60.00	190.00	0.00077	-50.00	190.00	0.00081
-40.00	190.00	0.00083	-30.00	190.00	0.00085
-25.00	190.00	0.00085	-20.00	190.00	0.00084
-17.00	190.00	0.00084	-15.00	190.00	0.00083
-13.00	190.00	0.00083	-11.00	190.00	0.00082
-9.00	190.00	0.00082	9.00	190.00	0.00074
11.00	190.00	0.00073	13.00	190.00	0.00072
15.00	190.00	0.00071	17.00	190.00	0.00071
20.00	190.00	0.00069	25.00	190.00	0.00067
30.00	190.00	0.00065	40.00	190.00	0.00060
50.00	190.00	0.00056	60.00	190.00	0.00051
70.00	190.00	0.00048	80.00	190.00	0.00044
90.00	190.00	0.00042	100.00	190.00	0.00039
-100.00	200.00	0.00056	-90.00	200.00	0.00060
-80.00	200.00	0.00064	-70.00	200.00	0.00068
-60.00	200.00	0.00071	-50.00	200.00	0.00074
-40.00	200.00	0.00076	-30.00	200.00	0.00077
-25.00	200.00	0.00077	-20.00	200.00	0.00076

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00076	-15.00	200.00	0.00075
-13.00	200.00	0.00075	-11.00	200.00	0.00074
-9.00	200.00	0.00074	9.00	200.00	0.00067
11.00	200.00	0.00067	13.00	200.00	0.00066
15.00	200.00	0.00065	17.00	200.00	0.00064
20.00	200.00	0.00063	25.00	200.00	0.00061
30.00	200.00	0.00059	40.00	200.00	0.00055
50.00	200.00	0.00051	60.00	200.00	0.00048
70.00	200.00	0.00044	80.00	200.00	0.00042

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00039	100.00	200.00	0.00037
-100.00	210.00	0.00053	-90.00	210.00	0.00057
-80.00	210.00	0.00060	-70.00	210.00	0.00063
-60.00	210.00	0.00066	-50.00	210.00	0.00068
-40.00	210.00	0.00069	-30.00	210.00	0.00070
-25.00	210.00	0.00070	-20.00	210.00	0.00069
-17.00	210.00	0.00069	-15.00	210.00	0.00068
-13.00	210.00	0.00068	-11.00	210.00	0.00068
-9.00	210.00	0.00067	9.00	210.00	0.00062
11.00	210.00	0.00061	13.00	210.00	0.00060
15.00	210.00	0.00060	17.00	210.00	0.00059
20.00	210.00	0.00058	25.00	210.00	0.00056
30.00	210.00	0.00055	40.00	210.00	0.00051
50.00	210.00	0.00048	60.00	210.00	0.00045
70.00	210.00	0.00042	80.00	210.00	0.00039
90.00	210.00	0.00036	100.00	210.00	0.00034
-100.00	220.00	0.00050	-90.00	220.00	0.00053
-80.00	220.00	0.00056	-70.00	220.00	0.00059
-60.00	220.00	0.00061	-50.00	220.00	0.00063
-40.00	220.00	0.00064	-30.00	220.00	0.00064
-25.00	220.00	0.00064	-20.00	220.00	0.00063
-17.00	220.00	0.00063	-15.00	220.00	0.00063
-13.00	220.00	0.00062	-11.00	220.00	0.00062
-9.00	220.00	0.00061	9.00	220.00	0.00057
11.00	220.00	0.00056	13.00	220.00	0.00055
15.00	220.00	0.00055	17.00	220.00	0.00054
20.00	220.00	0.00053	25.00	220.00	0.00052
30.00	220.00	0.00050	40.00	220.00	0.00047
50.00	220.00	0.00044	60.00	220.00	0.00042
70.00	220.00	0.00039	80.00	220.00	0.00036
90.00	220.00	0.00034	100.00	220.00	0.00032

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

04/18/08

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

18:38:57

**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	0.00047	-90.00	230.00	0.00050
-80.00	230.00	0.00052	-70.00	230.00	0.00055
-60.00	230.00	0.00056	-50.00	230.00	0.00058

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound					
-40.00	230.00	0.00059	-30.00	230.00	0.00059
-25.00	230.00	0.00059	-20.00	230.00	0.00058
-17.00	230.00	0.00058	-15.00	230.00	0.00057
-13.00	230.00	0.00057	-11.00	230.00	0.00057
-9.00	230.00	0.00056	9.00	230.00	0.00052
11.00	230.00	0.00052	13.00	230.00	0.00051
15.00	230.00	0.00051	17.00	230.00	0.00050
20.00	230.00	0.00049	25.00	230.00	0.00048
30.00	230.00	0.00047	40.00	230.00	0.00044
50.00	230.00	0.00041	60.00	230.00	0.00039
70.00	230.00	0.00036	80.00	230.00	0.00034
90.00	230.00	0.00032	100.00	230.00	0.00030
-100.00	240.00	0.00045	-90.00	240.00	0.00047
-80.00	240.00	0.00049	-70.00	240.00	0.00051
-60.00	240.00	0.00052	-50.00	240.00	0.00054
-40.00	240.00	0.00054	-30.00	240.00	0.00054
-25.00	240.00	0.00054	-20.00	240.00	0.00053
-17.00	240.00	0.00053	-15.00	240.00	0.00053
-13.00	240.00	0.00053	-11.00	240.00	0.00052
-9.00	240.00	0.00052	9.00	240.00	0.00048
11.00	240.00	0.00048	13.00	240.00	0.00047
15.00	240.00	0.00047	17.00	240.00	0.00046
20.00	240.00	0.00046	25.00	240.00	0.00044
30.00	240.00	0.00043	40.00	240.00	0.00041
50.00	240.00	0.00039	60.00	240.00	0.00037
70.00	240.00	0.00034	80.00	240.00	0.00032
90.00	240.00	0.00030	100.00	240.00	0.00029
-100.00	250.00	0.00042	-90.00	250.00	0.00044
-80.00	250.00	0.00046	-70.00	250.00	0.00048
-60.00	250.00	0.00049	-50.00	250.00	0.00050
-40.00	250.00	0.00050	-30.00	250.00	0.00050
-25.00	250.00	0.00050	-20.00	250.00	0.00049
-17.00	250.00	0.00049	-15.00	250.00	0.00049
-13.00	250.00	0.00049	-11.00	250.00	0.00048
-9.00	250.00	0.00048	9.00	250.00	0.00045
11.00	250.00	0.00044	13.00	250.00	0.00044
15.00	250.00	0.00043	17.00	250.00	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57
 **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 ,

*** DISCRETE 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	0.00042	25.00	250.00	0.00041
30.00	250.00	0.00040	40.00	250.00	0.00038
50.00	250.00	0.00036	60.00	250.00	0.00034
70.00	250.00	0.00032	80.00	250.00	0.00030
90.00	250.00	0.00029	100.00	250.00	0.00027

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00010	-90.00	-250.00	0.00011
-80.00	-250.00	0.00013	-70.00	-250.00	0.00015
-60.00	-250.00	0.00017	-50.00	-250.00	0.00019
-40.00	-250.00	0.00021	-30.00	-250.00	0.00024
-25.00	-250.00	0.00026	-20.00	-250.00	0.00027
-17.00	-250.00	0.00028	-15.00	-250.00	0.00028
-13.00	-250.00	0.00029	-11.00	-250.00	0.00029
-9.00	-250.00	0.00030	9.00	-250.00	0.00033
11.00	-250.00	0.00034	13.00	-250.00	0.00035
15.00	-250.00	0.00035	17.00	-250.00	0.00036
20.00	-250.00	0.00037	25.00	-250.00	0.00038
30.00	-250.00	0.00040	40.00	-250.00	0.00043
50.00	-250.00	0.00044	60.00	-250.00	0.00045
70.00	-250.00	0.00046	80.00	-250.00	0.00046
90.00	-250.00	0.00046	100.00	-250.00	0.00046
-100.00	-240.00	0.00011	-90.00	-240.00	0.00012
-80.00	-240.00	0.00013	-70.00	-240.00	0.00015
-60.00	-240.00	0.00018	-50.00	-240.00	0.00020
-40.00	-240.00	0.00023	-30.00	-240.00	0.00027
-25.00	-240.00	0.00028	-20.00	-240.00	0.00030
-17.00	-240.00	0.00031	-15.00	-240.00	0.00032
-13.00	-240.00	0.00032	-11.00	-240.00	0.00033
-9.00	-240.00	0.00033	9.00	-240.00	0.00038
11.00	-240.00	0.00039	13.00	-240.00	0.00039
15.00	-240.00	0.00040	17.00	-240.00	0.00041
20.00	-240.00	0.00042	25.00	-240.00	0.00044

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
30.00	-240.00	0.00046	40.00	-240.00	0.00049	
50.00	-240.00	0.00050	60.00	-240.00	0.00051	
70.00	-240.00	0.00052	80.00	-240.00	0.00052	
90.00	-240.00	0.00052	100.00	-240.00	0.00052	
-100.00	-230.00	0.00011	-90.00	-230.00	0.00012	
-80.00	-230.00	0.00014	-70.00	-230.00	0.00016	
-60.00	-230.00	0.00019	-50.00	-230.00	0.00022	
-40.00	-230.00	0.00025	-30.00	-230.00	0.00029	
-25.00	-230.00	0.00031	-20.00	-230.00	0.00033	
-17.00	-230.00	0.00035	-15.00	-230.00	0.00035	
-13.00	-230.00	0.00036	-11.00	-230.00	0.00037	
-9.00	-230.00	0.00037	9.00	-230.00	0.00043	
11.00	-230.00	0.00044	13.00	-230.00	0.00045	
15.00	-230.00	0.00046	17.00	-230.00	0.00047	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:38:57

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00048	25.00	-230.00	0.00051
30.00	-230.00	0.00053	40.00	-230.00	0.00056
50.00	-230.00	0.00058	60.00	-230.00	0.00059
70.00	-230.00	0.00059	80.00	-230.00	0.00060
90.00	-230.00	0.00059	100.00	-230.00	0.00058
-100.00	-220.00	0.00012	-90.00	-220.00	0.00013
-80.00	-220.00	0.00015	-70.00	-220.00	0.00017
-60.00	-220.00	0.00020	-50.00	-220.00	0.00023
-40.00	-220.00	0.00028	-30.00	-220.00	0.00032
-25.00	-220.00	0.00035	-20.00	-220.00	0.00037
-17.00	-220.00	0.00039	-15.00	-220.00	0.00040
-13.00	-220.00	0.00041	-11.00	-220.00	0.00042
-9.00	-220.00	0.00042	9.00	-220.00	0.00050
11.00	-220.00	0.00051	13.00	-220.00	0.00052
15.00	-220.00	0.00053	17.00	-220.00	0.00055
20.00	-220.00	0.00056	25.00	-220.00	0.00059
30.00	-220.00	0.00062	40.00	-220.00	0.00065
50.00	-220.00	0.00067	60.00	-220.00	0.00068
70.00	-220.00	0.00069	80.00	-220.00	0.00068
90.00	-220.00	0.00067	100.00	-220.00	0.00065

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-210.00	0.00012	-90.00	-210.00	0.00014	
-80.00	-210.00	0.00016	-70.00	-210.00	0.00018	
-60.00	-210.00	0.00021	-50.00	-210.00	0.00025	
-40.00	-210.00	0.00030	-30.00	-210.00	0.00036	
-25.00	-210.00	0.00039	-20.00	-210.00	0.00042	
-17.00	-210.00	0.00044	-15.00	-210.00	0.00045	
-13.00	-210.00	0.00046	-11.00	-210.00	0.00047	
-9.00	-210.00	0.00049	9.00	-210.00	0.00058	
11.00	-210.00	0.00060	13.00	-210.00	0.00061	
15.00	-210.00	0.00063	17.00	-210.00	0.00064	
20.00	-210.00	0.00067	25.00	-210.00	0.00070	
30.00	-210.00	0.00073	40.00	-210.00	0.00076	
50.00	-210.00	0.00078	60.00	-210.00	0.00080	
70.00	-210.00	0.00080	80.00	-210.00	0.00078	
90.00	-210.00	0.00075	100.00	-210.00	0.00071	
-100.00	-200.00	0.00013	-90.00	-200.00	0.00015	
-80.00	-200.00	0.00017	-70.00	-200.00	0.00019	
-60.00	-200.00	0.00023	-50.00	-200.00	0.00027	
-40.00	-200.00	0.00032	-30.00	-200.00	0.00039	
-25.00	-200.00	0.00043	-20.00	-200.00	0.00047	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3						**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	CONC
-17.00	-200.00	0.00050	-15.00	-200.00	0.00051	
-13.00	-200.00	0.00053	-11.00	-200.00	0.00054	
-9.00	-200.00	0.00056	9.00	-200.00	0.00069	
11.00	-200.00	0.00071	13.00	-200.00	0.00073	
15.00	-200.00	0.00075	17.00	-200.00	0.00077	
20.00	-200.00	0.00080	25.00	-200.00	0.00084	
30.00	-200.00	0.00087	40.00	-200.00	0.00091	
50.00	-200.00	0.00093	60.00	-200.00	0.00094	
70.00	-200.00	0.00092	80.00	-200.00	0.00089	
90.00	-200.00	0.00084	100.00	-200.00	0.00078	
-100.00	-190.00	0.00014	-90.00	-190.00	0.00016	
-80.00	-190.00	0.00018	-70.00	-190.00	0.00020	
-60.00	-190.00	0.00024	-50.00	-190.00	0.00029	
-40.00	-190.00	0.00035	-30.00	-190.00	0.00043	

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-25.00	-190.00	0.00048	-20.00	-190.00	0.00053
-17.00	-190.00	0.00056	-15.00	-190.00	0.00058
-13.00	-190.00	0.00061	-11.00	-190.00	0.00063
-9.00	-190.00	0.00065	9.00	-190.00	0.00083
11.00	-190.00	0.00085	13.00	-190.00	0.00088
15.00	-190.00	0.00091	17.00	-190.00	0.00093
20.00	-190.00	0.00097	25.00	-190.00	0.00102
30.00	-190.00	0.00105	40.00	-190.00	0.00110
50.00	-190.00	0.00112	60.00	-190.00	0.00111
70.00	-190.00	0.00106	80.00	-190.00	0.00099
90.00	-190.00	0.00092	100.00	-190.00	0.00084
-100.00	-180.00	0.00015	-90.00	-180.00	0.00017
-80.00	-180.00	0.00019	-70.00	-180.00	0.00022
-60.00	-180.00	0.00026	-50.00	-180.00	0.00031
-40.00	-180.00	0.00038	-30.00	-180.00	0.00047
-25.00	-180.00	0.00053	-20.00	-180.00	0.00060
-17.00	-180.00	0.00064	-15.00	-180.00	0.00067
-13.00	-180.00	0.00070	-11.00	-180.00	0.00072
-9.00	-180.00	0.00075	9.00	-180.00	0.00101
11.00	-180.00	0.00105	13.00	-180.00	0.00109
15.00	-180.00	0.00112	17.00	-180.00	0.00115
20.00	-180.00	0.00120	25.00	-180.00	0.00125
30.00	-180.00	0.00130	40.00	-180.00	0.00135
50.00	-180.00	0.00135	60.00	-180.00	0.00129
70.00	-180.00	0.00120	80.00	-180.00	0.00110
90.00	-180.00	0.00099	100.00	-180.00	0.00089

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00016	-90.00	-170.00	0.00018
-80.00	-170.00	0.00021	-70.00	-170.00	0.00024
-60.00	-170.00	0.00028	-50.00	-170.00	0.00033
-40.00	-170.00	0.00041	-30.00	-170.00	0.00051
-25.00	-170.00	0.00058	-20.00	-170.00	0.00066
-17.00	-170.00	0.00072	-15.00	-170.00	0.00076
-13.00	-170.00	0.00080	-11.00	-170.00	0.00084
-9.00	-170.00	0.00088	9.00	-170.00	0.00126

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00132	13.00	-170.00	0.00137
15.00	-170.00	0.00141	17.00	-170.00	0.00146
20.00	-170.00	0.00151	25.00	-170.00	0.00158
30.00	-170.00	0.00164	40.00	-170.00	0.00166
50.00	-170.00	0.00159	60.00	-170.00	0.00147
70.00	-170.00	0.00133	80.00	-170.00	0.00119
90.00	-170.00	0.00107	100.00	-170.00	0.00095
-100.00	-160.00	0.00018	-90.00	-160.00	0.00020
-80.00	-160.00	0.00023	-70.00	-160.00	0.00026
-60.00	-160.00	0.00030	-50.00	-160.00	0.00036
-40.00	-160.00	0.00044	-30.00	-160.00	0.00055
-25.00	-160.00	0.00063	-20.00	-160.00	0.00073
-17.00	-160.00	0.00080	-15.00	-160.00	0.00085
-13.00	-160.00	0.00090	-11.00	-160.00	0.00096
-9.00	-160.00	0.00102	9.00	-160.00	0.00162
11.00	-160.00	0.00170	13.00	-160.00	0.00177
15.00	-160.00	0.00184	17.00	-160.00	0.00189
20.00	-160.00	0.00196	25.00	-160.00	0.00204
30.00	-160.00	0.00207	40.00	-160.00	0.00199
50.00	-160.00	0.00182	60.00	-160.00	0.00164
70.00	-160.00	0.00146	80.00	-160.00	0.00129
90.00	-160.00	0.00113	100.00	-160.00	0.00099
-100.00	-150.00	0.00019	-90.00	-150.00	0.00021
-80.00	-150.00	0.00024	-70.00	-150.00	0.00028
-60.00	-150.00	0.00033	-50.00	-150.00	0.00039
-40.00	-150.00	0.00048	-30.00	-150.00	0.00060
-25.00	-150.00	0.00068	-20.00	-150.00	0.00079
-17.00	-150.00	0.00088	-15.00	-150.00	0.00094
-13.00	-150.00	0.00101	-11.00	-150.00	0.00108
-9.00	-150.00	0.00117	9.00	-150.00	0.00220
11.00	-150.00	0.00231	13.00	-150.00	0.00241
15.00	-150.00	0.00249	17.00	-150.00	0.00254

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00259	25.00	-150.00	0.00259
30.00	-150.00	0.00252	40.00	-150.00	0.00230

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00205	60.00	-150.00	0.00181
70.00	-150.00	0.00157	80.00	-150.00	0.00137
90.00	-150.00	0.00118	100.00	-150.00	0.00102
-100.00	-140.00	0.00020	-90.00	-140.00	0.00023
-80.00	-140.00	0.00026	-70.00	-140.00	0.00030
-60.00	-140.00	0.00036	-50.00	-140.00	0.00043
-40.00	-140.00	0.00052	-30.00	-140.00	0.00065
-25.00	-140.00	0.00075	-20.00	-140.00	0.00087
-17.00	-140.00	0.00095	-15.00	-140.00	0.00102
-13.00	-140.00	0.00110	-11.00	-140.00	0.00120
-9.00	-140.00	0.00132	9.00	-140.00	0.00322
11.00	-140.00	0.00328	13.00	-140.00	0.00330
15.00	-140.00	0.00329	17.00	-140.00	0.00327
20.00	-140.00	0.00322	25.00	-140.00	0.00309
30.00	-140.00	0.00293	40.00	-140.00	0.00259
50.00	-140.00	0.00225	60.00	-140.00	0.00194
70.00	-140.00	0.00166	80.00	-140.00	0.00142
90.00	-140.00	0.00121	100.00	-140.00	0.00104
-100.00	-130.00	0.00021	-90.00	-130.00	0.00024
-80.00	-130.00	0.00028	-70.00	-130.00	0.00033
-60.00	-130.00	0.00039	-50.00	-130.00	0.00047
-40.00	-130.00	0.00057	-30.00	-130.00	0.00073
-25.00	-130.00	0.00083	-20.00	-130.00	0.00097
-17.00	-130.00	0.00108	-15.00	-130.00	0.00116
-13.00	-130.00	0.00127	-11.00	-130.00	0.00141
-9.00	-130.00	0.00160	9.00	-130.00	0.00443
11.00	-130.00	0.00427	13.00	-130.00	0.00414
15.00	-130.00	0.00403	17.00	-130.00	0.00393
20.00	-130.00	0.00378	25.00	-130.00	0.00354
30.00	-130.00	0.00330	40.00	-130.00	0.00284
50.00	-130.00	0.00241	60.00	-130.00	0.00204
70.00	-130.00	0.00172	80.00	-130.00	0.00145
90.00	-130.00	0.00122	100.00	-130.00	0.00104
-100.00	-120.00	0.00023	-90.00	-120.00	0.00027
-80.00	-120.00	0.00031	-70.00	-120.00	0.00037
-60.00	-120.00	0.00044	-50.00	-120.00	0.00053
-40.00	-120.00	0.00066	-30.00	-120.00	0.00085
-25.00	-120.00	0.00100	-20.00	-120.00	0.00122

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
 PAGE 88
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,
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*** DISCRETE 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	0.00143	-15.00	-120.00	0.00164
-13.00	-120.00	0.00191	-11.00	-120.00	0.00229
-9.00	-120.00	0.00281	9.00	-120.00	0.00576
11.00	-120.00	0.00542	13.00	-120.00	0.00514
15.00	-120.00	0.00491	17.00	-120.00	0.00470
20.00	-120.00	0.00442	25.00	-120.00	0.00401
30.00	-120.00	0.00367	40.00	-120.00	0.00307
50.00	-120.00	0.00256	60.00	-120.00	0.00213
70.00	-120.00	0.00176	80.00	-120.00	0.00147
90.00	-120.00	0.00123	100.00	-120.00	0.00105
-100.00	-110.00	0.00025	-90.00	-110.00	0.00029
-80.00	-110.00	0.00035	-70.00	-110.00	0.00041
-60.00	-110.00	0.00050	-50.00	-110.00	0.00062
-40.00	-110.00	0.00079	-30.00	-110.00	0.00108
-25.00	-110.00	0.00136	-20.00	-110.00	0.00183
-17.00	-110.00	0.00224	-15.00	-110.00	0.00259
-13.00	-110.00	0.00302	-11.00	-110.00	0.00354
-9.00	-110.00	0.00420	9.00	-110.00	0.00676
11.00	-110.00	0.00633	13.00	-110.00	0.00598
15.00	-110.00	0.00568	17.00	-110.00	0.00540
20.00	-110.00	0.00503	25.00	-110.00	0.00449
30.00	-110.00	0.00403	40.00	-110.00	0.00327
50.00	-110.00	0.00266	60.00	-110.00	0.00217
70.00	-110.00	0.00178	80.00	-110.00	0.00147
90.00	-110.00	0.00124	100.00	-110.00	0.00105
-100.00	-100.00	0.00027	-90.00	-100.00	0.00032
-80.00	-100.00	0.00039	-70.00	-100.00	0.00047
-60.00	-100.00	0.00058	-50.00	-100.00	0.00073
-40.00	-100.00	0.00098	-30.00	-100.00	0.00149
-25.00	-100.00	0.00194	-20.00	-100.00	0.00259
-17.00	-100.00	0.00311	-15.00	-100.00	0.00353
-13.00	-100.00	0.00402	-11.00	-100.00	0.00460
-9.00	-100.00	0.00531	9.00	-100.00	0.00749
11.00	-100.00	0.00699	13.00	-100.00	0.00658
15.00	-100.00	0.00622	17.00	-100.00	0.00590
20.00	-100.00	0.00547	25.00	-100.00	0.00485
30.00	-100.00	0.00431	40.00	-100.00	0.00342
50.00	-100.00	0.00272	60.00	-100.00	0.00218
70.00	-100.00	0.00177	80.00	-100.00	0.00146
90.00	-100.00	0.00123	100.00	-100.00	0.00104

18:38:57
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00030	-90.00	-90.00	0.00036
-80.00	-90.00	0.00043	-70.00	-90.00	0.00053
-60.00	-90.00	0.00067	-50.00	-90.00	0.00088
-40.00	-90.00	0.00127	-30.00	-90.00	0.00197
-25.00	-90.00	0.00252	-20.00	-90.00	0.00327
-17.00	-90.00	0.00384	-15.00	-90.00	0.00429
-13.00	-90.00	0.00481	-11.00	-90.00	0.00541
-9.00	-90.00	0.00612	9.00	-90.00	0.00799
11.00	-90.00	0.00743	13.00	-90.00	0.00697
15.00	-90.00	0.00656	17.00	-90.00	0.00620
20.00	-90.00	0.00573	25.00	-90.00	0.00504
30.00	-90.00	0.00445	40.00	-90.00	0.00347
50.00	-90.00	0.00272	60.00	-90.00	0.00217
70.00	-90.00	0.00176	80.00	-90.00	0.00145
90.00	-90.00	0.00122	100.00	-90.00	0.00103
-100.00	-80.00	0.00033	-90.00	-80.00	0.00039
-80.00	-80.00	0.00048	-70.00	-80.00	0.00060
-60.00	-80.00	0.00078	-50.00	-80.00	0.00108
-40.00	-80.00	0.00159	-30.00	-80.00	0.00242
-25.00	-80.00	0.00303	-20.00	-80.00	0.00382
-17.00	-80.00	0.00442	-15.00	-80.00	0.00488
-13.00	-80.00	0.00540	-11.00	-80.00	0.00600
-9.00	-80.00	0.00671	9.00	-80.00	0.00828
11.00	-80.00	0.00766	13.00	-80.00	0.00716
15.00	-80.00	0.00672	17.00	-80.00	0.00633
20.00	-80.00	0.00580	25.00	-80.00	0.00506
30.00	-80.00	0.00442	40.00	-80.00	0.00341
50.00	-80.00	0.00267	60.00	-80.00	0.00214
70.00	-80.00	0.00174	80.00	-80.00	0.00143
90.00	-80.00	0.00119	100.00	-80.00	0.00101
-100.00	-70.00	0.00035	-90.00	-70.00	0.00043
-80.00	-70.00	0.00053	-70.00	-70.00	0.00069
-60.00	-70.00	0.00093	-50.00	-70.00	0.00131
-40.00	-70.00	0.00189	-30.00	-70.00	0.00281

X	Y	CONC	X	Y	CONC
-25.00	-70.00	0.00345	-20.00	-70.00	0.00427
-17.00	-70.00	0.00486	-15.00	-70.00	0.00532
-13.00	-70.00	0.00583	-11.00	-70.00	0.00642
-9.00	-70.00	0.00712	9.00	-70.00	0.00834
11.00	-70.00	0.00767	13.00	-70.00	0.00713
15.00	-70.00	0.00666	17.00	-70.00	0.00623

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**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	0.00566	25.00	-70.00	0.00486
30.00	-70.00	0.00422	40.00	-70.00	0.00327
50.00	-70.00	0.00259	60.00	-70.00	0.00208
70.00	-70.00	0.00170	80.00	-70.00	0.00140
90.00	-70.00	0.00117	100.00	-70.00	0.00099
-100.00	-60.00	0.00039	-90.00	-60.00	0.00048
-80.00	-60.00	0.00060	-70.00	-60.00	0.00079
-60.00	-60.00	0.00108	-50.00	-60.00	0.00151
-40.00	-60.00	0.00215	-30.00	-60.00	0.00313
-25.00	-60.00	0.00379	-20.00	-60.00	0.00462
-17.00	-60.00	0.00521	-15.00	-60.00	0.00566
-13.00	-60.00	0.00616	-11.00	-60.00	0.00672
-9.00	-60.00	0.00739	9.00	-60.00	0.00811
11.00	-60.00	0.00738	13.00	-60.00	0.00679
15.00	-60.00	0.00629	17.00	-60.00	0.00585
20.00	-60.00	0.00528	25.00	-60.00	0.00453
30.00	-60.00	0.00395	40.00	-60.00	0.00309
50.00	-60.00	0.00247	60.00	-60.00	0.00200
70.00	-60.00	0.00164	80.00	-60.00	0.00136
90.00	-60.00	0.00114	100.00	-60.00	0.00097
-100.00	-50.00	0.00043	-90.00	-50.00	0.00053
-80.00	-50.00	0.00069	-70.00	-50.00	0.00091
-60.00	-50.00	0.00123	-50.00	-50.00	0.00170
-40.00	-50.00	0.00238	-30.00	-50.00	0.00337
-25.00	-50.00	0.00404	-20.00	-50.00	0.00487
-17.00	-50.00	0.00546	-15.00	-50.00	0.00590
-13.00	-50.00	0.00639	-11.00	-50.00	0.00694
-9.00	-50.00	0.00757	9.00	-50.00	0.00735

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
11.00	-50.00	0.00667	13.00	-50.00	0.00612	
15.00	-50.00	0.00569	17.00	-50.00	0.00531	
20.00	-50.00	0.00483	25.00	-50.00	0.00418	
30.00	-50.00	0.00367	40.00	-50.00	0.00290	
50.00	-50.00	0.00234	60.00	-50.00	0.00192	
70.00	-50.00	0.00159	80.00	-50.00	0.00133	
90.00	-50.00	0.00112	100.00	-50.00	0.00096	
-100.00	-40.00	0.00047	-90.00	-40.00	0.00060	
-80.00	-40.00	0.00077	-70.00	-40.00	0.00102	
-60.00	-40.00	0.00136	-50.00	-40.00	0.00185	
-40.00	-40.00	0.00255	-30.00	-40.00	0.00355	
-25.00	-40.00	0.00422	-20.00	-40.00	0.00503	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00560	-15.00	-40.00	0.00602
-13.00	-40.00	0.00648	-11.00	-40.00	0.00698
-9.00	-40.00	0.00754	9.00	-40.00	0.00628
11.00	-40.00	0.00585	13.00	-40.00	0.00546
15.00	-40.00	0.00511	17.00	-40.00	0.00480
20.00	-40.00	0.00440	25.00	-40.00	0.00384
30.00	-40.00	0.00338	40.00	-40.00	0.00270
50.00	-40.00	0.00220	60.00	-40.00	0.00182
70.00	-40.00	0.00152	80.00	-40.00	0.00128
90.00	-40.00	0.00109	100.00	-40.00	0.00094
-100.00	-30.00	0.00052	-90.00	-30.00	0.00066
-80.00	-30.00	0.00085	-70.00	-30.00	0.00111
-60.00	-30.00	0.00147	-50.00	-30.00	0.00196
-40.00	-30.00	0.00266	-30.00	-30.00	0.00363
-25.00	-30.00	0.00426	-20.00	-30.00	0.00498
-17.00	-30.00	0.00544	-15.00	-30.00	0.00575
-13.00	-30.00	0.00604	-11.00	-30.00	0.00630
-9.00	-30.00	0.00651	9.00	-30.00	0.00505
11.00	-30.00	0.00478	13.00	-30.00	0.00454
15.00	-30.00	0.00432	17.00	-30.00	0.00411
20.00	-30.00	0.00383	25.00	-30.00	0.00341
30.00	-30.00	0.00305	40.00	-30.00	0.00247

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
50.00	-30.00	0.00204	60.00	-30.00	0.00170	
70.00	-30.00	0.00144	80.00	-30.00	0.00122	
90.00	-30.00	0.00105	100.00	-30.00	0.00090	
-100.00	-20.00	0.00057	-90.00	-20.00	0.00072	
-80.00	-20.00	0.00092	-70.00	-20.00	0.00118	
-60.00	-20.00	0.00154	-50.00	-20.00	0.00203	
-40.00	-20.00	0.00269	-30.00	-20.00	0.00356	
-25.00	-20.00	0.00405	-20.00	-20.00	0.00453	
-17.00	-20.00	0.00479	-15.00	-20.00	0.00494	
-13.00	-20.00	0.00507	-11.00	-20.00	0.00517	
-9.00	-20.00	0.00524	9.00	-20.00	0.00410	
11.00	-20.00	0.00391	13.00	-20.00	0.00374	
15.00	-20.00	0.00357	17.00	-20.00	0.00342	
20.00	-20.00	0.00322	25.00	-20.00	0.00292	
30.00	-20.00	0.00266	40.00	-20.00	0.00222	
50.00	-20.00	0.00187	60.00	-20.00	0.00158	
70.00	-20.00	0.00135	80.00	-20.00	0.00115	
90.00	-20.00	0.00100	100.00	-20.00	0.00087	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_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	0.00061	-90.00	-10.00	0.00077
-80.00	-10.00	0.00097	-70.00	-10.00	0.00124
-60.00	-10.00	0.00159	-50.00	-10.00	0.00205
-40.00	-10.00	0.00264	-30.00	-10.00	0.00329
-25.00	-10.00	0.00360	-20.00	-10.00	0.00388
-17.00	-10.00	0.00402	-15.00	-10.00	0.00410
-13.00	-10.00	0.00416	-11.00	-10.00	0.00420
-9.00	-10.00	0.00421	9.00	-10.00	0.00337
11.00	-10.00	0.00324	13.00	-10.00	0.00311
15.00	-10.00	0.00299	17.00	-10.00	0.00288
20.00	-10.00	0.00272	25.00	-10.00	0.00249
30.00	-10.00	0.00229	40.00	-10.00	0.00196
50.00	-10.00	0.00168	60.00	-10.00	0.00145
70.00	-10.00	0.00125	80.00	-10.00	0.00109
90.00	-10.00	0.00095	100.00	-10.00	0.00083
-100.00	0.00	0.00065	-90.00	0.00	0.00081

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-80.00	0.00	0.00101	-70.00	0.00	0.00127	
-60.00	0.00	0.00160	-50.00	0.00	0.00201	
-40.00	0.00	0.00246	-30.00	0.00	0.00291	
-25.00	0.00	0.00311	-20.00	0.00	0.00328	
-17.00	0.00	0.00335	-15.00	0.00	0.00339	
-13.00	0.00	0.00342	-11.00	0.00	0.00343	
-9.00	0.00	0.00342	9.00	0.00	0.00280	
11.00	0.00	0.00271	13.00	0.00	0.00262	
15.00	0.00	0.00253	17.00	0.00	0.00244	
20.00	0.00	0.00232	25.00	0.00	0.00214	
30.00	0.00	0.00197	40.00	0.00	0.00171	
50.00	0.00	0.00150	60.00	0.00	0.00131	
70.00	0.00	0.00115	80.00	0.00	0.00102	
90.00	0.00	0.00089	100.00	0.00	0.00079	
-100.00	10.00	0.00068	-90.00	10.00	0.00084	
-80.00	10.00	0.00103	-70.00	10.00	0.00128	
-60.00	10.00	0.00157	-50.00	10.00	0.00190	
-40.00	10.00	0.00223	-30.00	10.00	0.00254	
-25.00	10.00	0.00267	-20.00	10.00	0.00277	
-17.00	10.00	0.00281	-15.00	10.00	0.00282	
-13.00	10.00	0.00283	-11.00	10.00	0.00283	
-9.00	10.00	0.00282	9.00	10.00	0.00235	
11.00	10.00	0.00229	13.00	10.00	0.00222	
15.00	10.00	0.00216	17.00	10.00	0.00209	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00200	25.00	10.00	0.00185
30.00	10.00	0.00172	40.00	10.00	0.00150
50.00	10.00	0.00132	60.00	10.00	0.00118
70.00	10.00	0.00105	80.00	10.00	0.00094
90.00	10.00	0.00084	100.00	10.00	0.00075
-100.00	20.00	0.00070	-90.00	20.00	0.00086
-80.00	20.00	0.00104	-70.00	20.00	0.00126
-60.00	20.00	0.00150	-50.00	20.00	0.00175
-40.00	20.00	0.00199	-30.00	20.00	0.00221
-25.00	20.00	0.00229	-20.00	20.00	0.00235

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-17.00	20.00	0.00237	-15.00	20.00	0.00238	
-13.00	20.00	0.00238	-11.00	20.00	0.00237	
-9.00	20.00	0.00236	9.00	20.00	0.00200	
11.00	20.00	0.00195	13.00	20.00	0.00190	
15.00	20.00	0.00185	17.00	20.00	0.00180	
20.00	20.00	0.00173	25.00	20.00	0.00162	
30.00	20.00	0.00151	40.00	20.00	0.00133	
50.00	20.00	0.00118	60.00	20.00	0.00106	
70.00	20.00	0.00095	80.00	20.00	0.00086	
90.00	20.00	0.00078	100.00	20.00	0.00070	
-100.00	30.00	0.00072	-90.00	30.00	0.00086	
-80.00	30.00	0.00103	-70.00	30.00	0.00121	
-60.00	30.00	0.00140	-50.00	30.00	0.00159	
-40.00	30.00	0.00177	-30.00	30.00	0.00192	
-25.00	30.00	0.00198	-20.00	30.00	0.00201	
-17.00	30.00	0.00202	-15.00	30.00	0.00202	
-13.00	30.00	0.00202	-11.00	30.00	0.00201	
-9.00	30.00	0.00199	9.00	30.00	0.00172	
11.00	30.00	0.00168	13.00	30.00	0.00164	
15.00	30.00	0.00160	17.00	30.00	0.00157	
20.00	30.00	0.00151	25.00	30.00	0.00142	
30.00	30.00	0.00133	40.00	30.00	0.00118	
50.00	30.00	0.00105	60.00	30.00	0.00095	
70.00	30.00	0.00086	80.00	30.00	0.00079	
90.00	30.00	0.00072	100.00	30.00	0.00065	
-100.00	40.00	0.00073	-90.00	40.00	0.00085	
-80.00	40.00	0.00099	-70.00	40.00	0.00114	
-60.00	40.00	0.00129	-50.00	40.00	0.00144	
-40.00	40.00	0.00158	-30.00	40.00	0.00168	
-25.00	40.00	0.00172	-20.00	40.00	0.00174	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00174	-15.00	40.00	0.00174
-13.00	40.00	0.00173	-11.00	40.00	0.00172
-9.00	40.00	0.00171	9.00	40.00	0.00149
11.00	40.00	0.00146	13.00	40.00	0.00143

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

15.00	40.00	0.00140	17.00	40.00	0.00137
20.00	40.00	0.00133	25.00	40.00	0.00126
30.00	40.00	0.00118	40.00	40.00	0.00106
50.00	40.00	0.00095	60.00	40.00	0.00086
70.00	40.00	0.00078	80.00	40.00	0.00072
90.00	40.00	0.00066	100.00	40.00	0.00061
-100.00	50.00	0.00072	-90.00	50.00	0.00083
-80.00	50.00	0.00095	-70.00	50.00	0.00107
-60.00	50.00	0.00119	-50.00	50.00	0.00130
-40.00	50.00	0.00140	-30.00	50.00	0.00148
-25.00	50.00	0.00150	-20.00	50.00	0.00151
-17.00	50.00	0.00151	-15.00	50.00	0.00151
-13.00	50.00	0.00150	-11.00	50.00	0.00149
-9.00	50.00	0.00148	9.00	50.00	0.00130
11.00	50.00	0.00128	13.00	50.00	0.00125
15.00	50.00	0.00123	17.00	50.00	0.00121
20.00	50.00	0.00117	25.00	50.00	0.00112
30.00	50.00	0.00106	40.00	50.00	0.00095
50.00	50.00	0.00086	60.00	50.00	0.00078
70.00	50.00	0.00071	80.00	50.00	0.00066
90.00	50.00	0.00061	100.00	50.00	0.00056
-100.00	60.00	0.00070	-90.00	60.00	0.00080
-80.00	60.00	0.00089	-70.00	60.00	0.00099
-60.00	60.00	0.00109	-50.00	60.00	0.00118
-40.00	60.00	0.00126	-30.00	60.00	0.00131
-25.00	60.00	0.00132	-20.00	60.00	0.00133
-17.00	60.00	0.00132	-15.00	60.00	0.00132
-13.00	60.00	0.00131	-11.00	60.00	0.00130
-9.00	60.00	0.00129	9.00	60.00	0.00115
11.00	60.00	0.00113	13.00	60.00	0.00111
15.00	60.00	0.00109	17.00	60.00	0.00107
20.00	60.00	0.00105	25.00	60.00	0.00100
30.00	60.00	0.00095	40.00	60.00	0.00086
50.00	60.00	0.00078	60.00	60.00	0.00071
70.00	60.00	0.00065	80.00	60.00	0.00060
90.00	60.00	0.00056	100.00	60.00	0.00052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00068	-90.00	70.00	0.00076
-80.00	70.00	0.00084	-70.00	70.00	0.00092
-60.00	70.00	0.00100	-50.00	70.00	0.00107
-40.00	70.00	0.00113	-30.00	70.00	0.00116
-25.00	70.00	0.00117	-20.00	70.00	0.00117
-17.00	70.00	0.00117	-15.00	70.00	0.00116
-13.00	70.00	0.00116	-11.00	70.00	0.00115
-9.00	70.00	0.00114	9.00	70.00	0.00102
11.00	70.00	0.00100	13.00	70.00	0.00099
15.00	70.00	0.00097	17.00	70.00	0.00096
20.00	70.00	0.00094	25.00	70.00	0.00090
30.00	70.00	0.00086	40.00	70.00	0.00078
50.00	70.00	0.00071	60.00	70.00	0.00065
70.00	70.00	0.00060	80.00	70.00	0.00056
90.00	70.00	0.00052	100.00	70.00	0.00048
-100.00	80.00	0.00065	-90.00	80.00	0.00072
-80.00	80.00	0.00079	-70.00	80.00	0.00085
-60.00	80.00	0.00092	-50.00	80.00	0.00097
-40.00	80.00	0.00101	-30.00	80.00	0.00104
-25.00	80.00	0.00105	-20.00	80.00	0.00104
-17.00	80.00	0.00104	-15.00	80.00	0.00103
-13.00	80.00	0.00103	-11.00	80.00	0.00102
-9.00	80.00	0.00101	9.00	80.00	0.00091
11.00	80.00	0.00090	13.00	80.00	0.00089
15.00	80.00	0.00087	17.00	80.00	0.00086
20.00	80.00	0.00084	25.00	80.00	0.00081
30.00	80.00	0.00078	40.00	80.00	0.00071
50.00	80.00	0.00065	60.00	80.00	0.00060
70.00	80.00	0.00055	80.00	80.00	0.00052
90.00	80.00	0.00048	100.00	80.00	0.00045
-100.00	90.00	0.00062	-90.00	90.00	0.00068
-80.00	90.00	0.00073	-70.00	90.00	0.00079
-60.00	90.00	0.00084	-50.00	90.00	0.00088
-40.00	90.00	0.00092	-30.00	90.00	0.00094
-25.00	90.00	0.00094	-20.00	90.00	0.00093
-17.00	90.00	0.00093	-15.00	90.00	0.00092
-13.00	90.00	0.00092	-11.00	90.00	0.00091
-9.00	90.00	0.00091	9.00	90.00	0.00082
11.00	90.00	0.00081	13.00	90.00	0.00080
15.00	90.00	0.00079	17.00	90.00	0.00078

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

18:38:57

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

**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	0.00076	25.00	90.00	0.00073
30.00	90.00	0.00071	40.00	90.00	0.00065
50.00	90.00	0.00060	60.00	90.00	0.00055
70.00	90.00	0.00051	80.00	90.00	0.00048
90.00	90.00	0.00045	100.00	90.00	0.00042
-100.00	100.00	0.00059	-90.00	100.00	0.00064
-80.00	100.00	0.00069	-70.00	100.00	0.00073
-60.00	100.00	0.00077	-50.00	100.00	0.00081
-40.00	100.00	0.00083	-30.00	100.00	0.00085
-25.00	100.00	0.00085	-20.00	100.00	0.00084
-17.00	100.00	0.00084	-15.00	100.00	0.00083
-13.00	100.00	0.00083	-11.00	100.00	0.00082
-9.00	100.00	0.00082	9.00	100.00	0.00074
11.00	100.00	0.00073	13.00	100.00	0.00072
15.00	100.00	0.00071	17.00	100.00	0.00071
20.00	100.00	0.00069	25.00	100.00	0.00067
30.00	100.00	0.00065	40.00	100.00	0.00060
50.00	100.00	0.00056	60.00	100.00	0.00051
70.00	100.00	0.00048	80.00	100.00	0.00044
90.00	100.00	0.00042	100.00	100.00	0.00039
-100.00	110.00	0.00056	-90.00	110.00	0.00060
-80.00	110.00	0.00064	-70.00	110.00	0.00068
-60.00	110.00	0.00071	-50.00	110.00	0.00074
-40.00	110.00	0.00076	-30.00	110.00	0.00077
-25.00	110.00	0.00077	-20.00	110.00	0.00076
-17.00	110.00	0.00076	-15.00	110.00	0.00075
-13.00	110.00	0.00075	-11.00	110.00	0.00074
-9.00	110.00	0.00074	9.00	110.00	0.00067
11.00	110.00	0.00067	13.00	110.00	0.00066
15.00	110.00	0.00065	17.00	110.00	0.00064
20.00	110.00	0.00063	25.00	110.00	0.00061
30.00	110.00	0.00059	40.00	110.00	0.00055
50.00	110.00	0.00051	60.00	110.00	0.00048
70.00	110.00	0.00044	80.00	110.00	0.00042
90.00	110.00	0.00039	100.00	110.00	0.00037
-100.00	120.00	0.00053	-90.00	120.00	0.00057

-80.00	120.00	08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound 0.00060	-70.00	120.00	0.00063
-60.00	120.00	0.00066	-50.00	120.00	0.00068
-40.00	120.00	0.00069	-30.00	120.00	0.00070
-25.00	120.00	0.00070	-20.00	120.00	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00069	-15.00	120.00	0.00068
-13.00	120.00	0.00068	-11.00	120.00	0.00068
-9.00	120.00	0.00067	9.00	120.00	0.00062
11.00	120.00	0.00061	13.00	120.00	0.00060
15.00	120.00	0.00060	17.00	120.00	0.00059
20.00	120.00	0.00058	25.00	120.00	0.00056
30.00	120.00	0.00055	40.00	120.00	0.00051
50.00	120.00	0.00048	60.00	120.00	0.00045
70.00	120.00	0.00042	80.00	120.00	0.00039
90.00	120.00	0.00036	100.00	120.00	0.00034
-100.00	130.00	0.00050	-90.00	130.00	0.00053
-80.00	130.00	0.00056	-70.00	130.00	0.00059
-60.00	130.00	0.00061	-50.00	130.00	0.00063
-40.00	130.00	0.00064	-30.00	130.00	0.00064
-25.00	130.00	0.00064	-20.00	130.00	0.00063
-17.00	130.00	0.00063	-15.00	130.00	0.00063
-13.00	130.00	0.00062	-11.00	130.00	0.00062
-9.00	130.00	0.00061	9.00	130.00	0.00057
11.00	130.00	0.00056	13.00	130.00	0.00055
15.00	130.00	0.00055	17.00	130.00	0.00054
20.00	130.00	0.00053	25.00	130.00	0.00052
30.00	130.00	0.00050	40.00	130.00	0.00047
50.00	130.00	0.00044	60.00	130.00	0.00042
70.00	130.00	0.00039	80.00	130.00	0.00036
90.00	130.00	0.00034	100.00	130.00	0.00032
-100.00	140.00	0.00047	-90.00	140.00	0.00050
-80.00	140.00	0.00052	-70.00	140.00	0.00055
-60.00	140.00	0.00056	-50.00	140.00	0.00058
-40.00	140.00	0.00059	-30.00	140.00	0.00059
-25.00	140.00	0.00059	-20.00	140.00	0.00058

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-17.00	140.00	0.00058	-15.00	140.00	0.00057	
-13.00	140.00	0.00057	-11.00	140.00	0.00057	
-9.00	140.00	0.00056	9.00	140.00	0.00052	
11.00	140.00	0.00052	13.00	140.00	0.00051	
15.00	140.00	0.00051	17.00	140.00	0.00050	
20.00	140.00	0.00049	25.00	140.00	0.00048	
30.00	140.00	0.00047	40.00	140.00	0.00044	
50.00	140.00	0.00041	60.00	140.00	0.00039	
70.00	140.00	0.00036	80.00	140.00	0.00034	
90.00	140.00	0.00032	100.00	140.00	0.00030	

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57
 **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	0.00045	-90.00	150.00	0.00047
-80.00	150.00	0.00049	-70.00	150.00	0.00051
-60.00	150.00	0.00052	-50.00	150.00	0.00054
-40.00	150.00	0.00054	-30.00	150.00	0.00054
-25.00	150.00	0.00054	-20.00	150.00	0.00053
-17.00	150.00	0.00053	-15.00	150.00	0.00053
-13.00	150.00	0.00053	-11.00	150.00	0.00052
-9.00	150.00	0.00052	9.00	150.00	0.00048
11.00	150.00	0.00048	13.00	150.00	0.00047
15.00	150.00	0.00047	17.00	150.00	0.00046
20.00	150.00	0.00046	25.00	150.00	0.00044
30.00	150.00	0.00043	40.00	150.00	0.00041
50.00	150.00	0.00039	60.00	150.00	0.00037
70.00	150.00	0.00034	80.00	150.00	0.00032
90.00	150.00	0.00030	100.00	150.00	0.00029
-100.00	160.00	0.00042	-90.00	160.00	0.00044
-80.00	160.00	0.00046	-70.00	160.00	0.00048
-60.00	160.00	0.00049	-50.00	160.00	0.00050
-40.00	160.00	0.00050	-30.00	160.00	0.00050
-25.00	160.00	0.00050	-20.00	160.00	0.00049
-17.00	160.00	0.00049	-15.00	160.00	0.00049
-13.00	160.00	0.00049	-11.00	160.00	0.00048
-9.00	160.00	0.00048	9.00	160.00	0.00045
11.00	160.00	0.00044	13.00	160.00	0.00044

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

15.00	160.00	0.00043	17.00	160.00	0.00043
20.00	160.00	0.00042	25.00	160.00	0.00041
30.00	160.00	0.00040	40.00	160.00	0.00038
50.00	160.00	0.00036	60.00	160.00	0.00034
70.00	160.00	0.00032	80.00	160.00	0.00030
90.00	160.00	0.00029	100.00	160.00	0.00027
-100.00	170.00	0.00040	-90.00	170.00	0.00042
-80.00	170.00	0.00043	-70.00	170.00	0.00045
-60.00	170.00	0.00046	-50.00	170.00	0.00046
-40.00	170.00	0.00047	-30.00	170.00	0.00047
-25.00	170.00	0.00046	-20.00	170.00	0.00046
-17.00	170.00	0.00045	-15.00	170.00	0.00045
-13.00	170.00	0.00045	-11.00	170.00	0.00045
-9.00	170.00	0.00044	9.00	170.00	0.00041
11.00	170.00	0.00041	13.00	170.00	0.00041
15.00	170.00	0.00040	17.00	170.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00039	25.00	170.00	0.00039
30.00	170.00	0.00038	40.00	170.00	0.00036
50.00	170.00	0.00034	60.00	170.00	0.00032
70.00	170.00	0.00031	80.00	170.00	0.00029
90.00	170.00	0.00027	100.00	170.00	0.00026
-100.00	180.00	0.00038	-90.00	180.00	0.00039
-80.00	180.00	0.00041	-70.00	180.00	0.00042
-60.00	180.00	0.00043	-50.00	180.00	0.00043
-40.00	180.00	0.00044	-30.00	180.00	0.00043
-25.00	180.00	0.00043	-20.00	180.00	0.00043
-17.00	180.00	0.00042	-15.00	180.00	0.00042
-13.00	180.00	0.00042	-11.00	180.00	0.00042
-9.00	180.00	0.00041	9.00	180.00	0.00039
11.00	180.00	0.00038	13.00	180.00	0.00038
15.00	180.00	0.00038	17.00	180.00	0.00037
20.00	180.00	0.00037	25.00	180.00	0.00036
30.00	180.00	0.00035	40.00	180.00	0.00034
50.00	180.00	0.00032	60.00	180.00	0.00030

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
70.00	180.00	0.00029	80.00	180.00	0.00027	
90.00	180.00	0.00026	100.00	180.00	0.00025	
-100.00	190.00	0.00036	-90.00	190.00	0.00037	
-80.00	190.00	0.00038	-70.00	190.00	0.00039	
-60.00	190.00	0.00040	-50.00	190.00	0.00041	
-40.00	190.00	0.00041	-30.00	190.00	0.00040	
-25.00	190.00	0.00040	-20.00	190.00	0.00040	
-17.00	190.00	0.00039	-15.00	190.00	0.00039	
-13.00	190.00	0.00039	-11.00	190.00	0.00039	
-9.00	190.00	0.00039	9.00	190.00	0.00036	
11.00	190.00	0.00036	13.00	190.00	0.00036	
15.00	190.00	0.00035	17.00	190.00	0.00035	
20.00	190.00	0.00035	25.00	190.00	0.00034	
30.00	190.00	0.00033	40.00	190.00	0.00032	
50.00	190.00	0.00030	60.00	190.00	0.00029	
70.00	190.00	0.00027	80.00	190.00	0.00026	
90.00	190.00	0.00025	100.00	190.00	0.00023	
-100.00	200.00	0.00034	-90.00	200.00	0.00035	
-80.00	200.00	0.00036	-70.00	200.00	0.00037	
-60.00	200.00	0.00038	-50.00	200.00	0.00038	
-40.00	200.00	0.00038	-30.00	200.00	0.00038	
-25.00	200.00	0.00037	-20.00	200.00	0.00037	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTS:
 PAGE 100
 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	0.00037	-15.00	200.00	0.00037
-13.00	200.00	0.00036	-11.00	200.00	0.00036
-9.00	200.00	0.00036	9.00	200.00	0.00034
11.00	200.00	0.00034	13.00	200.00	0.00033
15.00	200.00	0.00033	17.00	200.00	0.00033
20.00	200.00	0.00032	25.00	200.00	0.00032
30.00	200.00	0.00031	40.00	200.00	0.00030
50.00	200.00	0.00029	60.00	200.00	0.00027
70.00	200.00	0.00026	80.00	200.00	0.00025
90.00	200.00	0.00023	100.00	200.00	0.00022
-100.00	210.00	0.00032	-90.00	210.00	0.00033
-80.00	210.00	0.00034	-70.00	210.00	0.00035

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-60.00	210.00	0.00035	-50.00	210.00	0.00036	
-40.00	210.00	0.00036	-30.00	210.00	0.00035	
-25.00	210.00	0.00035	-20.00	210.00	0.00035	
-17.00	210.00	0.00034	-15.00	210.00	0.00034	
-13.00	210.00	0.00034	-11.00	210.00	0.00034	
-9.00	210.00	0.00034	9.00	210.00	0.00032	
11.00	210.00	0.00032	13.00	210.00	0.00031	
15.00	210.00	0.00031	17.00	210.00	0.00031	
20.00	210.00	0.00030	25.00	210.00	0.00030	
30.00	210.00	0.00029	40.00	210.00	0.00028	
50.00	210.00	0.00027	60.00	210.00	0.00026	
70.00	210.00	0.00025	80.00	210.00	0.00023	
90.00	210.00	0.00022	100.00	210.00	0.00021	
-100.00	220.00	0.00031	-90.00	220.00	0.00032	
-80.00	220.00	0.00032	-70.00	220.00	0.00033	
-60.00	220.00	0.00033	-50.00	220.00	0.00034	
-40.00	220.00	0.00034	-30.00	220.00	0.00033	
-25.00	220.00	0.00033	-20.00	220.00	0.00033	
-17.00	220.00	0.00032	-15.00	220.00	0.00032	
-13.00	220.00	0.00032	-11.00	220.00	0.00032	
-9.00	220.00	0.00032	9.00	220.00	0.00030	
11.00	220.00	0.00030	13.00	220.00	0.00029	
15.00	220.00	0.00029	17.00	220.00	0.00029	
20.00	220.00	0.00029	25.00	220.00	0.00028	
30.00	220.00	0.00028	40.00	220.00	0.00027	
50.00	220.00	0.00026	60.00	220.00	0.00024	
70.00	220.00	0.00023	80.00	220.00	0.00022	
90.00	220.00	0.00021	100.00	220.00	0.00020	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00029	-90.00	230.00	0.00030
-80.00	230.00	0.00031	-70.00	230.00	0.00031
-60.00	230.00	0.00031	-50.00	230.00	0.00032
-40.00	230.00	0.00032	-30.00	230.00	0.00031
-25.00	230.00	0.00031	-20.00	230.00	0.00031
-17.00	230.00	0.00030	-15.00	230.00	0.00030

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound					
-13.00	230.00	0.00030	-11.00	230.00	0.00030
-9.00	230.00	0.00030	9.00	230.00	0.00028
11.00	230.00	0.00028	13.00	230.00	0.00028
15.00	230.00	0.00028	17.00	230.00	0.00027
20.00	230.00	0.00027	25.00	230.00	0.00027
30.00	230.00	0.00026	40.00	230.00	0.00025
50.00	230.00	0.00024	60.00	230.00	0.00023
70.00	230.00	0.00022	80.00	230.00	0.00021
90.00	230.00	0.00020	100.00	230.00	0.00019
-100.00	240.00	0.00028	-90.00	240.00	0.00028
-80.00	240.00	0.00029	-70.00	240.00	0.00029
-60.00	240.00	0.00030	-50.00	240.00	0.00030
-40.00	240.00	0.00030	-30.00	240.00	0.00029
-25.00	240.00	0.00029	-20.00	240.00	0.00029
-17.00	240.00	0.00029	-15.00	240.00	0.00029
-13.00	240.00	0.00028	-11.00	240.00	0.00028
-9.00	240.00	0.00028	9.00	240.00	0.00027
11.00	240.00	0.00026	13.00	240.00	0.00026
15.00	240.00	0.00026	17.00	240.00	0.00026
20.00	240.00	0.00026	25.00	240.00	0.00025
30.00	240.00	0.00025	40.00	240.00	0.00024
50.00	240.00	0.00023	60.00	240.00	0.00022
70.00	240.00	0.00021	80.00	240.00	0.00020
90.00	240.00	0.00019	100.00	240.00	0.00019
-100.00	250.00	0.00027	-90.00	250.00	0.00027
-80.00	250.00	0.00028	-70.00	250.00	0.00028
-60.00	250.00	0.00028	-50.00	250.00	0.00028
-40.00	250.00	0.00028	-30.00	250.00	0.00028
-25.00	250.00	0.00028	-20.00	250.00	0.00027
-17.00	250.00	0.00027	-15.00	250.00	0.00027
-13.00	250.00	0.00027	-11.00	250.00	0.00027
-9.00	250.00	0.00027	9.00	250.00	0.00025
11.00	250.00	0.00025	13.00	250.00	0.00025
15.00	250.00	0.00025	17.00	250.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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
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		08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound			
20.00	250.00	0.00024	25.00	250.00	0.00024
30.00	250.00	0.00023	40.00	250.00	0.00023
50.00	250.00	0.00022	60.00	250.00	0.00021
70.00	250.00	0.00020	80.00	250.00	0.00019
90.00	250.00	0.00019	100.00	250.00	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00018	-90.00	-250.00	0.00020
-80.00	-250.00	0.00023	-70.00	-250.00	0.00026
-60.00	-250.00	0.00030	-50.00	-250.00	0.00036
-40.00	-250.00	0.00044	-30.00	-250.00	0.00055
-25.00	-250.00	0.00063	-20.00	-250.00	0.00073
-17.00	-250.00	0.00080	-15.00	-250.00	0.00085
-13.00	-250.00	0.00090	-11.00	-250.00	0.00096
-9.00	-250.00	0.00102	9.00	-250.00	0.00162
11.00	-250.00	0.00170	13.00	-250.00	0.00177
15.00	-250.00	0.00184	17.00	-250.00	0.00189
20.00	-250.00	0.00196	25.00	-250.00	0.00204
30.00	-250.00	0.00207	40.00	-250.00	0.00199
50.00	-250.00	0.00182	60.00	-250.00	0.00164
70.00	-250.00	0.00146	80.00	-250.00	0.00129
90.00	-250.00	0.00113	100.00	-250.00	0.00099
-100.00	-240.00	0.00019	-90.00	-240.00	0.00021
-80.00	-240.00	0.00024	-70.00	-240.00	0.00028
-60.00	-240.00	0.00033	-50.00	-240.00	0.00039
-40.00	-240.00	0.00048	-30.00	-240.00	0.00060
-25.00	-240.00	0.00068	-20.00	-240.00	0.00079
-17.00	-240.00	0.00088	-15.00	-240.00	0.00094
-13.00	-240.00	0.00101	-11.00	-240.00	0.00108
-9.00	-240.00	0.00117	9.00	-240.00	0.00220
11.00	-240.00	0.00231	13.00	-240.00	0.00241
15.00	-240.00	0.00249	17.00	-240.00	0.00254
20.00	-240.00	0.00259	25.00	-240.00	0.00259
30.00	-240.00	0.00252	40.00	-240.00	0.00230
50.00	-240.00	0.00205	60.00	-240.00	0.00181
70.00	-240.00	0.00157	80.00	-240.00	0.00137

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
90.00	-240.00	0.00118	100.00	-240.00	0.00102	
-100.00	-230.00	0.00020	-90.00	-230.00	0.00023	
-80.00	-230.00	0.00026	-70.00	-230.00	0.00030	
-60.00	-230.00	0.00036	-50.00	-230.00	0.00043	
-40.00	-230.00	0.00052	-30.00	-230.00	0.00065	
-25.00	-230.00	0.00075	-20.00	-230.00	0.00087	
-17.00	-230.00	0.00095	-15.00	-230.00	0.00102	
-13.00	-230.00	0.00110	-11.00	-230.00	0.00120	
-9.00	-230.00	0.00132	9.00	-230.00	0.00322	
11.00	-230.00	0.00328	13.00	-230.00	0.00330	
15.00	-230.00	0.00329	17.00	-230.00	0.00327	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:38:57

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00322	25.00	-230.00	0.00309
30.00	-230.00	0.00293	40.00	-230.00	0.00259
50.00	-230.00	0.00225	60.00	-230.00	0.00194
70.00	-230.00	0.00166	80.00	-230.00	0.00142
90.00	-230.00	0.00121	100.00	-230.00	0.00104
-100.00	-220.00	0.00021	-90.00	-220.00	0.00024
-80.00	-220.00	0.00028	-70.00	-220.00	0.00033
-60.00	-220.00	0.00039	-50.00	-220.00	0.00047
-40.00	-220.00	0.00057	-30.00	-220.00	0.00073
-25.00	-220.00	0.00083	-20.00	-220.00	0.00097
-17.00	-220.00	0.00108	-15.00	-220.00	0.00116
-13.00	-220.00	0.00127	-11.00	-220.00	0.00141
-9.00	-220.00	0.00160	9.00	-220.00	0.00443
11.00	-220.00	0.00427	13.00	-220.00	0.00414
15.00	-220.00	0.00403	17.00	-220.00	0.00393
20.00	-220.00	0.00378	25.00	-220.00	0.00354
30.00	-220.00	0.00330	40.00	-220.00	0.00284
50.00	-220.00	0.00241	60.00	-220.00	0.00204
70.00	-220.00	0.00172	80.00	-220.00	0.00145
90.00	-220.00	0.00122	100.00	-220.00	0.00104
-100.00	-210.00	0.00023	-90.00	-210.00	0.00027
-80.00	-210.00	0.00031	-70.00	-210.00	0.00037
-60.00	-210.00	0.00044	-50.00	-210.00	0.00053

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-40.00	-210.00	0.00066	-30.00	-210.00	0.00085	
-25.00	-210.00	0.00100	-20.00	-210.00	0.00122	
-17.00	-210.00	0.00143	-15.00	-210.00	0.00164	
-13.00	-210.00	0.00191	-11.00	-210.00	0.00229	
-9.00	-210.00	0.00281	9.00	-210.00	0.00576	
11.00	-210.00	0.00542	13.00	-210.00	0.00514	
15.00	-210.00	0.00491	17.00	-210.00	0.00470	
20.00	-210.00	0.00442	25.00	-210.00	0.00401	
30.00	-210.00	0.00367	40.00	-210.00	0.00307	
50.00	-210.00	0.00256	60.00	-210.00	0.00213	
70.00	-210.00	0.00176	80.00	-210.00	0.00147	
90.00	-210.00	0.00123	100.00	-210.00	0.00105	
-100.00	-200.00	0.00025	-90.00	-200.00	0.00029	
-80.00	-200.00	0.00035	-70.00	-200.00	0.00041	
-60.00	-200.00	0.00050	-50.00	-200.00	0.00062	
-40.00	-200.00	0.00079	-30.00	-200.00	0.00108	
-25.00	-200.00	0.00136	-20.00	-200.00	0.00183	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00224	-15.00	-200.00	0.00259
-13.00	-200.00	0.00302	-11.00	-200.00	0.00354
-9.00	-200.00	0.00420	9.00	-200.00	0.00676
11.00	-200.00	0.00633	13.00	-200.00	0.00598
15.00	-200.00	0.00568	17.00	-200.00	0.00540
20.00	-200.00	0.00503	25.00	-200.00	0.00449
30.00	-200.00	0.00403	40.00	-200.00	0.00327
50.00	-200.00	0.00266	60.00	-200.00	0.00217
70.00	-200.00	0.00178	80.00	-200.00	0.00147
90.00	-200.00	0.00124	100.00	-200.00	0.00105
-100.00	-190.00	0.00027	-90.00	-190.00	0.00032
-80.00	-190.00	0.00039	-70.00	-190.00	0.00047
-60.00	-190.00	0.00058	-50.00	-190.00	0.00073
-40.00	-190.00	0.00098	-30.00	-190.00	0.00149
-25.00	-190.00	0.00194	-20.00	-190.00	0.00259
-17.00	-190.00	0.00311	-15.00	-190.00	0.00353
-13.00	-190.00	0.00402	-11.00	-190.00	0.00460

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-9.00	-190.00	0.00531	9.00	-190.00	0.00749	
11.00	-190.00	0.00699	13.00	-190.00	0.00658	
15.00	-190.00	0.00622	17.00	-190.00	0.00590	
20.00	-190.00	0.00547	25.00	-190.00	0.00485	
30.00	-190.00	0.00431	40.00	-190.00	0.00342	
50.00	-190.00	0.00272	60.00	-190.00	0.00218	
70.00	-190.00	0.00177	80.00	-190.00	0.00146	
90.00	-190.00	0.00123	100.00	-190.00	0.00104	
-100.00	-180.00	0.00030	-90.00	-180.00	0.00036	
-80.00	-180.00	0.00043	-70.00	-180.00	0.00053	
-60.00	-180.00	0.00067	-50.00	-180.00	0.00088	
-40.00	-180.00	0.00127	-30.00	-180.00	0.00197	
-25.00	-180.00	0.00252	-20.00	-180.00	0.00327	
-17.00	-180.00	0.00384	-15.00	-180.00	0.00429	
-13.00	-180.00	0.00481	-11.00	-180.00	0.00541	
-9.00	-180.00	0.00612	9.00	-180.00	0.00799	
11.00	-180.00	0.00743	13.00	-180.00	0.00697	
15.00	-180.00	0.00656	17.00	-180.00	0.00620	
20.00	-180.00	0.00573	25.00	-180.00	0.00504	
30.00	-180.00	0.00445	40.00	-180.00	0.00347	
50.00	-180.00	0.00272	60.00	-180.00	0.00217	
70.00	-180.00	0.00176	80.00	-180.00	0.00145	
90.00	-180.00	0.00122	100.00	-180.00	0.00103	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00033	-90.00	-170.00	0.00039
-80.00	-170.00	0.00048	-70.00	-170.00	0.00060
-60.00	-170.00	0.00078	-50.00	-170.00	0.00108
-40.00	-170.00	0.00159	-30.00	-170.00	0.00242
-25.00	-170.00	0.00303	-20.00	-170.00	0.00382
-17.00	-170.00	0.00442	-15.00	-170.00	0.00488
-13.00	-170.00	0.00540	-11.00	-170.00	0.00600
-9.00	-170.00	0.00671	9.00	-170.00	0.00828
11.00	-170.00	0.00766	13.00	-170.00	0.00716
15.00	-170.00	0.00672	17.00	-170.00	0.00633
20.00	-170.00	0.00580	25.00	-170.00	0.00506

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
30.00	-170.00	0.00442	40.00	-170.00	0.00341	
50.00	-170.00	0.00267	60.00	-170.00	0.00214	
70.00	-170.00	0.00174	80.00	-170.00	0.00143	
90.00	-170.00	0.00119	100.00	-170.00	0.00101	
-100.00	-160.00	0.00035	-90.00	-160.00	0.00043	
-80.00	-160.00	0.00053	-70.00	-160.00	0.00069	
-60.00	-160.00	0.00093	-50.00	-160.00	0.00131	
-40.00	-160.00	0.00189	-30.00	-160.00	0.00281	
-25.00	-160.00	0.00345	-20.00	-160.00	0.00427	
-17.00	-160.00	0.00486	-15.00	-160.00	0.00532	
-13.00	-160.00	0.00583	-11.00	-160.00	0.00642	
-9.00	-160.00	0.00712	9.00	-160.00	0.00834	
11.00	-160.00	0.00767	13.00	-160.00	0.00713	
15.00	-160.00	0.00666	17.00	-160.00	0.00623	
20.00	-160.00	0.00566	25.00	-160.00	0.00486	
30.00	-160.00	0.00422	40.00	-160.00	0.00327	
50.00	-160.00	0.00259	60.00	-160.00	0.00208	
70.00	-160.00	0.00170	80.00	-160.00	0.00140	
90.00	-160.00	0.00117	100.00	-160.00	0.00099	
-100.00	-150.00	0.00039	-90.00	-150.00	0.00048	
-80.00	-150.00	0.00060	-70.00	-150.00	0.00079	
-60.00	-150.00	0.00108	-50.00	-150.00	0.00151	
-40.00	-150.00	0.00215	-30.00	-150.00	0.00313	
-25.00	-150.00	0.00379	-20.00	-150.00	0.00462	
-17.00	-150.00	0.00521	-15.00	-150.00	0.00566	
-13.00	-150.00	0.00616	-11.00	-150.00	0.00672	
-9.00	-150.00	0.00739	9.00	-150.00	0.00811	
11.00	-150.00	0.00738	13.00	-150.00	0.00679	
15.00	-150.00	0.00629	17.00	-150.00	0.00585	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00528	25.00	-150.00	0.00453
30.00	-150.00	0.00395	40.00	-150.00	0.00309
50.00	-150.00	0.00247	60.00	-150.00	0.00200
70.00	-150.00	0.00164	80.00	-150.00	0.00136
90.00	-150.00	0.00114	100.00	-150.00	0.00097

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-140.00	0.00043	-90.00	-140.00	0.00053	
-80.00	-140.00	0.00069	-70.00	-140.00	0.00091	
-60.00	-140.00	0.00123	-50.00	-140.00	0.00170	
-40.00	-140.00	0.00238	-30.00	-140.00	0.00337	
-25.00	-140.00	0.00404	-20.00	-140.00	0.00487	
-17.00	-140.00	0.00546	-15.00	-140.00	0.00590	
-13.00	-140.00	0.00639	-11.00	-140.00	0.00694	
-9.00	-140.00	0.00757	9.00	-140.00	0.00735	
11.00	-140.00	0.00667	13.00	-140.00	0.00612	
15.00	-140.00	0.00569	17.00	-140.00	0.00531	
20.00	-140.00	0.00483	25.00	-140.00	0.00418	
30.00	-140.00	0.00367	40.00	-140.00	0.00290	
50.00	-140.00	0.00234	60.00	-140.00	0.00192	
70.00	-140.00	0.00159	80.00	-140.00	0.00133	
90.00	-140.00	0.00112	100.00	-140.00	0.00096	
-100.00	-130.00	0.00047	-90.00	-130.00	0.00060	
-80.00	-130.00	0.00077	-70.00	-130.00	0.00102	
-60.00	-130.00	0.00136	-50.00	-130.00	0.00185	
-40.00	-130.00	0.00255	-30.00	-130.00	0.00355	
-25.00	-130.00	0.00422	-20.00	-130.00	0.00503	
-17.00	-130.00	0.00560	-15.00	-130.00	0.00602	
-13.00	-130.00	0.00648	-11.00	-130.00	0.00698	
-9.00	-130.00	0.00754	9.00	-130.00	0.00628	
11.00	-130.00	0.00585	13.00	-130.00	0.00546	
15.00	-130.00	0.00511	17.00	-130.00	0.00480	
20.00	-130.00	0.00440	25.00	-130.00	0.00384	
30.00	-130.00	0.00338	40.00	-130.00	0.00270	
50.00	-130.00	0.00220	60.00	-130.00	0.00182	
70.00	-130.00	0.00152	80.00	-130.00	0.00128	
90.00	-130.00	0.00109	100.00	-130.00	0.00094	
-100.00	-120.00	0.00052	-90.00	-120.00	0.00066	
-80.00	-120.00	0.00085	-70.00	-120.00	0.00111	
-60.00	-120.00	0.00147	-50.00	-120.00	0.00196	
-40.00	-120.00	0.00266	-30.00	-120.00	0.00363	
-25.00	-120.00	0.00426	-20.00	-120.00	0.00498	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-17.00	-120.00	0.00544	-15.00	-120.00	0.00575
-13.00	-120.00	0.00604	-11.00	-120.00	0.00630
-9.00	-120.00	0.00651	9.00	-120.00	0.00505
11.00	-120.00	0.00478	13.00	-120.00	0.00454
15.00	-120.00	0.00432	17.00	-120.00	0.00411
20.00	-120.00	0.00383	25.00	-120.00	0.00341
30.00	-120.00	0.00305	40.00	-120.00	0.00247
50.00	-120.00	0.00204	60.00	-120.00	0.00170
70.00	-120.00	0.00144	80.00	-120.00	0.00122
90.00	-120.00	0.00105	100.00	-120.00	0.00090
-100.00	-110.00	0.00057	-90.00	-110.00	0.00072
-80.00	-110.00	0.00092	-70.00	-110.00	0.00118
-60.00	-110.00	0.00154	-50.00	-110.00	0.00203
-40.00	-110.00	0.00269	-30.00	-110.00	0.00356
-25.00	-110.00	0.00405	-20.00	-110.00	0.00453
-17.00	-110.00	0.00479	-15.00	-110.00	0.00494
-13.00	-110.00	0.00507	-11.00	-110.00	0.00517
-9.00	-110.00	0.00524	9.00	-110.00	0.00410
11.00	-110.00	0.00391	13.00	-110.00	0.00374
15.00	-110.00	0.00357	17.00	-110.00	0.00342
20.00	-110.00	0.00322	25.00	-110.00	0.00292
30.00	-110.00	0.00266	40.00	-110.00	0.00222
50.00	-110.00	0.00187	60.00	-110.00	0.00158
70.00	-110.00	0.00135	80.00	-110.00	0.00115
90.00	-110.00	0.00100	100.00	-110.00	0.00087
-100.00	-100.00	0.00061	-90.00	-100.00	0.00077
-80.00	-100.00	0.00097	-70.00	-100.00	0.00124
-60.00	-100.00	0.00159	-50.00	-100.00	0.00205
-40.00	-100.00	0.00264	-30.00	-100.00	0.00329
-25.00	-100.00	0.00360	-20.00	-100.00	0.00388
-17.00	-100.00	0.00402	-15.00	-100.00	0.00410
-13.00	-100.00	0.00416	-11.00	-100.00	0.00420
-9.00	-100.00	0.00421	9.00	-100.00	0.00337
11.00	-100.00	0.00324	13.00	-100.00	0.00311
15.00	-100.00	0.00299	17.00	-100.00	0.00288
20.00	-100.00	0.00272	25.00	-100.00	0.00249
30.00	-100.00	0.00229	40.00	-100.00	0.00196
50.00	-100.00	0.00168	60.00	-100.00	0.00145
70.00	-100.00	0.00125	80.00	-100.00	0.00109
90.00	-100.00	0.00095	100.00	-100.00	0.00083

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

18:38:57
**MODELOPTs:
PAGE 109

*** 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	0.00065	-90.00	-90.00	0.00081	
-80.00	-90.00	0.00101	-70.00	-90.00	0.00127	
-60.00	-90.00	0.00160	-50.00	-90.00	0.00201	
-40.00	-90.00	0.00246	-30.00	-90.00	0.00291	
-25.00	-90.00	0.00311	-20.00	-90.00	0.00328	
-17.00	-90.00	0.00335	-15.00	-90.00	0.00339	
-13.00	-90.00	0.00342	-11.00	-90.00	0.00343	
-9.00	-90.00	0.00342	9.00	-90.00	0.00280	
11.00	-90.00	0.00271	13.00	-90.00	0.00262	
15.00	-90.00	0.00253	17.00	-90.00	0.00244	
20.00	-90.00	0.00232	25.00	-90.00	0.00214	
30.00	-90.00	0.00197	40.00	-90.00	0.00171	
50.00	-90.00	0.00150	60.00	-90.00	0.00131	
70.00	-90.00	0.00115	80.00	-90.00	0.00102	
90.00	-90.00	0.00089	100.00	-90.00	0.00079	
-100.00	-80.00	0.00068	-90.00	-80.00	0.00084	
-80.00	-80.00	0.00103	-70.00	-80.00	0.00128	
-60.00	-80.00	0.00157	-50.00	-80.00	0.00190	
-40.00	-80.00	0.00223	-30.00	-80.00	0.00254	
-25.00	-80.00	0.00267	-20.00	-80.00	0.00277	
-17.00	-80.00	0.00281	-15.00	-80.00	0.00282	
-13.00	-80.00	0.00283	-11.00	-80.00	0.00283	
-9.00	-80.00	0.00282	9.00	-80.00	0.00235	
11.00	-80.00	0.00229	13.00	-80.00	0.00222	
15.00	-80.00	0.00216	17.00	-80.00	0.00209	
20.00	-80.00	0.00200	25.00	-80.00	0.00185	
30.00	-80.00	0.00172	40.00	-80.00	0.00150	
50.00	-80.00	0.00132	60.00	-80.00	0.00118	
70.00	-80.00	0.00105	80.00	-80.00	0.00094	
90.00	-80.00	0.00084	100.00	-80.00	0.00075	
-100.00	-70.00	0.00070	-90.00	-70.00	0.00086	
-80.00	-70.00	0.00104	-70.00	-70.00	0.00126	
-60.00	-70.00	0.00150	-50.00	-70.00	0.00175	
-40.00	-70.00	0.00199	-30.00	-70.00	0.00221	
-25.00	-70.00	0.00229	-20.00	-70.00	0.00235	
-17.00	-70.00	0.00237	-15.00	-70.00	0.00238	
-13.00	-70.00	0.00238	-11.00	-70.00	0.00237	

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound					
-9.00	-70.00	0.00236	9.00	-70.00	0.00200
11.00	-70.00	0.00195	13.00	-70.00	0.00190
15.00	-70.00	0.00185	17.00	-70.00	0.00180

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_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	0.00173	25.00	-70.00	0.00162
30.00	-70.00	0.00151	40.00	-70.00	0.00133
50.00	-70.00	0.00118	60.00	-70.00	0.00106
70.00	-70.00	0.00095	80.00	-70.00	0.00086
90.00	-70.00	0.00078	100.00	-70.00	0.00070
-100.00	-60.00	0.00072	-90.00	-60.00	0.00086
-80.00	-60.00	0.00103	-70.00	-60.00	0.00121
-60.00	-60.00	0.00140	-50.00	-60.00	0.00159
-40.00	-60.00	0.00177	-30.00	-60.00	0.00192
-25.00	-60.00	0.00198	-20.00	-60.00	0.00201
-17.00	-60.00	0.00202	-15.00	-60.00	0.00202
-13.00	-60.00	0.00202	-11.00	-60.00	0.00201
-9.00	-60.00	0.00199	9.00	-60.00	0.00172
11.00	-60.00	0.00168	13.00	-60.00	0.00164
15.00	-60.00	0.00160	17.00	-60.00	0.00157
20.00	-60.00	0.00151	25.00	-60.00	0.00142
30.00	-60.00	0.00133	40.00	-60.00	0.00118
50.00	-60.00	0.00105	60.00	-60.00	0.00095
70.00	-60.00	0.00086	80.00	-60.00	0.00079
90.00	-60.00	0.00072	100.00	-60.00	0.00065
-100.00	-50.00	0.00073	-90.00	-50.00	0.00085
-80.00	-50.00	0.00099	-70.00	-50.00	0.00114
-60.00	-50.00	0.00129	-50.00	-50.00	0.00144
-40.00	-50.00	0.00158	-30.00	-50.00	0.00168
-25.00	-50.00	0.00172	-20.00	-50.00	0.00174
-17.00	-50.00	0.00174	-15.00	-50.00	0.00174
-13.00	-50.00	0.00173	-11.00	-50.00	0.00172
-9.00	-50.00	0.00171	9.00	-50.00	0.00149
11.00	-50.00	0.00146	13.00	-50.00	0.00143
15.00	-50.00	0.00140	17.00	-50.00	0.00137
20.00	-50.00	0.00133	25.00	-50.00	0.00126

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

30.00	-50.00	0.00118	40.00	-50.00	0.00106
50.00	-50.00	0.00095	60.00	-50.00	0.00086
70.00	-50.00	0.00078	80.00	-50.00	0.00072
90.00	-50.00	0.00066	100.00	-50.00	0.00061
-100.00	-40.00	0.00072	-90.00	-40.00	0.00083
-80.00	-40.00	0.00095	-70.00	-40.00	0.00107
-60.00	-40.00	0.00119	-50.00	-40.00	0.00130
-40.00	-40.00	0.00140	-30.00	-40.00	0.00148
-25.00	-40.00	0.00150	-20.00	-40.00	0.00151

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***

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

18:38:57

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00151	-15.00	-40.00	0.00151
-13.00	-40.00	0.00150	-11.00	-40.00	0.00149
-9.00	-40.00	0.00148	9.00	-40.00	0.00130
11.00	-40.00	0.00128	13.00	-40.00	0.00125
15.00	-40.00	0.00123	17.00	-40.00	0.00121
20.00	-40.00	0.00117	25.00	-40.00	0.00112
30.00	-40.00	0.00106	40.00	-40.00	0.00095
50.00	-40.00	0.00086	60.00	-40.00	0.00078
70.00	-40.00	0.00071	80.00	-40.00	0.00066
90.00	-40.00	0.00061	100.00	-40.00	0.00056
-100.00	-30.00	0.00070	-90.00	-30.00	0.00080
-80.00	-30.00	0.00089	-70.00	-30.00	0.00099
-60.00	-30.00	0.00109	-50.00	-30.00	0.00118
-40.00	-30.00	0.00126	-30.00	-30.00	0.00131
-25.00	-30.00	0.00132	-20.00	-30.00	0.00133
-17.00	-30.00	0.00132	-15.00	-30.00	0.00132
-13.00	-30.00	0.00131	-11.00	-30.00	0.00130
-9.00	-30.00	0.00129	9.00	-30.00	0.00115
11.00	-30.00	0.00113	13.00	-30.00	0.00111
15.00	-30.00	0.00109	17.00	-30.00	0.00107
20.00	-30.00	0.00105	25.00	-30.00	0.00100
30.00	-30.00	0.00095	40.00	-30.00	0.00086
50.00	-30.00	0.00078	60.00	-30.00	0.00071
70.00	-30.00	0.00065	80.00	-30.00	0.00060
90.00	-30.00	0.00056	100.00	-30.00	0.00052

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-20.00	0.00068	-90.00	-20.00	0.00076	
-80.00	-20.00	0.00084	-70.00	-20.00	0.00092	
-60.00	-20.00	0.00100	-50.00	-20.00	0.00107	
-40.00	-20.00	0.00113	-30.00	-20.00	0.00116	
-25.00	-20.00	0.00117	-20.00	-20.00	0.00117	
-17.00	-20.00	0.00117	-15.00	-20.00	0.00116	
-13.00	-20.00	0.00116	-11.00	-20.00	0.00115	
-9.00	-20.00	0.00114	9.00	-20.00	0.00102	
11.00	-20.00	0.00100	13.00	-20.00	0.00099	
15.00	-20.00	0.00097	17.00	-20.00	0.00096	
20.00	-20.00	0.00094	25.00	-20.00	0.00090	
30.00	-20.00	0.00086	40.00	-20.00	0.00078	
50.00	-20.00	0.00071	60.00	-20.00	0.00065	
70.00	-20.00	0.00060	80.00	-20.00	0.00056	
90.00	-20.00	0.00052	100.00	-20.00	0.00048	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00065	-90.00	-10.00	0.00072
-80.00	-10.00	0.00079	-70.00	-10.00	0.00085
-60.00	-10.00	0.00092	-50.00	-10.00	0.00097
-40.00	-10.00	0.00101	-30.00	-10.00	0.00104
-25.00	-10.00	0.00105	-20.00	-10.00	0.00104
-17.00	-10.00	0.00104	-15.00	-10.00	0.00103
-13.00	-10.00	0.00103	-11.00	-10.00	0.00102
-9.00	-10.00	0.00101	9.00	-10.00	0.00091
11.00	-10.00	0.00090	13.00	-10.00	0.00089
15.00	-10.00	0.00087	17.00	-10.00	0.00086
20.00	-10.00	0.00084	25.00	-10.00	0.00081
30.00	-10.00	0.00078	40.00	-10.00	0.00071
50.00	-10.00	0.00065	60.00	-10.00	0.00060
70.00	-10.00	0.00055	80.00	-10.00	0.00052
90.00	-10.00	0.00048	100.00	-10.00	0.00045
-100.00	0.00	0.00062	-90.00	0.00	0.00068
-80.00	0.00	0.00073	-70.00	0.00	0.00079
-60.00	0.00	0.00084	-50.00	0.00	0.00088
-40.00	0.00	0.00092	-30.00	0.00	0.00094

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-25.00	0.00	0.00094	-20.00	0.00	0.00093	
-17.00	0.00	0.00093	-15.00	0.00	0.00092	
-13.00	0.00	0.00092	-11.00	0.00	0.00091	
-9.00	0.00	0.00091	9.00	0.00	0.00082	
11.00	0.00	0.00081	13.00	0.00	0.00080	
15.00	0.00	0.00079	17.00	0.00	0.00078	
20.00	0.00	0.00076	25.00	0.00	0.00073	
30.00	0.00	0.00071	40.00	0.00	0.00065	
50.00	0.00	0.00060	60.00	0.00	0.00055	
70.00	0.00	0.00051	80.00	0.00	0.00048	
90.00	0.00	0.00045	100.00	0.00	0.00042	
-100.00	10.00	0.00059	-90.00	10.00	0.00064	
-80.00	10.00	0.00069	-70.00	10.00	0.00073	
-60.00	10.00	0.00077	-50.00	10.00	0.00081	
-40.00	10.00	0.00083	-30.00	10.00	0.00085	
-25.00	10.00	0.00085	-20.00	10.00	0.00084	
-17.00	10.00	0.00084	-15.00	10.00	0.00083	
-13.00	10.00	0.00083	-11.00	10.00	0.00082	
-9.00	10.00	0.00082	9.00	10.00	0.00074	
11.00	10.00	0.00073	13.00	10.00	0.00072	
15.00	10.00	0.00071	17.00	10.00	0.00071	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00069	25.00	10.00	0.00067
30.00	10.00	0.00065	40.00	10.00	0.00060
50.00	10.00	0.00056	60.00	10.00	0.00051
70.00	10.00	0.00048	80.00	10.00	0.00044
90.00	10.00	0.00042	100.00	10.00	0.00039
-100.00	20.00	0.00056	-90.00	20.00	0.00060
-80.00	20.00	0.00064	-70.00	20.00	0.00068
-60.00	20.00	0.00071	-50.00	20.00	0.00074
-40.00	20.00	0.00076	-30.00	20.00	0.00077
-25.00	20.00	0.00077	-20.00	20.00	0.00076
-17.00	20.00	0.00076	-15.00	20.00	0.00075
-13.00	20.00	0.00075	-11.00	20.00	0.00074
-9.00	20.00	0.00074	9.00	20.00	0.00067

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

11.00	20.00	0.00067	13.00	20.00	0.00066
15.00	20.00	0.00065	17.00	20.00	0.00064
20.00	20.00	0.00063	25.00	20.00	0.00061
30.00	20.00	0.00059	40.00	20.00	0.00055
50.00	20.00	0.00051	60.00	20.00	0.00048
70.00	20.00	0.00044	80.00	20.00	0.00042
90.00	20.00	0.00039	100.00	20.00	0.00037
-100.00	30.00	0.00053	-90.00	30.00	0.00057
-80.00	30.00	0.00060	-70.00	30.00	0.00063
-60.00	30.00	0.00066	-50.00	30.00	0.00068
-40.00	30.00	0.00069	-30.00	30.00	0.00070
-25.00	30.00	0.00070	-20.00	30.00	0.00069
-17.00	30.00	0.00069	-15.00	30.00	0.00068
-13.00	30.00	0.00068	-11.00	30.00	0.00068
-9.00	30.00	0.00067	9.00	30.00	0.00062
11.00	30.00	0.00061	13.00	30.00	0.00060
15.00	30.00	0.00060	17.00	30.00	0.00059
20.00	30.00	0.00058	25.00	30.00	0.00056
30.00	30.00	0.00055	40.00	30.00	0.00051
50.00	30.00	0.00048	60.00	30.00	0.00045
70.00	30.00	0.00042	80.00	30.00	0.00039
90.00	30.00	0.00036	100.00	30.00	0.00034
-100.00	40.00	0.00050	-90.00	40.00	0.00053
-80.00	40.00	0.00056	-70.00	40.00	0.00059
-60.00	40.00	0.00061	-50.00	40.00	0.00063
-40.00	40.00	0.00064	-30.00	40.00	0.00064
-25.00	40.00	0.00064	-20.00	40.00	0.00063

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:38:57

**MODELOPTs:

PAGE 114

CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00063	-15.00	40.00	0.00063
-13.00	40.00	0.00062	-11.00	40.00	0.00062
-9.00	40.00	0.00061	9.00	40.00	0.00057
11.00	40.00	0.00056	13.00	40.00	0.00055
15.00	40.00	0.00055	17.00	40.00	0.00054
20.00	40.00	0.00053	25.00	40.00	0.00052
30.00	40.00	0.00050	40.00	40.00	0.00047

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

50.00	40.00	0.00044	60.00	40.00	0.00042
70.00	40.00	0.00039	80.00	40.00	0.00036
90.00	40.00	0.00034	100.00	40.00	0.00032
-100.00	50.00	0.00047	-90.00	50.00	0.00050
-80.00	50.00	0.00052	-70.00	50.00	0.00055
-60.00	50.00	0.00056	-50.00	50.00	0.00058
-40.00	50.00	0.00059	-30.00	50.00	0.00059
-25.00	50.00	0.00059	-20.00	50.00	0.00058
-17.00	50.00	0.00058	-15.00	50.00	0.00057
-13.00	50.00	0.00057	-11.00	50.00	0.00057
-9.00	50.00	0.00056	9.00	50.00	0.00052
11.00	50.00	0.00052	13.00	50.00	0.00051
15.00	50.00	0.00051	17.00	50.00	0.00050
20.00	50.00	0.00049	25.00	50.00	0.00048
30.00	50.00	0.00047	40.00	50.00	0.00044
50.00	50.00	0.00041	60.00	50.00	0.00039
70.00	50.00	0.00036	80.00	50.00	0.00034
90.00	50.00	0.00032	100.00	50.00	0.00030
-100.00	60.00	0.00045	-90.00	60.00	0.00047
-80.00	60.00	0.00049	-70.00	60.00	0.00051
-60.00	60.00	0.00052	-50.00	60.00	0.00054
-40.00	60.00	0.00054	-30.00	60.00	0.00054
-25.00	60.00	0.00054	-20.00	60.00	0.00053
-17.00	60.00	0.00053	-15.00	60.00	0.00053
-13.00	60.00	0.00053	-11.00	60.00	0.00052
-9.00	60.00	0.00052	9.00	60.00	0.00048
11.00	60.00	0.00048	13.00	60.00	0.00047
15.00	60.00	0.00047	17.00	60.00	0.00046
20.00	60.00	0.00046	25.00	60.00	0.00044
30.00	60.00	0.00043	40.00	60.00	0.00041
50.00	60.00	0.00039	60.00	60.00	0.00037
70.00	60.00	0.00034	80.00	60.00	0.00032
90.00	60.00	0.00030	100.00	60.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00042	-90.00	70.00	0.00044

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-80.00	70.00	0.00046	-70.00	70.00	0.00048
-60.00	70.00	0.00049	-50.00	70.00	0.00050
-40.00	70.00	0.00050	-30.00	70.00	0.00050
-25.00	70.00	0.00050	-20.00	70.00	0.00049
-17.00	70.00	0.00049	-15.00	70.00	0.00049
-13.00	70.00	0.00049	-11.00	70.00	0.00048
-9.00	70.00	0.00048	9.00	70.00	0.00045
11.00	70.00	0.00044	13.00	70.00	0.00044
15.00	70.00	0.00043	17.00	70.00	0.00043
20.00	70.00	0.00042	25.00	70.00	0.00041
30.00	70.00	0.00040	40.00	70.00	0.00038
50.00	70.00	0.00036	60.00	70.00	0.00034
70.00	70.00	0.00032	80.00	70.00	0.00030
90.00	70.00	0.00029	100.00	70.00	0.00027
-100.00	80.00	0.00040	-90.00	80.00	0.00042
-80.00	80.00	0.00043	-70.00	80.00	0.00045
-60.00	80.00	0.00046	-50.00	80.00	0.00046
-40.00	80.00	0.00047	-30.00	80.00	0.00047
-25.00	80.00	0.00046	-20.00	80.00	0.00046
-17.00	80.00	0.00045	-15.00	80.00	0.00045
-13.00	80.00	0.00045	-11.00	80.00	0.00045
-9.00	80.00	0.00044	9.00	80.00	0.00041
11.00	80.00	0.00041	13.00	80.00	0.00041
15.00	80.00	0.00040	17.00	80.00	0.00040
20.00	80.00	0.00039	25.00	80.00	0.00039
30.00	80.00	0.00038	40.00	80.00	0.00036
50.00	80.00	0.00034	60.00	80.00	0.00032
70.00	80.00	0.00031	80.00	80.00	0.00029
90.00	80.00	0.00027	100.00	80.00	0.00026
-100.00	90.00	0.00038	-90.00	90.00	0.00039
-80.00	90.00	0.00041	-70.00	90.00	0.00042
-60.00	90.00	0.00043	-50.00	90.00	0.00043
-40.00	90.00	0.00044	-30.00	90.00	0.00043
-25.00	90.00	0.00043	-20.00	90.00	0.00043
-17.00	90.00	0.00042	-15.00	90.00	0.00042
-13.00	90.00	0.00042	-11.00	90.00	0.00042
-9.00	90.00	0.00041	9.00	90.00	0.00039
11.00	90.00	0.00038	13.00	90.00	0.00038
15.00	90.00	0.00038	17.00	90.00	0.00037

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

18:38:57

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00037	25.00	90.00	0.00036
30.00	90.00	0.00035	40.00	90.00	0.00034
50.00	90.00	0.00032	60.00	90.00	0.00030
70.00	90.00	0.00029	80.00	90.00	0.00027
90.00	90.00	0.00026	100.00	90.00	0.00025
-100.00	100.00	0.00036	-90.00	100.00	0.00037
-80.00	100.00	0.00038	-70.00	100.00	0.00039
-60.00	100.00	0.00040	-50.00	100.00	0.00041
-40.00	100.00	0.00041	-30.00	100.00	0.00040
-25.00	100.00	0.00040	-20.00	100.00	0.00040
-17.00	100.00	0.00039	-15.00	100.00	0.00039
-13.00	100.00	0.00039	-11.00	100.00	0.00039
-9.00	100.00	0.00039	9.00	100.00	0.00036
11.00	100.00	0.00036	13.00	100.00	0.00036
15.00	100.00	0.00035	17.00	100.00	0.00035
20.00	100.00	0.00035	25.00	100.00	0.00034
30.00	100.00	0.00033	40.00	100.00	0.00032
50.00	100.00	0.00030	60.00	100.00	0.00029
70.00	100.00	0.00027	80.00	100.00	0.00026
90.00	100.00	0.00025	100.00	100.00	0.00023
-100.00	110.00	0.00034	-90.00	110.00	0.00035
-80.00	110.00	0.00036	-70.00	110.00	0.00037
-60.00	110.00	0.00038	-50.00	110.00	0.00038
-40.00	110.00	0.00038	-30.00	110.00	0.00038
-25.00	110.00	0.00037	-20.00	110.00	0.00037
-17.00	110.00	0.00037	-15.00	110.00	0.00037
-13.00	110.00	0.00036	-11.00	110.00	0.00036
-9.00	110.00	0.00036	9.00	110.00	0.00034
11.00	110.00	0.00034	13.00	110.00	0.00033
15.00	110.00	0.00033	17.00	110.00	0.00033
20.00	110.00	0.00032	25.00	110.00	0.00032
30.00	110.00	0.00031	40.00	110.00	0.00030
50.00	110.00	0.00029	60.00	110.00	0.00027
70.00	110.00	0.00026	80.00	110.00	0.00025
90.00	110.00	0.00023	100.00	110.00	0.00022
-100.00	120.00	0.00032	-90.00	120.00	0.00033
-80.00	120.00	0.00034	-70.00	120.00	0.00035
-60.00	120.00	0.00035	-50.00	120.00	0.00036
-40.00	120.00	0.00036	-30.00	120.00	0.00035

-25.00 120.00 08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound
 0.00035 -20.00 120.00 0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00034	-15.00	120.00	0.00034
-13.00	120.00	0.00034	-11.00	120.00	0.00034
-9.00	120.00	0.00034	9.00	120.00	0.00032
11.00	120.00	0.00032	13.00	120.00	0.00031
15.00	120.00	0.00031	17.00	120.00	0.00031
20.00	120.00	0.00030	25.00	120.00	0.00030
30.00	120.00	0.00029	40.00	120.00	0.00028
50.00	120.00	0.00027	60.00	120.00	0.00026
70.00	120.00	0.00025	80.00	120.00	0.00023
90.00	120.00	0.00022	100.00	120.00	0.00021
-100.00	130.00	0.00031	-90.00	130.00	0.00032
-80.00	130.00	0.00032	-70.00	130.00	0.00033
-60.00	130.00	0.00033	-50.00	130.00	0.00034
-40.00	130.00	0.00034	-30.00	130.00	0.00033
-25.00	130.00	0.00033	-20.00	130.00	0.00033
-17.00	130.00	0.00032	-15.00	130.00	0.00032
-13.00	130.00	0.00032	-11.00	130.00	0.00032
-9.00	130.00	0.00032	9.00	130.00	0.00030
11.00	130.00	0.00030	13.00	130.00	0.00029
15.00	130.00	0.00029	17.00	130.00	0.00029
20.00	130.00	0.00029	25.00	130.00	0.00028
30.00	130.00	0.00028	40.00	130.00	0.00027
50.00	130.00	0.00026	60.00	130.00	0.00024
70.00	130.00	0.00023	80.00	130.00	0.00022
90.00	130.00	0.00021	100.00	130.00	0.00020
-100.00	140.00	0.00029	-90.00	140.00	0.00030
-80.00	140.00	0.00031	-70.00	140.00	0.00031
-60.00	140.00	0.00031	-50.00	140.00	0.00032
-40.00	140.00	0.00032	-30.00	140.00	0.00031
-25.00	140.00	0.00031	-20.00	140.00	0.00031
-17.00	140.00	0.00030	-15.00	140.00	0.00030
-13.00	140.00	0.00030	-11.00	140.00	0.00030
-9.00	140.00	0.00030	9.00	140.00	0.00028

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
11.00	140.00	0.00028	13.00	140.00	0.00028	
15.00	140.00	0.00028	17.00	140.00	0.00027	
20.00	140.00	0.00027	25.00	140.00	0.00027	
30.00	140.00	0.00026	40.00	140.00	0.00025	
50.00	140.00	0.00024	60.00	140.00	0.00023	
70.00	140.00	0.00022	80.00	140.00	0.00021	
90.00	140.00	0.00020	100.00	140.00	0.00019	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00028	-90.00	150.00	0.00028
-80.00	150.00	0.00029	-70.00	150.00	0.00029
-60.00	150.00	0.00030	-50.00	150.00	0.00030
-40.00	150.00	0.00030	-30.00	150.00	0.00029
-25.00	150.00	0.00029	-20.00	150.00	0.00029
-17.00	150.00	0.00029	-15.00	150.00	0.00029
-13.00	150.00	0.00028	-11.00	150.00	0.00028
-9.00	150.00	0.00028	9.00	150.00	0.00027
11.00	150.00	0.00026	13.00	150.00	0.00026
15.00	150.00	0.00026	17.00	150.00	0.00026
20.00	150.00	0.00026	25.00	150.00	0.00025
30.00	150.00	0.00025	40.00	150.00	0.00024
50.00	150.00	0.00023	60.00	150.00	0.00022
70.00	150.00	0.00021	80.00	150.00	0.00020
90.00	150.00	0.00019	100.00	150.00	0.00019
-100.00	160.00	0.00027	-90.00	160.00	0.00027
-80.00	160.00	0.00028	-70.00	160.00	0.00028
-60.00	160.00	0.00028	-50.00	160.00	0.00028
-40.00	160.00	0.00028	-30.00	160.00	0.00028
-25.00	160.00	0.00028	-20.00	160.00	0.00027
-17.00	160.00	0.00027	-15.00	160.00	0.00027
-13.00	160.00	0.00027	-11.00	160.00	0.00027
-9.00	160.00	0.00027	9.00	160.00	0.00025
11.00	160.00	0.00025	13.00	160.00	0.00025
15.00	160.00	0.00025	17.00	160.00	0.00025
20.00	160.00	0.00024	25.00	160.00	0.00024
30.00	160.00	0.00023	40.00	160.00	0.00023

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound					
-80.00	190.00	0.00024	-70.00	190.00	0.00024
-60.00	190.00	0.00024	-50.00	190.00	0.00024
-40.00	190.00	0.00024	-30.00	190.00	0.00024
-25.00	190.00	0.00023	-20.00	190.00	0.00023
-17.00	190.00	0.00023	-15.00	190.00	0.00023
-13.00	190.00	0.00023	-11.00	190.00	0.00023
-9.00	190.00	0.00023	9.00	190.00	0.00022
11.00	190.00	0.00021	13.00	190.00	0.00021
15.00	190.00	0.00021	17.00	190.00	0.00021
20.00	190.00	0.00021	25.00	190.00	0.00021
30.00	190.00	0.00020	40.00	190.00	0.00020
50.00	190.00	0.00019	60.00	190.00	0.00018
70.00	190.00	0.00018	80.00	190.00	0.00017
90.00	190.00	0.00016	100.00	190.00	0.00016
-100.00	200.00	0.00022	-90.00	200.00	0.00022
-80.00	200.00	0.00023	-70.00	200.00	0.00023
-60.00	200.00	0.00023	-50.00	200.00	0.00023
-40.00	200.00	0.00023	-30.00	200.00	0.00022
-25.00	200.00	0.00022	-20.00	200.00	0.00022

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **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	0.00022	-15.00	200.00	0.00022
-13.00	200.00	0.00022	-11.00	200.00	0.00022
-9.00	200.00	0.00022	9.00	200.00	0.00021
11.00	200.00	0.00020	13.00	200.00	0.00020
15.00	200.00	0.00020	17.00	200.00	0.00020
20.00	200.00	0.00020	25.00	200.00	0.00020
30.00	200.00	0.00019	40.00	200.00	0.00019
50.00	200.00	0.00018	60.00	200.00	0.00018
70.00	200.00	0.00017	80.00	200.00	0.00016
90.00	200.00	0.00016	100.00	200.00	0.00015
-100.00	210.00	0.00021	-90.00	210.00	0.00021
-80.00	210.00	0.00022	-70.00	210.00	0.00022
-60.00	210.00	0.00022	-50.00	210.00	0.00022
-40.00	210.00	0.00022	-30.00	210.00	0.00021
-25.00	210.00	0.00021	-20.00	210.00	0.00021

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-17.00	210.00	0.00021	-15.00	210.00	0.00021	
-13.00	210.00	0.00021	-11.00	210.00	0.00021	
-9.00	210.00	0.00021	9.00	210.00	0.00020	
11.00	210.00	0.00019	13.00	210.00	0.00019	
15.00	210.00	0.00019	17.00	210.00	0.00019	
20.00	210.00	0.00019	25.00	210.00	0.00019	
30.00	210.00	0.00018	40.00	210.00	0.00018	
50.00	210.00	0.00017	60.00	210.00	0.00017	
70.00	210.00	0.00016	80.00	210.00	0.00016	
90.00	210.00	0.00015	100.00	210.00	0.00015	
-100.00	220.00	0.00020	-90.00	220.00	0.00021	
-80.00	220.00	0.00021	-70.00	220.00	0.00021	
-60.00	220.00	0.00021	-50.00	220.00	0.00021	
-40.00	220.00	0.00021	-30.00	220.00	0.00020	
-25.00	220.00	0.00020	-20.00	220.00	0.00020	
-17.00	220.00	0.00020	-15.00	220.00	0.00020	
-13.00	220.00	0.00020	-11.00	220.00	0.00020	
-9.00	220.00	0.00020	9.00	220.00	0.00019	
11.00	220.00	0.00019	13.00	220.00	0.00018	
15.00	220.00	0.00018	17.00	220.00	0.00018	
20.00	220.00	0.00018	25.00	220.00	0.00018	
30.00	220.00	0.00018	40.00	220.00	0.00017	
50.00	220.00	0.00017	60.00	220.00	0.00016	
70.00	220.00	0.00016	80.00	220.00	0.00015	
90.00	220.00	0.00015	100.00	220.00	0.00014	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00019	-90.00	230.00	0.00020
-80.00	230.00	0.00020	-70.00	230.00	0.00020
-60.00	230.00	0.00020	-50.00	230.00	0.00020
-40.00	230.00	0.00020	-30.00	230.00	0.00019
-25.00	230.00	0.00019	-20.00	230.00	0.00019
-17.00	230.00	0.00019	-15.00	230.00	0.00019
-13.00	230.00	0.00019	-11.00	230.00	0.00019
-9.00	230.00	0.00019	9.00	230.00	0.00018
11.00	230.00	0.00018	13.00	230.00	0.00018

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

15.00	230.00	0.00018	17.00	230.00	0.00017
20.00	230.00	0.00017	25.00	230.00	0.00017
30.00	230.00	0.00017	40.00	230.00	0.00016
50.00	230.00	0.00016	60.00	230.00	0.00015
70.00	230.00	0.00015	80.00	230.00	0.00015
90.00	230.00	0.00014	100.00	230.00	0.00014
-100.00	240.00	0.00019	-90.00	240.00	0.00019
-80.00	240.00	0.00019	-70.00	240.00	0.00019
-60.00	240.00	0.00019	-50.00	240.00	0.00019
-40.00	240.00	0.00019	-30.00	240.00	0.00019
-25.00	240.00	0.00018	-20.00	240.00	0.00018
-17.00	240.00	0.00018	-15.00	240.00	0.00018
-13.00	240.00	0.00018	-11.00	240.00	0.00018
-9.00	240.00	0.00018	9.00	240.00	0.00017
11.00	240.00	0.00017	13.00	240.00	0.00017
15.00	240.00	0.00017	17.00	240.00	0.00017
20.00	240.00	0.00017	25.00	240.00	0.00016
30.00	240.00	0.00016	40.00	240.00	0.00016
50.00	240.00	0.00015	60.00	240.00	0.00015
70.00	240.00	0.00014	80.00	240.00	0.00014
90.00	240.00	0.00013	100.00	240.00	0.00013
-100.00	250.00	0.00018	-90.00	250.00	0.00018
-80.00	250.00	0.00018	-70.00	250.00	0.00018
-60.00	250.00	0.00018	-50.00	250.00	0.00018
-40.00	250.00	0.00018	-30.00	250.00	0.00018
-25.00	250.00	0.00018	-20.00	250.00	0.00017
-17.00	250.00	0.00017	-15.00	250.00	0.00017
-13.00	250.00	0.00017	-11.00	250.00	0.00017
-9.00	250.00	0.00017	9.00	250.00	0.00016
11.00	250.00	0.00016	13.00	250.00	0.00016
15.00	250.00	0.00016	17.00	250.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00016	25.00	250.00	0.00016
30.00	250.00	0.00015	40.00	250.00	0.00015
50.00	250.00	0.00015	60.00	250.00	0.00014

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound
 70.00 250.00 0.00014 80.00 250.00 0.00013
 90.00 250.00 0.00013 100.00 250.00 0.00013

1 *** ICSCT3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00044	-90.00	-250.00	0.00048
-80.00	-250.00	0.00053	-70.00	-250.00	0.00060
-60.00	-250.00	0.00067	-50.00	-250.00	0.00076
-40.00	-250.00	0.00088	-30.00	-250.00	0.00103
-25.00	-250.00	0.00113	-20.00	-250.00	0.00125
-17.00	-250.00	0.00133	-15.00	-250.00	0.00139
-13.00	-250.00	0.00145	-11.00	-250.00	0.00151
-9.00	-250.00	0.00157	9.00	-250.00	0.00223
11.00	-250.00	0.00232	13.00	-250.00	0.00239
15.00	-250.00	0.00247	17.00	-250.00	0.00253
20.00	-250.00	0.00262	25.00	-250.00	0.00272
30.00	-250.00	0.00277	40.00	-250.00	0.00272
50.00	-250.00	0.00259	60.00	-250.00	0.00243
70.00	-250.00	0.00226	80.00	-250.00	0.00211
90.00	-250.00	0.00196	100.00	-250.00	0.00183
-100.00	-240.00	0.00046	-90.00	-240.00	0.00051
-80.00	-240.00	0.00057	-70.00	-240.00	0.00064
-60.00	-240.00	0.00072	-50.00	-240.00	0.00082
-40.00	-240.00	0.00095	-30.00	-240.00	0.00112
-25.00	-240.00	0.00123	-20.00	-240.00	0.00136
-17.00	-240.00	0.00145	-15.00	-240.00	0.00152
-13.00	-240.00	0.00160	-11.00	-240.00	0.00168
-9.00	-240.00	0.00178	9.00	-240.00	0.00287
11.00	-240.00	0.00299	13.00	-240.00	0.00310
15.00	-240.00	0.00318	17.00	-240.00	0.00325
20.00	-240.00	0.00331	25.00	-240.00	0.00334
30.00	-240.00	0.00329	40.00	-240.00	0.00312
50.00	-240.00	0.00291	60.00	-240.00	0.00268
70.00	-240.00	0.00247	80.00	-240.00	0.00227
90.00	-240.00	0.00210	100.00	-240.00	0.00194
-100.00	-230.00	0.00048	-90.00	-230.00	0.00053
-80.00	-230.00	0.00060	-70.00	-230.00	0.00068

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound					
-60.00	-230.00	0.00077	-50.00	-230.00	0.00088
-40.00	-230.00	0.00103	-30.00	-230.00	0.00122
-25.00	-230.00	0.00133	-20.00	-230.00	0.00148
-17.00	-230.00	0.00158	-15.00	-230.00	0.00166
-13.00	-230.00	0.00175	-11.00	-230.00	0.00186
-9.00	-230.00	0.00199	9.00	-230.00	0.00397
11.00	-230.00	0.00403	13.00	-230.00	0.00406
15.00	-230.00	0.00407	17.00	-230.00	0.00406

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00403	25.00	-230.00	0.00393
30.00	-230.00	0.00381	40.00	-230.00	0.00351
50.00	-230.00	0.00321	60.00	-230.00	0.00292
70.00	-230.00	0.00266	80.00	-230.00	0.00243
90.00	-230.00	0.00222	100.00	-230.00	0.00204
-100.00	-220.00	0.00051	-90.00	-220.00	0.00057
-80.00	-220.00	0.00064	-70.00	-220.00	0.00072
-60.00	-220.00	0.00083	-50.00	-220.00	0.00096
-40.00	-220.00	0.00112	-30.00	-220.00	0.00133
-25.00	-220.00	0.00147	-20.00	-220.00	0.00164
-17.00	-220.00	0.00177	-15.00	-220.00	0.00187
-13.00	-220.00	0.00199	-11.00	-220.00	0.00214
-9.00	-220.00	0.00234	9.00	-220.00	0.00527
11.00	-220.00	0.00511	13.00	-220.00	0.00500
15.00	-220.00	0.00491	17.00	-220.00	0.00482
20.00	-220.00	0.00470	25.00	-220.00	0.00449
30.00	-220.00	0.00428	40.00	-220.00	0.00388
50.00	-220.00	0.00349	60.00	-220.00	0.00314
70.00	-220.00	0.00284	80.00	-220.00	0.00258
90.00	-220.00	0.00235	100.00	-220.00	0.00215
-100.00	-210.00	0.00054	-90.00	-210.00	0.00060
-80.00	-210.00	0.00068	-70.00	-210.00	0.00078
-60.00	-210.00	0.00090	-50.00	-210.00	0.00105
-40.00	-210.00	0.00124	-30.00	-210.00	0.00151
-25.00	-210.00	0.00170	-20.00	-210.00	0.00196
-17.00	-210.00	0.00220	-15.00	-210.00	0.00242

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00271	-11.00	-210.00	0.00310
-9.00	-210.00	0.00364	9.00	-210.00	0.00670
11.00	-210.00	0.00638	13.00	-210.00	0.00612
15.00	-210.00	0.00591	17.00	-210.00	0.00572
20.00	-210.00	0.00546	25.00	-210.00	0.00510
30.00	-210.00	0.00479	40.00	-210.00	0.00426
50.00	-210.00	0.00379	60.00	-210.00	0.00338
70.00	-210.00	0.00303	80.00	-210.00	0.00273
90.00	-210.00	0.00248	100.00	-210.00	0.00226
-100.00	-200.00	0.00057	-90.00	-200.00	0.00065
-80.00	-200.00	0.00074	-70.00	-200.00	0.00085
-60.00	-200.00	0.00099	-50.00	-200.00	0.00117
-40.00	-200.00	0.00142	-30.00	-200.00	0.00180
-25.00	-200.00	0.00213	-20.00	-200.00	0.00264

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00309	-15.00	-200.00	0.00346
-13.00	-200.00	0.00391	-11.00	-200.00	0.00445
-9.00	-200.00	0.00513	9.00	-200.00	0.00784
11.00	-200.00	0.00743	13.00	-200.00	0.00711
15.00	-200.00	0.00683	17.00	-200.00	0.00658
20.00	-200.00	0.00624	25.00	-200.00	0.00575
30.00	-200.00	0.00534	40.00	-200.00	0.00464
50.00	-200.00	0.00408	60.00	-200.00	0.00361
70.00	-200.00	0.00322	80.00	-200.00	0.00288
90.00	-200.00	0.00260	100.00	-200.00	0.00236
-100.00	-190.00	0.00061	-90.00	-190.00	0.00069
-80.00	-190.00	0.00080	-70.00	-190.00	0.00093
-60.00	-190.00	0.00109	-50.00	-190.00	0.00132
-40.00	-190.00	0.00165	-30.00	-190.00	0.00227
-25.00	-190.00	0.00278	-20.00	-190.00	0.00349
-17.00	-190.00	0.00405	-15.00	-190.00	0.00450
-13.00	-190.00	0.00501	-11.00	-190.00	0.00562
-9.00	-190.00	0.00634	9.00	-190.00	0.00874
11.00	-190.00	0.00827	13.00	-190.00	0.00789
15.00	-190.00	0.00756	17.00	-190.00	0.00728

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00689	25.00	-190.00	0.00633
30.00	-190.00	0.00584	40.00	-190.00	0.00502
50.00	-190.00	0.00437	60.00	-190.00	0.00383
70.00	-190.00	0.00339	80.00	-190.00	0.00303
90.00	-190.00	0.00272	100.00	-190.00	0.00246
-100.00	-180.00	0.00066	-90.00	-180.00	0.00075
-80.00	-180.00	0.00087	-70.00	-180.00	0.00102
-60.00	-180.00	0.00122	-50.00	-180.00	0.00151
-40.00	-180.00	0.00199	-30.00	-180.00	0.00282
-25.00	-180.00	0.00344	-20.00	-180.00	0.00426
-17.00	-180.00	0.00489	-15.00	-180.00	0.00537
-13.00	-180.00	0.00592	-11.00	-180.00	0.00655
-9.00	-180.00	0.00730	9.00	-180.00	0.00946
11.00	-180.00	0.00894	13.00	-180.00	0.00852
15.00	-180.00	0.00816	17.00	-180.00	0.00784
20.00	-180.00	0.00742	25.00	-180.00	0.00680
30.00	-180.00	0.00627	40.00	-180.00	0.00538
50.00	-180.00	0.00465	60.00	-180.00	0.00405
70.00	-180.00	0.00357	80.00	-180.00	0.00317
90.00	-180.00	0.00284	100.00	-180.00	0.00256

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00070	-90.00	-170.00	0.00081
-80.00	-170.00	0.00094	-70.00	-170.00	0.00112
-60.00	-170.00	0.00137	-50.00	-170.00	0.00175
-40.00	-170.00	0.00236	-30.00	-170.00	0.00334
-25.00	-170.00	0.00403	-20.00	-170.00	0.00492
-17.00	-170.00	0.00558	-15.00	-170.00	0.00608
-13.00	-170.00	0.00665	-11.00	-170.00	0.00729
-9.00	-170.00	0.00805	9.00	-170.00	0.01005
11.00	-170.00	0.00949	13.00	-170.00	0.00905
15.00	-170.00	0.00866	17.00	-170.00	0.00831
20.00	-170.00	0.00785	25.00	-170.00	0.00720
30.00	-170.00	0.00663	40.00	-170.00	0.00568
50.00	-170.00	0.00490	60.00	-170.00	0.00426
70.00	-170.00	0.00374	80.00	-170.00	0.00331

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00295	100.00	-170.00	0.00266
-100.00	-160.00	0.00075	-90.00	-160.00	0.00087
-80.00	-160.00	0.00103	-70.00	-160.00	0.00124
-60.00	-160.00	0.00155	-50.00	-160.00	0.00202
-40.00	-160.00	0.00273	-30.00	-160.00	0.00380
-25.00	-160.00	0.00454	-20.00	-160.00	0.00547
-17.00	-160.00	0.00615	-15.00	-160.00	0.00666
-13.00	-160.00	0.00723	-11.00	-160.00	0.00788
-9.00	-160.00	0.00864	9.00	-160.00	0.01052
11.00	-160.00	0.00994	13.00	-160.00	0.00948
15.00	-160.00	0.00908	17.00	-160.00	0.00871
20.00	-160.00	0.00822	25.00	-160.00	0.00753
30.00	-160.00	0.00693	40.00	-160.00	0.00594
50.00	-160.00	0.00512	60.00	-160.00	0.00445
70.00	-160.00	0.00390	80.00	-160.00	0.00344
90.00	-160.00	0.00306	100.00	-160.00	0.00275
-100.00	-150.00	0.00081	-90.00	-150.00	0.00094
-80.00	-150.00	0.00113	-70.00	-150.00	0.00139
-60.00	-150.00	0.00176	-50.00	-150.00	0.00229
-40.00	-150.00	0.00306	-30.00	-150.00	0.00420
-25.00	-150.00	0.00496	-20.00	-150.00	0.00592
-17.00	-150.00	0.00661	-15.00	-150.00	0.00713
-13.00	-150.00	0.00770	-11.00	-150.00	0.00835
-9.00	-150.00	0.00911	9.00	-150.00	0.01093
11.00	-150.00	0.01032	13.00	-150.00	0.00983
15.00	-150.00	0.00942	17.00	-150.00	0.00904

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**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	0.00854	25.00	-150.00	0.00781
30.00	-150.00	0.00719	40.00	-150.00	0.00616
50.00	-150.00	0.00532	60.00	-150.00	0.00462
70.00	-150.00	0.00405	80.00	-150.00	0.00357
90.00	-150.00	0.00317	100.00	-150.00	0.00284
-100.00	-140.00	0.00087	-90.00	-140.00	0.00103
-80.00	-140.00	0.00124	-70.00	-140.00	0.00154
-60.00	-140.00	0.00196	-50.00	-140.00	0.00253

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00335	-30.00	-140.00	0.00454
-25.00	-140.00	0.00533	-20.00	-140.00	0.00630
-17.00	-140.00	0.00699	-15.00	-140.00	0.00751
-13.00	-140.00	0.00809	-11.00	-140.00	0.00875
-9.00	-140.00	0.00951	9.00	-140.00	0.01126
11.00	-140.00	0.01064	13.00	-140.00	0.01013
15.00	-140.00	0.00970	17.00	-140.00	0.00932
20.00	-140.00	0.00881	25.00	-140.00	0.00806
30.00	-140.00	0.00741	40.00	-140.00	0.00635
50.00	-140.00	0.00548	60.00	-140.00	0.00477
70.00	-140.00	0.00418	80.00	-140.00	0.00368
90.00	-140.00	0.00327	100.00	-140.00	0.00293
-100.00	-130.00	0.00094	-90.00	-130.00	0.00112
-80.00	-130.00	0.00136	-70.00	-130.00	0.00170
-60.00	-130.00	0.00214	-50.00	-130.00	0.00276
-40.00	-130.00	0.00362	-30.00	-130.00	0.00483
-25.00	-130.00	0.00563	-20.00	-130.00	0.00662
-17.00	-130.00	0.00731	-15.00	-130.00	0.00783
-13.00	-130.00	0.00841	-11.00	-130.00	0.00906
-9.00	-130.00	0.00982	9.00	-130.00	0.01150
11.00	-130.00	0.01090	13.00	-130.00	0.01040
15.00	-130.00	0.00996	17.00	-130.00	0.00956
20.00	-130.00	0.00904	25.00	-130.00	0.00827
30.00	-130.00	0.00761	40.00	-130.00	0.00652
50.00	-130.00	0.00563	60.00	-130.00	0.00490
70.00	-130.00	0.00429	80.00	-130.00	0.00379
90.00	-130.00	0.00336	100.00	-130.00	0.00301
-100.00	-120.00	0.00101	-90.00	-120.00	0.00122
-80.00	-120.00	0.00149	-70.00	-120.00	0.00184
-60.00	-120.00	0.00232	-50.00	-120.00	0.00296
-40.00	-120.00	0.00385	-30.00	-120.00	0.00509
-25.00	-120.00	0.00590	-20.00	-120.00	0.00688

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00758	-15.00	-120.00	0.00811
-13.00	-120.00	0.00869	-11.00	-120.00	0.00934

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

-9.00	-120.00	0.01009	9.00	-120.00	0.01169
11.00	-120.00	0.01110	13.00	-120.00	0.01060
15.00	-120.00	0.01016	17.00	-120.00	0.00977
20.00	-120.00	0.00923	25.00	-120.00	0.00845
30.00	-120.00	0.00778	40.00	-120.00	0.00666
50.00	-120.00	0.00576	60.00	-120.00	0.00501
70.00	-120.00	0.00439	80.00	-120.00	0.00388
90.00	-120.00	0.00344	100.00	-120.00	0.00308
-100.00	-110.00	0.00110	-90.00	-110.00	0.00132
-80.00	-110.00	0.00161	-70.00	-110.00	0.00198
-60.00	-110.00	0.00248	-50.00	-110.00	0.00314
-40.00	-110.00	0.00405	-30.00	-110.00	0.00531
-25.00	-110.00	0.00612	-20.00	-110.00	0.00711
-17.00	-110.00	0.00781	-15.00	-110.00	0.00834
-13.00	-110.00	0.00891	-11.00	-110.00	0.00956
-9.00	-110.00	0.01031	9.00	-110.00	0.01188
11.00	-110.00	0.01128	13.00	-110.00	0.01078
15.00	-110.00	0.01034	17.00	-110.00	0.00994
20.00	-110.00	0.00939	25.00	-110.00	0.00861
30.00	-110.00	0.00793	40.00	-110.00	0.00679
50.00	-110.00	0.00587	60.00	-110.00	0.00511
70.00	-110.00	0.00448	80.00	-110.00	0.00396
90.00	-110.00	0.00352	100.00	-110.00	0.00314
-100.00	-100.00	0.00118	-90.00	-100.00	0.00141
-80.00	-100.00	0.00172	-70.00	-100.00	0.00211
-60.00	-100.00	0.00263	-50.00	-100.00	0.00331
-40.00	-100.00	0.00423	-30.00	-100.00	0.00550
-25.00	-100.00	0.00632	-20.00	-100.00	0.00731
-17.00	-100.00	0.00801	-15.00	-100.00	0.00853
-13.00	-100.00	0.00910	-11.00	-100.00	0.00975
-9.00	-100.00	0.01049	9.00	-100.00	0.01204
11.00	-100.00	0.01144	13.00	-100.00	0.01093
15.00	-100.00	0.01049	17.00	-100.00	0.01008
20.00	-100.00	0.00954	25.00	-100.00	0.00874
30.00	-100.00	0.00806	40.00	-100.00	0.00691
50.00	-100.00	0.00597	60.00	-100.00	0.00520
70.00	-100.00	0.00456	80.00	-100.00	0.00403
90.00	-100.00	0.00358	100.00	-100.00	0.00320

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
 PAGE 129
 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 ,
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*** DISCRETE 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	0.00126	-90.00	-90.00	0.00151	
-80.00	-90.00	0.00182	-70.00	-90.00	0.00223	
-60.00	-90.00	0.00276	-50.00	-90.00	0.00346	
-40.00	-90.00	0.00439	-30.00	-90.00	0.00566	
-25.00	-90.00	0.00648	-20.00	-90.00	0.00747	
-17.00	-90.00	0.00817	-15.00	-90.00	0.00869	
-13.00	-90.00	0.00927	-11.00	-90.00	0.00991	
-9.00	-90.00	0.01065	9.00	-90.00	0.01219	
11.00	-90.00	0.01158	13.00	-90.00	0.01107	
15.00	-90.00	0.01062	17.00	-90.00	0.01021	
20.00	-90.00	0.00966	25.00	-90.00	0.00886	
30.00	-90.00	0.00817	40.00	-90.00	0.00701	
50.00	-90.00	0.00606	60.00	-90.00	0.00528	
70.00	-90.00	0.00463	80.00	-90.00	0.00409	
90.00	-90.00	0.00364	100.00	-90.00	0.00325	
-100.00	-80.00	0.00133	-90.00	-80.00	0.00159	
-80.00	-80.00	0.00192	-70.00	-80.00	0.00234	
-60.00	-80.00	0.00288	-50.00	-80.00	0.00359	
-40.00	-80.00	0.00453	-30.00	-80.00	0.00581	
-25.00	-80.00	0.00663	-20.00	-80.00	0.00762	
-17.00	-80.00	0.00832	-15.00	-80.00	0.00884	
-13.00	-80.00	0.00941	-11.00	-80.00	0.01005	
-9.00	-80.00	0.01080	9.00	-80.00	0.01233	
11.00	-80.00	0.01171	13.00	-80.00	0.01119	
15.00	-80.00	0.01074	17.00	-80.00	0.01033	
20.00	-80.00	0.00977	25.00	-80.00	0.00897	
30.00	-80.00	0.00827	40.00	-80.00	0.00709	
50.00	-80.00	0.00614	60.00	-80.00	0.00535	
70.00	-80.00	0.00470	80.00	-80.00	0.00415	
90.00	-80.00	0.00369	100.00	-80.00	0.00330	
-100.00	-70.00	0.00141	-90.00	-70.00	0.00167	
-80.00	-70.00	0.00201	-70.00	-70.00	0.00244	
-60.00	-70.00	0.00299	-50.00	-70.00	0.00370	
-40.00	-70.00	0.00465	-30.00	-70.00	0.00593	
-25.00	-70.00	0.00675	-20.00	-70.00	0.00774	
-17.00	-70.00	0.00844	-15.00	-70.00	0.00896	
-13.00	-70.00	0.00953	-11.00	-70.00	0.01017	
-9.00	-70.00	0.01092	9.00	-70.00	0.01244	
11.00	-70.00	0.01181	13.00	-70.00	0.01130	
15.00	-70.00	0.01085	17.00	-70.00	0.01043	

1 *** ISCST3 - VERSION 02035 *** 08NCRA SR03-300_DPM_TRAV_ANN_N-S Bound ***
 04/18/08 *** NCRA Cumulative DPM Impacts ***
 18:38:57 *** Maximum train overlap at North/South Bound Direction ***
 **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	0.00987	25.00	-70.00	0.00906
30.00	-70.00	0.00836	40.00	-70.00	0.00717
50.00	-70.00	0.00621	60.00	-70.00	0.00541
70.00	-70.00	0.00475	80.00	-70.00	0.00420
90.00	-70.00	0.00374	100.00	-70.00	0.00334
-100.00	-60.00	0.00148	-90.00	-60.00	0.00175
-80.00	-60.00	0.00210	-70.00	-60.00	0.00253
-60.00	-60.00	0.00309	-50.00	-60.00	0.00381
-40.00	-60.00	0.00476	-30.00	-60.00	0.00604
-25.00	-60.00	0.00686	-20.00	-60.00	0.00786
-17.00	-60.00	0.00855	-15.00	-60.00	0.00907
-13.00	-60.00	0.00964	-11.00	-60.00	0.01028
-9.00	-60.00	0.01103	9.00	-60.00	0.01256
11.00	-60.00	0.01191	13.00	-60.00	0.01139
15.00	-60.00	0.01094	17.00	-60.00	0.01052
20.00	-60.00	0.00996	25.00	-60.00	0.00914
30.00	-60.00	0.00843	40.00	-60.00	0.00724
50.00	-60.00	0.00627	60.00	-60.00	0.00547
70.00	-60.00	0.00480	80.00	-60.00	0.00425
90.00	-60.00	0.00378	100.00	-60.00	0.00338
-100.00	-50.00	0.00154	-90.00	-50.00	0.00182
-80.00	-50.00	0.00217	-70.00	-50.00	0.00262
-60.00	-50.00	0.00318	-50.00	-50.00	0.00390
-40.00	-50.00	0.00485	-30.00	-50.00	0.00614
-25.00	-50.00	0.00696	-20.00	-50.00	0.00796
-17.00	-50.00	0.00865	-15.00	-50.00	0.00917
-13.00	-50.00	0.00974	-11.00	-50.00	0.01038
-9.00	-50.00	0.01113	9.00	-50.00	0.01266
11.00	-50.00	0.01201	13.00	-50.00	0.01147
15.00	-50.00	0.01101	17.00	-50.00	0.01060
20.00	-50.00	0.01004	25.00	-50.00	0.00922
30.00	-50.00	0.00850	40.00	-50.00	0.00730
50.00	-50.00	0.00633	60.00	-50.00	0.00552
70.00	-50.00	0.00485	80.00	-50.00	0.00428

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
90.00	-50.00	0.00381	100.00	-50.00	0.00341	
-100.00	-40.00	0.00160	-90.00	-40.00	0.00189	
-80.00	-40.00	0.00225	-70.00	-40.00	0.00269	
-60.00	-40.00	0.00326	-50.00	-40.00	0.00399	
-40.00	-40.00	0.00494	-30.00	-40.00	0.00623	
-25.00	-40.00	0.00705	-20.00	-40.00	0.00804	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	-40.00	0.00873	-15.00	-40.00	0.00925	
-13.00	-40.00	0.00982	-11.00	-40.00	0.01047	
-9.00	-40.00	0.01121	9.00	-40.00	0.01270	
11.00	-40.00	0.01209	13.00	-40.00	0.01156	
15.00	-40.00	0.01109	17.00	-40.00	0.01068	
20.00	-40.00	0.01011	25.00	-40.00	0.00928	
30.00	-40.00	0.00856	40.00	-40.00	0.00736	
50.00	-40.00	0.00638	60.00	-40.00	0.00556	
70.00	-40.00	0.00488	80.00	-40.00	0.00432	
90.00	-40.00	0.00384	100.00	-40.00	0.00344	
-100.00	-30.00	0.00166	-90.00	-30.00	0.00195	
-80.00	-30.00	0.00231	-70.00	-30.00	0.00276	
-60.00	-30.00	0.00333	-50.00	-30.00	0.00406	
-40.00	-30.00	0.00502	-30.00	-30.00	0.00631	
-25.00	-30.00	0.00713	-20.00	-30.00	0.00812	
-17.00	-30.00	0.00881	-15.00	-30.00	0.00933	
-13.00	-30.00	0.00990	-11.00	-30.00	0.01055	
-9.00	-30.00	0.01129	9.00	-30.00	0.01273	
11.00	-30.00	0.01212	13.00	-30.00	0.01161	
15.00	-30.00	0.01115	17.00	-30.00	0.01074	
20.00	-30.00	0.01017	25.00	-30.00	0.00934	
30.00	-30.00	0.00862	40.00	-30.00	0.00741	
50.00	-30.00	0.00642	60.00	-30.00	0.00560	
70.00	-30.00	0.00492	80.00	-30.00	0.00435	
90.00	-30.00	0.00387	100.00	-30.00	0.00346	
-100.00	-20.00	0.00171	-90.00	-20.00	0.00201	
-80.00	-20.00	0.00237	-70.00	-20.00	0.00283	
-60.00	-20.00	0.00340	-50.00	-20.00	0.00413	

08NCRA SR03-300_DPM_TRAV_ANN_N-S Bound					
-40.00	-20.00	0.00509	-30.00	-20.00	0.00638
-25.00	-20.00	0.00720	-20.00	-20.00	0.00819
-17.00	-20.00	0.00888	-15.00	-20.00	0.00940
-13.00	-20.00	0.00997	-11.00	-20.00	0.01061
-9.00	-20.00	0.01135	9.00	-20.00	0.01279
11.00	-20.00	0.01218	13.00	-20.00	0.01166
15.00	-20.00	0.01120	17.00	-20.00	0.01078
20.00	-20.00	0.01022	25.00	-20.00	0.00939
30.00	-20.00	0.00867	40.00	-20.00	0.00745
50.00	-20.00	0.00645	60.00	-20.00	0.00563
70.00	-20.00	0.00494	80.00	-20.00	0.00437
90.00	-20.00	0.00389	100.00	-20.00	0.00348

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

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**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	0.00176	-90.00	-10.00	0.00206
-80.00	-10.00	0.00243	-70.00	-10.00	0.00289
-60.00	-10.00	0.00346	-50.00	-10.00	0.00419
-40.00	-10.00	0.00515	-30.00	-10.00	0.00644
-25.00	-10.00	0.00726	-20.00	-10.00	0.00825
-17.00	-10.00	0.00894	-15.00	-10.00	0.00945
-13.00	-10.00	0.01002	-11.00	-10.00	0.01066
-9.00	-10.00	0.01140	9.00	-10.00	0.01284
11.00	-10.00	0.01222	13.00	-10.00	0.01170
15.00	-10.00	0.01124	17.00	-10.00	0.01083
20.00	-10.00	0.01026	25.00	-10.00	0.00943
30.00	-10.00	0.00871	40.00	-10.00	0.00749
50.00	-10.00	0.00649	60.00	-10.00	0.00566
70.00	-10.00	0.00497	80.00	-10.00	0.00439
90.00	-10.00	0.00390	100.00	-10.00	0.00349
-100.00	0.00	0.00181	-90.00	0.00	0.00211
-80.00	0.00	0.00248	-70.00	0.00	0.00294
-60.00	0.00	0.00351	-50.00	0.00	0.00425
-40.00	0.00	0.00520	-30.00	0.00	0.00649
-25.00	0.00	0.00731	-20.00	0.00	0.00830
-17.00	0.00	0.00899	-15.00	0.00	0.00950
-13.00	0.00	0.01007	-11.00	0.00	0.01071

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-9.00	0.00	0.01145	9.00	0.00	0.01289	
11.00	0.00	0.01227	13.00	0.00	0.01174	
15.00	0.00	0.01128	17.00	0.00	0.01086	
20.00	0.00	0.01030	25.00	0.00	0.00947	
30.00	0.00	0.00874	40.00	0.00	0.00752	
50.00	0.00	0.00651	60.00	0.00	0.00568	
70.00	0.00	0.00499	80.00	0.00	0.00441	
90.00	0.00	0.00392	100.00	0.00	0.00350	
-100.00	10.00	0.00185	-90.00	10.00	0.00216	
-80.00	10.00	0.00253	-70.00	10.00	0.00299	
-60.00	10.00	0.00356	-50.00	10.00	0.00429	
-40.00	10.00	0.00525	-30.00	10.00	0.00654	
-25.00	10.00	0.00736	-20.00	10.00	0.00834	
-17.00	10.00	0.00903	-15.00	10.00	0.00955	
-13.00	10.00	0.01011	-11.00	10.00	0.01075	
-9.00	10.00	0.01149	9.00	10.00	0.01294	
11.00	10.00	0.01230	13.00	10.00	0.01178	
15.00	10.00	0.01132	17.00	10.00	0.01090	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

**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	0.01033	25.00	10.00	0.00950
30.00	10.00	0.00877	40.00	10.00	0.00754
50.00	10.00	0.00653	60.00	10.00	0.00570
70.00	10.00	0.00500	80.00	10.00	0.00442
90.00	10.00	0.00393	100.00	10.00	0.00351
-100.00	20.00	0.00189	-90.00	20.00	0.00220
-80.00	20.00	0.00257	-70.00	20.00	0.00303
-60.00	20.00	0.00360	-50.00	20.00	0.00434
-40.00	20.00	0.00529	-30.00	20.00	0.00658
-25.00	20.00	0.00740	-20.00	20.00	0.00838
-17.00	20.00	0.00907	-15.00	20.00	0.00959
-13.00	20.00	0.01015	-11.00	20.00	0.01079
-9.00	20.00	0.01153	9.00	20.00	0.01298
11.00	20.00	0.01233	13.00	20.00	0.01181
15.00	20.00	0.01135	17.00	20.00	0.01093
20.00	20.00	0.01036	25.00	20.00	0.00952

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00879	40.00	20.00	0.00756
50.00	20.00	0.00655	60.00	20.00	0.00571
70.00	20.00	0.00501	80.00	20.00	0.00442
90.00	20.00	0.00393	100.00	20.00	0.00351
-100.00	30.00	0.00193	-90.00	30.00	0.00224
-80.00	30.00	0.00261	-70.00	30.00	0.00307
-60.00	30.00	0.00364	-50.00	30.00	0.00438
-40.00	30.00	0.00533	-30.00	30.00	0.00661
-25.00	30.00	0.00743	-20.00	30.00	0.00841
-17.00	30.00	0.00910	-15.00	30.00	0.00962
-13.00	30.00	0.01018	-11.00	30.00	0.01082
-9.00	30.00	0.01156	9.00	30.00	0.01302
11.00	30.00	0.01237	13.00	30.00	0.01183
15.00	30.00	0.01137	17.00	30.00	0.01095
20.00	30.00	0.01038	25.00	30.00	0.00954
30.00	30.00	0.00881	40.00	30.00	0.00757
50.00	30.00	0.00656	60.00	30.00	0.00572
70.00	30.00	0.00501	80.00	30.00	0.00442
90.00	30.00	0.00393	100.00	30.00	0.00351
-100.00	40.00	0.00196	-90.00	40.00	0.00227
-80.00	40.00	0.00264	-70.00	40.00	0.00310
-60.00	40.00	0.00368	-50.00	40.00	0.00441
-40.00	40.00	0.00536	-30.00	40.00	0.00664
-25.00	40.00	0.00746	-20.00	40.00	0.00844

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00913	-15.00	40.00	0.00964
-13.00	40.00	0.01021	-11.00	40.00	0.01085
-9.00	40.00	0.01159	9.00	40.00	0.01306
11.00	40.00	0.01240	13.00	40.00	0.01185
15.00	40.00	0.01138	17.00	40.00	0.01097
20.00	40.00	0.01040	25.00	40.00	0.00956
30.00	40.00	0.00882	40.00	40.00	0.00758
50.00	40.00	0.00656	60.00	40.00	0.00572
70.00	40.00	0.00501	80.00	40.00	0.00442
90.00	40.00	0.00392	100.00	40.00	0.00350

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-100.00	50.00	0.00200	-90.00	50.00	0.00230	
-80.00	50.00	0.00268	-70.00	50.00	0.00313	
-60.00	50.00	0.00371	-50.00	50.00	0.00444	
-40.00	50.00	0.00539	-30.00	50.00	0.00667	
-25.00	50.00	0.00748	-20.00	50.00	0.00846	
-17.00	50.00	0.00915	-15.00	50.00	0.00966	
-13.00	50.00	0.01023	-11.00	50.00	0.01087	
-9.00	50.00	0.01161	9.00	50.00	0.01304	
11.00	50.00	0.01242	13.00	50.00	0.01188	
15.00	50.00	0.01141	17.00	50.00	0.01099	
20.00	50.00	0.01041	25.00	50.00	0.00956	
30.00	50.00	0.00882	40.00	50.00	0.00758	
50.00	50.00	0.00656	60.00	50.00	0.00571	
70.00	50.00	0.00501	80.00	50.00	0.00441	
90.00	50.00	0.00391	100.00	50.00	0.00349	
-100.00	60.00	0.00202	-90.00	60.00	0.00233	
-80.00	60.00	0.00270	-70.00	60.00	0.00316	
-60.00	60.00	0.00374	-50.00	60.00	0.00446	
-40.00	60.00	0.00541	-30.00	60.00	0.00669	
-25.00	60.00	0.00750	-20.00	60.00	0.00848	
-17.00	60.00	0.00917	-15.00	60.00	0.00969	
-13.00	60.00	0.01025	-11.00	60.00	0.01089	
-9.00	60.00	0.01162	9.00	60.00	0.01302	
11.00	60.00	0.01240	13.00	60.00	0.01188	
15.00	60.00	0.01141	17.00	60.00	0.01099	
20.00	60.00	0.01041	25.00	60.00	0.00957	
30.00	60.00	0.00883	40.00	60.00	0.00758	
50.00	60.00	0.00655	60.00	60.00	0.00570	
70.00	60.00	0.00499	80.00	60.00	0.00440	
90.00	60.00	0.00390	100.00	60.00	0.00347	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00205	-90.00	70.00	0.00236
-80.00	70.00	0.00273	-70.00	70.00	0.00319
-60.00	70.00	0.00376	-50.00	70.00	0.00448
-40.00	70.00	0.00543	-30.00	70.00	0.00670

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-25.00	70.00	0.00752	-20.00	70.00	0.00850	
-17.00	70.00	0.00918	-15.00	70.00	0.00970	
-13.00	70.00	0.01026	-11.00	70.00	0.01089	
-9.00	70.00	0.01163	9.00	70.00	0.01302	
11.00	70.00	0.01240	13.00	70.00	0.01187	
15.00	70.00	0.01141	17.00	70.00	0.01098	
20.00	70.00	0.01041	25.00	70.00	0.00956	
30.00	70.00	0.00882	40.00	70.00	0.00757	
50.00	70.00	0.00654	60.00	70.00	0.00568	
70.00	70.00	0.00497	80.00	70.00	0.00438	
90.00	70.00	0.00388	100.00	70.00	0.00345	
-100.00	80.00	0.00208	-90.00	80.00	0.00238	
-80.00	80.00	0.00275	-70.00	80.00	0.00321	
-60.00	80.00	0.00378	-50.00	80.00	0.00450	
-40.00	80.00	0.00545	-30.00	80.00	0.00672	
-25.00	80.00	0.00753	-20.00	80.00	0.00850	
-17.00	80.00	0.00919	-15.00	80.00	0.00970	
-13.00	80.00	0.01026	-11.00	80.00	0.01089	
-9.00	80.00	0.01162	9.00	80.00	0.01301	
11.00	80.00	0.01239	13.00	80.00	0.01186	
15.00	80.00	0.01140	17.00	80.00	0.01097	
20.00	80.00	0.01040	25.00	80.00	0.00955	
30.00	80.00	0.00881	40.00	80.00	0.00755	
50.00	80.00	0.00652	60.00	80.00	0.00566	
70.00	80.00	0.00495	80.00	80.00	0.00435	
90.00	80.00	0.00385	100.00	80.00	0.00342	
-100.00	90.00	0.00210	-90.00	90.00	0.00240	
-80.00	90.00	0.00277	-70.00	90.00	0.00323	
-60.00	90.00	0.00379	-50.00	90.00	0.00451	
-40.00	90.00	0.00546	-30.00	90.00	0.00672	
-25.00	90.00	0.00753	-20.00	90.00	0.00850	
-17.00	90.00	0.00918	-15.00	90.00	0.00969	
-13.00	90.00	0.01026	-11.00	90.00	0.01089	
-9.00	90.00	0.01162	9.00	90.00	0.01301	
11.00	90.00	0.01238	13.00	90.00	0.01185	
15.00	90.00	0.01138	17.00	90.00	0.01095	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08

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

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.01038	25.00	90.00	0.00953
30.00	90.00	0.00878	40.00	90.00	0.00752
50.00	90.00	0.00649	60.00	90.00	0.00563
70.00	90.00	0.00491	80.00	90.00	0.00431
90.00	90.00	0.00381	100.00	90.00	0.00338
-100.00	100.00	0.00212	-90.00	100.00	0.00242
-80.00	100.00	0.00279	-70.00	100.00	0.00324
-60.00	100.00	0.00380	-50.00	100.00	0.00452
-40.00	100.00	0.00546	-30.00	100.00	0.00672
-25.00	100.00	0.00753	-20.00	100.00	0.00849
-17.00	100.00	0.00918	-15.00	100.00	0.00968
-13.00	100.00	0.01025	-11.00	100.00	0.01088
-9.00	100.00	0.01161	9.00	100.00	0.01300
11.00	100.00	0.01236	13.00	100.00	0.01183
15.00	100.00	0.01136	17.00	100.00	0.01093
20.00	100.00	0.01035	25.00	100.00	0.00950
30.00	100.00	0.00875	40.00	100.00	0.00748
50.00	100.00	0.00644	60.00	100.00	0.00558
70.00	100.00	0.00487	80.00	100.00	0.00427
90.00	100.00	0.00376	100.00	100.00	0.00333
-100.00	110.00	0.00213	-90.00	110.00	0.00244
-80.00	110.00	0.00280	-70.00	110.00	0.00325
-60.00	110.00	0.00381	-50.00	110.00	0.00453
-40.00	110.00	0.00546	-30.00	110.00	0.00671
-25.00	110.00	0.00752	-20.00	110.00	0.00848
-17.00	110.00	0.00916	-15.00	110.00	0.00967
-13.00	110.00	0.01023	-11.00	110.00	0.01086
-9.00	110.00	0.01159	9.00	110.00	0.01298
11.00	110.00	0.01233	13.00	110.00	0.01180
15.00	110.00	0.01133	17.00	110.00	0.01090
20.00	110.00	0.01031	25.00	110.00	0.00945
30.00	110.00	0.00871	40.00	110.00	0.00743
50.00	110.00	0.00639	60.00	110.00	0.00553
70.00	110.00	0.00481	80.00	110.00	0.00421
90.00	110.00	0.00370	100.00	110.00	0.00327
-100.00	120.00	0.00215	-90.00	120.00	0.00245
-80.00	120.00	0.00282	-70.00	120.00	0.00326
-60.00	120.00	0.00382	-50.00	120.00	0.00453
-40.00	120.00	0.00546	-30.00	120.00	0.00670
-25.00	120.00	0.00750	-20.00	120.00	0.00846

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

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

18:38:57

**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	0.00914	-15.00	120.00	0.00965
-13.00	120.00	0.01020	-11.00	120.00	0.01083
-9.00	120.00	0.01156	9.00	120.00	0.01296
11.00	120.00	0.01230	13.00	120.00	0.01175
15.00	120.00	0.01128	17.00	120.00	0.01086
20.00	120.00	0.01027	25.00	120.00	0.00940
30.00	120.00	0.00864	40.00	120.00	0.00737
50.00	120.00	0.00633	60.00	120.00	0.00546
70.00	120.00	0.00474	80.00	120.00	0.00414
90.00	120.00	0.00363	100.00	120.00	0.00320
-100.00	130.00	0.00216	-90.00	130.00	0.00246
-80.00	130.00	0.00283	-70.00	130.00	0.00327
-60.00	130.00	0.00382	-50.00	130.00	0.00453
-40.00	130.00	0.00545	-30.00	130.00	0.00668
-25.00	130.00	0.00748	-20.00	130.00	0.00843
-17.00	130.00	0.00911	-15.00	130.00	0.00961
-13.00	130.00	0.01017	-11.00	130.00	0.01080
-9.00	130.00	0.01153	9.00	130.00	0.01293
11.00	130.00	0.01226	13.00	130.00	0.01169
15.00	130.00	0.01122	17.00	130.00	0.01079
20.00	130.00	0.01020	25.00	130.00	0.00933
30.00	130.00	0.00856	40.00	130.00	0.00729
50.00	130.00	0.00624	60.00	130.00	0.00537
70.00	130.00	0.00465	80.00	130.00	0.00405
90.00	130.00	0.00354	100.00	130.00	0.00312
-100.00	140.00	0.00217	-90.00	140.00	0.00247
-80.00	140.00	0.00283	-70.00	140.00	0.00327
-60.00	140.00	0.00382	-50.00	140.00	0.00452
-40.00	140.00	0.00543	-30.00	140.00	0.00666
-25.00	140.00	0.00745	-20.00	140.00	0.00840
-17.00	140.00	0.00907	-15.00	140.00	0.00957
-13.00	140.00	0.01012	-11.00	140.00	0.01075
-9.00	140.00	0.01148	9.00	140.00	0.01282
11.00	140.00	0.01219	13.00	140.00	0.01164
15.00	140.00	0.01115	17.00	140.00	0.01071
20.00	140.00	0.01012	25.00	140.00	0.00924

		08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound			
30.00	140.00	0.00847	40.00	140.00	0.00718
50.00	140.00	0.00613	60.00	140.00	0.00526
70.00	140.00	0.00454	80.00	140.00	0.00394
90.00	140.00	0.00345	100.00	140.00	0.00304

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:38:57
 **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	0.00218	-90.00	150.00	0.00248
-80.00	150.00	0.00284	-70.00	150.00	0.00328
-60.00	150.00	0.00382	-50.00	150.00	0.00451
-40.00	150.00	0.00541	-30.00	150.00	0.00663
-25.00	150.00	0.00741	-20.00	150.00	0.00835
-17.00	150.00	0.00902	-15.00	150.00	0.00952
-13.00	150.00	0.01007	-11.00	150.00	0.01070
-9.00	150.00	0.01142	9.00	150.00	0.01270
11.00	150.00	0.01207	13.00	150.00	0.01153
15.00	150.00	0.01105	17.00	150.00	0.01061
20.00	150.00	0.01000	25.00	150.00	0.00912
30.00	150.00	0.00835	40.00	150.00	0.00705
50.00	150.00	0.00600	60.00	150.00	0.00513
70.00	150.00	0.00441	80.00	150.00	0.00382
90.00	150.00	0.00334	100.00	150.00	0.00294
-100.00	160.00	0.00219	-90.00	160.00	0.00248
-80.00	160.00	0.00284	-70.00	160.00	0.00327
-60.00	160.00	0.00381	-50.00	160.00	0.00450
-40.00	160.00	0.00539	-30.00	160.00	0.00659
-25.00	160.00	0.00736	-20.00	160.00	0.00830
-17.00	160.00	0.00896	-15.00	160.00	0.00945
-13.00	160.00	0.01000	-11.00	160.00	0.01061
-9.00	160.00	0.01133	9.00	160.00	0.01258
11.00	160.00	0.01194	13.00	160.00	0.01139
15.00	160.00	0.01091	17.00	160.00	0.01046
20.00	160.00	0.00985	25.00	160.00	0.00896
30.00	160.00	0.00819	40.00	160.00	0.00689
50.00	160.00	0.00582	60.00	160.00	0.00496
70.00	160.00	0.00425	80.00	160.00	0.00368
90.00	160.00	0.00322	100.00	160.00	0.00285

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-100.00	170.00	0.00219	-90.00	170.00	0.00248	
-80.00	170.00	0.00284	-70.00	170.00	0.00327	
-60.00	170.00	0.00380	-50.00	170.00	0.00448	
-40.00	170.00	0.00536	-30.00	170.00	0.00655	
-25.00	170.00	0.00731	-20.00	170.00	0.00823	
-17.00	170.00	0.00888	-15.00	170.00	0.00937	
-13.00	170.00	0.00991	-11.00	170.00	0.01052	
-9.00	170.00	0.01123	9.00	170.00	0.01242	
11.00	170.00	0.01177	13.00	170.00	0.01122	
15.00	170.00	0.01072	17.00	170.00	0.01027	

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:38:57

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00966	25.00	170.00	0.00876
30.00	170.00	0.00798	40.00	170.00	0.00667
50.00	170.00	0.00561	60.00	170.00	0.00475
70.00	170.00	0.00408	80.00	170.00	0.00354
90.00	170.00	0.00311	100.00	170.00	0.00275
-100.00	180.00	0.00219	-90.00	180.00	0.00248
-80.00	180.00	0.00283	-70.00	180.00	0.00326
-60.00	180.00	0.00379	-50.00	180.00	0.00446
-40.00	180.00	0.00533	-30.00	180.00	0.00650
-25.00	180.00	0.00725	-20.00	180.00	0.00815
-17.00	180.00	0.00879	-15.00	180.00	0.00927
-13.00	180.00	0.00980	-11.00	180.00	0.01040
-9.00	180.00	0.01110	9.00	180.00	0.01222
11.00	180.00	0.01156	13.00	180.00	0.01099
15.00	180.00	0.01048	17.00	180.00	0.01002
20.00	180.00	0.00940	25.00	180.00	0.00849
30.00	180.00	0.00770	40.00	180.00	0.00638
50.00	180.00	0.00534	60.00	180.00	0.00453
70.00	180.00	0.00390	80.00	180.00	0.00340
90.00	180.00	0.00299	100.00	180.00	0.00265
-100.00	190.00	0.00218	-90.00	190.00	0.00247
-80.00	190.00	0.00282	-70.00	190.00	0.00324
-60.00	190.00	0.00377	-50.00	190.00	0.00443
-40.00	190.00	0.00529	-30.00	190.00	0.00645

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound						
-25.00	190.00	0.00718	-20.00	190.00	0.00806	
-17.00	190.00	0.00869	-15.00	190.00	0.00916	
-13.00	190.00	0.00968	-11.00	190.00	0.01027	
-9.00	190.00	0.01096	9.00	190.00	0.01195	
11.00	190.00	0.01126	13.00	190.00	0.01068	
15.00	190.00	0.01016	17.00	190.00	0.00969	
20.00	190.00	0.00905	25.00	190.00	0.00812	
30.00	190.00	0.00732	40.00	190.00	0.00602	
50.00	190.00	0.00505	60.00	190.00	0.00430	
70.00	190.00	0.00372	80.00	190.00	0.00324	
90.00	190.00	0.00286	100.00	190.00	0.00254	
-100.00	200.00	0.00218	-90.00	200.00	0.00246	
-80.00	200.00	0.00280	-70.00	200.00	0.00322	
-60.00	200.00	0.00374	-50.00	200.00	0.00440	
-40.00	200.00	0.00525	-30.00	200.00	0.00639	
-25.00	200.00	0.00711	-20.00	200.00	0.00797	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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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	0.00858	-15.00	200.00	0.00904	
-13.00	200.00	0.00954	-11.00	200.00	0.01011	
-9.00	200.00	0.01079	9.00	200.00	0.01156	
11.00	200.00	0.01083	13.00	200.00	0.01023	
15.00	200.00	0.00970	17.00	200.00	0.00921	
20.00	200.00	0.00855	25.00	200.00	0.00760	
30.00	200.00	0.00683	40.00	200.00	0.00563	
50.00	200.00	0.00475	60.00	200.00	0.00407	
70.00	200.00	0.00352	80.00	200.00	0.00308	
90.00	200.00	0.00273	100.00	200.00	0.00243	
-100.00	210.00	0.00217	-90.00	210.00	0.00245	
-80.00	210.00	0.00279	-70.00	210.00	0.00320	
-60.00	210.00	0.00371	-50.00	210.00	0.00436	
-40.00	210.00	0.00519	-30.00	210.00	0.00632	
-25.00	210.00	0.00703	-20.00	210.00	0.00788	
-17.00	210.00	0.00847	-15.00	210.00	0.00892	
-13.00	210.00	0.00940	-11.00	210.00	0.00995	
-9.00	210.00	0.01060	9.00	210.00	0.01095	

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11.00	210.00	0.01018	13.00	210.00	0.00954
15.00	210.00	0.00899	17.00	210.00	0.00851
20.00	210.00	0.00787	25.00	210.00	0.00700
30.00	210.00	0.00631	40.00	210.00	0.00524
50.00	210.00	0.00444	60.00	210.00	0.00382
70.00	210.00	0.00333	80.00	210.00	0.00293
90.00	210.00	0.00260	100.00	210.00	0.00233
-100.00	220.00	0.00216	-90.00	220.00	0.00244
-80.00	220.00	0.00277	-70.00	220.00	0.00318
-60.00	220.00	0.00368	-50.00	220.00	0.00431
-40.00	220.00	0.00513	-30.00	220.00	0.00623
-25.00	220.00	0.00693	-20.00	220.00	0.00777
-17.00	220.00	0.00835	-15.00	220.00	0.00878
-13.00	220.00	0.00926	-11.00	220.00	0.00979
-9.00	220.00	0.01041	9.00	220.00	0.00989
11.00	220.00	0.00917	13.00	220.00	0.00858
15.00	220.00	0.00811	17.00	220.00	0.00770
20.00	220.00	0.00716	25.00	220.00	0.00642
30.00	220.00	0.00581	40.00	220.00	0.00487
50.00	220.00	0.00416	60.00	220.00	0.00360
70.00	220.00	0.00315	80.00	220.00	0.00278
90.00	220.00	0.00248	100.00	220.00	0.00223

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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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	0.00215	-90.00	230.00	0.00242
-80.00	230.00	0.00275	-70.00	230.00	0.00314
-60.00	230.00	0.00363	-50.00	230.00	0.00425
-40.00	230.00	0.00505	-30.00	230.00	0.00612
-25.00	230.00	0.00681	-20.00	230.00	0.00762
-17.00	230.00	0.00818	-15.00	230.00	0.00859
-13.00	230.00	0.00904	-11.00	230.00	0.00953
-9.00	230.00	0.01006	9.00	230.00	0.00857
11.00	230.00	0.00810	13.00	230.00	0.00768
15.00	230.00	0.00730	17.00	230.00	0.00696
20.00	230.00	0.00651	25.00	230.00	0.00587
30.00	230.00	0.00534	40.00	230.00	0.00451

08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00388	60.00	230.00	0.00338
70.00	230.00	0.00297	80.00	230.00	0.00264
90.00	230.00	0.00236	100.00	230.00	0.00213
-100.00	240.00	0.00213	-90.00	240.00	0.00240
-80.00	240.00	0.00271	-70.00	240.00	0.00310
-60.00	240.00	0.00357	-50.00	240.00	0.00417
-40.00	240.00	0.00494	-30.00	240.00	0.00596
-25.00	240.00	0.00660	-20.00	240.00	0.00731
-17.00	240.00	0.00777	-15.00	240.00	0.00806
-13.00	240.00	0.00834	-11.00	240.00	0.00859
-9.00	240.00	0.00879	9.00	240.00	0.00711
11.00	240.00	0.00682	13.00	240.00	0.00655
15.00	240.00	0.00631	17.00	240.00	0.00607
20.00	240.00	0.00575	25.00	240.00	0.00527
30.00	240.00	0.00484	40.00	240.00	0.00414
50.00	240.00	0.00359	60.00	240.00	0.00315
70.00	240.00	0.00279	80.00	240.00	0.00249
90.00	240.00	0.00224	100.00	240.00	0.00203
-100.00	250.00	0.00211	-90.00	250.00	0.00237
-80.00	250.00	0.00267	-70.00	250.00	0.00304
-60.00	250.00	0.00350	-50.00	250.00	0.00406
-40.00	250.00	0.00478	-30.00	250.00	0.00568
-25.00	250.00	0.00618	-20.00	250.00	0.00664
-17.00	250.00	0.00689	-15.00	250.00	0.00703
-13.00	250.00	0.00715	-11.00	250.00	0.00724
-9.00	250.00	0.00730	9.00	250.00	0.00598
11.00	250.00	0.00577	13.00	250.00	0.00557
15.00	250.00	0.00539	17.00	250.00	0.00522

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00498	25.00	250.00	0.00463
30.00	250.00	0.00431	40.00	250.00	0.00377
50.00	250.00	0.00331	60.00	250.00	0.00293
70.00	250.00	0.00261	80.00	250.00	0.00234
90.00	250.00	0.00212	100.00	250.00	0.00193

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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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 0.00834 AT (9.00, 200.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00828 AT (9.00, 190.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00811 AT (9.00, 210.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00799 AT (9.00, 180.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00767 AT (11.00, 200.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00766 AT (11.00, 190.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00757 AT (-9.00, 220.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00754 AT (-9.00, 230.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00749 AT (9.00, 170.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00743 AT (11.00, 180.00, 0.00, 1.20)	DC	NA	
NCRA_S2	1ST HIGHEST VALUE IS 0.00834 AT (9.00, 110.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00828 AT (9.00, 100.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00811 AT (9.00, 120.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00799 AT (9.00, 90.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00767 AT (11.00, 110.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00766 AT (11.00, 100.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00757 AT (-9.00, 130.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00754 AT (-9.00, 140.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00749 AT (9.00, 80.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00743 AT (11.00, 90.00, 0.00, 1.20)	DC	NA	
NCRA_S3	1ST HIGHEST VALUE IS 0.00834 AT (9.00, 20.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00828 AT (9.00, 10.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00811 AT (9.00, 30.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00799 AT (9.00, 0.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00767 AT (11.00, 20.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00766 AT (11.00, 10.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00757 AT (-9.00, 40.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00754 AT (-9.00, 50.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00749 AT (9.00, -10.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00743 AT (11.00, 0.00, 0.00, 1.20)	DC	NA	

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

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

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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 0.00834 AT (9.00, -70.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00828 AT (9.00, -80.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00811 AT (9.00, -60.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00799 AT (9.00, -90.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00767 AT (11.00, -70.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00766 AT (11.00, -80.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00757 AT (-9.00, -50.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00754 AT (-9.00, -40.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00749 AT (9.00, -100.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00743 AT (11.00, -90.00, 0.00, 1.20)	DC	NA	
NCRA_S5	1ST HIGHEST VALUE IS 0.00834 AT (9.00, -160.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00828 AT (9.00, -170.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00811 AT (9.00, -150.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00799 AT (9.00, -180.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00767 AT (11.00, -160.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00766 AT (11.00, -170.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00757 AT (-9.00, -140.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00754 AT (-9.00, -130.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00749 AT (9.00, -190.00, 0.00, 1.20)	DC	NA	

		08NCRA_SR03-300_DPM_TRAV_ANN_N-S Bound							
	10TH HIGHEST VALUE IS	0.00743	AT (	11.00,	-180.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01306	AT (	9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01304	AT (	9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01302	AT (	9.00,	30.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01302	AT (	9.00,	70.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01302	AT (	9.00,	60.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01301	AT (	9.00,	80.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01301	AT (	9.00,	90.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01300	AT (	9.00,	100.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01298	AT (	9.00,	110.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01298	AT (	9.00,	20.00,	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 ***
 04/18/08
 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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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 13 Informational Message(s)
 A Total of 13 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
