

ISCST3x VERSION 4.4.3  
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Run Began on 4/18/2008 at 18:56:35

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA\_SR05-300\_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
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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
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RE DISCCART	-90.0	-240.0	1.2
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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	60.0	-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
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RE DISCCART	-15.0	-230.0	1.2
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RE DISCCART	9.0	-230.0	1.2
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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	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	-30.0	-220.0	1.2
RE DISCCART	-25.0	-220.0	1.2
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RE DISCCART	-17.0	-220.0	1.2
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RE DISCCART	-13.0	-220.0	1.2
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RE DISCCART	13.0	-220.0	1.2
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RE DISCCART	80.0	-220.0	1.2
RE DISCCART	90.0	-220.0	1.2
RE DISCCART	100.0	-220.0	1.2
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RE DISCCART	-80.0	-210.0	1.2
RE DISCCART	-70.0	-210.0	1.2
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RE DISCCART	-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
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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
RE DISCCART	13.0	-210.0	1.2
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RE DISCCART	60.0	-200.0	1.2

RE DISCCART	70.0	-200.0	1.2
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RE DISCCART	-25.0	-190.0	1.2
RE DISCCART	-20.0	-190.0	1.2
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RE DISCCART	-70.0	-180.0	1.2
RE DISCCART	-60.0	-180.0	1.2
RE DISCCART	-50.0	-180.0	1.2
RE DISCCART	-40.0	-180.0	1.2
RE DISCCART	-30.0	-180.0	1.2
RE DISCCART	-25.0	-180.0	1.2
RE DISCCART	-20.0	-180.0	1.2

RE DISCCART	-17.0	-180.0	1.2
RE DISCCART	-15.0	-180.0	1.2
RE DISCCART	-13.0	-180.0	1.2
RE DISCCART	-11.0	-180.0	1.2
RE DISCCART	-9.0	-180.0	1.2
RE DISCCART	9.0	-180.0	1.2
RE DISCCART	11.0	-180.0	1.2
RE DISCCART	13.0	-180.0	1.2
RE DISCCART	15.0	-180.0	1.2
RE DISCCART	17.0	-180.0	1.2
RE DISCCART	20.0	-180.0	1.2
RE DISCCART	25.0	-180.0	1.2
RE DISCCART	30.0	-180.0	1.2
RE DISCCART	40.0	-180.0	1.2
RE DISCCART	50.0	-180.0	1.2
RE DISCCART	60.0	-180.0	1.2
RE DISCCART	70.0	-180.0	1.2
RE DISCCART	80.0	-180.0	1.2
RE DISCCART	90.0	-180.0	1.2
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RE DISCCART	-20.0	-170.0	1.2
RE DISCCART	-17.0	-170.0	1.2
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RE DISCCART	-13.0	-170.0	1.2
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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
RE DISCCART	80.0	-160.0	1.2
RE DISCCART	90.0	-160.0	1.2
RE DISCCART	100.0	-160.0	1.2
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RE DISCCART	100.0	-150.0	1.2
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RE DISCCART	-20.0	-140.0	1.2
RE DISCCART	-17.0	-140.0	1.2
RE DISCCART	-15.0	-140.0	1.2
RE DISCCART	-13.0	-140.0	1.2
RE DISCCART	-11.0	-140.0	1.2
RE DISCCART	-9.0	-140.0	1.2
RE DISCCART	9.0	-140.0	1.2
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RE DISCCART	13.0	-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
RE DISCCART	80.0	-140.0	1.2
RE DISCCART	90.0	-140.0	1.2
RE DISCCART	100.0	-140.0	1.2
RE DISCCART	-100.0	-130.0	1.2
RE DISCCART	-90.0	-130.0	1.2
RE DISCCART	-80.0	-130.0	1.2
RE DISCCART	-70.0	-130.0	1.2
RE DISCCART	-60.0	-130.0	1.2
RE DISCCART	-50.0	-130.0	1.2
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RE DISCCART	-20.0	-130.0	1.2
RE DISCCART	-17.0	-130.0	1.2
RE DISCCART	-15.0	-130.0	1.2
RE DISCCART	-13.0	-130.0	1.2
RE DISCCART	-11.0	-130.0	1.2
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RE DISCCART	30.0	-130.0	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
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RE DISCCART	-15.0	170.0	1.2
RE DISCCART	-13.0	170.0	1.2
RE DISCCART	-11.0	170.0	1.2
RE DISCCART	-9.0	170.0	1.2
RE DISCCART	9.0	170.0	1.2

RE DISCCART	11.0	170.0	1.2
RE DISCCART	13.0	170.0	1.2
RE DISCCART	15.0	170.0	1.2
RE DISCCART	17.0	170.0	1.2
RE DISCCART	20.0	170.0	1.2
RE DISCCART	25.0	170.0	1.2
RE DISCCART	30.0	170.0	1.2
RE DISCCART	40.0	170.0	1.2
RE DISCCART	50.0	170.0	1.2
RE DISCCART	60.0	170.0	1.2
RE DISCCART	70.0	170.0	1.2
RE DISCCART	80.0	170.0	1.2
RE DISCCART	90.0	170.0	1.2
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RE DISCCART	-20.0	180.0	1.2
RE DISCCART	-17.0	180.0	1.2
RE DISCCART	-15.0	180.0	1.2
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
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RE DISCCART	9.0	190.0	1.2
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RE DISCCART	-20.0	200.0	1.2
RE DISCCART	-17.0	200.0	1.2
RE DISCCART	-15.0	200.0	1.2
RE DISCCART	-13.0	200.0	1.2
RE DISCCART	-11.0	200.0	1.2



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

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

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

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Santa Rosa\ros05300.asc"

ME ANEMHGT 10 METERS

ME SURFDATA 9902 2005

ME UAIRDATA 9902 2005

ME STARTEND 2005 01 01 1 2005 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\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound.lst"  
 \*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA\_SR05-300\_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 \*\*\*  
 18:56:35  
 \*\*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\10NCRA-1.DAT

\*\*Output Print File:

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08  
 18:56:35      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 \*\*MODELOPTs:  
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 CONC                    URBAN FLAT    FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

EMISSION RATE SOURCE SCALAR VARY 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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 \*\*MODELOPTs:  
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\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

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

ALL                    NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08  
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 \*\*MODELOPTs:  
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\*\*\* 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);

10NCRA\_SR05-300\_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

\*\*\*

18:56:35

\*\*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);



10NCRA\_SR05-300\_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);

10NCRA\_SR05-300\_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 \*\*\*  
04/18/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:56:35

\*\*MODELOPTs:

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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);

10NCRA\_SR05-300\_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 \*\*\* ICSST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

04/18/08

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

18:56:35

\*\*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);

10NCRA\_SR05-300\_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      \*\*\*

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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, -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);

10NCRA\_SR05-300\_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 \*\*\*

18:56:35

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

10NCRA\_SR05-300\_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);

10NCRA\_SR05-300\_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 \*\*\*

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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, -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);

10NCRA\_SR05-300\_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 \*\*\* ICSCT3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08

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

18:56:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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



10NCRA\_SR05-300\_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 \*\*\*      \*\*\* 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, 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);

10NCRA\_SR05-300\_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 \*\*\* \*\*\* 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,	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);

10NCRA\_SR05-300\_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      \*\*\*

18:56:35  
 \*\*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);

10NCRA\_SR05-300\_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 \*\*\* ISCT3 - VERSION 02035 \*\*\*  
04/18/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:56:35

\*\*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);

10NCRA\_SR05-300\_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 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/18/08

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

18:56:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_SR05-300\_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      \*\*\*

18:56:35

\*\*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);

10NCRA\_SR05-300\_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 \*\*\* ICSCT3 - 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, 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);



10NCRA\_SR05-300\_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      \*\*\*

18:56:35  
 \*\*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);

10NCRA\_SR05-300\_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)



10NCRA SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT URBAN (M)	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
05	01	01	01	259.0	1.00	278.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	02	304.4	1.00	277.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	03	118.0	1.00	276.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	04	118.9	1.16	275.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	05	178.7	1.34	276.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	06	277.5	1.39	276.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	07	137.2	1.07	276.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	08	242.1	1.03	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	09	123.5	1.21	276.7	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	10	178.1	1.16	278.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	11	292.0	2.28	281.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	12	358.2	3.22	283.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	13	7.7	2.77	282.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	14	7.0	3.89	284.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	15	67.5	4.02	283.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	16	25.5	2.46	283.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	17	349.9	1.70	283.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	18	341.4	2.55	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	19	326.7	2.32	280.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	20	334.6	1.61	279.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	21	178.1	1.61	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	22	269.8	2.24	280.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	23	222.7	1.12	279.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
05	01	01	24	143.7	1.61	279.5	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 \*\*\*

18:56:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-60.00	-240.00	0.00004	-50.00	-240.00	0.00004	
-40.00	-240.00	0.00004	-30.00	-240.00	0.00005	
-25.00	-240.00	0.00005	-20.00	-240.00	0.00005	
-17.00	-240.00	0.00005	-15.00	-240.00	0.00005	
-13.00	-240.00	0.00005	-11.00	-240.00	0.00005	
-9.00	-240.00	0.00005	9.00	-240.00	0.00006	
11.00	-240.00	0.00006	13.00	-240.00	0.00006	
15.00	-240.00	0.00006	17.00	-240.00	0.00006	
20.00	-240.00	0.00006	25.00	-240.00	0.00006	
30.00	-240.00	0.00006	40.00	-240.00	0.00006	
50.00	-240.00	0.00007	60.00	-240.00	0.00007	
70.00	-240.00	0.00007	80.00	-240.00	0.00007	
90.00	-240.00	0.00007	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	0.00004	-50.00	-230.00	0.00004	
-40.00	-230.00	0.00005	-30.00	-230.00	0.00005	
-25.00	-230.00	0.00005	-20.00	-230.00	0.00005	
-17.00	-230.00	0.00005	-15.00	-230.00	0.00005	
-13.00	-230.00	0.00005	-11.00	-230.00	0.00005	
-9.00	-230.00	0.00006	9.00	-230.00	0.00006	
11.00	-230.00	0.00006	13.00	-230.00	0.00006	
15.00	-230.00	0.00006	17.00	-230.00	0.00006	

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

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 \*\*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	0.00007	40.00	-230.00	0.00007
50.00	-230.00	0.00007	60.00	-230.00	0.00007
70.00	-230.00	0.00007	80.00	-230.00	0.00007
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	0.00004
-60.00	-220.00	0.00004	-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	0.00005
-17.00	-220.00	0.00006	-15.00	-220.00	0.00006

10NCRA_SR05-300_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	0.00007	17.00	-220.00	0.00007	
20.00	-220.00	0.00007	25.00	-220.00	0.00007	
30.00	-220.00	0.00007	40.00	-220.00	0.00007	
50.00	-220.00	0.00007	60.00	-220.00	0.00007	
70.00	-220.00	0.00007	80.00	-220.00	0.00008	
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	0.00004	-70.00	-210.00	0.00004	
-60.00	-210.00	0.00005	-50.00	-210.00	0.00005	
-40.00	-210.00	0.00005	-30.00	-210.00	0.00005	
-25.00	-210.00	0.00005	-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	0.00007	
11.00	-210.00	0.00007	13.00	-210.00	0.00007	
15.00	-210.00	0.00007	17.00	-210.00	0.00007	
20.00	-210.00	0.00007	25.00	-210.00	0.00007	
30.00	-210.00	0.00007	40.00	-210.00	0.00007	
50.00	-210.00	0.00007	60.00	-210.00	0.00008	
70.00	-210.00	0.00008	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	0.00004	
-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	0.00005	-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      \*\*\*

18:56:35

\*\*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	0.00007
11.00	-200.00	0.00007	13.00	-200.00	0.00007
15.00	-200.00	0.00007	17.00	-200.00	0.00007

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
20.00	-200.00	0.00007	25.00	-200.00	0.00007
30.00	-200.00	0.00008	40.00	-200.00	0.00008
50.00	-200.00	0.00008	60.00	-200.00	0.00008
70.00	-200.00	0.00008	80.00	-200.00	0.00008
90.00	-200.00	0.00009	100.00	-200.00	0.00009
-100.00	-190.00	0.00005	-90.00	-190.00	0.00005
-80.00	-190.00	0.00005	-70.00	-190.00	0.00005
-60.00	-190.00	0.00005	-50.00	-190.00	0.00005
-40.00	-190.00	0.00005	-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	0.00007
-9.00	-190.00	0.00007	9.00	-190.00	0.00007
11.00	-190.00	0.00007	13.00	-190.00	0.00007
15.00	-190.00	0.00008	17.00	-190.00	0.00008
20.00	-190.00	0.00008	25.00	-190.00	0.00008
30.00	-190.00	0.00008	40.00	-190.00	0.00008
50.00	-190.00	0.00008	60.00	-190.00	0.00008
70.00	-190.00	0.00009	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	0.00005	-50.00	-180.00	0.00005
-40.00	-180.00	0.00006	-30.00	-180.00	0.00006
-25.00	-180.00	0.00006	-20.00	-180.00	0.00006
-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	0.00008
11.00	-180.00	0.00008	13.00	-180.00	0.00008
15.00	-180.00	0.00008	17.00	-180.00	0.00008
20.00	-180.00	0.00008	25.00	-180.00	0.00008
30.00	-180.00	0.00008	40.00	-180.00	0.00009
50.00	-180.00	0.00009	60.00	-180.00	0.00009
70.00	-180.00	0.00009	80.00	-180.00	0.00009
90.00	-180.00	0.00010	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 \*\*\*

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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

10NCRA\_SR05-300\_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	0.00005
-60.00	-170.00	0.00005	-50.00	-170.00	0.00006
-40.00	-170.00	0.00006	-30.00	-170.00	0.00006
-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	0.00009	25.00	-170.00	0.00009
30.00	-170.00	0.00009	40.00	-170.00	0.00009
50.00	-170.00	0.00009	60.00	-170.00	0.00009
70.00	-170.00	0.00010	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	0.00005	-70.00	-160.00	0.00006
-60.00	-160.00	0.00006	-50.00	-160.00	0.00006
-40.00	-160.00	0.00006	-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	0.00009
11.00	-160.00	0.00009	13.00	-160.00	0.00009
15.00	-160.00	0.00009	17.00	-160.00	0.00009
20.00	-160.00	0.00009	25.00	-160.00	0.00009
30.00	-160.00	0.00009	40.00	-160.00	0.00010
50.00	-160.00	0.00010	60.00	-160.00	0.00010
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	0.00006	-90.00	-150.00	0.00006
-80.00	-150.00	0.00006	-70.00	-150.00	0.00006
-60.00	-150.00	0.00006	-50.00	-150.00	0.00006
-40.00	-150.00	0.00007	-30.00	-150.00	0.00007
-25.00	-150.00	0.00007	-20.00	-150.00	0.00008
-17.00	-150.00	0.00008	-15.00	-150.00	0.00008
-13.00	-150.00	0.00008	-11.00	-150.00	0.00008
-9.00	-150.00	0.00008	9.00	-150.00	0.00009
11.00	-150.00	0.00009	13.00	-150.00	0.00009
15.00	-150.00	0.00009	17.00	-150.00	0.00009

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:  
PAGE 27



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

-60.00	-120.00	10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound 0.00007	-50.00	-120.00	0.00007
-40.00	-120.00	0.00008	-30.00	-120.00	0.00008
-25.00	-120.00	0.00008	-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 \*\*\*

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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
-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	0.00011
11.00	-120.00	0.00011	13.00	-120.00	0.00011
15.00	-120.00	0.00011	17.00	-120.00	0.00011
20.00	-120.00	0.00011	25.00	-120.00	0.00012
30.00	-120.00	0.00012	40.00	-120.00	0.00012
50.00	-120.00	0.00012	60.00	-120.00	0.00013
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	0.00007	-90.00	-110.00	0.00007
-80.00	-110.00	0.00007	-70.00	-110.00	0.00007
-60.00	-110.00	0.00007	-50.00	-110.00	0.00008
-40.00	-110.00	0.00008	-30.00	-110.00	0.00009
-25.00	-110.00	0.00009	-20.00	-110.00	0.00009
-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	0.00012
11.00	-110.00	0.00012	13.00	-110.00	0.00012
15.00	-110.00	0.00012	17.00	-110.00	0.00012
20.00	-110.00	0.00012	25.00	-110.00	0.00012
30.00	-110.00	0.00013	40.00	-110.00	0.00013
50.00	-110.00	0.00013	60.00	-110.00	0.00014
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	0.00007	-90.00	-100.00	0.00007
-80.00	-100.00	0.00008	-70.00	-100.00	0.00008
-60.00	-100.00	0.00008	-50.00	-100.00	0.00008
-40.00	-100.00	0.00009	-30.00	-100.00	0.00009
-25.00	-100.00	0.00009	-20.00	-100.00	0.00010
-17.00	-100.00	0.00010	-15.00	-100.00	0.00010

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-13.00	-100.00	0.00011	-11.00	-100.00	0.00011	
-9.00	-100.00	0.00011	9.00	-100.00	0.00012	
11.00	-100.00	0.00013	13.00	-100.00	0.00013	
15.00	-100.00	0.00013	17.00	-100.00	0.00013	
20.00	-100.00	0.00013	25.00	-100.00	0.00013	
30.00	-100.00	0.00014	40.00	-100.00	0.00014	
50.00	-100.00	0.00014	60.00	-100.00	0.00015	
70.00	-100.00	0.00015	80.00	-100.00	0.00016	
90.00	-100.00	0.00016	100.00	-100.00	0.00016	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
20.00	-80.00	0.00015	25.00	-80.00	0.00015
30.00	-80.00	0.00016	40.00	-80.00	0.00016
50.00	-80.00	0.00017	60.00	-80.00	0.00017
70.00	-80.00	0.00018	80.00	-80.00	0.00018
90.00	-80.00	0.00018	100.00	-80.00	0.00018
-100.00	-70.00	0.00008	-90.00	-70.00	0.00009
-80.00	-70.00	0.00009	-70.00	-70.00	0.00009
-60.00	-70.00	0.00010	-50.00	-70.00	0.00010
-40.00	-70.00	0.00010	-30.00	-70.00	0.00011
-25.00	-70.00	0.00011	-20.00	-70.00	0.00012
-17.00	-70.00	0.00012	-15.00	-70.00	0.00013
-13.00	-70.00	0.00013	-11.00	-70.00	0.00013
-9.00	-70.00	0.00013	9.00	-70.00	0.00015
11.00	-70.00	0.00016	13.00	-70.00	0.00016
15.00	-70.00	0.00016	17.00	-70.00	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\_S1  
 INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00015	-15.00	-40.00	0.00016
-13.00	-40.00	0.00016	-11.00	-40.00	0.00016
-9.00	-40.00	0.00017	9.00	-40.00	0.00020
11.00	-40.00	0.00020	13.00	-40.00	0.00020
15.00	-40.00	0.00020	17.00	-40.00	0.00021
20.00	-40.00	0.00021	25.00	-40.00	0.00021
30.00	-40.00	0.00022	40.00	-40.00	0.00023
50.00	-40.00	0.00023	60.00	-40.00	0.00024
70.00	-40.00	0.00025	80.00	-40.00	0.00025
90.00	-40.00	0.00025	100.00	-40.00	0.00025
-100.00	-30.00	0.00011	-90.00	-30.00	0.00011
-80.00	-30.00	0.00012	-70.00	-30.00	0.00012
-60.00	-30.00	0.00013	-50.00	-30.00	0.00013

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-10.00	0.00021	9.00	-10.00	0.00026
11.00	-10.00	0.00026	13.00	-10.00	0.00027
15.00	-10.00	0.00027	17.00	-10.00	0.00027
20.00	-10.00	0.00028	25.00	-10.00	0.00028
30.00	-10.00	0.00029	40.00	-10.00	0.00030
50.00	-10.00	0.00032	60.00	-10.00	0.00032
70.00	-10.00	0.00033	80.00	-10.00	0.00033
90.00	-10.00	0.00034	100.00	-10.00	0.00034
-100.00	0.00	0.00012	-90.00	0.00	0.00013
-80.00	0.00	0.00014	-70.00	0.00	0.00016
-60.00	0.00	0.00016	-50.00	0.00	0.00017
-40.00	0.00	0.00018	-30.00	0.00	0.00019
-25.00	0.00	0.00019	-20.00	0.00	0.00020
-17.00	0.00	0.00021	-15.00	0.00	0.00022
-13.00	0.00	0.00022	-11.00	0.00	0.00023
-9.00	0.00	0.00023	9.00	0.00	0.00029
11.00	0.00	0.00029	13.00	0.00	0.00030
15.00	0.00	0.00030	17.00	0.00	0.00030
20.00	0.00	0.00031	25.00	0.00	0.00032
30.00	0.00	0.00032	40.00	0.00	0.00034
50.00	0.00	0.00035	60.00	0.00	0.00036
70.00	0.00	0.00037	80.00	0.00	0.00037
90.00	0.00	0.00037	100.00	0.00	0.00037
-100.00	10.00	0.00013	-90.00	10.00	0.00014
-80.00	10.00	0.00015	-70.00	10.00	0.00017
-60.00	10.00	0.00018	-50.00	10.00	0.00019
-40.00	10.00	0.00019	-30.00	10.00	0.00020
-25.00	10.00	0.00021	-20.00	10.00	0.00022
-17.00	10.00	0.00023	-15.00	10.00	0.00024
-13.00	10.00	0.00024	-11.00	10.00	0.00025
-9.00	10.00	0.00026	9.00	10.00	0.00032
11.00	10.00	0.00033	13.00	10.00	0.00033
15.00	10.00	0.00033	17.00	10.00	0.00034

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/18/08 \*\*\* 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\_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	0.00034	25.00	10.00	0.00035

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	10.00	0.00036	40.00	10.00	0.00038
50.00	10.00	0.00040	60.00	10.00	0.00041
70.00	10.00	0.00041	80.00	10.00	0.00041
90.00	10.00	0.00042	100.00	10.00	0.00041
-100.00	20.00	0.00013	-90.00	20.00	0.00015
-80.00	20.00	0.00016	-70.00	20.00	0.00018
-60.00	20.00	0.00019	-50.00	20.00	0.00021
-40.00	20.00	0.00022	-30.00	20.00	0.00023
-25.00	20.00	0.00023	-20.00	20.00	0.00025
-17.00	20.00	0.00026	-15.00	20.00	0.00026
-13.00	20.00	0.00027	-11.00	20.00	0.00028
-9.00	20.00	0.00029	9.00	20.00	0.00036
11.00	20.00	0.00037	13.00	20.00	0.00037
15.00	20.00	0.00038	17.00	20.00	0.00038
20.00	20.00	0.00039	25.00	20.00	0.00040
30.00	20.00	0.00041	40.00	20.00	0.00043
50.00	20.00	0.00045	60.00	20.00	0.00046
70.00	20.00	0.00046	80.00	20.00	0.00047
90.00	20.00	0.00047	100.00	20.00	0.00046
-100.00	30.00	0.00014	-90.00	30.00	0.00016
-80.00	30.00	0.00017	-70.00	30.00	0.00019
-60.00	30.00	0.00021	-50.00	30.00	0.00023
-40.00	30.00	0.00024	-30.00	30.00	0.00025
-25.00	30.00	0.00026	-20.00	30.00	0.00027
-17.00	30.00	0.00028	-15.00	30.00	0.00029
-13.00	30.00	0.00030	-11.00	30.00	0.00031
-9.00	30.00	0.00032	9.00	30.00	0.00041
11.00	30.00	0.00041	13.00	30.00	0.00042
15.00	30.00	0.00043	17.00	30.00	0.00043
20.00	30.00	0.00044	25.00	30.00	0.00045
30.00	30.00	0.00047	40.00	30.00	0.00049
50.00	30.00	0.00051	60.00	30.00	0.00052
70.00	30.00	0.00052	80.00	30.00	0.00053
90.00	30.00	0.00052	100.00	30.00	0.00051
-100.00	40.00	0.00015	-90.00	40.00	0.00017
-80.00	40.00	0.00019	-70.00	40.00	0.00021
-60.00	40.00	0.00023	-50.00	40.00	0.00025
-40.00	40.00	0.00027	-30.00	40.00	0.00028
-25.00	40.00	0.00029	-20.00	40.00	0.00030

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



\*\*\*

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	0.00032	-15.00	40.00	0.00033
-13.00	40.00	0.00034	-11.00	40.00	0.00035
-9.00	40.00	0.00036	9.00	40.00	0.00047
11.00	40.00	0.00047	13.00	40.00	0.00048
15.00	40.00	0.00049	17.00	40.00	0.00050
20.00	40.00	0.00051	25.00	40.00	0.00052
30.00	40.00	0.00054	40.00	40.00	0.00057
50.00	40.00	0.00058	60.00	40.00	0.00059
70.00	40.00	0.00060	80.00	40.00	0.00060
90.00	40.00	0.00059	100.00	40.00	0.00057
-100.00	50.00	0.00016	-90.00	50.00	0.00018
-80.00	50.00	0.00020	-70.00	50.00	0.00022
-60.00	50.00	0.00025	-50.00	50.00	0.00028
-40.00	50.00	0.00030	-30.00	50.00	0.00032
-25.00	50.00	0.00033	-20.00	50.00	0.00034
-17.00	50.00	0.00036	-15.00	50.00	0.00037
-13.00	50.00	0.00038	-11.00	50.00	0.00039
-9.00	50.00	0.00040	9.00	50.00	0.00054
11.00	50.00	0.00055	13.00	50.00	0.00056
15.00	50.00	0.00056	17.00	50.00	0.00057
20.00	50.00	0.00059	25.00	50.00	0.00061
30.00	50.00	0.00063	40.00	50.00	0.00066
50.00	50.00	0.00068	60.00	50.00	0.00069
70.00	50.00	0.00069	80.00	50.00	0.00068
90.00	50.00	0.00065	100.00	50.00	0.00063
-100.00	60.00	0.00016	-90.00	60.00	0.00019
-80.00	60.00	0.00021	-70.00	60.00	0.00024
-60.00	60.00	0.00027	-50.00	60.00	0.00030
-40.00	60.00	0.00034	-30.00	60.00	0.00036
-25.00	60.00	0.00037	-20.00	60.00	0.00039
-17.00	60.00	0.00040	-15.00	60.00	0.00041
-13.00	60.00	0.00043	-11.00	60.00	0.00044
-9.00	60.00	0.00046	9.00	60.00	0.00062
11.00	60.00	0.00064	13.00	60.00	0.00065
15.00	60.00	0.00066	17.00	60.00	0.00067
20.00	60.00	0.00069	25.00	60.00	0.00071
30.00	60.00	0.00074	40.00	60.00	0.00077
50.00	60.00	0.00079	60.00	60.00	0.00080
70.00	60.00	0.00079	80.00	60.00	0.00076

90.00 60.00 10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound  
 0.00073 100.00 60.00 0.00069

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\_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	0.00017	-90.00	70.00	0.00019
-80.00	70.00	0.00022	-70.00	70.00	0.00025
-60.00	70.00	0.00029	-50.00	70.00	0.00033
-40.00	70.00	0.00038	-30.00	70.00	0.00041
-25.00	70.00	0.00043	-20.00	70.00	0.00045
-17.00	70.00	0.00046	-15.00	70.00	0.00047
-13.00	70.00	0.00049	-11.00	70.00	0.00050
-9.00	70.00	0.00052	9.00	70.00	0.00073
11.00	70.00	0.00075	13.00	70.00	0.00076
15.00	70.00	0.00078	17.00	70.00	0.00079
20.00	70.00	0.00082	25.00	70.00	0.00085
30.00	70.00	0.00088	40.00	70.00	0.00092
50.00	70.00	0.00094	60.00	70.00	0.00093
70.00	70.00	0.00090	80.00	70.00	0.00086
90.00	70.00	0.00081	100.00	70.00	0.00075
-100.00	80.00	0.00018	-90.00	80.00	0.00021
-80.00	80.00	0.00023	-70.00	80.00	0.00027
-60.00	80.00	0.00031	-50.00	80.00	0.00036
-40.00	80.00	0.00042	-30.00	80.00	0.00047
-25.00	80.00	0.00049	-20.00	80.00	0.00051
-17.00	80.00	0.00053	-15.00	80.00	0.00054
-13.00	80.00	0.00056	-11.00	80.00	0.00058
-9.00	80.00	0.00060	9.00	80.00	0.00087
11.00	80.00	0.00090	13.00	80.00	0.00092
15.00	80.00	0.00094	17.00	80.00	0.00096
20.00	80.00	0.00098	25.00	80.00	0.00103
30.00	80.00	0.00106	40.00	80.00	0.00110
50.00	80.00	0.00111	60.00	80.00	0.00108
70.00	80.00	0.00103	80.00	80.00	0.00096
90.00	80.00	0.00089	100.00	80.00	0.00082
-100.00	90.00	0.00019	-90.00	90.00	0.00022
-80.00	90.00	0.00025	-70.00	90.00	0.00029
-60.00	90.00	0.00034	-50.00	90.00	0.00039

		10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound			
-40.00	90.00	0.00046	-30.00	90.00	0.00053
-25.00	90.00	0.00057	-20.00	90.00	0.00060
-17.00	90.00	0.00062	-15.00	90.00	0.00063
-13.00	90.00	0.00065	-11.00	90.00	0.00067
-9.00	90.00	0.00070	9.00	90.00	0.00106
11.00	90.00	0.00109	13.00	90.00	0.00112
15.00	90.00	0.00114	17.00	90.00	0.00117

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\_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	0.00121	25.00	90.00	0.00126
30.00	90.00	0.00130	40.00	90.00	0.00134
50.00	90.00	0.00132	60.00	90.00	0.00125
70.00	90.00	0.00117	80.00	90.00	0.00107
90.00	90.00	0.00097	100.00	90.00	0.00087
-100.00	100.00	0.00020	-90.00	100.00	0.00023
-80.00	100.00	0.00026	-70.00	100.00	0.00031
-60.00	100.00	0.00036	-50.00	100.00	0.00043
-40.00	100.00	0.00051	-30.00	100.00	0.00060
-25.00	100.00	0.00065	-20.00	100.00	0.00069
-17.00	100.00	0.00072	-15.00	100.00	0.00074
-13.00	100.00	0.00076	-11.00	100.00	0.00079
-9.00	100.00	0.00082	9.00	100.00	0.00130
11.00	100.00	0.00135	13.00	100.00	0.00139
15.00	100.00	0.00143	17.00	100.00	0.00147
20.00	100.00	0.00152	25.00	100.00	0.00159
30.00	100.00	0.00163	40.00	100.00	0.00163
50.00	100.00	0.00155	60.00	100.00	0.00143
70.00	100.00	0.00130	80.00	100.00	0.00117
90.00	100.00	0.00104	100.00	100.00	0.00093
-100.00	110.00	0.00021	-90.00	110.00	0.00024
-80.00	110.00	0.00028	-70.00	110.00	0.00032
-60.00	110.00	0.00038	-50.00	110.00	0.00046
-40.00	110.00	0.00055	-30.00	110.00	0.00066
-25.00	110.00	0.00073	-20.00	110.00	0.00079
-17.00	110.00	0.00083	-15.00	110.00	0.00086
-13.00	110.00	0.00089	-11.00	110.00	0.00092

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-9.00	110.00	0.00096	9.00	110.00	0.00165	
11.00	110.00	0.00172	13.00	110.00	0.00178	
15.00	110.00	0.00184	17.00	110.00	0.00189	
20.00	110.00	0.00196	25.00	110.00	0.00202	
30.00	110.00	0.00203	40.00	110.00	0.00195	
50.00	110.00	0.00179	60.00	110.00	0.00161	
70.00	110.00	0.00143	80.00	110.00	0.00126	
90.00	110.00	0.00111	100.00	110.00	0.00097	
-100.00	120.00	0.00022	-90.00	120.00	0.00025	
-80.00	120.00	0.00029	-70.00	120.00	0.00034	
-60.00	120.00	0.00041	-50.00	120.00	0.00049	
-40.00	120.00	0.00060	-30.00	120.00	0.00073	
-25.00	120.00	0.00081	-20.00	120.00	0.00089	

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\_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	0.00095	-15.00	120.00	0.00099	
-13.00	120.00	0.00104	-11.00	120.00	0.00108	
-9.00	120.00	0.00114	9.00	120.00	0.00220	
11.00	120.00	0.00230	13.00	120.00	0.00239	
15.00	120.00	0.00245	17.00	120.00	0.00250	
20.00	120.00	0.00254	25.00	120.00	0.00254	
30.00	120.00	0.00247	40.00	120.00	0.00226	
50.00	120.00	0.00201	60.00	120.00	0.00177	
70.00	120.00	0.00154	80.00	120.00	0.00134	
90.00	120.00	0.00116	100.00	120.00	0.00101	
-100.00	130.00	0.00023	-90.00	130.00	0.00027	
-80.00	130.00	0.00031	-70.00	130.00	0.00037	
-60.00	130.00	0.00044	-50.00	130.00	0.00053	
-40.00	130.00	0.00065	-30.00	130.00	0.00080	
-25.00	130.00	0.00089	-20.00	130.00	0.00099	
-17.00	130.00	0.00106	-15.00	130.00	0.00112	
-13.00	130.00	0.00118	-11.00	130.00	0.00125	
-9.00	130.00	0.00134	9.00	130.00	0.00317	
11.00	130.00	0.00321	13.00	130.00	0.00323	
15.00	130.00	0.00322	17.00	130.00	0.00320	
20.00	130.00	0.00314	25.00	130.00	0.00302	

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
30.00	130.00	0.00287	40.00	130.00	0.00255	
50.00	130.00	0.00222	60.00	130.00	0.00191	
70.00	130.00	0.00164	80.00	130.00	0.00140	
90.00	130.00	0.00120	100.00	130.00	0.00104	
-100.00	140.00	0.00025	-90.00	140.00	0.00028	
-80.00	140.00	0.00033	-70.00	140.00	0.00039	
-60.00	140.00	0.00047	-50.00	140.00	0.00057	
-40.00	140.00	0.00071	-30.00	140.00	0.00088	
-25.00	140.00	0.00099	-20.00	140.00	0.00112	
-17.00	140.00	0.00121	-15.00	140.00	0.00128	
-13.00	140.00	0.00137	-11.00	140.00	0.00148	
-9.00	140.00	0.00165	9.00	140.00	0.00435	
11.00	140.00	0.00417	13.00	140.00	0.00404	
15.00	140.00	0.00393	17.00	140.00	0.00383	
20.00	140.00	0.00369	25.00	140.00	0.00345	
30.00	140.00	0.00322	40.00	140.00	0.00278	
50.00	140.00	0.00237	60.00	140.00	0.00201	
70.00	140.00	0.00170	80.00	140.00	0.00144	
90.00	140.00	0.00123	100.00	140.00	0.00105	

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\_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	0.00026	-90.00	150.00	0.00030
-80.00	150.00	0.00035	-70.00	150.00	0.00042
-60.00	150.00	0.00050	-50.00	150.00	0.00062
-40.00	150.00	0.00077	-30.00	150.00	0.00098
-25.00	150.00	0.00114	-20.00	150.00	0.00136
-17.00	150.00	0.00156	-15.00	150.00	0.00174
-13.00	150.00	0.00198	-11.00	150.00	0.00232
-9.00	150.00	0.00279	9.00	150.00	0.00561
11.00	150.00	0.00527	13.00	150.00	0.00499
15.00	150.00	0.00477	17.00	150.00	0.00458
20.00	150.00	0.00432	25.00	150.00	0.00394
30.00	150.00	0.00361	40.00	150.00	0.00303
50.00	150.00	0.00252	60.00	150.00	0.00210
70.00	150.00	0.00175	80.00	150.00	0.00147
90.00	150.00	0.00124	100.00	150.00	0.00106

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-100.00	160.00	0.00027	-90.00	160.00	0.00031	
-80.00	160.00	0.00037	-70.00	160.00	0.00044	
-60.00	160.00	0.00054	-50.00	160.00	0.00067	
-40.00	160.00	0.00086	-30.00	160.00	0.00120	
-25.00	160.00	0.00148	-20.00	160.00	0.00192	
-17.00	160.00	0.00230	-15.00	160.00	0.00262	
-13.00	160.00	0.00300	-11.00	160.00	0.00349	
-9.00	160.00	0.00411	9.00	160.00	0.00661	
11.00	160.00	0.00617	13.00	160.00	0.00582	
15.00	160.00	0.00551	17.00	160.00	0.00525	
20.00	160.00	0.00489	25.00	160.00	0.00439	
30.00	160.00	0.00396	40.00	160.00	0.00325	
50.00	160.00	0.00265	60.00	160.00	0.00217	
70.00	160.00	0.00179	80.00	160.00	0.00149	
90.00	160.00	0.00125	100.00	160.00	0.00106	
-100.00	170.00	0.00028	-90.00	170.00	0.00033	
-80.00	170.00	0.00039	-70.00	170.00	0.00048	
-60.00	170.00	0.00059	-50.00	170.00	0.00076	
-40.00	170.00	0.00104	-30.00	170.00	0.00156	
-25.00	170.00	0.00199	-20.00	170.00	0.00260	
-17.00	170.00	0.00309	-15.00	170.00	0.00348	
-13.00	170.00	0.00395	-11.00	170.00	0.00450	
-9.00	170.00	0.00518	9.00	170.00	0.00732	
11.00	170.00	0.00682	13.00	170.00	0.00640	
15.00	170.00	0.00605	17.00	170.00	0.00574	

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\_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	0.00532	25.00	170.00	0.00472
30.00	170.00	0.00421	40.00	170.00	0.00338
50.00	170.00	0.00272	60.00	170.00	0.00221
70.00	170.00	0.00181	80.00	170.00	0.00150
90.00	170.00	0.00126	100.00	170.00	0.00107
-100.00	180.00	0.00029	-90.00	180.00	0.00035
-80.00	180.00	0.00042	-70.00	180.00	0.00052
-60.00	180.00	0.00067	-50.00	180.00	0.00089
-40.00	180.00	0.00128	-30.00	180.00	0.00196

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
-25.00	180.00	0.00249	-20.00	180.00	0.00320
-17.00	180.00	0.00376	-15.00	180.00	0.00420
-13.00	180.00	0.00470	-11.00	180.00	0.00528
-9.00	180.00	0.00598	9.00	180.00	0.00781
11.00	180.00	0.00725	13.00	180.00	0.00678
15.00	180.00	0.00639	17.00	180.00	0.00604
20.00	180.00	0.00557	25.00	180.00	0.00491
30.00	180.00	0.00434	40.00	180.00	0.00342
50.00	180.00	0.00273	60.00	180.00	0.00221
70.00	180.00	0.00181	80.00	180.00	0.00150
90.00	180.00	0.00125	100.00	180.00	0.00106
-100.00	190.00	0.00031	-90.00	190.00	0.00037
-80.00	190.00	0.00046	-70.00	190.00	0.00058
-60.00	190.00	0.00077	-50.00	190.00	0.00107
-40.00	190.00	0.00155	-30.00	190.00	0.00234
-25.00	190.00	0.00292	-20.00	190.00	0.00369
-17.00	190.00	0.00428	-15.00	190.00	0.00474
-13.00	190.00	0.00526	-11.00	190.00	0.00585
-9.00	190.00	0.00654	9.00	190.00	0.00810
11.00	190.00	0.00748	13.00	190.00	0.00698
15.00	190.00	0.00654	17.00	190.00	0.00615
20.00	190.00	0.00564	25.00	190.00	0.00492
30.00	190.00	0.00431	40.00	190.00	0.00337
50.00	190.00	0.00268	60.00	190.00	0.00216
70.00	190.00	0.00177	80.00	190.00	0.00148
90.00	190.00	0.00124	100.00	190.00	0.00106
-100.00	200.00	0.00033	-90.00	200.00	0.00041
-80.00	200.00	0.00051	-70.00	200.00	0.00066
-60.00	200.00	0.00089	-50.00	200.00	0.00125
-40.00	200.00	0.00180	-30.00	200.00	0.00266
-25.00	200.00	0.00328	-20.00	200.00	0.00408

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\_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	0.00468	-15.00	200.00	0.00513
-13.00	200.00	0.00565	-11.00	200.00	0.00623
-9.00	200.00	0.00692	9.00	200.00	0.00816

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	200.00	0.00749	13.00	200.00	0.00695
15.00	200.00	0.00648	17.00	200.00	0.00606
20.00	200.00	0.00550	25.00	200.00	0.00474
30.00	200.00	0.00414	40.00	200.00	0.00323
50.00	200.00	0.00258	60.00	200.00	0.00209
70.00	200.00	0.00173	80.00	200.00	0.00144
90.00	200.00	0.00122	100.00	200.00	0.00104
-100.00	210.00	0.00036	-90.00	210.00	0.00045
-80.00	210.00	0.00057	-70.00	210.00	0.00076
-60.00	210.00	0.00102	-50.00	210.00	0.00142
-40.00	210.00	0.00201	-30.00	210.00	0.00293
-25.00	210.00	0.00357	-20.00	210.00	0.00438
-17.00	210.00	0.00497	-15.00	210.00	0.00541
-13.00	210.00	0.00591	-11.00	210.00	0.00648
-9.00	210.00	0.00715	9.00	210.00	0.00795
11.00	210.00	0.00721	13.00	210.00	0.00662
15.00	210.00	0.00613	17.00	210.00	0.00570
20.00	210.00	0.00516	25.00	210.00	0.00443
30.00	210.00	0.00388	40.00	210.00	0.00305
50.00	210.00	0.00246	60.00	210.00	0.00201
70.00	210.00	0.00166	80.00	210.00	0.00139
90.00	210.00	0.00118	100.00	210.00	0.00101
-100.00	220.00	0.00039	-90.00	220.00	0.00050
-80.00	220.00	0.00064	-70.00	220.00	0.00085
-60.00	220.00	0.00114	-50.00	220.00	0.00157
-40.00	220.00	0.00220	-30.00	220.00	0.00314
-25.00	220.00	0.00378	-20.00	220.00	0.00459
-17.00	220.00	0.00517	-15.00	220.00	0.00560
-13.00	220.00	0.00608	-11.00	220.00	0.00663
-9.00	220.00	0.00727	9.00	220.00	0.00724
11.00	220.00	0.00654	13.00	220.00	0.00599
15.00	220.00	0.00556	17.00	220.00	0.00519
20.00	220.00	0.00472	25.00	220.00	0.00409
30.00	220.00	0.00359	40.00	220.00	0.00286
50.00	220.00	0.00232	60.00	220.00	0.00191
70.00	220.00	0.00159	80.00	220.00	0.00134
90.00	220.00	0.00114	100.00	220.00	0.00098

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\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



10NCRA\_SR05-300\_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	0.00043	-90.00	230.00	0.00055
-80.00	230.00	0.00071	-70.00	230.00	0.00093
-60.00	230.00	0.00125	-50.00	230.00	0.00169
-40.00	230.00	0.00233	-30.00	230.00	0.00328
-25.00	230.00	0.00393	-20.00	230.00	0.00471
-17.00	230.00	0.00527	-15.00	230.00	0.00568
-13.00	230.00	0.00614	-11.00	230.00	0.00665
-9.00	230.00	0.00720	9.00	230.00	0.00620
11.00	230.00	0.00575	13.00	230.00	0.00535
15.00	230.00	0.00500	17.00	230.00	0.00469
20.00	230.00	0.00430	25.00	230.00	0.00375
30.00	230.00	0.00332	40.00	230.00	0.00267
50.00	230.00	0.00218	60.00	230.00	0.00181
70.00	230.00	0.00152	80.00	230.00	0.00129
90.00	230.00	0.00111	100.00	230.00	0.00096
-100.00	240.00	0.00047	-90.00	240.00	0.00060
-80.00	240.00	0.00078	-70.00	240.00	0.00101
-60.00	240.00	0.00134	-50.00	240.00	0.00179
-40.00	240.00	0.00244	-30.00	240.00	0.00337
-25.00	240.00	0.00397	-20.00	240.00	0.00466
-17.00	240.00	0.00511	-15.00	240.00	0.00542
-13.00	240.00	0.00572	-11.00	240.00	0.00600
-9.00	240.00	0.00624	9.00	240.00	0.00501
11.00	240.00	0.00473	13.00	240.00	0.00447
15.00	240.00	0.00424	17.00	240.00	0.00402
20.00	240.00	0.00372	25.00	240.00	0.00331
30.00	240.00	0.00295	40.00	240.00	0.00242
50.00	240.00	0.00201	60.00	240.00	0.00169
70.00	240.00	0.00144	80.00	240.00	0.00123
90.00	240.00	0.00106	100.00	240.00	0.00092
-100.00	250.00	0.00052	-90.00	250.00	0.00065
-80.00	250.00	0.00084	-70.00	250.00	0.00108
-60.00	250.00	0.00141	-50.00	250.00	0.00186
-40.00	250.00	0.00248	-30.00	250.00	0.00330
-25.00	250.00	0.00376	-20.00	250.00	0.00424
-17.00	250.00	0.00451	-15.00	250.00	0.00468
-13.00	250.00	0.00483	-11.00	250.00	0.00495
-9.00	250.00	0.00503	9.00	250.00	0.00406
11.00	250.00	0.00387	13.00	250.00	0.00368
15.00	250.00	0.00352	17.00	250.00	0.00336

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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	0.00315	25.00	250.00	0.00284
30.00	250.00	0.00258	40.00	250.00	0.00215
50.00	250.00	0.00181	60.00	250.00	0.00154
70.00	250.00	0.00133	80.00	250.00	0.00115
90.00	250.00	0.00100	100.00	250.00	0.00088

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	-250.00	0.00005	-90.00	-250.00	0.00005
-80.00	-250.00	0.00005	-70.00	-250.00	0.00006
-60.00	-250.00	0.00006	-50.00	-250.00	0.00006
-40.00	-250.00	0.00006	-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	0.00009
11.00	-250.00	0.00009	13.00	-250.00	0.00009
15.00	-250.00	0.00009	17.00	-250.00	0.00009
20.00	-250.00	0.00009	25.00	-250.00	0.00009
30.00	-250.00	0.00009	40.00	-250.00	0.00010
50.00	-250.00	0.00010	60.00	-250.00	0.00010
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	0.00006	-90.00	-240.00	0.00006
-80.00	-240.00	0.00006	-70.00	-240.00	0.00006
-60.00	-240.00	0.00006	-50.00	-240.00	0.00006
-40.00	-240.00	0.00007	-30.00	-240.00	0.00007
-25.00	-240.00	0.00007	-20.00	-240.00	0.00008

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-17.00	-240.00	0.00008	-15.00	-240.00	0.00008	
-13.00	-240.00	0.00008	-11.00	-240.00	0.00008	
-9.00	-240.00	0.00008	9.00	-240.00	0.00009	
11.00	-240.00	0.00009	13.00	-240.00	0.00009	
15.00	-240.00	0.00009	17.00	-240.00	0.00009	
20.00	-240.00	0.00010	25.00	-240.00	0.00010	
30.00	-240.00	0.00010	40.00	-240.00	0.00010	
50.00	-240.00	0.00010	60.00	-240.00	0.00011	
70.00	-240.00	0.00011	80.00	-240.00	0.00011	
90.00	-240.00	0.00011	100.00	-240.00	0.00012	
-100.00	-230.00	0.00006	-90.00	-230.00	0.00006	
-80.00	-230.00	0.00006	-70.00	-230.00	0.00006	
-60.00	-230.00	0.00006	-50.00	-230.00	0.00007	
-40.00	-230.00	0.00007	-30.00	-230.00	0.00007	
-25.00	-230.00	0.00008	-20.00	-230.00	0.00008	
-17.00	-230.00	0.00008	-15.00	-230.00	0.00008	
-13.00	-230.00	0.00008	-11.00	-230.00	0.00008	
-9.00	-230.00	0.00009	9.00	-230.00	0.00010	
11.00	-230.00	0.00010	13.00	-230.00	0.00010	
15.00	-230.00	0.00010	17.00	-230.00	0.00010	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

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

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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	0.00012
11.00	-200.00	0.00012	13.00	-200.00	0.00012
15.00	-200.00	0.00012	17.00	-200.00	0.00012
20.00	-200.00	0.00012	25.00	-200.00	0.00012
30.00	-200.00	0.00013	40.00	-200.00	0.00013
50.00	-200.00	0.00013	60.00	-200.00	0.00014

10NCRA\_SR05-300\_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	0.00007	-90.00	-190.00	0.00007
-80.00	-190.00	0.00008	-70.00	-190.00	0.00008
-60.00	-190.00	0.00008	-50.00	-190.00	0.00008
-40.00	-190.00	0.00009	-30.00	-190.00	0.00009
-25.00	-190.00	0.00009	-20.00	-190.00	0.00010
-17.00	-190.00	0.00010	-15.00	-190.00	0.00010
-13.00	-190.00	0.00011	-11.00	-190.00	0.00011
-9.00	-190.00	0.00011	9.00	-190.00	0.00012
11.00	-190.00	0.00013	13.00	-190.00	0.00013
15.00	-190.00	0.00013	17.00	-190.00	0.00013
20.00	-190.00	0.00013	25.00	-190.00	0.00013
30.00	-190.00	0.00014	40.00	-190.00	0.00014
50.00	-190.00	0.00014	60.00	-190.00	0.00015
70.00	-190.00	0.00015	80.00	-190.00	0.00016
90.00	-190.00	0.00016	100.00	-190.00	0.00016
-100.00	-180.00	0.00008	-90.00	-180.00	0.00008
-80.00	-180.00	0.00008	-70.00	-180.00	0.00008
-60.00	-180.00	0.00008	-50.00	-180.00	0.00009
-40.00	-180.00	0.00009	-30.00	-180.00	0.00010
-25.00	-180.00	0.00010	-20.00	-180.00	0.00011
-17.00	-180.00	0.00011	-15.00	-180.00	0.00011
-13.00	-180.00	0.00011	-11.00	-180.00	0.00011
-9.00	-180.00	0.00012	9.00	-180.00	0.00013
11.00	-180.00	0.00013	13.00	-180.00	0.00014
15.00	-180.00	0.00014	17.00	-180.00	0.00014
20.00	-180.00	0.00014	25.00	-180.00	0.00014
30.00	-180.00	0.00015	40.00	-180.00	0.00015
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	0.00008	-90.00	-170.00	0.00008
-80.00	-170.00	0.00009	-70.00	-170.00	0.00009

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

18:56:35  
 \*\*MODELOPTs:  
 PAGE 47  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,  
 Page 86

\*\*\* DISCRETE 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	0.00018	25.00	-150.00	0.00018
30.00	-150.00	0.00018	40.00	-150.00	0.00019
50.00	-150.00	0.00020	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	0.00022
-100.00	-140.00	0.00009	-90.00	-140.00	0.00010
-80.00	-140.00	0.00010	-70.00	-140.00	0.00011
-60.00	-140.00	0.00011	-50.00	-140.00	0.00011
-40.00	-140.00	0.00012	-30.00	-140.00	0.00013
-25.00	-140.00	0.00013	-20.00	-140.00	0.00014
-17.00	-140.00	0.00014	-15.00	-140.00	0.00014
-13.00	-140.00	0.00015	-11.00	-140.00	0.00015
-9.00	-140.00	0.00015	9.00	-140.00	0.00018
11.00	-140.00	0.00018	13.00	-140.00	0.00018
15.00	-140.00	0.00019	17.00	-140.00	0.00019
20.00	-140.00	0.00019	25.00	-140.00	0.00020
30.00	-140.00	0.00020	40.00	-140.00	0.00021
50.00	-140.00	0.00021	60.00	-140.00	0.00022
70.00	-140.00	0.00023	80.00	-140.00	0.00023
90.00	-140.00	0.00023	100.00	-140.00	0.00023
-100.00	-130.00	0.00010	-90.00	-130.00	0.00011
-80.00	-130.00	0.00011	-70.00	-130.00	0.00012
-60.00	-130.00	0.00012	-50.00	-130.00	0.00012
-40.00	-130.00	0.00013	-30.00	-130.00	0.00013
-25.00	-130.00	0.00014	-20.00	-130.00	0.00015
-17.00	-130.00	0.00015	-15.00	-130.00	0.00016
-13.00	-130.00	0.00016	-11.00	-130.00	0.00016
-9.00	-130.00	0.00017	9.00	-130.00	0.00020
11.00	-130.00	0.00020	13.00	-130.00	0.00020
15.00	-130.00	0.00020	17.00	-130.00	0.00021
20.00	-130.00	0.00021	25.00	-130.00	0.00021
30.00	-130.00	0.00022	40.00	-130.00	0.00023
50.00	-130.00	0.00023	60.00	-130.00	0.00024
70.00	-130.00	0.00025	80.00	-130.00	0.00025
90.00	-130.00	0.00025	100.00	-130.00	0.00025
-100.00	-120.00	0.00011	-90.00	-120.00	0.00011
-80.00	-120.00	0.00012	-70.00	-120.00	0.00012
-60.00	-120.00	0.00013	-50.00	-120.00	0.00013
-40.00	-120.00	0.00014	-30.00	-120.00	0.00014
-25.00	-120.00	0.00015	-20.00	-120.00	0.00016

18:56:35  
 \*\*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	0.00016	-15.00	-120.00	0.00017
-13.00	-120.00	0.00017	-11.00	-120.00	0.00018
-9.00	-120.00	0.00018	9.00	-120.00	0.00021
11.00	-120.00	0.00022	13.00	-120.00	0.00022
15.00	-120.00	0.00022	17.00	-120.00	0.00022
20.00	-120.00	0.00023	25.00	-120.00	0.00023
30.00	-120.00	0.00024	40.00	-120.00	0.00025
50.00	-120.00	0.00026	60.00	-120.00	0.00026
70.00	-120.00	0.00027	80.00	-120.00	0.00027
90.00	-120.00	0.00028	100.00	-120.00	0.00028
-100.00	-110.00	0.00011	-90.00	-110.00	0.00012
-80.00	-110.00	0.00013	-70.00	-110.00	0.00013
-60.00	-110.00	0.00014	-50.00	-110.00	0.00014
-40.00	-110.00	0.00015	-30.00	-110.00	0.00016
-25.00	-110.00	0.00016	-20.00	-110.00	0.00017
-17.00	-110.00	0.00018	-15.00	-110.00	0.00018
-13.00	-110.00	0.00019	-11.00	-110.00	0.00019
-9.00	-110.00	0.00020	9.00	-110.00	0.00023
11.00	-110.00	0.00024	13.00	-110.00	0.00024
15.00	-110.00	0.00024	17.00	-110.00	0.00025
20.00	-110.00	0.00025	25.00	-110.00	0.00026
30.00	-110.00	0.00026	40.00	-110.00	0.00027
50.00	-110.00	0.00028	60.00	-110.00	0.00029
70.00	-110.00	0.00030	80.00	-110.00	0.00030
90.00	-110.00	0.00030	100.00	-110.00	0.00031
-100.00	-100.00	0.00012	-90.00	-100.00	0.00013
-80.00	-100.00	0.00014	-70.00	-100.00	0.00014
-60.00	-100.00	0.00015	-50.00	-100.00	0.00016
-40.00	-100.00	0.00016	-30.00	-100.00	0.00017
-25.00	-100.00	0.00018	-20.00	-100.00	0.00019
-17.00	-100.00	0.00019	-15.00	-100.00	0.00020
-13.00	-100.00	0.00020	-11.00	-100.00	0.00021
-9.00	-100.00	0.00021	9.00	-100.00	0.00026
11.00	-100.00	0.00026	13.00	-100.00	0.00027



10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
15.00	-100.00	0.00027	17.00	-100.00	0.00027	
20.00	-100.00	0.00028	25.00	-100.00	0.00028	
30.00	-100.00	0.00029	40.00	-100.00	0.00030	
50.00	-100.00	0.00032	60.00	-100.00	0.00032	
70.00	-100.00	0.00033	80.00	-100.00	0.00033	
90.00	-100.00	0.00034	100.00	-100.00	0.00034	

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	0.00012	-90.00	-90.00	0.00013
-80.00	-90.00	0.00014	-70.00	-90.00	0.00016
-60.00	-90.00	0.00016	-50.00	-90.00	0.00017
-40.00	-90.00	0.00018	-30.00	-90.00	0.00019
-25.00	-90.00	0.00019	-20.00	-90.00	0.00020
-17.00	-90.00	0.00021	-15.00	-90.00	0.00022
-13.00	-90.00	0.00022	-11.00	-90.00	0.00023
-9.00	-90.00	0.00023	9.00	-90.00	0.00029
11.00	-90.00	0.00029	13.00	-90.00	0.00030
15.00	-90.00	0.00030	17.00	-90.00	0.00030
20.00	-90.00	0.00031	25.00	-90.00	0.00032
30.00	-90.00	0.00032	40.00	-90.00	0.00034
50.00	-90.00	0.00035	60.00	-90.00	0.00036
70.00	-90.00	0.00037	80.00	-90.00	0.00037
90.00	-90.00	0.00037	100.00	-90.00	0.00037
-100.00	-80.00	0.00013	-90.00	-80.00	0.00014
-80.00	-80.00	0.00015	-70.00	-80.00	0.00017
-60.00	-80.00	0.00018	-50.00	-80.00	0.00019
-40.00	-80.00	0.00019	-30.00	-80.00	0.00020
-25.00	-80.00	0.00021	-20.00	-80.00	0.00022
-17.00	-80.00	0.00023	-15.00	-80.00	0.00024
-13.00	-80.00	0.00024	-11.00	-80.00	0.00025
-9.00	-80.00	0.00026	9.00	-80.00	0.00032
11.00	-80.00	0.00033	13.00	-80.00	0.00033
15.00	-80.00	0.00033	17.00	-80.00	0.00034
20.00	-80.00	0.00034	25.00	-80.00	0.00035
30.00	-80.00	0.00036	40.00	-80.00	0.00038
50.00	-80.00	0.00040	60.00	-80.00	0.00041

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
70.00	-80.00	0.00041	80.00	-80.00	0.00041	
90.00	-80.00	0.00042	100.00	-80.00	0.00041	
-100.00	-70.00	0.00013	-90.00	-70.00	0.00015	
-80.00	-70.00	0.00016	-70.00	-70.00	0.00018	
-60.00	-70.00	0.00019	-50.00	-70.00	0.00021	
-40.00	-70.00	0.00022	-30.00	-70.00	0.00023	
-25.00	-70.00	0.00023	-20.00	-70.00	0.00025	
-17.00	-70.00	0.00026	-15.00	-70.00	0.00026	
-13.00	-70.00	0.00027	-11.00	-70.00	0.00028	
-9.00	-70.00	0.00029	9.00	-70.00	0.00036	
11.00	-70.00	0.00037	13.00	-70.00	0.00037	
15.00	-70.00	0.00038	17.00	-70.00	0.00038	

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

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

18:56:35

\*\*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	0.00039	25.00	-70.00	0.00040
30.00	-70.00	0.00041	40.00	-70.00	0.00043
50.00	-70.00	0.00045	60.00	-70.00	0.00046
70.00	-70.00	0.00046	80.00	-70.00	0.00047
90.00	-70.00	0.00047	100.00	-70.00	0.00046
-100.00	-60.00	0.00014	-90.00	-60.00	0.00016
-80.00	-60.00	0.00017	-70.00	-60.00	0.00019
-60.00	-60.00	0.00021	-50.00	-60.00	0.00023
-40.00	-60.00	0.00024	-30.00	-60.00	0.00025
-25.00	-60.00	0.00026	-20.00	-60.00	0.00027
-17.00	-60.00	0.00028	-15.00	-60.00	0.00029
-13.00	-60.00	0.00030	-11.00	-60.00	0.00031
-9.00	-60.00	0.00032	9.00	-60.00	0.00041
11.00	-60.00	0.00041	13.00	-60.00	0.00042
15.00	-60.00	0.00043	17.00	-60.00	0.00043
20.00	-60.00	0.00044	25.00	-60.00	0.00045
30.00	-60.00	0.00047	40.00	-60.00	0.00049
50.00	-60.00	0.00051	60.00	-60.00	0.00052
70.00	-60.00	0.00052	80.00	-60.00	0.00053
90.00	-60.00	0.00052	100.00	-60.00	0.00051
-100.00	-50.00	0.00015	-90.00	-50.00	0.00017
-80.00	-50.00	0.00019	-70.00	-50.00	0.00021

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-60.00	-50.00	0.00023	-50.00	-50.00	0.00025	
-40.00	-50.00	0.00027	-30.00	-50.00	0.00028	
-25.00	-50.00	0.00029	-20.00	-50.00	0.00030	
-17.00	-50.00	0.00032	-15.00	-50.00	0.00033	
-13.00	-50.00	0.00034	-11.00	-50.00	0.00035	
-9.00	-50.00	0.00036	9.00	-50.00	0.00047	
11.00	-50.00	0.00047	13.00	-50.00	0.00048	
15.00	-50.00	0.00049	17.00	-50.00	0.00050	
20.00	-50.00	0.00051	25.00	-50.00	0.00052	
30.00	-50.00	0.00054	40.00	-50.00	0.00057	
50.00	-50.00	0.00058	60.00	-50.00	0.00059	
70.00	-50.00	0.00060	80.00	-50.00	0.00060	
90.00	-50.00	0.00059	100.00	-50.00	0.00057	
-100.00	-40.00	0.00016	-90.00	-40.00	0.00018	
-80.00	-40.00	0.00020	-70.00	-40.00	0.00022	
-60.00	-40.00	0.00025	-50.00	-40.00	0.00028	
-40.00	-40.00	0.00030	-30.00	-40.00	0.00032	
-25.00	-40.00	0.00033	-20.00	-40.00	0.00034	

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

18:56:35

\*\*\* 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\_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	0.00036	-15.00	-40.00	0.00037
-13.00	-40.00	0.00038	-11.00	-40.00	0.00039
-9.00	-40.00	0.00040	9.00	-40.00	0.00054
11.00	-40.00	0.00055	13.00	-40.00	0.00056
15.00	-40.00	0.00056	17.00	-40.00	0.00057
20.00	-40.00	0.00059	25.00	-40.00	0.00061
30.00	-40.00	0.00063	40.00	-40.00	0.00066
50.00	-40.00	0.00068	60.00	-40.00	0.00069
70.00	-40.00	0.00069	80.00	-40.00	0.00068
90.00	-40.00	0.00065	100.00	-40.00	0.00063
-100.00	-30.00	0.00016	-90.00	-30.00	0.00019
-80.00	-30.00	0.00021	-70.00	-30.00	0.00024
-60.00	-30.00	0.00027	-50.00	-30.00	0.00030
-40.00	-30.00	0.00034	-30.00	-30.00	0.00036
-25.00	-30.00	0.00037	-20.00	-30.00	0.00039
-17.00	-30.00	0.00040	-15.00	-30.00	0.00041

10NCRA SR05-300_DPM_TRAV_ANN_N-S Bound					
-13.00	-30.00	0.00043	-11.00	-30.00	0.00044
-9.00	-30.00	0.00046	9.00	-30.00	0.00062
11.00	-30.00	0.00064	13.00	-30.00	0.00065
15.00	-30.00	0.00066	17.00	-30.00	0.00067
20.00	-30.00	0.00069	25.00	-30.00	0.00071
30.00	-30.00	0.00074	40.00	-30.00	0.00077
50.00	-30.00	0.00079	60.00	-30.00	0.00080
70.00	-30.00	0.00079	80.00	-30.00	0.00076
90.00	-30.00	0.00073	100.00	-30.00	0.00069
-100.00	-20.00	0.00017	-90.00	-20.00	0.00019
-80.00	-20.00	0.00022	-70.00	-20.00	0.00025
-60.00	-20.00	0.00029	-50.00	-20.00	0.00033
-40.00	-20.00	0.00038	-30.00	-20.00	0.00041
-25.00	-20.00	0.00043	-20.00	-20.00	0.00045
-17.00	-20.00	0.00046	-15.00	-20.00	0.00047
-13.00	-20.00	0.00049	-11.00	-20.00	0.00050
-9.00	-20.00	0.00052	9.00	-20.00	0.00073
11.00	-20.00	0.00075	13.00	-20.00	0.00076
15.00	-20.00	0.00078	17.00	-20.00	0.00079
20.00	-20.00	0.00082	25.00	-20.00	0.00085
30.00	-20.00	0.00088	40.00	-20.00	0.00092
50.00	-20.00	0.00094	60.00	-20.00	0.00093
70.00	-20.00	0.00090	80.00	-20.00	0.00086
90.00	-20.00	0.00081	100.00	-20.00	0.00075

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00018	-90.00	-10.00	0.00021
-80.00	-10.00	0.00023	-70.00	-10.00	0.00027
-60.00	-10.00	0.00031	-50.00	-10.00	0.00036
-40.00	-10.00	0.00042	-30.00	-10.00	0.00047
-25.00	-10.00	0.00049	-20.00	-10.00	0.00051
-17.00	-10.00	0.00053	-15.00	-10.00	0.00054
-13.00	-10.00	0.00056	-11.00	-10.00	0.00058
-9.00	-10.00	0.00060	9.00	-10.00	0.00087
11.00	-10.00	0.00090	13.00	-10.00	0.00092
15.00	-10.00	0.00094	17.00	-10.00	0.00096

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-10.00	0.00098	25.00	-10.00	0.00103
30.00	-10.00	0.00106	40.00	-10.00	0.00110
50.00	-10.00	0.00111	60.00	-10.00	0.00108
70.00	-10.00	0.00103	80.00	-10.00	0.00096
90.00	-10.00	0.00089	100.00	-10.00	0.00082
-100.00	0.00	0.00019	-90.00	0.00	0.00022
-80.00	0.00	0.00025	-70.00	0.00	0.00029
-60.00	0.00	0.00034	-50.00	0.00	0.00039
-40.00	0.00	0.00046	-30.00	0.00	0.00053
-25.00	0.00	0.00057	-20.00	0.00	0.00060
-17.00	0.00	0.00062	-15.00	0.00	0.00063
-13.00	0.00	0.00065	-11.00	0.00	0.00067
-9.00	0.00	0.00070	9.00	0.00	0.00106
11.00	0.00	0.00109	13.00	0.00	0.00112
15.00	0.00	0.00114	17.00	0.00	0.00117
20.00	0.00	0.00121	25.00	0.00	0.00126
30.00	0.00	0.00130	40.00	0.00	0.00134
50.00	0.00	0.00132	60.00	0.00	0.00125
70.00	0.00	0.00117	80.00	0.00	0.00107
90.00	0.00	0.00097	100.00	0.00	0.00087
-100.00	10.00	0.00020	-90.00	10.00	0.00023
-80.00	10.00	0.00026	-70.00	10.00	0.00031
-60.00	10.00	0.00036	-50.00	10.00	0.00043
-40.00	10.00	0.00051	-30.00	10.00	0.00060
-25.00	10.00	0.00065	-20.00	10.00	0.00069
-17.00	10.00	0.00072	-15.00	10.00	0.00074
-13.00	10.00	0.00076	-11.00	10.00	0.00079
-9.00	10.00	0.00082	9.00	10.00	0.00130
11.00	10.00	0.00135	13.00	10.00	0.00139
15.00	10.00	0.00143	17.00	10.00	0.00147

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00152	25.00	10.00	0.00159
30.00	10.00	0.00163	40.00	10.00	0.00163
50.00	10.00	0.00155	60.00	10.00	0.00143
70.00	10.00	0.00130	80.00	10.00	0.00117

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
90.00	10.00	0.00104	100.00	10.00	0.00093	
-100.00	20.00	0.00021	-90.00	20.00	0.00024	
-80.00	20.00	0.00028	-70.00	20.00	0.00032	
-60.00	20.00	0.00038	-50.00	20.00	0.00046	
-40.00	20.00	0.00055	-30.00	20.00	0.00066	
-25.00	20.00	0.00073	-20.00	20.00	0.00079	
-17.00	20.00	0.00083	-15.00	20.00	0.00086	
-13.00	20.00	0.00089	-11.00	20.00	0.00092	
-9.00	20.00	0.00096	9.00	20.00	0.00165	
11.00	20.00	0.00172	13.00	20.00	0.00178	
15.00	20.00	0.00184	17.00	20.00	0.00189	
20.00	20.00	0.00196	25.00	20.00	0.00202	
30.00	20.00	0.00203	40.00	20.00	0.00195	
50.00	20.00	0.00179	60.00	20.00	0.00161	
70.00	20.00	0.00143	80.00	20.00	0.00126	
90.00	20.00	0.00111	100.00	20.00	0.00097	
-100.00	30.00	0.00022	-90.00	30.00	0.00025	
-80.00	30.00	0.00029	-70.00	30.00	0.00034	
-60.00	30.00	0.00041	-50.00	30.00	0.00049	
-40.00	30.00	0.00060	-30.00	30.00	0.00073	
-25.00	30.00	0.00081	-20.00	30.00	0.00089	
-17.00	30.00	0.00095	-15.00	30.00	0.00099	
-13.00	30.00	0.00104	-11.00	30.00	0.00108	
-9.00	30.00	0.00114	9.00	30.00	0.00220	
11.00	30.00	0.00230	13.00	30.00	0.00239	
15.00	30.00	0.00245	17.00	30.00	0.00250	
20.00	30.00	0.00254	25.00	30.00	0.00254	
30.00	30.00	0.00247	40.00	30.00	0.00226	
50.00	30.00	0.00201	60.00	30.00	0.00177	
70.00	30.00	0.00154	80.00	30.00	0.00134	
90.00	30.00	0.00116	100.00	30.00	0.00101	
-100.00	40.00	0.00023	-90.00	40.00	0.00027	
-80.00	40.00	0.00031	-70.00	40.00	0.00037	
-60.00	40.00	0.00044	-50.00	40.00	0.00053	
-40.00	40.00	0.00065	-30.00	40.00	0.00080	
-25.00	40.00	0.00089	-20.00	40.00	0.00099	

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                    \*\*

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00106	-15.00	40.00	0.00112
-13.00	40.00	0.00118	-11.00	40.00	0.00125
-9.00	40.00	0.00134	9.00	40.00	0.00317
11.00	40.00	0.00321	13.00	40.00	0.00323
15.00	40.00	0.00322	17.00	40.00	0.00320
20.00	40.00	0.00314	25.00	40.00	0.00302
30.00	40.00	0.00287	40.00	40.00	0.00255
50.00	40.00	0.00222	60.00	40.00	0.00191
70.00	40.00	0.00164	80.00	40.00	0.00140
90.00	40.00	0.00120	100.00	40.00	0.00104
-100.00	50.00	0.00025	-90.00	50.00	0.00028
-80.00	50.00	0.00033	-70.00	50.00	0.00039
-60.00	50.00	0.00047	-50.00	50.00	0.00057
-40.00	50.00	0.00071	-30.00	50.00	0.00088
-25.00	50.00	0.00099	-20.00	50.00	0.00112
-17.00	50.00	0.00121	-15.00	50.00	0.00128
-13.00	50.00	0.00137	-11.00	50.00	0.00148
-9.00	50.00	0.00165	9.00	50.00	0.00435
11.00	50.00	0.00417	13.00	50.00	0.00404
15.00	50.00	0.00393	17.00	50.00	0.00383
20.00	50.00	0.00369	25.00	50.00	0.00345
30.00	50.00	0.00322	40.00	50.00	0.00278
50.00	50.00	0.00237	60.00	50.00	0.00201
70.00	50.00	0.00170	80.00	50.00	0.00144
90.00	50.00	0.00123	100.00	50.00	0.00105
-100.00	60.00	0.00026	-90.00	60.00	0.00030
-80.00	60.00	0.00035	-70.00	60.00	0.00042
-60.00	60.00	0.00050	-50.00	60.00	0.00062
-40.00	60.00	0.00077	-30.00	60.00	0.00098
-25.00	60.00	0.00114	-20.00	60.00	0.00136
-17.00	60.00	0.00156	-15.00	60.00	0.00174
-13.00	60.00	0.00198	-11.00	60.00	0.00232
-9.00	60.00	0.00279	9.00	60.00	0.00561
11.00	60.00	0.00527	13.00	60.00	0.00499
15.00	60.00	0.00477	17.00	60.00	0.00458
20.00	60.00	0.00432	25.00	60.00	0.00394
30.00	60.00	0.00361	40.00	60.00	0.00303
50.00	60.00	0.00252	60.00	60.00	0.00210
70.00	60.00	0.00175	80.00	60.00	0.00147
90.00	60.00	0.00124	100.00	60.00	0.00106

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

\*\*\* 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	0.00027	-90.00	70.00	0.00031	
-80.00	70.00	0.00037	-70.00	70.00	0.00044	
-60.00	70.00	0.00054	-50.00	70.00	0.00067	
-40.00	70.00	0.00086	-30.00	70.00	0.00120	
-25.00	70.00	0.00148	-20.00	70.00	0.00192	
-17.00	70.00	0.00230	-15.00	70.00	0.00262	
-13.00	70.00	0.00300	-11.00	70.00	0.00349	
-9.00	70.00	0.00411	9.00	70.00	0.00661	
11.00	70.00	0.00617	13.00	70.00	0.00582	
15.00	70.00	0.00551	17.00	70.00	0.00525	
20.00	70.00	0.00489	25.00	70.00	0.00439	
30.00	70.00	0.00396	40.00	70.00	0.00325	
50.00	70.00	0.00265	60.00	70.00	0.00217	
70.00	70.00	0.00179	80.00	70.00	0.00149	
90.00	70.00	0.00125	100.00	70.00	0.00106	
-100.00	80.00	0.00028	-90.00	80.00	0.00033	
-80.00	80.00	0.00039	-70.00	80.00	0.00048	
-60.00	80.00	0.00059	-50.00	80.00	0.00076	
-40.00	80.00	0.00104	-30.00	80.00	0.00156	
-25.00	80.00	0.00199	-20.00	80.00	0.00260	
-17.00	80.00	0.00309	-15.00	80.00	0.00348	
-13.00	80.00	0.00395	-11.00	80.00	0.00450	
-9.00	80.00	0.00518	9.00	80.00	0.00732	
11.00	80.00	0.00682	13.00	80.00	0.00640	
15.00	80.00	0.00605	17.00	80.00	0.00574	
20.00	80.00	0.00532	25.00	80.00	0.00472	
30.00	80.00	0.00421	40.00	80.00	0.00338	
50.00	80.00	0.00272	60.00	80.00	0.00221	
70.00	80.00	0.00181	80.00	80.00	0.00150	
90.00	80.00	0.00126	100.00	80.00	0.00107	
-100.00	90.00	0.00029	-90.00	90.00	0.00035	
-80.00	90.00	0.00042	-70.00	90.00	0.00052	
-60.00	90.00	0.00067	-50.00	90.00	0.00089	
-40.00	90.00	0.00128	-30.00	90.00	0.00196	
-25.00	90.00	0.00249	-20.00	90.00	0.00320	
-17.00	90.00	0.00376	-15.00	90.00	0.00420	



X-Coord (m)	Y-Coord (m)	Concentration	X-Coord (m)	Y-Coord (m)	Concentration
-13.00	90.00	0.00470	-11.00	90.00	0.00528
-9.00	90.00	0.00598	9.00	90.00	0.00781
11.00	90.00	0.00725	13.00	90.00	0.00678
15.00	90.00	0.00639	17.00	90.00	0.00604

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

18:56:35  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00557	25.00	90.00	0.00491
30.00	90.00	0.00434	40.00	90.00	0.00342
50.00	90.00	0.00273	60.00	90.00	0.00221
70.00	90.00	0.00181	80.00	90.00	0.00150
90.00	90.00	0.00125	100.00	90.00	0.00106
-100.00	100.00	0.00031	-90.00	100.00	0.00037
-80.00	100.00	0.00046	-70.00	100.00	0.00058
-60.00	100.00	0.00077	-50.00	100.00	0.00107
-40.00	100.00	0.00155	-30.00	100.00	0.00234
-25.00	100.00	0.00292	-20.00	100.00	0.00369
-17.00	100.00	0.00428	-15.00	100.00	0.00474
-13.00	100.00	0.00526	-11.00	100.00	0.00585
-9.00	100.00	0.00654	9.00	100.00	0.00810
11.00	100.00	0.00748	13.00	100.00	0.00698
15.00	100.00	0.00654	17.00	100.00	0.00615
20.00	100.00	0.00564	25.00	100.00	0.00492
30.00	100.00	0.00431	40.00	100.00	0.00337
50.00	100.00	0.00268	60.00	100.00	0.00216
70.00	100.00	0.00177	80.00	100.00	0.00148
90.00	100.00	0.00124	100.00	100.00	0.00106
-100.00	110.00	0.00033	-90.00	110.00	0.00041
-80.00	110.00	0.00051	-70.00	110.00	0.00066
-60.00	110.00	0.00089	-50.00	110.00	0.00125
-40.00	110.00	0.00180	-30.00	110.00	0.00266
-25.00	110.00	0.00328	-20.00	110.00	0.00408
-17.00	110.00	0.00468	-15.00	110.00	0.00513
-13.00	110.00	0.00565	-11.00	110.00	0.00623
-9.00	110.00	0.00692	9.00	110.00	0.00816
11.00	110.00	0.00749	13.00	110.00	0.00695
15.00	110.00	0.00648	17.00	110.00	0.00606

10NCRA SR05-300_DPM_TRAV_ANN_N-S Bound						
20.00	110.00	0.00550	25.00	110.00	0.00474	
30.00	110.00	0.00414	40.00	110.00	0.00323	
50.00	110.00	0.00258	60.00	110.00	0.00209	
70.00	110.00	0.00173	80.00	110.00	0.00144	
90.00	110.00	0.00122	100.00	110.00	0.00104	
-100.00	120.00	0.00036	-90.00	120.00	0.00045	
-80.00	120.00	0.00057	-70.00	120.00	0.00076	
-60.00	120.00	0.00102	-50.00	120.00	0.00142	
-40.00	120.00	0.00201	-30.00	120.00	0.00293	
-25.00	120.00	0.00357	-20.00	120.00	0.00438	

1 \*\*\* ICSST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00497	-15.00	120.00	0.00541
-13.00	120.00	0.00591	-11.00	120.00	0.00648
-9.00	120.00	0.00715	9.00	120.00	0.00795
11.00	120.00	0.00721	13.00	120.00	0.00662
15.00	120.00	0.00613	17.00	120.00	0.00570
20.00	120.00	0.00516	25.00	120.00	0.00443
30.00	120.00	0.00388	40.00	120.00	0.00305
50.00	120.00	0.00246	60.00	120.00	0.00201
70.00	120.00	0.00166	80.00	120.00	0.00139
90.00	120.00	0.00118	100.00	120.00	0.00101
-100.00	130.00	0.00039	-90.00	130.00	0.00050
-80.00	130.00	0.00064	-70.00	130.00	0.00085
-60.00	130.00	0.00114	-50.00	130.00	0.00157
-40.00	130.00	0.00220	-30.00	130.00	0.00314
-25.00	130.00	0.00378	-20.00	130.00	0.00459
-17.00	130.00	0.00517	-15.00	130.00	0.00560
-13.00	130.00	0.00608	-11.00	130.00	0.00663
-9.00	130.00	0.00727	9.00	130.00	0.00724
11.00	130.00	0.00654	13.00	130.00	0.00599
15.00	130.00	0.00556	17.00	130.00	0.00519
20.00	130.00	0.00472	25.00	130.00	0.00409
30.00	130.00	0.00359	40.00	130.00	0.00286
50.00	130.00	0.00232	60.00	130.00	0.00191
70.00	130.00	0.00159	80.00	130.00	0.00134

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
90.00	130.00	0.00114	100.00	130.00	0.00098	
-100.00	140.00	0.00043	-90.00	140.00	0.00055	
-80.00	140.00	0.00071	-70.00	140.00	0.00093	
-60.00	140.00	0.00125	-50.00	140.00	0.00169	
-40.00	140.00	0.00233	-30.00	140.00	0.00328	
-25.00	140.00	0.00393	-20.00	140.00	0.00471	
-17.00	140.00	0.00527	-15.00	140.00	0.00568	
-13.00	140.00	0.00614	-11.00	140.00	0.00665	
-9.00	140.00	0.00720	9.00	140.00	0.00620	
11.00	140.00	0.00575	13.00	140.00	0.00535	
15.00	140.00	0.00500	17.00	140.00	0.00469	
20.00	140.00	0.00430	25.00	140.00	0.00375	
30.00	140.00	0.00332	40.00	140.00	0.00267	
50.00	140.00	0.00218	60.00	140.00	0.00181	
70.00	140.00	0.00152	80.00	140.00	0.00129	
90.00	140.00	0.00111	100.00	140.00	0.00096	

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

18:56:35  
 \*\*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	0.00047	-90.00	150.00	0.00060	
-80.00	150.00	0.00078	-70.00	150.00	0.00101	
-60.00	150.00	0.00134	-50.00	150.00	0.00179	
-40.00	150.00	0.00244	-30.00	150.00	0.00337	
-25.00	150.00	0.00397	-20.00	150.00	0.00466	
-17.00	150.00	0.00511	-15.00	150.00	0.00542	
-13.00	150.00	0.00572	-11.00	150.00	0.00600	
-9.00	150.00	0.00624	9.00	150.00	0.00501	
11.00	150.00	0.00473	13.00	150.00	0.00447	
15.00	150.00	0.00424	17.00	150.00	0.00402	
20.00	150.00	0.00372	25.00	150.00	0.00331	
30.00	150.00	0.00295	40.00	150.00	0.00242	
50.00	150.00	0.00201	60.00	150.00	0.00169	
70.00	150.00	0.00144	80.00	150.00	0.00123	
90.00	150.00	0.00106	100.00	150.00	0.00092	
-100.00	160.00	0.00052	-90.00	160.00	0.00065	
-80.00	160.00	0.00084	-70.00	160.00	0.00108	
-60.00	160.00	0.00141	-50.00	160.00	0.00186	

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-40.00	160.00	0.00248	-30.00	160.00	0.00330	
-25.00	160.00	0.00376	-20.00	160.00	0.00424	
-17.00	160.00	0.00451	-15.00	160.00	0.00468	
-13.00	160.00	0.00483	-11.00	160.00	0.00495	
-9.00	160.00	0.00503	9.00	160.00	0.00406	
11.00	160.00	0.00387	13.00	160.00	0.00368	
15.00	160.00	0.00352	17.00	160.00	0.00336	
20.00	160.00	0.00315	25.00	160.00	0.00284	
30.00	160.00	0.00258	40.00	160.00	0.00215	
50.00	160.00	0.00181	60.00	160.00	0.00154	
70.00	160.00	0.00133	80.00	160.00	0.00115	
90.00	160.00	0.00100	100.00	160.00	0.00088	
-100.00	170.00	0.00056	-90.00	170.00	0.00070	
-80.00	170.00	0.00089	-70.00	170.00	0.00113	
-60.00	170.00	0.00145	-50.00	170.00	0.00188	
-40.00	170.00	0.00241	-30.00	170.00	0.00304	
-25.00	170.00	0.00336	-20.00	170.00	0.00366	
-17.00	170.00	0.00381	-15.00	170.00	0.00390	
-13.00	170.00	0.00397	-11.00	170.00	0.00401	
-9.00	170.00	0.00404	9.00	170.00	0.00334	
11.00	170.00	0.00320	13.00	170.00	0.00306	
15.00	170.00	0.00294	17.00	170.00	0.00282	

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	170.00	0.00266	25.00	170.00	0.00243
30.00	170.00	0.00223	40.00	170.00	0.00189
50.00	170.00	0.00162	60.00	170.00	0.00140
70.00	170.00	0.00121	80.00	170.00	0.00106
90.00	170.00	0.00093	100.00	170.00	0.00083
-100.00	180.00	0.00060	-90.00	180.00	0.00074
-80.00	180.00	0.00093	-70.00	180.00	0.00116
-60.00	180.00	0.00146	-50.00	180.00	0.00183
-40.00	180.00	0.00225	-30.00	180.00	0.00271
-25.00	180.00	0.00292	-20.00	180.00	0.00311
-17.00	180.00	0.00319	-15.00	180.00	0.00323
-13.00	180.00	0.00325	-11.00	180.00	0.00327

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-9.00	180.00	0.00327	9.00	180.00	0.00278	
11.00	180.00	0.00268	13.00	180.00	0.00258	
15.00	180.00	0.00248	17.00	180.00	0.00239	
20.00	180.00	0.00226	25.00	180.00	0.00208	
30.00	180.00	0.00192	40.00	180.00	0.00166	
50.00	180.00	0.00144	60.00	180.00	0.00126	
70.00	180.00	0.00111	80.00	180.00	0.00098	
90.00	180.00	0.00087	100.00	180.00	0.00077	
-100.00	190.00	0.00063	-90.00	190.00	0.00077	
-80.00	190.00	0.00095	-70.00	190.00	0.00116	
-60.00	190.00	0.00142	-50.00	190.00	0.00172	
-40.00	190.00	0.00205	-30.00	190.00	0.00238	
-25.00	190.00	0.00252	-20.00	190.00	0.00263	
-17.00	190.00	0.00267	-15.00	190.00	0.00268	
-13.00	190.00	0.00269	-11.00	190.00	0.00269	
-9.00	190.00	0.00269	9.00	190.00	0.00234	
11.00	190.00	0.00227	13.00	190.00	0.00219	
15.00	190.00	0.00212	17.00	190.00	0.00205	
20.00	190.00	0.00195	25.00	190.00	0.00180	
30.00	190.00	0.00167	40.00	190.00	0.00146	
50.00	190.00	0.00129	60.00	190.00	0.00114	
70.00	190.00	0.00101	80.00	190.00	0.00090	
90.00	190.00	0.00080	100.00	190.00	0.00072	
-100.00	200.00	0.00065	-90.00	200.00	0.00078	
-80.00	200.00	0.00095	-70.00	200.00	0.00114	
-60.00	200.00	0.00135	-50.00	200.00	0.00159	
-40.00	200.00	0.00185	-30.00	200.00	0.00208	
-25.00	200.00	0.00217	-20.00	200.00	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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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	0.00225	-15.00	200.00	0.00225
-13.00	200.00	0.00225	-11.00	200.00	0.00225
-9.00	200.00	0.00224	9.00	200.00	0.00199
11.00	200.00	0.00193	13.00	200.00	0.00188
15.00	200.00	0.00182	17.00	200.00	0.00177
20.00	200.00	0.00169	25.00	200.00	0.00157

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	200.00	0.00146	40.00	200.00	0.00129
50.00	200.00	0.00115	60.00	200.00	0.00103
70.00	200.00	0.00092	80.00	200.00	0.00082
90.00	200.00	0.00074	100.00	200.00	0.00067
-100.00	210.00	0.00066	-90.00	210.00	0.00078
-80.00	210.00	0.00093	-70.00	210.00	0.00109
-60.00	210.00	0.00127	-50.00	210.00	0.00146
-40.00	210.00	0.00165	-30.00	210.00	0.00182
-25.00	210.00	0.00187	-20.00	210.00	0.00190
-17.00	210.00	0.00191	-15.00	210.00	0.00191
-13.00	210.00	0.00191	-11.00	210.00	0.00190
-9.00	210.00	0.00190	9.00	210.00	0.00171
11.00	210.00	0.00167	13.00	210.00	0.00163
15.00	210.00	0.00158	17.00	210.00	0.00154
20.00	210.00	0.00148	25.00	210.00	0.00138
30.00	210.00	0.00129	40.00	210.00	0.00114
50.00	210.00	0.00102	60.00	210.00	0.00093
70.00	210.00	0.00084	80.00	210.00	0.00076
90.00	210.00	0.00068	100.00	210.00	0.00062
-100.00	220.00	0.00066	-90.00	220.00	0.00077
-80.00	220.00	0.00089	-70.00	220.00	0.00103
-60.00	220.00	0.00118	-50.00	220.00	0.00133
-40.00	220.00	0.00148	-30.00	220.00	0.00159
-25.00	220.00	0.00162	-20.00	220.00	0.00164
-17.00	220.00	0.00164	-15.00	220.00	0.00164
-13.00	220.00	0.00164	-11.00	220.00	0.00163
-9.00	220.00	0.00163	9.00	220.00	0.00148
11.00	220.00	0.00145	13.00	220.00	0.00142
15.00	220.00	0.00139	17.00	220.00	0.00135
20.00	220.00	0.00130	25.00	220.00	0.00122
30.00	220.00	0.00115	40.00	220.00	0.00102
50.00	220.00	0.00092	60.00	220.00	0.00084
70.00	220.00	0.00076	80.00	220.00	0.00070
90.00	220.00	0.00063	100.00	220.00	0.00058

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

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
-100.00	230.00	0.00065	-90.00	230.00	0.00075
-80.00	230.00	0.00085	-70.00	230.00	0.00097
-60.00	230.00	0.00109	-50.00	230.00	0.00121
-40.00	230.00	0.00132	-30.00	230.00	0.00140
-25.00	230.00	0.00142	-20.00	230.00	0.00142
-17.00	230.00	0.00142	-15.00	230.00	0.00142
-13.00	230.00	0.00142	-11.00	230.00	0.00141
-9.00	230.00	0.00141	9.00	230.00	0.00129
11.00	230.00	0.00127	13.00	230.00	0.00125
15.00	230.00	0.00122	17.00	230.00	0.00119
20.00	230.00	0.00115	25.00	230.00	0.00109
30.00	230.00	0.00102	40.00	230.00	0.00092
50.00	230.00	0.00083	60.00	230.00	0.00076
70.00	230.00	0.00070	80.00	230.00	0.00064
90.00	230.00	0.00059	100.00	230.00	0.00054
-100.00	240.00	0.00063	-90.00	240.00	0.00071
-80.00	240.00	0.00081	-70.00	240.00	0.00090
-60.00	240.00	0.00100	-50.00	240.00	0.00110
-40.00	240.00	0.00119	-30.00	240.00	0.00124
-25.00	240.00	0.00125	-20.00	240.00	0.00125
-17.00	240.00	0.00125	-15.00	240.00	0.00124
-13.00	240.00	0.00124	-11.00	240.00	0.00124
-9.00	240.00	0.00123	9.00	240.00	0.00114
11.00	240.00	0.00112	13.00	240.00	0.00110
15.00	240.00	0.00108	17.00	240.00	0.00106
20.00	240.00	0.00103	25.00	240.00	0.00097
30.00	240.00	0.00092	40.00	240.00	0.00083
50.00	240.00	0.00075	60.00	240.00	0.00069
70.00	240.00	0.00064	80.00	240.00	0.00059
90.00	240.00	0.00054	100.00	240.00	0.00050
-100.00	250.00	0.00061	-90.00	250.00	0.00068
-80.00	250.00	0.00076	-70.00	250.00	0.00084
-60.00	250.00	0.00093	-50.00	250.00	0.00101
-40.00	250.00	0.00107	-30.00	250.00	0.00110
-25.00	250.00	0.00110	-20.00	250.00	0.00110
-17.00	250.00	0.00110	-15.00	250.00	0.00110
-13.00	250.00	0.00110	-11.00	250.00	0.00109
-9.00	250.00	0.00109	9.00	250.00	0.00101
11.00	250.00	0.00100	13.00	250.00	0.00098
15.00	250.00	0.00097	17.00	250.00	0.00095

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	250.00	0.00092	25.00	250.00	0.00088
30.00	250.00	0.00083	40.00	250.00	0.00075
50.00	250.00	0.00069	60.00	250.00	0.00063
70.00	250.00	0.00058	80.00	250.00	0.00054
90.00	250.00	0.00050	100.00	250.00	0.00047

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

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

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00008	-90.00	-250.00	0.00009
-80.00	-250.00	0.00009	-70.00	-250.00	0.00009
-60.00	-250.00	0.00010	-50.00	-250.00	0.00010
-40.00	-250.00	0.00010	-30.00	-250.00	0.00011
-25.00	-250.00	0.00011	-20.00	-250.00	0.00012
-17.00	-250.00	0.00012	-15.00	-250.00	0.00013
-13.00	-250.00	0.00013	-11.00	-250.00	0.00013
-9.00	-250.00	0.00013	9.00	-250.00	0.00015
11.00	-250.00	0.00016	13.00	-250.00	0.00016
15.00	-250.00	0.00016	17.00	-250.00	0.00016
20.00	-250.00	0.00016	25.00	-250.00	0.00017
30.00	-250.00	0.00017	40.00	-250.00	0.00017
50.00	-250.00	0.00018	60.00	-250.00	0.00019
70.00	-250.00	0.00019	80.00	-250.00	0.00019
90.00	-250.00	0.00020	100.00	-250.00	0.00020
-100.00	-240.00	0.00009	-90.00	-240.00	0.00009
-80.00	-240.00	0.00010	-70.00	-240.00	0.00010
-60.00	-240.00	0.00010	-50.00	-240.00	0.00011
-40.00	-240.00	0.00011	-30.00	-240.00	0.00012
-25.00	-240.00	0.00012	-20.00	-240.00	0.00013
-17.00	-240.00	0.00013	-15.00	-240.00	0.00013
-13.00	-240.00	0.00014	-11.00	-240.00	0.00014
-9.00	-240.00	0.00014	9.00	-240.00	0.00017



10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
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	0.00018	25.00	-240.00	0.00018
30.00	-240.00	0.00018	40.00	-240.00	0.00019
50.00	-240.00	0.00020	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	0.00022
-100.00	-230.00	0.00009	-90.00	-230.00	0.00010
-80.00	-230.00	0.00010	-70.00	-230.00	0.00011
-60.00	-230.00	0.00011	-50.00	-230.00	0.00011
-40.00	-230.00	0.00012	-30.00	-230.00	0.00013
-25.00	-230.00	0.00013	-20.00	-230.00	0.00014
-17.00	-230.00	0.00014	-15.00	-230.00	0.00014
-13.00	-230.00	0.00015	-11.00	-230.00	0.00015
-9.00	-230.00	0.00015	9.00	-230.00	0.00018
11.00	-230.00	0.00018	13.00	-230.00	0.00018
15.00	-230.00	0.00019	17.00	-230.00	0.00019

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\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
50.00	-220.00	0.00023	60.00	-220.00	0.00024	
70.00	-220.00	0.00025	80.00	-220.00	0.00025	
90.00	-220.00	0.00025	100.00	-220.00	0.00025	
-100.00	-210.00	0.00011	-90.00	-210.00	0.00011	
-80.00	-210.00	0.00012	-70.00	-210.00	0.00012	
-60.00	-210.00	0.00013	-50.00	-210.00	0.00013	
-40.00	-210.00	0.00014	-30.00	-210.00	0.00014	
-25.00	-210.00	0.00015	-20.00	-210.00	0.00016	
-17.00	-210.00	0.00016	-15.00	-210.00	0.00017	
-13.00	-210.00	0.00017	-11.00	-210.00	0.00018	
-9.00	-210.00	0.00018	9.00	-210.00	0.00021	
11.00	-210.00	0.00022	13.00	-210.00	0.00022	
15.00	-210.00	0.00022	17.00	-210.00	0.00022	
20.00	-210.00	0.00023	25.00	-210.00	0.00023	
30.00	-210.00	0.00024	40.00	-210.00	0.00025	
50.00	-210.00	0.00026	60.00	-210.00	0.00026	
70.00	-210.00	0.00027	80.00	-210.00	0.00027	
90.00	-210.00	0.00028	100.00	-210.00	0.00028	
-100.00	-200.00	0.00011	-90.00	-200.00	0.00012	
-80.00	-200.00	0.00013	-70.00	-200.00	0.00013	
-60.00	-200.00	0.00014	-50.00	-200.00	0.00014	
-40.00	-200.00	0.00015	-30.00	-200.00	0.00016	
-25.00	-200.00	0.00016	-20.00	-200.00	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\_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	0.00018	-15.00	-200.00	0.00018
-13.00	-200.00	0.00019	-11.00	-200.00	0.00019
-9.00	-200.00	0.00020	9.00	-200.00	0.00023
11.00	-200.00	0.00024	13.00	-200.00	0.00024
15.00	-200.00	0.00024	17.00	-200.00	0.00025
20.00	-200.00	0.00025	25.00	-200.00	0.00026
30.00	-200.00	0.00026	40.00	-200.00	0.00027
50.00	-200.00	0.00028	60.00	-200.00	0.00029
70.00	-200.00	0.00030	80.00	-200.00	0.00030
90.00	-200.00	0.00030	100.00	-200.00	0.00031
-100.00	-190.00	0.00012	-90.00	-190.00	0.00013

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-80.00	-190.00	0.00014	-70.00	-190.00	0.00014	
-60.00	-190.00	0.00015	-50.00	-190.00	0.00016	
-40.00	-190.00	0.00016	-30.00	-190.00	0.00017	
-25.00	-190.00	0.00018	-20.00	-190.00	0.00019	
-17.00	-190.00	0.00019	-15.00	-190.00	0.00020	
-13.00	-190.00	0.00020	-11.00	-190.00	0.00021	
-9.00	-190.00	0.00021	9.00	-190.00	0.00026	
11.00	-190.00	0.00026	13.00	-190.00	0.00027	
15.00	-190.00	0.00027	17.00	-190.00	0.00027	
20.00	-190.00	0.00028	25.00	-190.00	0.00028	
30.00	-190.00	0.00029	40.00	-190.00	0.00030	
50.00	-190.00	0.00032	60.00	-190.00	0.00032	
70.00	-190.00	0.00033	80.00	-190.00	0.00033	
90.00	-190.00	0.00034	100.00	-190.00	0.00034	
-100.00	-180.00	0.00012	-90.00	-180.00	0.00013	
-80.00	-180.00	0.00014	-70.00	-180.00	0.00016	
-60.00	-180.00	0.00016	-50.00	-180.00	0.00017	
-40.00	-180.00	0.00018	-30.00	-180.00	0.00019	
-25.00	-180.00	0.00019	-20.00	-180.00	0.00020	
-17.00	-180.00	0.00021	-15.00	-180.00	0.00022	
-13.00	-180.00	0.00022	-11.00	-180.00	0.00023	
-9.00	-180.00	0.00023	9.00	-180.00	0.00029	
11.00	-180.00	0.00029	13.00	-180.00	0.00030	
15.00	-180.00	0.00030	17.00	-180.00	0.00030	
20.00	-180.00	0.00031	25.00	-180.00	0.00032	
30.00	-180.00	0.00032	40.00	-180.00	0.00034	
50.00	-180.00	0.00035	60.00	-180.00	0.00036	
70.00	-180.00	0.00037	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      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00013	-90.00	-170.00	0.00014
-80.00	-170.00	0.00015	-70.00	-170.00	0.00017
-60.00	-170.00	0.00018	-50.00	-170.00	0.00019
-40.00	-170.00	0.00019	-30.00	-170.00	0.00020
-25.00	-170.00	0.00021	-20.00	-170.00	0.00022

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
-17.00	-170.00	0.00023	-15.00	-170.00	0.00024
-13.00	-170.00	0.00024	-11.00	-170.00	0.00025
-9.00	-170.00	0.00026	9.00	-170.00	0.00032
11.00	-170.00	0.00033	13.00	-170.00	0.00033
15.00	-170.00	0.00033	17.00	-170.00	0.00034
20.00	-170.00	0.00034	25.00	-170.00	0.00035
30.00	-170.00	0.00036	40.00	-170.00	0.00038
50.00	-170.00	0.00040	60.00	-170.00	0.00041
70.00	-170.00	0.00041	80.00	-170.00	0.00041
90.00	-170.00	0.00042	100.00	-170.00	0.00041
-100.00	-160.00	0.00013	-90.00	-160.00	0.00015
-80.00	-160.00	0.00016	-70.00	-160.00	0.00018
-60.00	-160.00	0.00019	-50.00	-160.00	0.00021
-40.00	-160.00	0.00022	-30.00	-160.00	0.00023
-25.00	-160.00	0.00023	-20.00	-160.00	0.00025
-17.00	-160.00	0.00026	-15.00	-160.00	0.00026
-13.00	-160.00	0.00027	-11.00	-160.00	0.00028
-9.00	-160.00	0.00029	9.00	-160.00	0.00036
11.00	-160.00	0.00037	13.00	-160.00	0.00037
15.00	-160.00	0.00038	17.00	-160.00	0.00038
20.00	-160.00	0.00039	25.00	-160.00	0.00040
30.00	-160.00	0.00041	40.00	-160.00	0.00043
50.00	-160.00	0.00045	60.00	-160.00	0.00046
70.00	-160.00	0.00046	80.00	-160.00	0.00047
90.00	-160.00	0.00047	100.00	-160.00	0.00046
-100.00	-150.00	0.00014	-90.00	-150.00	0.00016
-80.00	-150.00	0.00017	-70.00	-150.00	0.00019
-60.00	-150.00	0.00021	-50.00	-150.00	0.00023
-40.00	-150.00	0.00024	-30.00	-150.00	0.00025
-25.00	-150.00	0.00026	-20.00	-150.00	0.00027
-17.00	-150.00	0.00028	-15.00	-150.00	0.00029
-13.00	-150.00	0.00030	-11.00	-150.00	0.00031
-9.00	-150.00	0.00032	9.00	-150.00	0.00041
11.00	-150.00	0.00041	13.00	-150.00	0.00042
15.00	-150.00	0.00043	17.00	-150.00	0.00043

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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
  
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URBAN FLAT FLGPOL DFAULT
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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
  
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10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-150.00	0.00044	25.00	-150.00	0.00045
30.00	-150.00	0.00047	40.00	-150.00	0.00049
50.00	-150.00	0.00051	60.00	-150.00	0.00052
70.00	-150.00	0.00052	80.00	-150.00	0.00053
90.00	-150.00	0.00052	100.00	-150.00	0.00051
-100.00	-140.00	0.00015	-90.00	-140.00	0.00017
-80.00	-140.00	0.00019	-70.00	-140.00	0.00021
-60.00	-140.00	0.00023	-50.00	-140.00	0.00025
-40.00	-140.00	0.00027	-30.00	-140.00	0.00028
-25.00	-140.00	0.00029	-20.00	-140.00	0.00030
-17.00	-140.00	0.00032	-15.00	-140.00	0.00033
-13.00	-140.00	0.00034	-11.00	-140.00	0.00035
-9.00	-140.00	0.00036	9.00	-140.00	0.00047
11.00	-140.00	0.00047	13.00	-140.00	0.00048
15.00	-140.00	0.00049	17.00	-140.00	0.00050
20.00	-140.00	0.00051	25.00	-140.00	0.00052
30.00	-140.00	0.00054	40.00	-140.00	0.00057
50.00	-140.00	0.00058	60.00	-140.00	0.00059
70.00	-140.00	0.00060	80.00	-140.00	0.00060
90.00	-140.00	0.00059	100.00	-140.00	0.00057
-100.00	-130.00	0.00016	-90.00	-130.00	0.00018
-80.00	-130.00	0.00020	-70.00	-130.00	0.00022
-60.00	-130.00	0.00025	-50.00	-130.00	0.00028
-40.00	-130.00	0.00030	-30.00	-130.00	0.00032
-25.00	-130.00	0.00033	-20.00	-130.00	0.00034
-17.00	-130.00	0.00036	-15.00	-130.00	0.00037
-13.00	-130.00	0.00038	-11.00	-130.00	0.00039
-9.00	-130.00	0.00040	9.00	-130.00	0.00054
11.00	-130.00	0.00055	13.00	-130.00	0.00056
15.00	-130.00	0.00056	17.00	-130.00	0.00057
20.00	-130.00	0.00059	25.00	-130.00	0.00061
30.00	-130.00	0.00063	40.00	-130.00	0.00066
50.00	-130.00	0.00068	60.00	-130.00	0.00069
70.00	-130.00	0.00069	80.00	-130.00	0.00068
90.00	-130.00	0.00065	100.00	-130.00	0.00063
-100.00	-120.00	0.00016	-90.00	-120.00	0.00019
-80.00	-120.00	0.00021	-70.00	-120.00	0.00024
-60.00	-120.00	0.00027	-50.00	-120.00	0.00030
-40.00	-120.00	0.00034	-30.00	-120.00	0.00036
-25.00	-120.00	0.00037	-20.00	-120.00	0.00039

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\_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	0.00040	-15.00	-120.00	0.00041	
-13.00	-120.00	0.00043	-11.00	-120.00	0.00044	
-9.00	-120.00	0.00046	9.00	-120.00	0.00062	
11.00	-120.00	0.00064	13.00	-120.00	0.00065	
15.00	-120.00	0.00066	17.00	-120.00	0.00067	
20.00	-120.00	0.00069	25.00	-120.00	0.00071	
30.00	-120.00	0.00074	40.00	-120.00	0.00077	
50.00	-120.00	0.00079	60.00	-120.00	0.00080	
70.00	-120.00	0.00079	80.00	-120.00	0.00076	
90.00	-120.00	0.00073	100.00	-120.00	0.00069	
-100.00	-110.00	0.00017	-90.00	-110.00	0.00019	
-80.00	-110.00	0.00022	-70.00	-110.00	0.00025	
-60.00	-110.00	0.00029	-50.00	-110.00	0.00033	
-40.00	-110.00	0.00038	-30.00	-110.00	0.00041	
-25.00	-110.00	0.00043	-20.00	-110.00	0.00045	
-17.00	-110.00	0.00046	-15.00	-110.00	0.00047	
-13.00	-110.00	0.00049	-11.00	-110.00	0.00050	
-9.00	-110.00	0.00052	9.00	-110.00	0.00073	
11.00	-110.00	0.00075	13.00	-110.00	0.00076	
15.00	-110.00	0.00078	17.00	-110.00	0.00079	
20.00	-110.00	0.00082	25.00	-110.00	0.00085	
30.00	-110.00	0.00088	40.00	-110.00	0.00092	
50.00	-110.00	0.00094	60.00	-110.00	0.00093	
70.00	-110.00	0.00090	80.00	-110.00	0.00086	
90.00	-110.00	0.00081	100.00	-110.00	0.00075	
-100.00	-100.00	0.00018	-90.00	-100.00	0.00021	
-80.00	-100.00	0.00023	-70.00	-100.00	0.00027	
-60.00	-100.00	0.00031	-50.00	-100.00	0.00036	
-40.00	-100.00	0.00042	-30.00	-100.00	0.00047	
-25.00	-100.00	0.00049	-20.00	-100.00	0.00051	
-17.00	-100.00	0.00053	-15.00	-100.00	0.00054	
-13.00	-100.00	0.00056	-11.00	-100.00	0.00058	
-9.00	-100.00	0.00060	9.00	-100.00	0.00087	
11.00	-100.00	0.00090	13.00	-100.00	0.00092	
15.00	-100.00	0.00094	17.00	-100.00	0.00096	
20.00	-100.00	0.00098	25.00	-100.00	0.00103	
30.00	-100.00	0.00106	40.00	-100.00	0.00110	

50.00	-100.00	10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound 0.00111	60.00	-100.00	0.00108
70.00	-100.00	0.00103	80.00	-100.00	0.00096
90.00	-100.00	0.00089	100.00	-100.00	0.00082

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

\*\*\* 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	0.00019	-90.00	-90.00	0.00022
-80.00	-90.00	0.00025	-70.00	-90.00	0.00029
-60.00	-90.00	0.00034	-50.00	-90.00	0.00039
-40.00	-90.00	0.00046	-30.00	-90.00	0.00053
-25.00	-90.00	0.00057	-20.00	-90.00	0.00060
-17.00	-90.00	0.00062	-15.00	-90.00	0.00063
-13.00	-90.00	0.00065	-11.00	-90.00	0.00067
-9.00	-90.00	0.00070	9.00	-90.00	0.00106
11.00	-90.00	0.00109	13.00	-90.00	0.00112
15.00	-90.00	0.00114	17.00	-90.00	0.00117
20.00	-90.00	0.00121	25.00	-90.00	0.00126
30.00	-90.00	0.00130	40.00	-90.00	0.00134
50.00	-90.00	0.00132	60.00	-90.00	0.00125
70.00	-90.00	0.00117	80.00	-90.00	0.00107
90.00	-90.00	0.00097	100.00	-90.00	0.00087
-100.00	-80.00	0.00020	-90.00	-80.00	0.00023
-80.00	-80.00	0.00026	-70.00	-80.00	0.00031
-60.00	-80.00	0.00036	-50.00	-80.00	0.00043
-40.00	-80.00	0.00051	-30.00	-80.00	0.00060
-25.00	-80.00	0.00065	-20.00	-80.00	0.00069
-17.00	-80.00	0.00072	-15.00	-80.00	0.00074
-13.00	-80.00	0.00076	-11.00	-80.00	0.00079
-9.00	-80.00	0.00082	9.00	-80.00	0.00130
11.00	-80.00	0.00135	13.00	-80.00	0.00139
15.00	-80.00	0.00143	17.00	-80.00	0.00147
20.00	-80.00	0.00152	25.00	-80.00	0.00159
30.00	-80.00	0.00163	40.00	-80.00	0.00163
50.00	-80.00	0.00155	60.00	-80.00	0.00143
70.00	-80.00	0.00130	80.00	-80.00	0.00117
90.00	-80.00	0.00104	100.00	-80.00	0.00093
-100.00	-70.00	0.00021	-90.00	-70.00	0.00024

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-80.00	-70.00	0.00028	-70.00	-70.00	0.00032	
-60.00	-70.00	0.00038	-50.00	-70.00	0.00046	
-40.00	-70.00	0.00055	-30.00	-70.00	0.00066	
-25.00	-70.00	0.00073	-20.00	-70.00	0.00079	
-17.00	-70.00	0.00083	-15.00	-70.00	0.00086	
-13.00	-70.00	0.00089	-11.00	-70.00	0.00092	
-9.00	-70.00	0.00096	9.00	-70.00	0.00165	
11.00	-70.00	0.00172	13.00	-70.00	0.00178	
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      \*\*\*

18:56:35

\*\*MODELOPTs:  
 PAGE 70

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00196	25.00	-70.00	0.00202
30.00	-70.00	0.00203	40.00	-70.00	0.00195
50.00	-70.00	0.00179	60.00	-70.00	0.00161
70.00	-70.00	0.00143	80.00	-70.00	0.00126
90.00	-70.00	0.00111	100.00	-70.00	0.00097
-100.00	-60.00	0.00022	-90.00	-60.00	0.00025
-80.00	-60.00	0.00029	-70.00	-60.00	0.00034
-60.00	-60.00	0.00041	-50.00	-60.00	0.00049
-40.00	-60.00	0.00060	-30.00	-60.00	0.00073
-25.00	-60.00	0.00081	-20.00	-60.00	0.00089
-17.00	-60.00	0.00095	-15.00	-60.00	0.00099
-13.00	-60.00	0.00104	-11.00	-60.00	0.00108
-9.00	-60.00	0.00114	9.00	-60.00	0.00220
11.00	-60.00	0.00230	13.00	-60.00	0.00239
15.00	-60.00	0.00245	17.00	-60.00	0.00250
20.00	-60.00	0.00254	25.00	-60.00	0.00254
30.00	-60.00	0.00247	40.00	-60.00	0.00226
50.00	-60.00	0.00201	60.00	-60.00	0.00177
70.00	-60.00	0.00154	80.00	-60.00	0.00134
90.00	-60.00	0.00116	100.00	-60.00	0.00101
-100.00	-50.00	0.00023	-90.00	-50.00	0.00027
-80.00	-50.00	0.00031	-70.00	-50.00	0.00037
-60.00	-50.00	0.00044	-50.00	-50.00	0.00053
-40.00	-50.00	0.00065	-30.00	-50.00	0.00080
-25.00	-50.00	0.00089	-20.00	-50.00	0.00099



10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-17.00	-50.00	0.00106	-15.00	-50.00	0.00112	
-13.00	-50.00	0.00118	-11.00	-50.00	0.00125	
-9.00	-50.00	0.00134	9.00	-50.00	0.00317	
11.00	-50.00	0.00321	13.00	-50.00	0.00323	
15.00	-50.00	0.00322	17.00	-50.00	0.00320	
20.00	-50.00	0.00314	25.00	-50.00	0.00302	
30.00	-50.00	0.00287	40.00	-50.00	0.00255	
50.00	-50.00	0.00222	60.00	-50.00	0.00191	
70.00	-50.00	0.00164	80.00	-50.00	0.00140	
90.00	-50.00	0.00120	100.00	-50.00	0.00104	
-100.00	-40.00	0.00025	-90.00	-40.00	0.00028	
-80.00	-40.00	0.00033	-70.00	-40.00	0.00039	
-60.00	-40.00	0.00047	-50.00	-40.00	0.00057	
-40.00	-40.00	0.00071	-30.00	-40.00	0.00088	
-25.00	-40.00	0.00099	-20.00	-40.00	0.00112	

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

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

18:56:35

\*\*MODELOPTs:  
 PAGE 71

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00121	-15.00	-40.00	0.00128
-13.00	-40.00	0.00137	-11.00	-40.00	0.00148
-9.00	-40.00	0.00165	9.00	-40.00	0.00435
11.00	-40.00	0.00417	13.00	-40.00	0.00404
15.00	-40.00	0.00393	17.00	-40.00	0.00383
20.00	-40.00	0.00369	25.00	-40.00	0.00345
30.00	-40.00	0.00322	40.00	-40.00	0.00278
50.00	-40.00	0.00237	60.00	-40.00	0.00201
70.00	-40.00	0.00170	80.00	-40.00	0.00144
90.00	-40.00	0.00123	100.00	-40.00	0.00105
-100.00	-30.00	0.00026	-90.00	-30.00	0.00030
-80.00	-30.00	0.00035	-70.00	-30.00	0.00042
-60.00	-30.00	0.00050	-50.00	-30.00	0.00062
-40.00	-30.00	0.00077	-30.00	-30.00	0.00098
-25.00	-30.00	0.00114	-20.00	-30.00	0.00136
-17.00	-30.00	0.00156	-15.00	-30.00	0.00174
-13.00	-30.00	0.00198	-11.00	-30.00	0.00232
-9.00	-30.00	0.00279	9.00	-30.00	0.00561
11.00	-30.00	0.00527	13.00	-30.00	0.00499

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-30.00	0.00477	17.00	-30.00	0.00458
20.00	-30.00	0.00432	25.00	-30.00	0.00394
30.00	-30.00	0.00361	40.00	-30.00	0.00303
50.00	-30.00	0.00252	60.00	-30.00	0.00210
70.00	-30.00	0.00175	80.00	-30.00	0.00147
90.00	-30.00	0.00124	100.00	-30.00	0.00106
-100.00	-20.00	0.00027	-90.00	-20.00	0.00031
-80.00	-20.00	0.00037	-70.00	-20.00	0.00044
-60.00	-20.00	0.00054	-50.00	-20.00	0.00067
-40.00	-20.00	0.00086	-30.00	-20.00	0.00120
-25.00	-20.00	0.00148	-20.00	-20.00	0.00192
-17.00	-20.00	0.00230	-15.00	-20.00	0.00262
-13.00	-20.00	0.00300	-11.00	-20.00	0.00349
-9.00	-20.00	0.00411	9.00	-20.00	0.00661
11.00	-20.00	0.00617	13.00	-20.00	0.00582
15.00	-20.00	0.00551	17.00	-20.00	0.00525
20.00	-20.00	0.00489	25.00	-20.00	0.00439
30.00	-20.00	0.00396	40.00	-20.00	0.00325
50.00	-20.00	0.00265	60.00	-20.00	0.00217
70.00	-20.00	0.00179	80.00	-20.00	0.00149
90.00	-20.00	0.00125	100.00	-20.00	0.00106

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

18:56:35  
 \*\*MODELOPTs:  
 PAGE 72  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00028	-90.00	-10.00	0.00033
-80.00	-10.00	0.00039	-70.00	-10.00	0.00048
-60.00	-10.00	0.00059	-50.00	-10.00	0.00076
-40.00	-10.00	0.00104	-30.00	-10.00	0.00156
-25.00	-10.00	0.00199	-20.00	-10.00	0.00260
-17.00	-10.00	0.00309	-15.00	-10.00	0.00348
-13.00	-10.00	0.00395	-11.00	-10.00	0.00450
-9.00	-10.00	0.00518	9.00	-10.00	0.00732
11.00	-10.00	0.00682	13.00	-10.00	0.00640
15.00	-10.00	0.00605	17.00	-10.00	0.00574
20.00	-10.00	0.00532	25.00	-10.00	0.00472
30.00	-10.00	0.00421	40.00	-10.00	0.00338
50.00	-10.00	0.00272	60.00	-10.00	0.00221

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
70.00	-10.00	0.00181	80.00	-10.00	0.00150	
90.00	-10.00	0.00126	100.00	-10.00	0.00107	
-100.00	0.00	0.00029	-90.00	0.00	0.00035	
-80.00	0.00	0.00042	-70.00	0.00	0.00052	
-60.00	0.00	0.00067	-50.00	0.00	0.00089	
-40.00	0.00	0.00128	-30.00	0.00	0.00196	
-25.00	0.00	0.00249	-20.00	0.00	0.00320	
-17.00	0.00	0.00376	-15.00	0.00	0.00420	
-13.00	0.00	0.00470	-11.00	0.00	0.00528	
-9.00	0.00	0.00598	9.00	0.00	0.00781	
11.00	0.00	0.00725	13.00	0.00	0.00678	
15.00	0.00	0.00639	17.00	0.00	0.00604	
20.00	0.00	0.00557	25.00	0.00	0.00491	
30.00	0.00	0.00434	40.00	0.00	0.00342	
50.00	0.00	0.00273	60.00	0.00	0.00221	
70.00	0.00	0.00181	80.00	0.00	0.00150	
90.00	0.00	0.00125	100.00	0.00	0.00106	
-100.00	10.00	0.00031	-90.00	10.00	0.00037	
-80.00	10.00	0.00046	-70.00	10.00	0.00058	
-60.00	10.00	0.00077	-50.00	10.00	0.00107	
-40.00	10.00	0.00155	-30.00	10.00	0.00234	
-25.00	10.00	0.00292	-20.00	10.00	0.00369	
-17.00	10.00	0.00428	-15.00	10.00	0.00474	
-13.00	10.00	0.00526	-11.00	10.00	0.00585	
-9.00	10.00	0.00654	9.00	10.00	0.00810	
11.00	10.00	0.00748	13.00	10.00	0.00698	
15.00	10.00	0.00654	17.00	10.00	0.00615	

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

18:56:35

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

\*\*MODELOPTs:  
PAGE 73

CONC                    URBAN FLAT    FLGPOL DFAULT

\*\*\*                    \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00564	25.00	10.00	0.00492
30.00	10.00	0.00431	40.00	10.00	0.00337
50.00	10.00	0.00268	60.00	10.00	0.00216
70.00	10.00	0.00177	80.00	10.00	0.00148
90.00	10.00	0.00124	100.00	10.00	0.00106
-100.00	20.00	0.00033	-90.00	20.00	0.00041
-80.00	20.00	0.00051	-70.00	20.00	0.00066

10NCRA SR05-300_DPM_TRAV_ANN_N-S Bound						
-60.00	20.00	0.00089	-50.00	20.00	0.00125	
-40.00	20.00	0.00180	-30.00	20.00	0.00266	
-25.00	20.00	0.00328	-20.00	20.00	0.00408	
-17.00	20.00	0.00468	-15.00	20.00	0.00513	
-13.00	20.00	0.00565	-11.00	20.00	0.00623	
-9.00	20.00	0.00692	9.00	20.00	0.00816	
11.00	20.00	0.00749	13.00	20.00	0.00695	
15.00	20.00	0.00648	17.00	20.00	0.00606	
20.00	20.00	0.00550	25.00	20.00	0.00474	
30.00	20.00	0.00414	40.00	20.00	0.00323	
50.00	20.00	0.00258	60.00	20.00	0.00209	
70.00	20.00	0.00173	80.00	20.00	0.00144	
90.00	20.00	0.00122	100.00	20.00	0.00104	
-100.00	30.00	0.00036	-90.00	30.00	0.00045	
-80.00	30.00	0.00057	-70.00	30.00	0.00076	
-60.00	30.00	0.00102	-50.00	30.00	0.00142	
-40.00	30.00	0.00201	-30.00	30.00	0.00293	
-25.00	30.00	0.00357	-20.00	30.00	0.00438	
-17.00	30.00	0.00497	-15.00	30.00	0.00541	
-13.00	30.00	0.00591	-11.00	30.00	0.00648	
-9.00	30.00	0.00715	9.00	30.00	0.00795	
11.00	30.00	0.00721	13.00	30.00	0.00662	
15.00	30.00	0.00613	17.00	30.00	0.00570	
20.00	30.00	0.00516	25.00	30.00	0.00443	
30.00	30.00	0.00388	40.00	30.00	0.00305	
50.00	30.00	0.00246	60.00	30.00	0.00201	
70.00	30.00	0.00166	80.00	30.00	0.00139	
90.00	30.00	0.00118	100.00	30.00	0.00101	
-100.00	40.00	0.00039	-90.00	40.00	0.00050	
-80.00	40.00	0.00064	-70.00	40.00	0.00085	
-60.00	40.00	0.00114	-50.00	40.00	0.00157	
-40.00	40.00	0.00220	-30.00	40.00	0.00314	
-25.00	40.00	0.00378	-20.00	40.00	0.00459	

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

18:56:35  
 \*\*MODELOPTs:  
 PAGE 74

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S) :      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00517	-15.00	40.00	0.00560

10NCRA SR05-300_DPM_TRAV_ANN_N-S Bound					
-13.00	40.00	0.00608	-11.00	40.00	0.00663
-9.00	40.00	0.00727	9.00	40.00	0.00724
11.00	40.00	0.00654	13.00	40.00	0.00599
15.00	40.00	0.00556	17.00	40.00	0.00519
20.00	40.00	0.00472	25.00	40.00	0.00409
30.00	40.00	0.00359	40.00	40.00	0.00286
50.00	40.00	0.00232	60.00	40.00	0.00191
70.00	40.00	0.00159	80.00	40.00	0.00134
90.00	40.00	0.00114	100.00	40.00	0.00098
-100.00	50.00	0.00043	-90.00	50.00	0.00055
-80.00	50.00	0.00071	-70.00	50.00	0.00093
-60.00	50.00	0.00125	-50.00	50.00	0.00169
-40.00	50.00	0.00233	-30.00	50.00	0.00328
-25.00	50.00	0.00393	-20.00	50.00	0.00471
-17.00	50.00	0.00527	-15.00	50.00	0.00568
-13.00	50.00	0.00614	-11.00	50.00	0.00665
-9.00	50.00	0.00720	9.00	50.00	0.00620
11.00	50.00	0.00575	13.00	50.00	0.00535
15.00	50.00	0.00500	17.00	50.00	0.00469
20.00	50.00	0.00430	25.00	50.00	0.00375
30.00	50.00	0.00332	40.00	50.00	0.00267
50.00	50.00	0.00218	60.00	50.00	0.00181
70.00	50.00	0.00152	80.00	50.00	0.00129
90.00	50.00	0.00111	100.00	50.00	0.00096
-100.00	60.00	0.00047	-90.00	60.00	0.00060
-80.00	60.00	0.00078	-70.00	60.00	0.00101
-60.00	60.00	0.00134	-50.00	60.00	0.00179
-40.00	60.00	0.00244	-30.00	60.00	0.00337
-25.00	60.00	0.00397	-20.00	60.00	0.00466
-17.00	60.00	0.00511	-15.00	60.00	0.00542
-13.00	60.00	0.00572	-11.00	60.00	0.00600
-9.00	60.00	0.00624	9.00	60.00	0.00501
11.00	60.00	0.00473	13.00	60.00	0.00447
15.00	60.00	0.00424	17.00	60.00	0.00402
20.00	60.00	0.00372	25.00	60.00	0.00331
30.00	60.00	0.00295	40.00	60.00	0.00242
50.00	60.00	0.00201	60.00	60.00	0.00169
70.00	60.00	0.00144	80.00	60.00	0.00123
90.00	60.00	0.00106	100.00	60.00	0.00092

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

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

18:56:35  
\*\*MODELOPTs:  
PAGE 75

CONC URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00052	-90.00	70.00	0.00065
-80.00	70.00	0.00084	-70.00	70.00	0.00108
-60.00	70.00	0.00141	-50.00	70.00	0.00186
-40.00	70.00	0.00248	-30.00	70.00	0.00330
-25.00	70.00	0.00376	-20.00	70.00	0.00424
-17.00	70.00	0.00451	-15.00	70.00	0.00468
-13.00	70.00	0.00483	-11.00	70.00	0.00495
-9.00	70.00	0.00503	9.00	70.00	0.00406
11.00	70.00	0.00387	13.00	70.00	0.00368
15.00	70.00	0.00352	17.00	70.00	0.00336
20.00	70.00	0.00315	25.00	70.00	0.00284
30.00	70.00	0.00258	40.00	70.00	0.00215
50.00	70.00	0.00181	60.00	70.00	0.00154
70.00	70.00	0.00133	80.00	70.00	0.00115
90.00	70.00	0.00100	100.00	70.00	0.00088
-100.00	80.00	0.00056	-90.00	80.00	0.00070
-80.00	80.00	0.00089	-70.00	80.00	0.00113
-60.00	80.00	0.00145	-50.00	80.00	0.00188
-40.00	80.00	0.00241	-30.00	80.00	0.00304
-25.00	80.00	0.00336	-20.00	80.00	0.00366
-17.00	80.00	0.00381	-15.00	80.00	0.00390
-13.00	80.00	0.00397	-11.00	80.00	0.00401
-9.00	80.00	0.00404	9.00	80.00	0.00334
11.00	80.00	0.00320	13.00	80.00	0.00306
15.00	80.00	0.00294	17.00	80.00	0.00282
20.00	80.00	0.00266	25.00	80.00	0.00243
30.00	80.00	0.00223	40.00	80.00	0.00189
50.00	80.00	0.00162	60.00	80.00	0.00140
70.00	80.00	0.00121	80.00	80.00	0.00106
90.00	80.00	0.00093	100.00	80.00	0.00083
-100.00	90.00	0.00060	-90.00	90.00	0.00074
-80.00	90.00	0.00093	-70.00	90.00	0.00116
-60.00	90.00	0.00146	-50.00	90.00	0.00183
-40.00	90.00	0.00225	-30.00	90.00	0.00271
-25.00	90.00	0.00292	-20.00	90.00	0.00311
-17.00	90.00	0.00319	-15.00	90.00	0.00323
-13.00	90.00	0.00325	-11.00	90.00	0.00327
-9.00	90.00	0.00327	9.00	90.00	0.00278
11.00	90.00	0.00268	13.00	90.00	0.00258

15.00 90.00 10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound 0.00248 17.00 90.00 0.00239

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

18:56:35  
 \*\*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	0.00226	25.00	90.00	0.00208
30.00	90.00	0.00192	40.00	90.00	0.00166
50.00	90.00	0.00144	60.00	90.00	0.00126
70.00	90.00	0.00111	80.00	90.00	0.00098
90.00	90.00	0.00087	100.00	90.00	0.00077
-100.00	100.00	0.00063	-90.00	100.00	0.00077
-80.00	100.00	0.00095	-70.00	100.00	0.00116
-60.00	100.00	0.00142	-50.00	100.00	0.00172
-40.00	100.00	0.00205	-30.00	100.00	0.00238
-25.00	100.00	0.00252	-20.00	100.00	0.00263
-17.00	100.00	0.00267	-15.00	100.00	0.00268
-13.00	100.00	0.00269	-11.00	100.00	0.00269
-9.00	100.00	0.00269	9.00	100.00	0.00234
11.00	100.00	0.00227	13.00	100.00	0.00219
15.00	100.00	0.00212	17.00	100.00	0.00205
20.00	100.00	0.00195	25.00	100.00	0.00180
30.00	100.00	0.00167	40.00	100.00	0.00146
50.00	100.00	0.00129	60.00	100.00	0.00114
70.00	100.00	0.00101	80.00	100.00	0.00090
90.00	100.00	0.00080	100.00	100.00	0.00072
-100.00	110.00	0.00065	-90.00	110.00	0.00078
-80.00	110.00	0.00095	-70.00	110.00	0.00114
-60.00	110.00	0.00135	-50.00	110.00	0.00159
-40.00	110.00	0.00185	-30.00	110.00	0.00208
-25.00	110.00	0.00217	-20.00	110.00	0.00223
-17.00	110.00	0.00225	-15.00	110.00	0.00225
-13.00	110.00	0.00225	-11.00	110.00	0.00225
-9.00	110.00	0.00224	9.00	110.00	0.00199
11.00	110.00	0.00193	13.00	110.00	0.00188
15.00	110.00	0.00182	17.00	110.00	0.00177
20.00	110.00	0.00169	25.00	110.00	0.00157
30.00	110.00	0.00146	40.00	110.00	0.00129
50.00	110.00	0.00115	60.00	110.00	0.00103

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
70.00	110.00	0.00092	80.00	110.00	0.00082	
90.00	110.00	0.00074	100.00	110.00	0.00067	
-100.00	120.00	0.00066	-90.00	120.00	0.00078	
-80.00	120.00	0.00093	-70.00	120.00	0.00109	
-60.00	120.00	0.00127	-50.00	120.00	0.00146	
-40.00	120.00	0.00165	-30.00	120.00	0.00182	
-25.00	120.00	0.00187	-20.00	120.00	0.00190	

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

18:56:35  
 \*\*MODELOPTs:  
 PAGE 77  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3      **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	120.00	0.00191	-15.00	120.00	0.00191	
-13.00	120.00	0.00191	-11.00	120.00	0.00190	
-9.00	120.00	0.00190	9.00	120.00	0.00171	
11.00	120.00	0.00167	13.00	120.00	0.00163	
15.00	120.00	0.00158	17.00	120.00	0.00154	
20.00	120.00	0.00148	25.00	120.00	0.00138	
30.00	120.00	0.00129	40.00	120.00	0.00114	
50.00	120.00	0.00102	60.00	120.00	0.00093	
70.00	120.00	0.00084	80.00	120.00	0.00076	
90.00	120.00	0.00068	100.00	120.00	0.00062	
-100.00	130.00	0.00066	-90.00	130.00	0.00077	
-80.00	130.00	0.00089	-70.00	130.00	0.00103	
-60.00	130.00	0.00118	-50.00	130.00	0.00133	
-40.00	130.00	0.00148	-30.00	130.00	0.00159	
-25.00	130.00	0.00162	-20.00	130.00	0.00164	
-17.00	130.00	0.00164	-15.00	130.00	0.00164	
-13.00	130.00	0.00164	-11.00	130.00	0.00163	
-9.00	130.00	0.00163	9.00	130.00	0.00148	
11.00	130.00	0.00145	13.00	130.00	0.00142	
15.00	130.00	0.00139	17.00	130.00	0.00135	
20.00	130.00	0.00130	25.00	130.00	0.00122	
30.00	130.00	0.00115	40.00	130.00	0.00102	
50.00	130.00	0.00092	60.00	130.00	0.00084	
70.00	130.00	0.00076	80.00	130.00	0.00070	
90.00	130.00	0.00063	100.00	130.00	0.00058	
-100.00	140.00	0.00065	-90.00	140.00	0.00075	
-80.00	140.00	0.00085	-70.00	140.00	0.00097	



10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-60.00	140.00	0.00109	-50.00	140.00	0.00121	
-40.00	140.00	0.00132	-30.00	140.00	0.00140	
-25.00	140.00	0.00142	-20.00	140.00	0.00142	
-17.00	140.00	0.00142	-15.00	140.00	0.00142	
-13.00	140.00	0.00142	-11.00	140.00	0.00141	
-9.00	140.00	0.00141	9.00	140.00	0.00129	
11.00	140.00	0.00127	13.00	140.00	0.00125	
15.00	140.00	0.00122	17.00	140.00	0.00119	
20.00	140.00	0.00115	25.00	140.00	0.00109	
30.00	140.00	0.00102	40.00	140.00	0.00092	
50.00	140.00	0.00083	60.00	140.00	0.00076	
70.00	140.00	0.00070	80.00	140.00	0.00064	
90.00	140.00	0.00059	100.00	140.00	0.00054	

1 \*\*\* ICSST3 - 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\_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	0.00063	-90.00	150.00	0.00071	
-80.00	150.00	0.00081	-70.00	150.00	0.00090	
-60.00	150.00	0.00100	-50.00	150.00	0.00110	
-40.00	150.00	0.00119	-30.00	150.00	0.00124	
-25.00	150.00	0.00125	-20.00	150.00	0.00125	
-17.00	150.00	0.00125	-15.00	150.00	0.00124	
-13.00	150.00	0.00124	-11.00	150.00	0.00124	
-9.00	150.00	0.00123	9.00	150.00	0.00114	
11.00	150.00	0.00112	13.00	150.00	0.00110	
15.00	150.00	0.00108	17.00	150.00	0.00106	
20.00	150.00	0.00103	25.00	150.00	0.00097	
30.00	150.00	0.00092	40.00	150.00	0.00083	
50.00	150.00	0.00075	60.00	150.00	0.00069	
70.00	150.00	0.00064	80.00	150.00	0.00059	
90.00	150.00	0.00054	100.00	150.00	0.00050	
-100.00	160.00	0.00061	-90.00	160.00	0.00068	
-80.00	160.00	0.00076	-70.00	160.00	0.00084	
-60.00	160.00	0.00093	-50.00	160.00	0.00101	
-40.00	160.00	0.00107	-30.00	160.00	0.00110	
-25.00	160.00	0.00110	-20.00	160.00	0.00110	
-17.00	160.00	0.00110	-15.00	160.00	0.00110	

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-13.00	160.00	0.00110	-11.00	160.00	0.00109	
-9.00	160.00	0.00109	9.00	160.00	0.00101	
11.00	160.00	0.00100	13.00	160.00	0.00098	
15.00	160.00	0.00097	17.00	160.00	0.00095	
20.00	160.00	0.00092	25.00	160.00	0.00088	
30.00	160.00	0.00083	40.00	160.00	0.00075	
50.00	160.00	0.00069	60.00	160.00	0.00063	
70.00	160.00	0.00058	80.00	160.00	0.00054	
90.00	160.00	0.00050	100.00	160.00	0.00047	
-100.00	170.00	0.00058	-90.00	170.00	0.00065	
-80.00	170.00	0.00071	-70.00	170.00	0.00078	
-60.00	170.00	0.00085	-50.00	170.00	0.00092	
-40.00	170.00	0.00096	-30.00	170.00	0.00098	
-25.00	170.00	0.00098	-20.00	170.00	0.00098	
-17.00	170.00	0.00098	-15.00	170.00	0.00098	
-13.00	170.00	0.00097	-11.00	170.00	0.00097	
-9.00	170.00	0.00097	9.00	170.00	0.00090	
11.00	170.00	0.00089	13.00	170.00	0.00088	
15.00	170.00	0.00087	17.00	170.00	0.00085	

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 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	0.00083	25.00	170.00	0.00080
30.00	170.00	0.00076	40.00	170.00	0.00069
50.00	170.00	0.00063	60.00	170.00	0.00058
70.00	170.00	0.00054	80.00	170.00	0.00050
90.00	170.00	0.00047	100.00	170.00	0.00044
-100.00	180.00	0.00056	-90.00	180.00	0.00061
-80.00	180.00	0.00067	-70.00	180.00	0.00073
-60.00	180.00	0.00079	-50.00	180.00	0.00084
-40.00	180.00	0.00087	-30.00	180.00	0.00088
-25.00	180.00	0.00088	-20.00	180.00	0.00088
-17.00	180.00	0.00088	-15.00	180.00	0.00087
-13.00	180.00	0.00087	-11.00	180.00	0.00087
-9.00	180.00	0.00087	9.00	180.00	0.00081
11.00	180.00	0.00080	13.00	180.00	0.00079
15.00	180.00	0.00078	17.00	180.00	0.00077

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
20.00	180.00	0.00075	25.00	180.00	0.00072	
30.00	180.00	0.00069	40.00	180.00	0.00063	
50.00	180.00	0.00058	60.00	180.00	0.00053	
70.00	180.00	0.00050	80.00	180.00	0.00046	
90.00	180.00	0.00043	100.00	180.00	0.00041	
-100.00	190.00	0.00053	-90.00	190.00	0.00058	
-80.00	190.00	0.00063	-70.00	190.00	0.00068	
-60.00	190.00	0.00073	-50.00	190.00	0.00076	
-40.00	190.00	0.00079	-30.00	190.00	0.00079	
-25.00	190.00	0.00079	-20.00	190.00	0.00079	
-17.00	190.00	0.00079	-15.00	190.00	0.00079	
-13.00	190.00	0.00078	-11.00	190.00	0.00078	
-9.00	190.00	0.00078	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	0.00070	
20.00	190.00	0.00069	25.00	190.00	0.00066	
30.00	190.00	0.00063	40.00	190.00	0.00058	
50.00	190.00	0.00053	60.00	190.00	0.00049	
70.00	190.00	0.00046	80.00	190.00	0.00043	
90.00	190.00	0.00040	100.00	190.00	0.00038	
-100.00	200.00	0.00050	-90.00	200.00	0.00055	
-80.00	200.00	0.00059	-70.00	200.00	0.00063	
-60.00	200.00	0.00067	-50.00	200.00	0.00070	
-40.00	200.00	0.00072	-30.00	200.00	0.00072	
-25.00	200.00	0.00072	-20.00	200.00	0.00072	

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\_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	0.00071	-15.00	200.00	0.00071
-13.00	200.00	0.00071	-11.00	200.00	0.00071
-9.00	200.00	0.00071	9.00	200.00	0.00067
11.00	200.00	0.00066	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	0.00058	40.00	200.00	0.00054
50.00	200.00	0.00049	60.00	200.00	0.00046
70.00	200.00	0.00043	80.00	200.00	0.00040

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
90.00	200.00	0.00038	100.00	200.00	0.00036	
-100.00	210.00	0.00048	-90.00	210.00	0.00052	
-80.00	210.00	0.00056	-70.00	210.00	0.00059	
-60.00	210.00	0.00062	-50.00	210.00	0.00064	
-40.00	210.00	0.00065	-30.00	210.00	0.00066	
-25.00	210.00	0.00065	-20.00	210.00	0.00065	
-17.00	210.00	0.00065	-15.00	210.00	0.00065	
-13.00	210.00	0.00065	-11.00	210.00	0.00064	
-9.00	210.00	0.00064	9.00	210.00	0.00061	
11.00	210.00	0.00060	13.00	210.00	0.00060	
15.00	210.00	0.00059	17.00	210.00	0.00059	
20.00	210.00	0.00058	25.00	210.00	0.00056	
30.00	210.00	0.00054	40.00	210.00	0.00050	
50.00	210.00	0.00046	60.00	210.00	0.00043	
70.00	210.00	0.00040	80.00	210.00	0.00037	
90.00	210.00	0.00035	100.00	210.00	0.00033	
-100.00	220.00	0.00046	-90.00	220.00	0.00049	
-80.00	220.00	0.00052	-70.00	220.00	0.00055	
-60.00	220.00	0.00058	-50.00	220.00	0.00059	
-40.00	220.00	0.00060	-30.00	220.00	0.00060	
-25.00	220.00	0.00060	-20.00	220.00	0.00060	
-17.00	220.00	0.00059	-15.00	220.00	0.00059	
-13.00	220.00	0.00059	-11.00	220.00	0.00059	
-9.00	220.00	0.00059	9.00	220.00	0.00056	
11.00	220.00	0.00055	13.00	220.00	0.00055	
15.00	220.00	0.00054	17.00	220.00	0.00054	
20.00	220.00	0.00053	25.00	220.00	0.00051	
30.00	220.00	0.00050	40.00	220.00	0.00046	
50.00	220.00	0.00043	60.00	220.00	0.00040	
70.00	220.00	0.00037	80.00	220.00	0.00035	
90.00	220.00	0.00033	100.00	220.00	0.00031	

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\_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	0.00043	-90.00	230.00	0.00046
-80.00	230.00	0.00049	-70.00	230.00	0.00052
-60.00	230.00	0.00053	-50.00	230.00	0.00055

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
-40.00	230.00	0.00055	-30.00	230.00	0.00055
-25.00	230.00	0.00055	-20.00	230.00	0.00055
-17.00	230.00	0.00055	-15.00	230.00	0.00054
-13.00	230.00	0.00054	-11.00	230.00	0.00054
-9.00	230.00	0.00054	9.00	230.00	0.00051
11.00	230.00	0.00051	13.00	230.00	0.00051
15.00	230.00	0.00050	17.00	230.00	0.00050
20.00	230.00	0.00049	25.00	230.00	0.00048
30.00	230.00	0.00046	40.00	230.00	0.00043
50.00	230.00	0.00040	60.00	230.00	0.00037
70.00	230.00	0.00035	80.00	230.00	0.00033
90.00	230.00	0.00031	100.00	230.00	0.00030
-100.00	240.00	0.00041	-90.00	240.00	0.00044
-80.00	240.00	0.00046	-70.00	240.00	0.00048
-60.00	240.00	0.00050	-50.00	240.00	0.00051
-40.00	240.00	0.00051	-30.00	240.00	0.00051
-25.00	240.00	0.00051	-20.00	240.00	0.00050
-17.00	240.00	0.00050	-15.00	240.00	0.00050
-13.00	240.00	0.00050	-11.00	240.00	0.00050
-9.00	240.00	0.00050	9.00	240.00	0.00048
11.00	240.00	0.00047	13.00	240.00	0.00047
15.00	240.00	0.00046	17.00	240.00	0.00046
20.00	240.00	0.00045	25.00	240.00	0.00044
30.00	240.00	0.00043	40.00	240.00	0.00040
50.00	240.00	0.00037	60.00	240.00	0.00035
70.00	240.00	0.00033	80.00	240.00	0.00031
90.00	240.00	0.00029	100.00	240.00	0.00028
-100.00	250.00	0.00039	-90.00	250.00	0.00041
-80.00	250.00	0.00043	-70.00	250.00	0.00045
-60.00	250.00	0.00046	-50.00	250.00	0.00047
-40.00	250.00	0.00047	-30.00	250.00	0.00047
-25.00	250.00	0.00047	-20.00	250.00	0.00047
-17.00	250.00	0.00046	-15.00	250.00	0.00046
-13.00	250.00	0.00046	-11.00	250.00	0.00046
-9.00	250.00	0.00046	9.00	250.00	0.00044
11.00	250.00	0.00044	13.00	250.00	0.00043
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      \*\*\*

18:56:35  
 \*\*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 \*\*\*

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	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	0.00035	60.00	250.00	0.00033
70.00	250.00	0.00031	80.00	250.00	0.00029
90.00	250.00	0.00028	100.00	250.00	0.00026

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:56:35

\*\*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	0.00013	-90.00	-250.00	0.00015
-80.00	-250.00	0.00016	-70.00	-250.00	0.00018
-60.00	-250.00	0.00019	-50.00	-250.00	0.00021
-40.00	-250.00	0.00022	-30.00	-250.00	0.00023
-25.00	-250.00	0.00023	-20.00	-250.00	0.00025
-17.00	-250.00	0.00026	-15.00	-250.00	0.00026
-13.00	-250.00	0.00027	-11.00	-250.00	0.00028
-9.00	-250.00	0.00029	9.00	-250.00	0.00036
11.00	-250.00	0.00037	13.00	-250.00	0.00037
15.00	-250.00	0.00038	17.00	-250.00	0.00038
20.00	-250.00	0.00039	25.00	-250.00	0.00040
30.00	-250.00	0.00041	40.00	-250.00	0.00043
50.00	-250.00	0.00045	60.00	-250.00	0.00046
70.00	-250.00	0.00046	80.00	-250.00	0.00047
90.00	-250.00	0.00047	100.00	-250.00	0.00046
-100.00	-240.00	0.00014	-90.00	-240.00	0.00016
-80.00	-240.00	0.00017	-70.00	-240.00	0.00019
-60.00	-240.00	0.00021	-50.00	-240.00	0.00023
-40.00	-240.00	0.00024	-30.00	-240.00	0.00025
-25.00	-240.00	0.00026	-20.00	-240.00	0.00027
-17.00	-240.00	0.00028	-15.00	-240.00	0.00029
-13.00	-240.00	0.00030	-11.00	-240.00	0.00031
-9.00	-240.00	0.00032	9.00	-240.00	0.00041
11.00	-240.00	0.00041	13.00	-240.00	0.00042
15.00	-240.00	0.00043	17.00	-240.00	0.00043
20.00	-240.00	0.00044	25.00	-240.00	0.00045

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
30.00	-240.00	0.00047	40.00	-240.00	0.00049	
50.00	-240.00	0.00051	60.00	-240.00	0.00052	
70.00	-240.00	0.00052	80.00	-240.00	0.00053	
90.00	-240.00	0.00052	100.00	-240.00	0.00051	
-100.00	-230.00	0.00015	-90.00	-230.00	0.00017	
-80.00	-230.00	0.00019	-70.00	-230.00	0.00021	
-60.00	-230.00	0.00023	-50.00	-230.00	0.00025	
-40.00	-230.00	0.00027	-30.00	-230.00	0.00028	
-25.00	-230.00	0.00029	-20.00	-230.00	0.00030	
-17.00	-230.00	0.00032	-15.00	-230.00	0.00033	
-13.00	-230.00	0.00034	-11.00	-230.00	0.00035	
-9.00	-230.00	0.00036	9.00	-230.00	0.00047	
11.00	-230.00	0.00047	13.00	-230.00	0.00048	
15.00	-230.00	0.00049	17.00	-230.00	0.00050	

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	-230.00	0.00051	25.00	-230.00	0.00052
30.00	-230.00	0.00054	40.00	-230.00	0.00057
50.00	-230.00	0.00058	60.00	-230.00	0.00059
70.00	-230.00	0.00060	80.00	-230.00	0.00060
90.00	-230.00	0.00059	100.00	-230.00	0.00057
-100.00	-220.00	0.00016	-90.00	-220.00	0.00018
-80.00	-220.00	0.00020	-70.00	-220.00	0.00022
-60.00	-220.00	0.00025	-50.00	-220.00	0.00028
-40.00	-220.00	0.00030	-30.00	-220.00	0.00032
-25.00	-220.00	0.00033	-20.00	-220.00	0.00034
-17.00	-220.00	0.00036	-15.00	-220.00	0.00037
-13.00	-220.00	0.00038	-11.00	-220.00	0.00039
-9.00	-220.00	0.00040	9.00	-220.00	0.00054
11.00	-220.00	0.00055	13.00	-220.00	0.00056
15.00	-220.00	0.00056	17.00	-220.00	0.00057
20.00	-220.00	0.00059	25.00	-220.00	0.00061
30.00	-220.00	0.00063	40.00	-220.00	0.00066
50.00	-220.00	0.00068	60.00	-220.00	0.00069
70.00	-220.00	0.00069	80.00	-220.00	0.00068
90.00	-220.00	0.00065	100.00	-220.00	0.00063

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-210.00	0.00016	-90.00	-210.00	0.00019	
-80.00	-210.00	0.00021	-70.00	-210.00	0.00024	
-60.00	-210.00	0.00027	-50.00	-210.00	0.00030	
-40.00	-210.00	0.00034	-30.00	-210.00	0.00036	
-25.00	-210.00	0.00037	-20.00	-210.00	0.00039	
-17.00	-210.00	0.00040	-15.00	-210.00	0.00041	
-13.00	-210.00	0.00043	-11.00	-210.00	0.00044	
-9.00	-210.00	0.00046	9.00	-210.00	0.00062	
11.00	-210.00	0.00064	13.00	-210.00	0.00065	
15.00	-210.00	0.00066	17.00	-210.00	0.00067	
20.00	-210.00	0.00069	25.00	-210.00	0.00071	
30.00	-210.00	0.00074	40.00	-210.00	0.00077	
50.00	-210.00	0.00079	60.00	-210.00	0.00080	
70.00	-210.00	0.00079	80.00	-210.00	0.00076	
90.00	-210.00	0.00073	100.00	-210.00	0.00069	
-100.00	-200.00	0.00017	-90.00	-200.00	0.00019	
-80.00	-200.00	0.00022	-70.00	-200.00	0.00025	
-60.00	-200.00	0.00029	-50.00	-200.00	0.00033	
-40.00	-200.00	0.00038	-30.00	-200.00	0.00041	
-25.00	-200.00	0.00043	-20.00	-200.00	0.00045	

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

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

18:56:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00046	-15.00	-200.00	0.00047
-13.00	-200.00	0.00049	-11.00	-200.00	0.00050
-9.00	-200.00	0.00052	9.00	-200.00	0.00073
11.00	-200.00	0.00075	13.00	-200.00	0.00076
15.00	-200.00	0.00078	17.00	-200.00	0.00079
20.00	-200.00	0.00082	25.00	-200.00	0.00085
30.00	-200.00	0.00088	40.00	-200.00	0.00092
50.00	-200.00	0.00094	60.00	-200.00	0.00093
70.00	-200.00	0.00090	80.00	-200.00	0.00086
90.00	-200.00	0.00081	100.00	-200.00	0.00075
-100.00	-190.00	0.00018	-90.00	-190.00	0.00021
-80.00	-190.00	0.00023	-70.00	-190.00	0.00027
-60.00	-190.00	0.00031	-50.00	-190.00	0.00036
-40.00	-190.00	0.00042	-30.00	-190.00	0.00047



10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-25.00	-190.00	0.00049	-20.00	-190.00	0.00051	
-17.00	-190.00	0.00053	-15.00	-190.00	0.00054	
-13.00	-190.00	0.00056	-11.00	-190.00	0.00058	
-9.00	-190.00	0.00060	9.00	-190.00	0.00087	
11.00	-190.00	0.00090	13.00	-190.00	0.00092	
15.00	-190.00	0.00094	17.00	-190.00	0.00096	
20.00	-190.00	0.00098	25.00	-190.00	0.00103	
30.00	-190.00	0.00106	40.00	-190.00	0.00110	
50.00	-190.00	0.00111	60.00	-190.00	0.00108	
70.00	-190.00	0.00103	80.00	-190.00	0.00096	
90.00	-190.00	0.00089	100.00	-190.00	0.00082	
-100.00	-180.00	0.00019	-90.00	-180.00	0.00022	
-80.00	-180.00	0.00025	-70.00	-180.00	0.00029	
-60.00	-180.00	0.00034	-50.00	-180.00	0.00039	
-40.00	-180.00	0.00046	-30.00	-180.00	0.00053	
-25.00	-180.00	0.00057	-20.00	-180.00	0.00060	
-17.00	-180.00	0.00062	-15.00	-180.00	0.00063	
-13.00	-180.00	0.00065	-11.00	-180.00	0.00067	
-9.00	-180.00	0.00070	9.00	-180.00	0.00106	
11.00	-180.00	0.00109	13.00	-180.00	0.00112	
15.00	-180.00	0.00114	17.00	-180.00	0.00117	
20.00	-180.00	0.00121	25.00	-180.00	0.00126	
30.00	-180.00	0.00130	40.00	-180.00	0.00134	
50.00	-180.00	0.00132	60.00	-180.00	0.00125	
70.00	-180.00	0.00117	80.00	-180.00	0.00107	
90.00	-180.00	0.00097	100.00	-180.00	0.00087	

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

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

18:56:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00020	-90.00	-170.00	0.00023
-80.00	-170.00	0.00026	-70.00	-170.00	0.00031
-60.00	-170.00	0.00036	-50.00	-170.00	0.00043
-40.00	-170.00	0.00051	-30.00	-170.00	0.00060
-25.00	-170.00	0.00065	-20.00	-170.00	0.00069
-17.00	-170.00	0.00072	-15.00	-170.00	0.00074
-13.00	-170.00	0.00076	-11.00	-170.00	0.00079
-9.00	-170.00	0.00082	9.00	-170.00	0.00130

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-170.00	0.00135	13.00	-170.00	0.00139
15.00	-170.00	0.00143	17.00	-170.00	0.00147
20.00	-170.00	0.00152	25.00	-170.00	0.00159
30.00	-170.00	0.00163	40.00	-170.00	0.00163
50.00	-170.00	0.00155	60.00	-170.00	0.00143
70.00	-170.00	0.00130	80.00	-170.00	0.00117
90.00	-170.00	0.00104	100.00	-170.00	0.00093
-100.00	-160.00	0.00021	-90.00	-160.00	0.00024
-80.00	-160.00	0.00028	-70.00	-160.00	0.00032
-60.00	-160.00	0.00038	-50.00	-160.00	0.00046
-40.00	-160.00	0.00055	-30.00	-160.00	0.00066
-25.00	-160.00	0.00073	-20.00	-160.00	0.00079
-17.00	-160.00	0.00083	-15.00	-160.00	0.00086
-13.00	-160.00	0.00089	-11.00	-160.00	0.00092
-9.00	-160.00	0.00096	9.00	-160.00	0.00165
11.00	-160.00	0.00172	13.00	-160.00	0.00178
15.00	-160.00	0.00184	17.00	-160.00	0.00189
20.00	-160.00	0.00196	25.00	-160.00	0.00202
30.00	-160.00	0.00203	40.00	-160.00	0.00195
50.00	-160.00	0.00179	60.00	-160.00	0.00161
70.00	-160.00	0.00143	80.00	-160.00	0.00126
90.00	-160.00	0.00111	100.00	-160.00	0.00097
-100.00	-150.00	0.00022	-90.00	-150.00	0.00025
-80.00	-150.00	0.00029	-70.00	-150.00	0.00034
-60.00	-150.00	0.00041	-50.00	-150.00	0.00049
-40.00	-150.00	0.00060	-30.00	-150.00	0.00073
-25.00	-150.00	0.00081	-20.00	-150.00	0.00089
-17.00	-150.00	0.00095	-15.00	-150.00	0.00099
-13.00	-150.00	0.00104	-11.00	-150.00	0.00108
-9.00	-150.00	0.00114	9.00	-150.00	0.00220
11.00	-150.00	0.00230	13.00	-150.00	0.00239
15.00	-150.00	0.00245	17.00	-150.00	0.00250

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

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

18:56:35  
 \*\*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	0.00254	25.00	-150.00	0.00254
30.00	-150.00	0.00247	40.00	-150.00	0.00226

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-150.00	0.00201	60.00	-150.00	0.00177
70.00	-150.00	0.00154	80.00	-150.00	0.00134
90.00	-150.00	0.00116	100.00	-150.00	0.00101
-100.00	-140.00	0.00023	-90.00	-140.00	0.00027
-80.00	-140.00	0.00031	-70.00	-140.00	0.00037
-60.00	-140.00	0.00044	-50.00	-140.00	0.00053
-40.00	-140.00	0.00065	-30.00	-140.00	0.00080
-25.00	-140.00	0.00089	-20.00	-140.00	0.00099
-17.00	-140.00	0.00106	-15.00	-140.00	0.00112
-13.00	-140.00	0.00118	-11.00	-140.00	0.00125
-9.00	-140.00	0.00134	9.00	-140.00	0.00317
11.00	-140.00	0.00321	13.00	-140.00	0.00323
15.00	-140.00	0.00322	17.00	-140.00	0.00320
20.00	-140.00	0.00314	25.00	-140.00	0.00302
30.00	-140.00	0.00287	40.00	-140.00	0.00255
50.00	-140.00	0.00222	60.00	-140.00	0.00191
70.00	-140.00	0.00164	80.00	-140.00	0.00140
90.00	-140.00	0.00120	100.00	-140.00	0.00104
-100.00	-130.00	0.00025	-90.00	-130.00	0.00028
-80.00	-130.00	0.00033	-70.00	-130.00	0.00039
-60.00	-130.00	0.00047	-50.00	-130.00	0.00057
-40.00	-130.00	0.00071	-30.00	-130.00	0.00088
-25.00	-130.00	0.00099	-20.00	-130.00	0.00112
-17.00	-130.00	0.00121	-15.00	-130.00	0.00128
-13.00	-130.00	0.00137	-11.00	-130.00	0.00148
-9.00	-130.00	0.00165	9.00	-130.00	0.00435
11.00	-130.00	0.00417	13.00	-130.00	0.00404
15.00	-130.00	0.00393	17.00	-130.00	0.00383
20.00	-130.00	0.00369	25.00	-130.00	0.00345
30.00	-130.00	0.00322	40.00	-130.00	0.00278
50.00	-130.00	0.00237	60.00	-130.00	0.00201
70.00	-130.00	0.00170	80.00	-130.00	0.00144
90.00	-130.00	0.00123	100.00	-130.00	0.00105
-100.00	-120.00	0.00026	-90.00	-120.00	0.00030
-80.00	-120.00	0.00035	-70.00	-120.00	0.00042
-60.00	-120.00	0.00050	-50.00	-120.00	0.00062
-40.00	-120.00	0.00077	-30.00	-120.00	0.00098
-25.00	-120.00	0.00114	-20.00	-120.00	0.00136

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:56:35

\*\*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	0.00156	-15.00	-120.00	0.00174	
-13.00	-120.00	0.00198	-11.00	-120.00	0.00232	
-9.00	-120.00	0.00279	9.00	-120.00	0.00561	
11.00	-120.00	0.00527	13.00	-120.00	0.00499	
15.00	-120.00	0.00477	17.00	-120.00	0.00458	
20.00	-120.00	0.00432	25.00	-120.00	0.00394	
30.00	-120.00	0.00361	40.00	-120.00	0.00303	
50.00	-120.00	0.00252	60.00	-120.00	0.00210	
70.00	-120.00	0.00175	80.00	-120.00	0.00147	
90.00	-120.00	0.00124	100.00	-120.00	0.00106	
-100.00	-110.00	0.00027	-90.00	-110.00	0.00031	
-80.00	-110.00	0.00037	-70.00	-110.00	0.00044	
-60.00	-110.00	0.00054	-50.00	-110.00	0.00067	
-40.00	-110.00	0.00086	-30.00	-110.00	0.00120	
-25.00	-110.00	0.00148	-20.00	-110.00	0.00192	
-17.00	-110.00	0.00230	-15.00	-110.00	0.00262	
-13.00	-110.00	0.00300	-11.00	-110.00	0.00349	
-9.00	-110.00	0.00411	9.00	-110.00	0.00661	
11.00	-110.00	0.00617	13.00	-110.00	0.00582	
15.00	-110.00	0.00551	17.00	-110.00	0.00525	
20.00	-110.00	0.00489	25.00	-110.00	0.00439	
30.00	-110.00	0.00396	40.00	-110.00	0.00325	
50.00	-110.00	0.00265	60.00	-110.00	0.00217	
70.00	-110.00	0.00179	80.00	-110.00	0.00149	
90.00	-110.00	0.00125	100.00	-110.00	0.00106	
-100.00	-100.00	0.00028	-90.00	-100.00	0.00033	
-80.00	-100.00	0.00039	-70.00	-100.00	0.00048	
-60.00	-100.00	0.00059	-50.00	-100.00	0.00076	
-40.00	-100.00	0.00104	-30.00	-100.00	0.00156	
-25.00	-100.00	0.00199	-20.00	-100.00	0.00260	
-17.00	-100.00	0.00309	-15.00	-100.00	0.00348	
-13.00	-100.00	0.00395	-11.00	-100.00	0.00450	
-9.00	-100.00	0.00518	9.00	-100.00	0.00732	
11.00	-100.00	0.00682	13.00	-100.00	0.00640	
15.00	-100.00	0.00605	17.00	-100.00	0.00574	
20.00	-100.00	0.00532	25.00	-100.00	0.00472	
30.00	-100.00	0.00421	40.00	-100.00	0.00338	
50.00	-100.00	0.00272	60.00	-100.00	0.00221	
70.00	-100.00	0.00181	80.00	-100.00	0.00150	
90.00	-100.00	0.00126	100.00	-100.00	0.00107	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* 10NCRA SR05-300\_DPM\_TRAV\_ANN\_N-S Bound \*\*\*  
 04/18/08 \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 18:56:35 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
 \*\*MODELOPTs:  
 PAGE 89  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00029	-90.00	-90.00	0.00035
-80.00	-90.00	0.00042	-70.00	-90.00	0.00052
-60.00	-90.00	0.00067	-50.00	-90.00	0.00089
-40.00	-90.00	0.00128	-30.00	-90.00	0.00196
-25.00	-90.00	0.00249	-20.00	-90.00	0.00320
-17.00	-90.00	0.00376	-15.00	-90.00	0.00420
-13.00	-90.00	0.00470	-11.00	-90.00	0.00528
-9.00	-90.00	0.00598	9.00	-90.00	0.00781
11.00	-90.00	0.00725	13.00	-90.00	0.00678
15.00	-90.00	0.00639	17.00	-90.00	0.00604
20.00	-90.00	0.00557	25.00	-90.00	0.00491
30.00	-90.00	0.00434	40.00	-90.00	0.00342
50.00	-90.00	0.00273	60.00	-90.00	0.00221
70.00	-90.00	0.00181	80.00	-90.00	0.00150
90.00	-90.00	0.00125	100.00	-90.00	0.00106
-100.00	-80.00	0.00031	-90.00	-80.00	0.00037
-80.00	-80.00	0.00046	-70.00	-80.00	0.00058
-60.00	-80.00	0.00077	-50.00	-80.00	0.00107
-40.00	-80.00	0.00155	-30.00	-80.00	0.00234
-25.00	-80.00	0.00292	-20.00	-80.00	0.00369
-17.00	-80.00	0.00428	-15.00	-80.00	0.00474
-13.00	-80.00	0.00526	-11.00	-80.00	0.00585
-9.00	-80.00	0.00654	9.00	-80.00	0.00810
11.00	-80.00	0.00748	13.00	-80.00	0.00698
15.00	-80.00	0.00654	17.00	-80.00	0.00615
20.00	-80.00	0.00564	25.00	-80.00	0.00492
30.00	-80.00	0.00431	40.00	-80.00	0.00337
50.00	-80.00	0.00268	60.00	-80.00	0.00216
70.00	-80.00	0.00177	80.00	-80.00	0.00148
90.00	-80.00	0.00124	100.00	-80.00	0.00106
-100.00	-70.00	0.00033	-90.00	-70.00	0.00041
-80.00	-70.00	0.00051	-70.00	-70.00	0.00066
-60.00	-70.00	0.00089	-50.00	-70.00	0.00125
-40.00	-70.00	0.00180	-30.00	-70.00	0.00266

X	Y	CONC	X	Y	CONC
-25.00	-70.00	0.00328	-20.00	-70.00	0.00408
-17.00	-70.00	0.00468	-15.00	-70.00	0.00513
-13.00	-70.00	0.00565	-11.00	-70.00	0.00623
-9.00	-70.00	0.00692	9.00	-70.00	0.00816
11.00	-70.00	0.00749	13.00	-70.00	0.00695
15.00	-70.00	0.00648	17.00	-70.00	0.00606

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

\*\*\* 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	0.00550	25.00	-70.00	0.00474
30.00	-70.00	0.00414	40.00	-70.00	0.00323
50.00	-70.00	0.00258	60.00	-70.00	0.00209
70.00	-70.00	0.00173	80.00	-70.00	0.00144
90.00	-70.00	0.00122	100.00	-70.00	0.00104
-100.00	-60.00	0.00036	-90.00	-60.00	0.00045
-80.00	-60.00	0.00057	-70.00	-60.00	0.00076
-60.00	-60.00	0.00102	-50.00	-60.00	0.00142
-40.00	-60.00	0.00201	-30.00	-60.00	0.00293
-25.00	-60.00	0.00357	-20.00	-60.00	0.00438
-17.00	-60.00	0.00497	-15.00	-60.00	0.00541
-13.00	-60.00	0.00591	-11.00	-60.00	0.00648
-9.00	-60.00	0.00715	9.00	-60.00	0.00795
11.00	-60.00	0.00721	13.00	-60.00	0.00662
15.00	-60.00	0.00613	17.00	-60.00	0.00570
20.00	-60.00	0.00516	25.00	-60.00	0.00443
30.00	-60.00	0.00388	40.00	-60.00	0.00305
50.00	-60.00	0.00246	60.00	-60.00	0.00201
70.00	-60.00	0.00166	80.00	-60.00	0.00139
90.00	-60.00	0.00118	100.00	-60.00	0.00101
-100.00	-50.00	0.00039	-90.00	-50.00	0.00050
-80.00	-50.00	0.00064	-70.00	-50.00	0.00085
-60.00	-50.00	0.00114	-50.00	-50.00	0.00157
-40.00	-50.00	0.00220	-30.00	-50.00	0.00314
-25.00	-50.00	0.00378	-20.00	-50.00	0.00459
-17.00	-50.00	0.00517	-15.00	-50.00	0.00560
-13.00	-50.00	0.00608	-11.00	-50.00	0.00663
-9.00	-50.00	0.00727	9.00	-50.00	0.00724

10NCRA SR05-300_DPM_TRAV_ANN_N-S Bound						
11.00	-50.00	0.00654	13.00	-50.00	0.00599	
15.00	-50.00	0.00556	17.00	-50.00	0.00519	
20.00	-50.00	0.00472	25.00	-50.00	0.00409	
30.00	-50.00	0.00359	40.00	-50.00	0.00286	
50.00	-50.00	0.00232	60.00	-50.00	0.00191	
70.00	-50.00	0.00159	80.00	-50.00	0.00134	
90.00	-50.00	0.00114	100.00	-50.00	0.00098	
-100.00	-40.00	0.00043	-90.00	-40.00	0.00055	
-80.00	-40.00	0.00071	-70.00	-40.00	0.00093	
-60.00	-40.00	0.00125	-50.00	-40.00	0.00169	
-40.00	-40.00	0.00233	-30.00	-40.00	0.00328	
-25.00	-40.00	0.00393	-20.00	-40.00	0.00471	

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	0.00527	-15.00	-40.00	0.00568
-13.00	-40.00	0.00614	-11.00	-40.00	0.00665
-9.00	-40.00	0.00720	9.00	-40.00	0.00620
11.00	-40.00	0.00575	13.00	-40.00	0.00535
15.00	-40.00	0.00500	17.00	-40.00	0.00469
20.00	-40.00	0.00430	25.00	-40.00	0.00375
30.00	-40.00	0.00332	40.00	-40.00	0.00267
50.00	-40.00	0.00218	60.00	-40.00	0.00181
70.00	-40.00	0.00152	80.00	-40.00	0.00129
90.00	-40.00	0.00111	100.00	-40.00	0.00096
-100.00	-30.00	0.00047	-90.00	-30.00	0.00060
-80.00	-30.00	0.00078	-70.00	-30.00	0.00101
-60.00	-30.00	0.00134	-50.00	-30.00	0.00179
-40.00	-30.00	0.00244	-30.00	-30.00	0.00337
-25.00	-30.00	0.00397	-20.00	-30.00	0.00466
-17.00	-30.00	0.00511	-15.00	-30.00	0.00542
-13.00	-30.00	0.00572	-11.00	-30.00	0.00600
-9.00	-30.00	0.00624	9.00	-30.00	0.00501
11.00	-30.00	0.00473	13.00	-30.00	0.00447
15.00	-30.00	0.00424	17.00	-30.00	0.00402
20.00	-30.00	0.00372	25.00	-30.00	0.00331
30.00	-30.00	0.00295	40.00	-30.00	0.00242

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
50.00	-30.00	0.00201	60.00	-30.00	0.00169	
70.00	-30.00	0.00144	80.00	-30.00	0.00123	
90.00	-30.00	0.00106	100.00	-30.00	0.00092	
-100.00	-20.00	0.00052	-90.00	-20.00	0.00065	
-80.00	-20.00	0.00084	-70.00	-20.00	0.00108	
-60.00	-20.00	0.00141	-50.00	-20.00	0.00186	
-40.00	-20.00	0.00248	-30.00	-20.00	0.00330	
-25.00	-20.00	0.00376	-20.00	-20.00	0.00424	
-17.00	-20.00	0.00451	-15.00	-20.00	0.00468	
-13.00	-20.00	0.00483	-11.00	-20.00	0.00495	
-9.00	-20.00	0.00503	9.00	-20.00	0.00406	
11.00	-20.00	0.00387	13.00	-20.00	0.00368	
15.00	-20.00	0.00352	17.00	-20.00	0.00336	
20.00	-20.00	0.00315	25.00	-20.00	0.00284	
30.00	-20.00	0.00258	40.00	-20.00	0.00215	
50.00	-20.00	0.00181	60.00	-20.00	0.00154	
70.00	-20.00	0.00133	80.00	-20.00	0.00115	
90.00	-20.00	0.00100	100.00	-20.00	0.00088	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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	0.00056	-90.00	-10.00	0.00070
-80.00	-10.00	0.00089	-70.00	-10.00	0.00113
-60.00	-10.00	0.00145	-50.00	-10.00	0.00188
-40.00	-10.00	0.00241	-30.00	-10.00	0.00304
-25.00	-10.00	0.00336	-20.00	-10.00	0.00366
-17.00	-10.00	0.00381	-15.00	-10.00	0.00390
-13.00	-10.00	0.00397	-11.00	-10.00	0.00401
-9.00	-10.00	0.00404	9.00	-10.00	0.00334
11.00	-10.00	0.00320	13.00	-10.00	0.00306
15.00	-10.00	0.00294	17.00	-10.00	0.00282
20.00	-10.00	0.00266	25.00	-10.00	0.00243
30.00	-10.00	0.00223	40.00	-10.00	0.00189
50.00	-10.00	0.00162	60.00	-10.00	0.00140
70.00	-10.00	0.00121	80.00	-10.00	0.00106
90.00	-10.00	0.00093	100.00	-10.00	0.00083
-100.00	0.00	0.00060	-90.00	0.00	0.00074



10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-80.00	0.00	0.00093	-70.00	0.00	0.00116	
-60.00	0.00	0.00146	-50.00	0.00	0.00183	
-40.00	0.00	0.00225	-30.00	0.00	0.00271	
-25.00	0.00	0.00292	-20.00	0.00	0.00311	
-17.00	0.00	0.00319	-15.00	0.00	0.00323	
-13.00	0.00	0.00325	-11.00	0.00	0.00327	
-9.00	0.00	0.00327	9.00	0.00	0.00278	
11.00	0.00	0.00268	13.00	0.00	0.00258	
15.00	0.00	0.00248	17.00	0.00	0.00239	
20.00	0.00	0.00226	25.00	0.00	0.00208	
30.00	0.00	0.00192	40.00	0.00	0.00166	
50.00	0.00	0.00144	60.00	0.00	0.00126	
70.00	0.00	0.00111	80.00	0.00	0.00098	
90.00	0.00	0.00087	100.00	0.00	0.00077	
-100.00	10.00	0.00063	-90.00	10.00	0.00077	
-80.00	10.00	0.00095	-70.00	10.00	0.00116	
-60.00	10.00	0.00142	-50.00	10.00	0.00172	
-40.00	10.00	0.00205	-30.00	10.00	0.00238	
-25.00	10.00	0.00252	-20.00	10.00	0.00263	
-17.00	10.00	0.00267	-15.00	10.00	0.00268	
-13.00	10.00	0.00269	-11.00	10.00	0.00269	
-9.00	10.00	0.00269	9.00	10.00	0.00234	
11.00	10.00	0.00227	13.00	10.00	0.00219	
15.00	10.00	0.00212	17.00	10.00	0.00205	

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	0.00195	25.00	10.00	0.00180
30.00	10.00	0.00167	40.00	10.00	0.00146
50.00	10.00	0.00129	60.00	10.00	0.00114
70.00	10.00	0.00101	80.00	10.00	0.00090
90.00	10.00	0.00080	100.00	10.00	0.00072
-100.00	20.00	0.00065	-90.00	20.00	0.00078
-80.00	20.00	0.00095	-70.00	20.00	0.00114
-60.00	20.00	0.00135	-50.00	20.00	0.00159
-40.00	20.00	0.00185	-30.00	20.00	0.00208
-25.00	20.00	0.00217	-20.00	20.00	0.00223

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-17.00	20.00	0.00225	-15.00	20.00	0.00225	
-13.00	20.00	0.00225	-11.00	20.00	0.00225	
-9.00	20.00	0.00224	9.00	20.00	0.00199	
11.00	20.00	0.00193	13.00	20.00	0.00188	
15.00	20.00	0.00182	17.00	20.00	0.00177	
20.00	20.00	0.00169	25.00	20.00	0.00157	
30.00	20.00	0.00146	40.00	20.00	0.00129	
50.00	20.00	0.00115	60.00	20.00	0.00103	
70.00	20.00	0.00092	80.00	20.00	0.00082	
90.00	20.00	0.00074	100.00	20.00	0.00067	
-100.00	30.00	0.00066	-90.00	30.00	0.00078	
-80.00	30.00	0.00093	-70.00	30.00	0.00109	
-60.00	30.00	0.00127	-50.00	30.00	0.00146	
-40.00	30.00	0.00165	-30.00	30.00	0.00182	
-25.00	30.00	0.00187	-20.00	30.00	0.00190	
-17.00	30.00	0.00191	-15.00	30.00	0.00191	
-13.00	30.00	0.00191	-11.00	30.00	0.00190	
-9.00	30.00	0.00190	9.00	30.00	0.00171	
11.00	30.00	0.00167	13.00	30.00	0.00163	
15.00	30.00	0.00158	17.00	30.00	0.00154	
20.00	30.00	0.00148	25.00	30.00	0.00138	
30.00	30.00	0.00129	40.00	30.00	0.00114	
50.00	30.00	0.00102	60.00	30.00	0.00093	
70.00	30.00	0.00084	80.00	30.00	0.00076	
90.00	30.00	0.00068	100.00	30.00	0.00062	
-100.00	40.00	0.00066	-90.00	40.00	0.00077	
-80.00	40.00	0.00089	-70.00	40.00	0.00103	
-60.00	40.00	0.00118	-50.00	40.00	0.00133	
-40.00	40.00	0.00148	-30.00	40.00	0.00159	
-25.00	40.00	0.00162	-20.00	40.00	0.00164	

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	0.00164	-15.00	40.00	0.00164
-13.00	40.00	0.00164	-11.00	40.00	0.00163
-9.00	40.00	0.00163	9.00	40.00	0.00148
11.00	40.00	0.00145	13.00	40.00	0.00142

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	40.00	0.00139	17.00	40.00	0.00135
20.00	40.00	0.00130	25.00	40.00	0.00122
30.00	40.00	0.00115	40.00	40.00	0.00102
50.00	40.00	0.00092	60.00	40.00	0.00084
70.00	40.00	0.00076	80.00	40.00	0.00070
90.00	40.00	0.00063	100.00	40.00	0.00058
-100.00	50.00	0.00065	-90.00	50.00	0.00075
-80.00	50.00	0.00085	-70.00	50.00	0.00097
-60.00	50.00	0.00109	-50.00	50.00	0.00121
-40.00	50.00	0.00132	-30.00	50.00	0.00140
-25.00	50.00	0.00142	-20.00	50.00	0.00142
-17.00	50.00	0.00142	-15.00	50.00	0.00142
-13.00	50.00	0.00142	-11.00	50.00	0.00141
-9.00	50.00	0.00141	9.00	50.00	0.00129
11.00	50.00	0.00127	13.00	50.00	0.00125
15.00	50.00	0.00122	17.00	50.00	0.00119
20.00	50.00	0.00115	25.00	50.00	0.00109
30.00	50.00	0.00102	40.00	50.00	0.00092
50.00	50.00	0.00083	60.00	50.00	0.00076
70.00	50.00	0.00070	80.00	50.00	0.00064
90.00	50.00	0.00059	100.00	50.00	0.00054
-100.00	60.00	0.00063	-90.00	60.00	0.00071
-80.00	60.00	0.00081	-70.00	60.00	0.00090
-60.00	60.00	0.00100	-50.00	60.00	0.00110
-40.00	60.00	0.00119	-30.00	60.00	0.00124
-25.00	60.00	0.00125	-20.00	60.00	0.00125
-17.00	60.00	0.00125	-15.00	60.00	0.00124
-13.00	60.00	0.00124	-11.00	60.00	0.00124
-9.00	60.00	0.00123	9.00	60.00	0.00114
11.00	60.00	0.00112	13.00	60.00	0.00110
15.00	60.00	0.00108	17.00	60.00	0.00106
20.00	60.00	0.00103	25.00	60.00	0.00097
30.00	60.00	0.00092	40.00	60.00	0.00083
50.00	60.00	0.00075	60.00	60.00	0.00069
70.00	60.00	0.00064	80.00	60.00	0.00059
90.00	60.00	0.00054	100.00	60.00	0.00050

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

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

18:56:35

\*\*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

\*\*

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00061	-90.00	70.00	0.00068
-80.00	70.00	0.00076	-70.00	70.00	0.00084
-60.00	70.00	0.00093	-50.00	70.00	0.00101
-40.00	70.00	0.00107	-30.00	70.00	0.00110
-25.00	70.00	0.00110	-20.00	70.00	0.00110
-17.00	70.00	0.00110	-15.00	70.00	0.00110
-13.00	70.00	0.00110	-11.00	70.00	0.00109
-9.00	70.00	0.00109	9.00	70.00	0.00101
11.00	70.00	0.00100	13.00	70.00	0.00098
15.00	70.00	0.00097	17.00	70.00	0.00095
20.00	70.00	0.00092	25.00	70.00	0.00088
30.00	70.00	0.00083	40.00	70.00	0.00075
50.00	70.00	0.00069	60.00	70.00	0.00063
70.00	70.00	0.00058	80.00	70.00	0.00054
90.00	70.00	0.00050	100.00	70.00	0.00047
-100.00	80.00	0.00058	-90.00	80.00	0.00065
-80.00	80.00	0.00071	-70.00	80.00	0.00078
-60.00	80.00	0.00085	-50.00	80.00	0.00092
-40.00	80.00	0.00096	-30.00	80.00	0.00098
-25.00	80.00	0.00098	-20.00	80.00	0.00098
-17.00	80.00	0.00098	-15.00	80.00	0.00098
-13.00	80.00	0.00097	-11.00	80.00	0.00097
-9.00	80.00	0.00097	9.00	80.00	0.00090
11.00	80.00	0.00089	13.00	80.00	0.00088
15.00	80.00	0.00087	17.00	80.00	0.00085
20.00	80.00	0.00083	25.00	80.00	0.00080
30.00	80.00	0.00076	40.00	80.00	0.00069
50.00	80.00	0.00063	60.00	80.00	0.00058
70.00	80.00	0.00054	80.00	80.00	0.00050
90.00	80.00	0.00047	100.00	80.00	0.00044
-100.00	90.00	0.00056	-90.00	90.00	0.00061
-80.00	90.00	0.00067	-70.00	90.00	0.00073
-60.00	90.00	0.00079	-50.00	90.00	0.00084
-40.00	90.00	0.00087	-30.00	90.00	0.00088
-25.00	90.00	0.00088	-20.00	90.00	0.00088
-17.00	90.00	0.00088	-15.00	90.00	0.00087
-13.00	90.00	0.00087	-11.00	90.00	0.00087
-9.00	90.00	0.00087	9.00	90.00	0.00081
11.00	90.00	0.00080	13.00	90.00	0.00079
15.00	90.00	0.00078	17.00	90.00	0.00077

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

18:56:35

\*\*\* 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	0.00075	25.00	90.00	0.00072
30.00	90.00	0.00069	40.00	90.00	0.00063
50.00	90.00	0.00058	60.00	90.00	0.00053
70.00	90.00	0.00050	80.00	90.00	0.00046
90.00	90.00	0.00043	100.00	90.00	0.00041
-100.00	100.00	0.00053	-90.00	100.00	0.00058
-80.00	100.00	0.00063	-70.00	100.00	0.00068
-60.00	100.00	0.00073	-50.00	100.00	0.00076
-40.00	100.00	0.00079	-30.00	100.00	0.00079
-25.00	100.00	0.00079	-20.00	100.00	0.00079
-17.00	100.00	0.00079	-15.00	100.00	0.00079
-13.00	100.00	0.00078	-11.00	100.00	0.00078
-9.00	100.00	0.00078	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	0.00070
20.00	100.00	0.00069	25.00	100.00	0.00066
30.00	100.00	0.00063	40.00	100.00	0.00058
50.00	100.00	0.00053	60.00	100.00	0.00049
70.00	100.00	0.00046	80.00	100.00	0.00043
90.00	100.00	0.00040	100.00	100.00	0.00038
-100.00	110.00	0.00050	-90.00	110.00	0.00055
-80.00	110.00	0.00059	-70.00	110.00	0.00063
-60.00	110.00	0.00067	-50.00	110.00	0.00070
-40.00	110.00	0.00072	-30.00	110.00	0.00072
-25.00	110.00	0.00072	-20.00	110.00	0.00072
-17.00	110.00	0.00071	-15.00	110.00	0.00071
-13.00	110.00	0.00071	-11.00	110.00	0.00071
-9.00	110.00	0.00071	9.00	110.00	0.00067
11.00	110.00	0.00066	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	0.00058	40.00	110.00	0.00054
50.00	110.00	0.00049	60.00	110.00	0.00046
70.00	110.00	0.00043	80.00	110.00	0.00040
90.00	110.00	0.00038	100.00	110.00	0.00036
-100.00	120.00	0.00048	-90.00	120.00	0.00052

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
-80.00	120.00	0.00056	-70.00	120.00	0.00059
-60.00	120.00	0.00062	-50.00	120.00	0.00064
-40.00	120.00	0.00065	-30.00	120.00	0.00066
-25.00	120.00	0.00065	-20.00	120.00	0.00065

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

18:56:35  
 \*\*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	0.00065	-15.00	120.00	0.00065
-13.00	120.00	0.00065	-11.00	120.00	0.00064
-9.00	120.00	0.00064	9.00	120.00	0.00061
11.00	120.00	0.00060	13.00	120.00	0.00060
15.00	120.00	0.00059	17.00	120.00	0.00059
20.00	120.00	0.00058	25.00	120.00	0.00056
30.00	120.00	0.00054	40.00	120.00	0.00050
50.00	120.00	0.00046	60.00	120.00	0.00043
70.00	120.00	0.00040	80.00	120.00	0.00037
90.00	120.00	0.00035	100.00	120.00	0.00033
-100.00	130.00	0.00046	-90.00	130.00	0.00049
-80.00	130.00	0.00052	-70.00	130.00	0.00055
-60.00	130.00	0.00058	-50.00	130.00	0.00059
-40.00	130.00	0.00060	-30.00	130.00	0.00060
-25.00	130.00	0.00060	-20.00	130.00	0.00060
-17.00	130.00	0.00059	-15.00	130.00	0.00059
-13.00	130.00	0.00059	-11.00	130.00	0.00059
-9.00	130.00	0.00059	9.00	130.00	0.00056
11.00	130.00	0.00055	13.00	130.00	0.00055
15.00	130.00	0.00054	17.00	130.00	0.00054
20.00	130.00	0.00053	25.00	130.00	0.00051
30.00	130.00	0.00050	40.00	130.00	0.00046
50.00	130.00	0.00043	60.00	130.00	0.00040
70.00	130.00	0.00037	80.00	130.00	0.00035
90.00	130.00	0.00033	100.00	130.00	0.00031
-100.00	140.00	0.00043	-90.00	140.00	0.00046
-80.00	140.00	0.00049	-70.00	140.00	0.00052
-60.00	140.00	0.00053	-50.00	140.00	0.00055
-40.00	140.00	0.00055	-30.00	140.00	0.00055
-25.00	140.00	0.00055	-20.00	140.00	0.00055

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-17.00	140.00	0.00055	-15.00	140.00	0.00054	
-13.00	140.00	0.00054	-11.00	140.00	0.00054	
-9.00	140.00	0.00054	9.00	140.00	0.00051	
11.00	140.00	0.00051	13.00	140.00	0.00051	
15.00	140.00	0.00050	17.00	140.00	0.00050	
20.00	140.00	0.00049	25.00	140.00	0.00048	
30.00	140.00	0.00046	40.00	140.00	0.00043	
50.00	140.00	0.00040	60.00	140.00	0.00037	
70.00	140.00	0.00035	80.00	140.00	0.00033	
90.00	140.00	0.00031	100.00	140.00	0.00030	

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

04/18/08

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

18:56:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00041	-90.00	150.00	0.00044
-80.00	150.00	0.00046	-70.00	150.00	0.00048
-60.00	150.00	0.00050	-50.00	150.00	0.00051
-40.00	150.00	0.00051	-30.00	150.00	0.00051
-25.00	150.00	0.00051	-20.00	150.00	0.00050
-17.00	150.00	0.00050	-15.00	150.00	0.00050
-13.00	150.00	0.00050	-11.00	150.00	0.00050
-9.00	150.00	0.00050	9.00	150.00	0.00048
11.00	150.00	0.00047	13.00	150.00	0.00047
15.00	150.00	0.00046	17.00	150.00	0.00046
20.00	150.00	0.00045	25.00	150.00	0.00044
30.00	150.00	0.00043	40.00	150.00	0.00040
50.00	150.00	0.00037	60.00	150.00	0.00035
70.00	150.00	0.00033	80.00	150.00	0.00031
90.00	150.00	0.00029	100.00	150.00	0.00028
-100.00	160.00	0.00039	-90.00	160.00	0.00041
-80.00	160.00	0.00043	-70.00	160.00	0.00045
-60.00	160.00	0.00046	-50.00	160.00	0.00047
-40.00	160.00	0.00047	-30.00	160.00	0.00047
-25.00	160.00	0.00047	-20.00	160.00	0.00047
-17.00	160.00	0.00046	-15.00	160.00	0.00046
-13.00	160.00	0.00046	-11.00	160.00	0.00046
-9.00	160.00	0.00046	9.00	160.00	0.00044
11.00	160.00	0.00044	13.00	160.00	0.00043

10NCRA_SR05-300_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	0.00035	60.00	160.00	0.00033	
70.00	160.00	0.00031	80.00	160.00	0.00029	
90.00	160.00	0.00028	100.00	160.00	0.00026	
-100.00	170.00	0.00037	-90.00	170.00	0.00039	
-80.00	170.00	0.00041	-70.00	170.00	0.00042	
-60.00	170.00	0.00043	-50.00	170.00	0.00044	
-40.00	170.00	0.00044	-30.00	170.00	0.00044	
-25.00	170.00	0.00043	-20.00	170.00	0.00043	
-17.00	170.00	0.00043	-15.00	170.00	0.00043	
-13.00	170.00	0.00043	-11.00	170.00	0.00043	
-9.00	170.00	0.00043	9.00	170.00	0.00041	
11.00	170.00	0.00041	13.00	170.00	0.00040	
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      \*\*\*  
 18:56:35  
 \*\*MODELOPTs:  
 PAGE 99  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER      IN MICROGRAMS/M**3      **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	170.00	0.00039	25.00	170.00	0.00038	
30.00	170.00	0.00037	40.00	170.00	0.00035	
50.00	170.00	0.00033	60.00	170.00	0.00031	
70.00	170.00	0.00029	80.00	170.00	0.00028	
90.00	170.00	0.00026	100.00	170.00	0.00025	
-100.00	180.00	0.00035	-90.00	180.00	0.00037	
-80.00	180.00	0.00038	-70.00	180.00	0.00040	
-60.00	180.00	0.00040	-50.00	180.00	0.00041	
-40.00	180.00	0.00041	-30.00	180.00	0.00040	
-25.00	180.00	0.00040	-20.00	180.00	0.00040	
-17.00	180.00	0.00040	-15.00	180.00	0.00040	
-13.00	180.00	0.00040	-11.00	180.00	0.00040	
-9.00	180.00	0.00040	9.00	180.00	0.00038	
11.00	180.00	0.00038	13.00	180.00	0.00038	
15.00	180.00	0.00037	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	0.00033	
50.00	180.00	0.00031	60.00	180.00	0.00029	



10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
70.00	180.00	0.00028	80.00	180.00	0.00026	
90.00	180.00	0.00025	100.00	180.00	0.00024	
-100.00	190.00	0.00034	-90.00	190.00	0.00035	
-80.00	190.00	0.00036	-70.00	190.00	0.00037	
-60.00	190.00	0.00038	-50.00	190.00	0.00038	
-40.00	190.00	0.00038	-30.00	190.00	0.00038	
-25.00	190.00	0.00038	-20.00	190.00	0.00037	
-17.00	190.00	0.00037	-15.00	190.00	0.00037	
-13.00	190.00	0.00037	-11.00	190.00	0.00037	
-9.00	190.00	0.00037	9.00	190.00	0.00036	
11.00	190.00	0.00035	13.00	190.00	0.00035	
15.00	190.00	0.00035	17.00	190.00	0.00035	
20.00	190.00	0.00034	25.00	190.00	0.00034	
30.00	190.00	0.00033	40.00	190.00	0.00031	
50.00	190.00	0.00029	60.00	190.00	0.00028	
70.00	190.00	0.00026	80.00	190.00	0.00025	
90.00	190.00	0.00024	100.00	190.00	0.00022	
-100.00	200.00	0.00032	-90.00	200.00	0.00033	
-80.00	200.00	0.00034	-70.00	200.00	0.00035	
-60.00	200.00	0.00035	-50.00	200.00	0.00036	
-40.00	200.00	0.00035	-30.00	200.00	0.00035	
-25.00	200.00	0.00035	-20.00	200.00	0.00035	

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	200.00	0.00035	-15.00	200.00	0.00035
-13.00	200.00	0.00035	-11.00	200.00	0.00035
-9.00	200.00	0.00035	9.00	200.00	0.00033
11.00	200.00	0.00033	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	0.00029
50.00	200.00	0.00028	60.00	200.00	0.00026
70.00	200.00	0.00025	80.00	200.00	0.00023
90.00	200.00	0.00022	100.00	200.00	0.00021
-100.00	210.00	0.00030	-90.00	210.00	0.00031
-80.00	210.00	0.00032	-70.00	210.00	0.00033

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-60.00	210.00	0.00033	-50.00	210.00	0.00033	
-40.00	210.00	0.00033	-30.00	210.00	0.00033	
-25.00	210.00	0.00033	-20.00	210.00	0.00033	
-17.00	210.00	0.00033	-15.00	210.00	0.00033	
-13.00	210.00	0.00033	-11.00	210.00	0.00033	
-9.00	210.00	0.00032	9.00	210.00	0.00031	
11.00	210.00	0.00031	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	0.00026	60.00	210.00	0.00025	
70.00	210.00	0.00024	80.00	210.00	0.00022	
90.00	210.00	0.00021	100.00	210.00	0.00020	
-100.00	220.00	0.00029	-90.00	220.00	0.00030	
-80.00	220.00	0.00031	-70.00	220.00	0.00031	
-60.00	220.00	0.00031	-50.00	220.00	0.00031	
-40.00	220.00	0.00031	-30.00	220.00	0.00031	
-25.00	220.00	0.00031	-20.00	220.00	0.00031	
-17.00	220.00	0.00031	-15.00	220.00	0.00031	
-13.00	220.00	0.00031	-11.00	220.00	0.00031	
-9.00	220.00	0.00030	9.00	220.00	0.00030	
11.00	220.00	0.00029	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	0.00026	
50.00	220.00	0.00025	60.00	220.00	0.00024	
70.00	220.00	0.00022	80.00	220.00	0.00021	
90.00	220.00	0.00020	100.00	220.00	0.00019	

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
-100.00	230.00	0.00028	-90.00	230.00	0.00028
-80.00	230.00	0.00029	-70.00	230.00	0.00029
-60.00	230.00	0.00029	-50.00	230.00	0.00030
-40.00	230.00	0.00029	-30.00	230.00	0.00029
-25.00	230.00	0.00029	-20.00	230.00	0.00029
-17.00	230.00	0.00029	-15.00	230.00	0.00029

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
-13.00	230.00	0.00029	-11.00	230.00	0.00029
-9.00	230.00	0.00029	9.00	230.00	0.00028
11.00	230.00	0.00028	13.00	230.00	0.00028
15.00	230.00	0.00027	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	0.00021	80.00	230.00	0.00020
90.00	230.00	0.00019	100.00	230.00	0.00019
-100.00	240.00	0.00026	-90.00	240.00	0.00027
-80.00	240.00	0.00027	-70.00	240.00	0.00028
-60.00	240.00	0.00028	-50.00	240.00	0.00028
-40.00	240.00	0.00028	-30.00	240.00	0.00028
-25.00	240.00	0.00027	-20.00	240.00	0.00027
-17.00	240.00	0.00027	-15.00	240.00	0.00027
-13.00	240.00	0.00027	-11.00	240.00	0.00027
-9.00	240.00	0.00027	9.00	240.00	0.00026
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	0.00021
70.00	240.00	0.00020	80.00	240.00	0.00019
90.00	240.00	0.00018	100.00	240.00	0.00018
-100.00	250.00	0.00025	-90.00	250.00	0.00026
-80.00	250.00	0.00026	-70.00	250.00	0.00026
-60.00	250.00	0.00026	-50.00	250.00	0.00026
-40.00	250.00	0.00026	-30.00	250.00	0.00026
-25.00	250.00	0.00026	-20.00	250.00	0.00026
-17.00	250.00	0.00026	-15.00	250.00	0.00026
-13.00	250.00	0.00026	-11.00	250.00	0.00026
-9.00	250.00	0.00026	9.00	250.00	0.00025
11.00	250.00	0.00025	13.00	250.00	0.00025
15.00	250.00	0.00024	17.00	250.00	0.00024

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
-----	-----	-----	-----	-----	-----

		10NCRA_SR05-300_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	0.00022
50.00	250.00	0.00022	60.00	250.00	0.00020
70.00	250.00	0.00019	80.00	250.00	0.00019
90.00	250.00	0.00018	100.00	250.00	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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URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00021	-90.00	-250.00	0.00024
-80.00	-250.00	0.00028	-70.00	-250.00	0.00032
-60.00	-250.00	0.00038	-50.00	-250.00	0.00046
-40.00	-250.00	0.00055	-30.00	-250.00	0.00066
-25.00	-250.00	0.00073	-20.00	-250.00	0.00079
-17.00	-250.00	0.00083	-15.00	-250.00	0.00086
-13.00	-250.00	0.00089	-11.00	-250.00	0.00092
-9.00	-250.00	0.00096	9.00	-250.00	0.00165
11.00	-250.00	0.00172	13.00	-250.00	0.00178
15.00	-250.00	0.00184	17.00	-250.00	0.00189
20.00	-250.00	0.00196	25.00	-250.00	0.00202
30.00	-250.00	0.00203	40.00	-250.00	0.00195
50.00	-250.00	0.00179	60.00	-250.00	0.00161
70.00	-250.00	0.00143	80.00	-250.00	0.00126
90.00	-250.00	0.00111	100.00	-250.00	0.00097
-100.00	-240.00	0.00022	-90.00	-240.00	0.00025
-80.00	-240.00	0.00029	-70.00	-240.00	0.00034
-60.00	-240.00	0.00041	-50.00	-240.00	0.00049
-40.00	-240.00	0.00060	-30.00	-240.00	0.00073
-25.00	-240.00	0.00081	-20.00	-240.00	0.00089
-17.00	-240.00	0.00095	-15.00	-240.00	0.00099
-13.00	-240.00	0.00104	-11.00	-240.00	0.00108
-9.00	-240.00	0.00114	9.00	-240.00	0.00220
11.00	-240.00	0.00230	13.00	-240.00	0.00239
15.00	-240.00	0.00245	17.00	-240.00	0.00250
20.00	-240.00	0.00254	25.00	-240.00	0.00254
30.00	-240.00	0.00247	40.00	-240.00	0.00226
50.00	-240.00	0.00201	60.00	-240.00	0.00177
70.00	-240.00	0.00154	80.00	-240.00	0.00134

10NCRA SR05-300_DPM_TRAV_ANN_N-S Bound						
90.00	-240.00	0.00116	100.00	-240.00	0.00101	
-100.00	-230.00	0.00023	-90.00	-230.00	0.00027	
-80.00	-230.00	0.00031	-70.00	-230.00	0.00037	
-60.00	-230.00	0.00044	-50.00	-230.00	0.00053	
-40.00	-230.00	0.00065	-30.00	-230.00	0.00080	
-25.00	-230.00	0.00089	-20.00	-230.00	0.00099	
-17.00	-230.00	0.00106	-15.00	-230.00	0.00112	
-13.00	-230.00	0.00118	-11.00	-230.00	0.00125	
-9.00	-230.00	0.00134	9.00	-230.00	0.00317	
11.00	-230.00	0.00321	13.00	-230.00	0.00323	
15.00	-230.00	0.00322	17.00	-230.00	0.00320	

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 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00314	25.00	-230.00	0.00302
30.00	-230.00	0.00287	40.00	-230.00	0.00255
50.00	-230.00	0.00222	60.00	-230.00	0.00191
70.00	-230.00	0.00164	80.00	-230.00	0.00140
90.00	-230.00	0.00120	100.00	-230.00	0.00104
-100.00	-220.00	0.00025	-90.00	-220.00	0.00028
-80.00	-220.00	0.00033	-70.00	-220.00	0.00039
-60.00	-220.00	0.00047	-50.00	-220.00	0.00057
-40.00	-220.00	0.00071	-30.00	-220.00	0.00088
-25.00	-220.00	0.00099	-20.00	-220.00	0.00112
-17.00	-220.00	0.00121	-15.00	-220.00	0.00128
-13.00	-220.00	0.00137	-11.00	-220.00	0.00148
-9.00	-220.00	0.00165	9.00	-220.00	0.00435
11.00	-220.00	0.00417	13.00	-220.00	0.00404
15.00	-220.00	0.00393	17.00	-220.00	0.00383
20.00	-220.00	0.00369	25.00	-220.00	0.00345
30.00	-220.00	0.00322	40.00	-220.00	0.00278
50.00	-220.00	0.00237	60.00	-220.00	0.00201
70.00	-220.00	0.00170	80.00	-220.00	0.00144
90.00	-220.00	0.00123	100.00	-220.00	0.00105
-100.00	-210.00	0.00026	-90.00	-210.00	0.00030
-80.00	-210.00	0.00035	-70.00	-210.00	0.00042
-60.00	-210.00	0.00050	-50.00	-210.00	0.00062

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-40.00	-210.00	0.00077	-30.00	-210.00	0.00098	
-25.00	-210.00	0.00114	-20.00	-210.00	0.00136	
-17.00	-210.00	0.00156	-15.00	-210.00	0.00174	
-13.00	-210.00	0.00198	-11.00	-210.00	0.00232	
-9.00	-210.00	0.00279	9.00	-210.00	0.00561	
11.00	-210.00	0.00527	13.00	-210.00	0.00499	
15.00	-210.00	0.00477	17.00	-210.00	0.00458	
20.00	-210.00	0.00432	25.00	-210.00	0.00394	
30.00	-210.00	0.00361	40.00	-210.00	0.00303	
50.00	-210.00	0.00252	60.00	-210.00	0.00210	
70.00	-210.00	0.00175	80.00	-210.00	0.00147	
90.00	-210.00	0.00124	100.00	-210.00	0.00106	
-100.00	-200.00	0.00027	-90.00	-200.00	0.00031	
-80.00	-200.00	0.00037	-70.00	-200.00	0.00044	
-60.00	-200.00	0.00054	-50.00	-200.00	0.00067	
-40.00	-200.00	0.00086	-30.00	-200.00	0.00120	
-25.00	-200.00	0.00148	-20.00	-200.00	0.00192	

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
-17.00	-200.00	0.00230	-15.00	-200.00	0.00262
-13.00	-200.00	0.00300	-11.00	-200.00	0.00349
-9.00	-200.00	0.00411	9.00	-200.00	0.00661
11.00	-200.00	0.00617	13.00	-200.00	0.00582
15.00	-200.00	0.00551	17.00	-200.00	0.00525
20.00	-200.00	0.00489	25.00	-200.00	0.00439
30.00	-200.00	0.00396	40.00	-200.00	0.00325
50.00	-200.00	0.00265	60.00	-200.00	0.00217
70.00	-200.00	0.00179	80.00	-200.00	0.00149
90.00	-200.00	0.00125	100.00	-200.00	0.00106
-100.00	-190.00	0.00028	-90.00	-190.00	0.00033
-80.00	-190.00	0.00039	-70.00	-190.00	0.00048
-60.00	-190.00	0.00059	-50.00	-190.00	0.00076
-40.00	-190.00	0.00104	-30.00	-190.00	0.00156
-25.00	-190.00	0.00199	-20.00	-190.00	0.00260
-17.00	-190.00	0.00309	-15.00	-190.00	0.00348
-13.00	-190.00	0.00395	-11.00	-190.00	0.00450

10NCRA SR05-300_DPM_TRAV_ANN_N-S Bound						
-9.00	-190.00	0.00518	9.00	-190.00	0.00732	
11.00	-190.00	0.00682	13.00	-190.00	0.00640	
15.00	-190.00	0.00605	17.00	-190.00	0.00574	
20.00	-190.00	0.00532	25.00	-190.00	0.00472	
30.00	-190.00	0.00421	40.00	-190.00	0.00338	
50.00	-190.00	0.00272	60.00	-190.00	0.00221	
70.00	-190.00	0.00181	80.00	-190.00	0.00150	
90.00	-190.00	0.00126	100.00	-190.00	0.00107	
-100.00	-180.00	0.00029	-90.00	-180.00	0.00035	
-80.00	-180.00	0.00042	-70.00	-180.00	0.00052	
-60.00	-180.00	0.00067	-50.00	-180.00	0.00089	
-40.00	-180.00	0.00128	-30.00	-180.00	0.00196	
-25.00	-180.00	0.00249	-20.00	-180.00	0.00320	
-17.00	-180.00	0.00376	-15.00	-180.00	0.00420	
-13.00	-180.00	0.00470	-11.00	-180.00	0.00528	
-9.00	-180.00	0.00598	9.00	-180.00	0.00781	
11.00	-180.00	0.00725	13.00	-180.00	0.00678	
15.00	-180.00	0.00639	17.00	-180.00	0.00604	
20.00	-180.00	0.00557	25.00	-180.00	0.00491	
30.00	-180.00	0.00434	40.00	-180.00	0.00342	
50.00	-180.00	0.00273	60.00	-180.00	0.00221	
70.00	-180.00	0.00181	80.00	-180.00	0.00150	
90.00	-180.00	0.00125	100.00	-180.00	0.00106	

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

18:56:35  
 \*\*MODELOPTs:  
 PAGE 106  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00031	-90.00	-170.00	0.00037
-80.00	-170.00	0.00046	-70.00	-170.00	0.00058
-60.00	-170.00	0.00077	-50.00	-170.00	0.00107
-40.00	-170.00	0.00155	-30.00	-170.00	0.00234
-25.00	-170.00	0.00292	-20.00	-170.00	0.00369
-17.00	-170.00	0.00428	-15.00	-170.00	0.00474
-13.00	-170.00	0.00526	-11.00	-170.00	0.00585
-9.00	-170.00	0.00654	9.00	-170.00	0.00810
11.00	-170.00	0.00748	13.00	-170.00	0.00698
15.00	-170.00	0.00654	17.00	-170.00	0.00615
20.00	-170.00	0.00564	25.00	-170.00	0.00492

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
30.00	-170.00	0.00431	40.00	-170.00	0.00337	
50.00	-170.00	0.00268	60.00	-170.00	0.00216	
70.00	-170.00	0.00177	80.00	-170.00	0.00148	
90.00	-170.00	0.00124	100.00	-170.00	0.00106	
-100.00	-160.00	0.00033	-90.00	-160.00	0.00041	
-80.00	-160.00	0.00051	-70.00	-160.00	0.00066	
-60.00	-160.00	0.00089	-50.00	-160.00	0.00125	
-40.00	-160.00	0.00180	-30.00	-160.00	0.00266	
-25.00	-160.00	0.00328	-20.00	-160.00	0.00408	
-17.00	-160.00	0.00468	-15.00	-160.00	0.00513	
-13.00	-160.00	0.00565	-11.00	-160.00	0.00623	
-9.00	-160.00	0.00692	9.00	-160.00	0.00816	
11.00	-160.00	0.00749	13.00	-160.00	0.00695	
15.00	-160.00	0.00648	17.00	-160.00	0.00606	
20.00	-160.00	0.00550	25.00	-160.00	0.00474	
30.00	-160.00	0.00414	40.00	-160.00	0.00323	
50.00	-160.00	0.00258	60.00	-160.00	0.00209	
70.00	-160.00	0.00173	80.00	-160.00	0.00144	
90.00	-160.00	0.00122	100.00	-160.00	0.00104	
-100.00	-150.00	0.00036	-90.00	-150.00	0.00045	
-80.00	-150.00	0.00057	-70.00	-150.00	0.00076	
-60.00	-150.00	0.00102	-50.00	-150.00	0.00142	
-40.00	-150.00	0.00201	-30.00	-150.00	0.00293	
-25.00	-150.00	0.00357	-20.00	-150.00	0.00438	
-17.00	-150.00	0.00497	-15.00	-150.00	0.00541	
-13.00	-150.00	0.00591	-11.00	-150.00	0.00648	
-9.00	-150.00	0.00715	9.00	-150.00	0.00795	
11.00	-150.00	0.00721	13.00	-150.00	0.00662	
15.00	-150.00	0.00613	17.00	-150.00	0.00570	

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

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

18:56:35  
 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00516	25.00	-150.00	0.00443
30.00	-150.00	0.00388	40.00	-150.00	0.00305
50.00	-150.00	0.00246	60.00	-150.00	0.00201
70.00	-150.00	0.00166	80.00	-150.00	0.00139
90.00	-150.00	0.00118	100.00	-150.00	0.00101



10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-140.00	0.00039	-90.00	-140.00	0.00050	
-80.00	-140.00	0.00064	-70.00	-140.00	0.00085	
-60.00	-140.00	0.00114	-50.00	-140.00	0.00157	
-40.00	-140.00	0.00220	-30.00	-140.00	0.00314	
-25.00	-140.00	0.00378	-20.00	-140.00	0.00459	
-17.00	-140.00	0.00517	-15.00	-140.00	0.00560	
-13.00	-140.00	0.00608	-11.00	-140.00	0.00663	
-9.00	-140.00	0.00727	9.00	-140.00	0.00724	
11.00	-140.00	0.00654	13.00	-140.00	0.00599	
15.00	-140.00	0.00556	17.00	-140.00	0.00519	
20.00	-140.00	0.00472	25.00	-140.00	0.00409	
30.00	-140.00	0.00359	40.00	-140.00	0.00286	
50.00	-140.00	0.00232	60.00	-140.00	0.00191	
70.00	-140.00	0.00159	80.00	-140.00	0.00134	
90.00	-140.00	0.00114	100.00	-140.00	0.00098	
-100.00	-130.00	0.00043	-90.00	-130.00	0.00055	
-80.00	-130.00	0.00071	-70.00	-130.00	0.00093	
-60.00	-130.00	0.00125	-50.00	-130.00	0.00169	
-40.00	-130.00	0.00233	-30.00	-130.00	0.00328	
-25.00	-130.00	0.00393	-20.00	-130.00	0.00471	
-17.00	-130.00	0.00527	-15.00	-130.00	0.00568	
-13.00	-130.00	0.00614	-11.00	-130.00	0.00665	
-9.00	-130.00	0.00720	9.00	-130.00	0.00620	
11.00	-130.00	0.00575	13.00	-130.00	0.00535	
15.00	-130.00	0.00500	17.00	-130.00	0.00469	
20.00	-130.00	0.00430	25.00	-130.00	0.00375	
30.00	-130.00	0.00332	40.00	-130.00	0.00267	
50.00	-130.00	0.00218	60.00	-130.00	0.00181	
70.00	-130.00	0.00152	80.00	-130.00	0.00129	
90.00	-130.00	0.00111	100.00	-130.00	0.00096	
-100.00	-120.00	0.00047	-90.00	-120.00	0.00060	
-80.00	-120.00	0.00078	-70.00	-120.00	0.00101	
-60.00	-120.00	0.00134	-50.00	-120.00	0.00179	
-40.00	-120.00	0.00244	-30.00	-120.00	0.00337	
-25.00	-120.00	0.00397	-20.00	-120.00	0.00466	

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

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

18:56:35

\*\*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

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-120.00	0.00511	-15.00	-120.00	0.00542
-13.00	-120.00	0.00572	-11.00	-120.00	0.00600
-9.00	-120.00	0.00624	9.00	-120.00	0.00501
11.00	-120.00	0.00473	13.00	-120.00	0.00447
15.00	-120.00	0.00424	17.00	-120.00	0.00402
20.00	-120.00	0.00372	25.00	-120.00	0.00331
30.00	-120.00	0.00295	40.00	-120.00	0.00242
50.00	-120.00	0.00201	60.00	-120.00	0.00169
70.00	-120.00	0.00144	80.00	-120.00	0.00123
90.00	-120.00	0.00106	100.00	-120.00	0.00092
-100.00	-110.00	0.00052	-90.00	-110.00	0.00065
-80.00	-110.00	0.00084	-70.00	-110.00	0.00108
-60.00	-110.00	0.00141	-50.00	-110.00	0.00186
-40.00	-110.00	0.00248	-30.00	-110.00	0.00330
-25.00	-110.00	0.00376	-20.00	-110.00	0.00424
-17.00	-110.00	0.00451	-15.00	-110.00	0.00468
-13.00	-110.00	0.00483	-11.00	-110.00	0.00495
-9.00	-110.00	0.00503	9.00	-110.00	0.00406
11.00	-110.00	0.00387	13.00	-110.00	0.00368
15.00	-110.00	0.00352	17.00	-110.00	0.00336
20.00	-110.00	0.00315	25.00	-110.00	0.00284
30.00	-110.00	0.00258	40.00	-110.00	0.00215
50.00	-110.00	0.00181	60.00	-110.00	0.00154
70.00	-110.00	0.00133	80.00	-110.00	0.00115
90.00	-110.00	0.00100	100.00	-110.00	0.00088
-100.00	-100.00	0.00056	-90.00	-100.00	0.00070
-80.00	-100.00	0.00089	-70.00	-100.00	0.00113
-60.00	-100.00	0.00145	-50.00	-100.00	0.00188
-40.00	-100.00	0.00241	-30.00	-100.00	0.00304
-25.00	-100.00	0.00336	-20.00	-100.00	0.00366
-17.00	-100.00	0.00381	-15.00	-100.00	0.00390
-13.00	-100.00	0.00397	-11.00	-100.00	0.00401
-9.00	-100.00	0.00404	9.00	-100.00	0.00334
11.00	-100.00	0.00320	13.00	-100.00	0.00306
15.00	-100.00	0.00294	17.00	-100.00	0.00282
20.00	-100.00	0.00266	25.00	-100.00	0.00243
30.00	-100.00	0.00223	40.00	-100.00	0.00189
50.00	-100.00	0.00162	60.00	-100.00	0.00140
70.00	-100.00	0.00121	80.00	-100.00	0.00106
90.00	-100.00	0.00093	100.00	-100.00	0.00083

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

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:  
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	0.00060	-90.00	-90.00	0.00074	
-80.00	-90.00	0.00093	-70.00	-90.00	0.00116	
-60.00	-90.00	0.00146	-50.00	-90.00	0.00183	
-40.00	-90.00	0.00225	-30.00	-90.00	0.00271	
-25.00	-90.00	0.00292	-20.00	-90.00	0.00311	
-17.00	-90.00	0.00319	-15.00	-90.00	0.00323	
-13.00	-90.00	0.00325	-11.00	-90.00	0.00327	
-9.00	-90.00	0.00327	9.00	-90.00	0.00278	
11.00	-90.00	0.00268	13.00	-90.00	0.00258	
15.00	-90.00	0.00248	17.00	-90.00	0.00239	
20.00	-90.00	0.00226	25.00	-90.00	0.00208	
30.00	-90.00	0.00192	40.00	-90.00	0.00166	
50.00	-90.00	0.00144	60.00	-90.00	0.00126	
70.00	-90.00	0.00111	80.00	-90.00	0.00098	
90.00	-90.00	0.00087	100.00	-90.00	0.00077	
-100.00	-80.00	0.00063	-90.00	-80.00	0.00077	
-80.00	-80.00	0.00095	-70.00	-80.00	0.00116	
-60.00	-80.00	0.00142	-50.00	-80.00	0.00172	
-40.00	-80.00	0.00205	-30.00	-80.00	0.00238	
-25.00	-80.00	0.00252	-20.00	-80.00	0.00263	
-17.00	-80.00	0.00267	-15.00	-80.00	0.00268	
-13.00	-80.00	0.00269	-11.00	-80.00	0.00269	
-9.00	-80.00	0.00269	9.00	-80.00	0.00234	
11.00	-80.00	0.00227	13.00	-80.00	0.00219	
15.00	-80.00	0.00212	17.00	-80.00	0.00205	
20.00	-80.00	0.00195	25.00	-80.00	0.00180	
30.00	-80.00	0.00167	40.00	-80.00	0.00146	
50.00	-80.00	0.00129	60.00	-80.00	0.00114	
70.00	-80.00	0.00101	80.00	-80.00	0.00090	
90.00	-80.00	0.00080	100.00	-80.00	0.00072	
-100.00	-70.00	0.00065	-90.00	-70.00	0.00078	
-80.00	-70.00	0.00095	-70.00	-70.00	0.00114	
-60.00	-70.00	0.00135	-50.00	-70.00	0.00159	
-40.00	-70.00	0.00185	-30.00	-70.00	0.00208	
-25.00	-70.00	0.00217	-20.00	-70.00	0.00223	
-17.00	-70.00	0.00225	-15.00	-70.00	0.00225	
-13.00	-70.00	0.00225	-11.00	-70.00	0.00225	

	-9.00	-70.00	10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound 0.00224	9.00	-70.00	0.00199
	11.00	-70.00	0.00193	13.00	-70.00	0.00188
	15.00	-70.00	0.00182	17.00	-70.00	0.00177

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 110  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00169	25.00	-70.00	0.00157
30.00	-70.00	0.00146	40.00	-70.00	0.00129
50.00	-70.00	0.00115	60.00	-70.00	0.00103
70.00	-70.00	0.00092	80.00	-70.00	0.00082
90.00	-70.00	0.00074	100.00	-70.00	0.00067
-100.00	-60.00	0.00066	-90.00	-60.00	0.00078
-80.00	-60.00	0.00093	-70.00	-60.00	0.00109
-60.00	-60.00	0.00127	-50.00	-60.00	0.00146
-40.00	-60.00	0.00165	-30.00	-60.00	0.00182
-25.00	-60.00	0.00187	-20.00	-60.00	0.00190
-17.00	-60.00	0.00191	-15.00	-60.00	0.00191
-13.00	-60.00	0.00191	-11.00	-60.00	0.00190
-9.00	-60.00	0.00190	9.00	-60.00	0.00171
11.00	-60.00	0.00167	13.00	-60.00	0.00163
15.00	-60.00	0.00158	17.00	-60.00	0.00154
20.00	-60.00	0.00148	25.00	-60.00	0.00138
30.00	-60.00	0.00129	40.00	-60.00	0.00114
50.00	-60.00	0.00102	60.00	-60.00	0.00093
70.00	-60.00	0.00084	80.00	-60.00	0.00076
90.00	-60.00	0.00068	100.00	-60.00	0.00062
-100.00	-50.00	0.00066	-90.00	-50.00	0.00077
-80.00	-50.00	0.00089	-70.00	-50.00	0.00103
-60.00	-50.00	0.00118	-50.00	-50.00	0.00133
-40.00	-50.00	0.00148	-30.00	-50.00	0.00159
-25.00	-50.00	0.00162	-20.00	-50.00	0.00164
-17.00	-50.00	0.00164	-15.00	-50.00	0.00164
-13.00	-50.00	0.00164	-11.00	-50.00	0.00163
-9.00	-50.00	0.00163	9.00	-50.00	0.00148
11.00	-50.00	0.00145	13.00	-50.00	0.00142
15.00	-50.00	0.00139	17.00	-50.00	0.00135
20.00	-50.00	0.00130	25.00	-50.00	0.00122

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
30.00	-50.00	0.00115	40.00	-50.00	0.00102	
50.00	-50.00	0.00092	60.00	-50.00	0.00084	
70.00	-50.00	0.00076	80.00	-50.00	0.00070	
90.00	-50.00	0.00063	100.00	-50.00	0.00058	
-100.00	-40.00	0.00065	-90.00	-40.00	0.00075	
-80.00	-40.00	0.00085	-70.00	-40.00	0.00097	
-60.00	-40.00	0.00109	-50.00	-40.00	0.00121	
-40.00	-40.00	0.00132	-30.00	-40.00	0.00140	
-25.00	-40.00	0.00142	-20.00	-40.00	0.00142	

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
-17.00	-40.00	0.00142	-15.00	-40.00	0.00142
-13.00	-40.00	0.00142	-11.00	-40.00	0.00141
-9.00	-40.00	0.00141	9.00	-40.00	0.00129
11.00	-40.00	0.00127	13.00	-40.00	0.00125
15.00	-40.00	0.00122	17.00	-40.00	0.00119
20.00	-40.00	0.00115	25.00	-40.00	0.00109
30.00	-40.00	0.00102	40.00	-40.00	0.00092
50.00	-40.00	0.00083	60.00	-40.00	0.00076
70.00	-40.00	0.00070	80.00	-40.00	0.00064
90.00	-40.00	0.00059	100.00	-40.00	0.00054
-100.00	-30.00	0.00063	-90.00	-30.00	0.00071
-80.00	-30.00	0.00081	-70.00	-30.00	0.00090
-60.00	-30.00	0.00100	-50.00	-30.00	0.00110
-40.00	-30.00	0.00119	-30.00	-30.00	0.00124
-25.00	-30.00	0.00125	-20.00	-30.00	0.00125
-17.00	-30.00	0.00125	-15.00	-30.00	0.00124
-13.00	-30.00	0.00124	-11.00	-30.00	0.00124
-9.00	-30.00	0.00123	9.00	-30.00	0.00114
11.00	-30.00	0.00112	13.00	-30.00	0.00110
15.00	-30.00	0.00108	17.00	-30.00	0.00106
20.00	-30.00	0.00103	25.00	-30.00	0.00097
30.00	-30.00	0.00092	40.00	-30.00	0.00083
50.00	-30.00	0.00075	60.00	-30.00	0.00069
70.00	-30.00	0.00064	80.00	-30.00	0.00059
90.00	-30.00	0.00054	100.00	-30.00	0.00050

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-20.00	0.00061	-90.00	-20.00	0.00068	
-80.00	-20.00	0.00076	-70.00	-20.00	0.00084	
-60.00	-20.00	0.00093	-50.00	-20.00	0.00101	
-40.00	-20.00	0.00107	-30.00	-20.00	0.00110	
-25.00	-20.00	0.00110	-20.00	-20.00	0.00110	
-17.00	-20.00	0.00110	-15.00	-20.00	0.00110	
-13.00	-20.00	0.00110	-11.00	-20.00	0.00109	
-9.00	-20.00	0.00109	9.00	-20.00	0.00101	
11.00	-20.00	0.00100	13.00	-20.00	0.00098	
15.00	-20.00	0.00097	17.00	-20.00	0.00095	
20.00	-20.00	0.00092	25.00	-20.00	0.00088	
30.00	-20.00	0.00083	40.00	-20.00	0.00075	
50.00	-20.00	0.00069	60.00	-20.00	0.00063	
70.00	-20.00	0.00058	80.00	-20.00	0.00054	
90.00	-20.00	0.00050	100.00	-20.00	0.00047	

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	-10.00	0.00058	-90.00	-10.00	0.00065
-80.00	-10.00	0.00071	-70.00	-10.00	0.00078
-60.00	-10.00	0.00085	-50.00	-10.00	0.00092
-40.00	-10.00	0.00096	-30.00	-10.00	0.00098
-25.00	-10.00	0.00098	-20.00	-10.00	0.00098
-17.00	-10.00	0.00098	-15.00	-10.00	0.00098
-13.00	-10.00	0.00097	-11.00	-10.00	0.00097
-9.00	-10.00	0.00097	9.00	-10.00	0.00090
11.00	-10.00	0.00089	13.00	-10.00	0.00088
15.00	-10.00	0.00087	17.00	-10.00	0.00085
20.00	-10.00	0.00083	25.00	-10.00	0.00080
30.00	-10.00	0.00076	40.00	-10.00	0.00069
50.00	-10.00	0.00063	60.00	-10.00	0.00058
70.00	-10.00	0.00054	80.00	-10.00	0.00050
90.00	-10.00	0.00047	100.00	-10.00	0.00044
-100.00	0.00	0.00056	-90.00	0.00	0.00061
-80.00	0.00	0.00067	-70.00	0.00	0.00073
-60.00	0.00	0.00079	-50.00	0.00	0.00084
-40.00	0.00	0.00087	-30.00	0.00	0.00088

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-25.00	0.00	0.00088	-20.00	0.00	0.00088	
-17.00	0.00	0.00088	-15.00	0.00	0.00087	
-13.00	0.00	0.00087	-11.00	0.00	0.00087	
-9.00	0.00	0.00087	9.00	0.00	0.00081	
11.00	0.00	0.00080	13.00	0.00	0.00079	
15.00	0.00	0.00078	17.00	0.00	0.00077	
20.00	0.00	0.00075	25.00	0.00	0.00072	
30.00	0.00	0.00069	40.00	0.00	0.00063	
50.00	0.00	0.00058	60.00	0.00	0.00053	
70.00	0.00	0.00050	80.00	0.00	0.00046	
90.00	0.00	0.00043	100.00	0.00	0.00041	
-100.00	10.00	0.00053	-90.00	10.00	0.00058	
-80.00	10.00	0.00063	-70.00	10.00	0.00068	
-60.00	10.00	0.00073	-50.00	10.00	0.00076	
-40.00	10.00	0.00079	-30.00	10.00	0.00079	
-25.00	10.00	0.00079	-20.00	10.00	0.00079	
-17.00	10.00	0.00079	-15.00	10.00	0.00079	
-13.00	10.00	0.00078	-11.00	10.00	0.00078	
-9.00	10.00	0.00078	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	0.00070	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00066
30.00	10.00	0.00063	40.00	10.00	0.00058
50.00	10.00	0.00053	60.00	10.00	0.00049
70.00	10.00	0.00046	80.00	10.00	0.00043
90.00	10.00	0.00040	100.00	10.00	0.00038
-100.00	20.00	0.00050	-90.00	20.00	0.00055
-80.00	20.00	0.00059	-70.00	20.00	0.00063
-60.00	20.00	0.00067	-50.00	20.00	0.00070
-40.00	20.00	0.00072	-30.00	20.00	0.00072
-25.00	20.00	0.00072	-20.00	20.00	0.00072
-17.00	20.00	0.00071	-15.00	20.00	0.00071
-13.00	20.00	0.00071	-11.00	20.00	0.00071
-9.00	20.00	0.00071	9.00	20.00	0.00067

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	20.00	0.00066	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	0.00058	40.00	20.00	0.00054
50.00	20.00	0.00049	60.00	20.00	0.00046
70.00	20.00	0.00043	80.00	20.00	0.00040
90.00	20.00	0.00038	100.00	20.00	0.00036
-100.00	30.00	0.00048	-90.00	30.00	0.00052
-80.00	30.00	0.00056	-70.00	30.00	0.00059
-60.00	30.00	0.00062	-50.00	30.00	0.00064
-40.00	30.00	0.00065	-30.00	30.00	0.00066
-25.00	30.00	0.00065	-20.00	30.00	0.00065
-17.00	30.00	0.00065	-15.00	30.00	0.00065
-13.00	30.00	0.00065	-11.00	30.00	0.00064
-9.00	30.00	0.00064	9.00	30.00	0.00061
11.00	30.00	0.00060	13.00	30.00	0.00060
15.00	30.00	0.00059	17.00	30.00	0.00059
20.00	30.00	0.00058	25.00	30.00	0.00056
30.00	30.00	0.00054	40.00	30.00	0.00050
50.00	30.00	0.00046	60.00	30.00	0.00043
70.00	30.00	0.00040	80.00	30.00	0.00037
90.00	30.00	0.00035	100.00	30.00	0.00033
-100.00	40.00	0.00046	-90.00	40.00	0.00049
-80.00	40.00	0.00052	-70.00	40.00	0.00055
-60.00	40.00	0.00058	-50.00	40.00	0.00059
-40.00	40.00	0.00060	-30.00	40.00	0.00060
-25.00	40.00	0.00060	-20.00	40.00	0.00060

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00059	-15.00	40.00	0.00059
-13.00	40.00	0.00059	-11.00	40.00	0.00059
-9.00	40.00	0.00059	9.00	40.00	0.00056
11.00	40.00	0.00055	13.00	40.00	0.00055
15.00	40.00	0.00054	17.00	40.00	0.00054
20.00	40.00	0.00053	25.00	40.00	0.00051
30.00	40.00	0.00050	40.00	40.00	0.00046



10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	40.00	0.00043	60.00	40.00	0.00040
70.00	40.00	0.00037	80.00	40.00	0.00035
90.00	40.00	0.00033	100.00	40.00	0.00031
-100.00	50.00	0.00043	-90.00	50.00	0.00046
-80.00	50.00	0.00049	-70.00	50.00	0.00052
-60.00	50.00	0.00053	-50.00	50.00	0.00055
-40.00	50.00	0.00055	-30.00	50.00	0.00055
-25.00	50.00	0.00055	-20.00	50.00	0.00055
-17.00	50.00	0.00055	-15.00	50.00	0.00054
-13.00	50.00	0.00054	-11.00	50.00	0.00054
-9.00	50.00	0.00054	9.00	50.00	0.00051
11.00	50.00	0.00051	13.00	50.00	0.00051
15.00	50.00	0.00050	17.00	50.00	0.00050
20.00	50.00	0.00049	25.00	50.00	0.00048
30.00	50.00	0.00046	40.00	50.00	0.00043
50.00	50.00	0.00040	60.00	50.00	0.00037
70.00	50.00	0.00035	80.00	50.00	0.00033
90.00	50.00	0.00031	100.00	50.00	0.00030
-100.00	60.00	0.00041	-90.00	60.00	0.00044
-80.00	60.00	0.00046	-70.00	60.00	0.00048
-60.00	60.00	0.00050	-50.00	60.00	0.00051
-40.00	60.00	0.00051	-30.00	60.00	0.00051
-25.00	60.00	0.00051	-20.00	60.00	0.00050
-17.00	60.00	0.00050	-15.00	60.00	0.00050
-13.00	60.00	0.00050	-11.00	60.00	0.00050
-9.00	60.00	0.00050	9.00	60.00	0.00048
11.00	60.00	0.00047	13.00	60.00	0.00047
15.00	60.00	0.00046	17.00	60.00	0.00046
20.00	60.00	0.00045	25.00	60.00	0.00044
30.00	60.00	0.00043	40.00	60.00	0.00040
50.00	60.00	0.00037	60.00	60.00	0.00035
70.00	60.00	0.00033	80.00	60.00	0.00031
90.00	60.00	0.00029	100.00	60.00	0.00028

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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
-100.00	70.00	0.00039	-90.00	70.00	0.00041

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	70.00	0.00043	-70.00	70.00	0.00045
-60.00	70.00	0.00046	-50.00	70.00	0.00047
-40.00	70.00	0.00047	-30.00	70.00	0.00047
-25.00	70.00	0.00047	-20.00	70.00	0.00047
-17.00	70.00	0.00046	-15.00	70.00	0.00046
-13.00	70.00	0.00046	-11.00	70.00	0.00046
-9.00	70.00	0.00046	9.00	70.00	0.00044
11.00	70.00	0.00044	13.00	70.00	0.00043
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	0.00035	60.00	70.00	0.00033
70.00	70.00	0.00031	80.00	70.00	0.00029
90.00	70.00	0.00028	100.00	70.00	0.00026
-100.00	80.00	0.00037	-90.00	80.00	0.00039
-80.00	80.00	0.00041	-70.00	80.00	0.00042
-60.00	80.00	0.00043	-50.00	80.00	0.00044
-40.00	80.00	0.00044	-30.00	80.00	0.00044
-25.00	80.00	0.00043	-20.00	80.00	0.00043
-17.00	80.00	0.00043	-15.00	80.00	0.00043
-13.00	80.00	0.00043	-11.00	80.00	0.00043
-9.00	80.00	0.00043	9.00	80.00	0.00041
11.00	80.00	0.00041	13.00	80.00	0.00040
15.00	80.00	0.00040	17.00	80.00	0.00040
20.00	80.00	0.00039	25.00	80.00	0.00038
30.00	80.00	0.00037	40.00	80.00	0.00035
50.00	80.00	0.00033	60.00	80.00	0.00031
70.00	80.00	0.00029	80.00	80.00	0.00028
90.00	80.00	0.00026	100.00	80.00	0.00025
-100.00	90.00	0.00035	-90.00	90.00	0.00037
-80.00	90.00	0.00038	-70.00	90.00	0.00040
-60.00	90.00	0.00040	-50.00	90.00	0.00041
-40.00	90.00	0.00041	-30.00	90.00	0.00040
-25.00	90.00	0.00040	-20.00	90.00	0.00040
-17.00	90.00	0.00040	-15.00	90.00	0.00040
-13.00	90.00	0.00040	-11.00	90.00	0.00040
-9.00	90.00	0.00040	9.00	90.00	0.00038
11.00	90.00	0.00038	13.00	90.00	0.00038
15.00	90.00	0.00037	17.00	90.00	0.00037

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

\*\*\*

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	0.00033
50.00	90.00	0.00031	60.00	90.00	0.00029
70.00	90.00	0.00028	80.00	90.00	0.00026
90.00	90.00	0.00025	100.00	90.00	0.00024
-100.00	100.00	0.00034	-90.00	100.00	0.00035
-80.00	100.00	0.00036	-70.00	100.00	0.00037
-60.00	100.00	0.00038	-50.00	100.00	0.00038
-40.00	100.00	0.00038	-30.00	100.00	0.00038
-25.00	100.00	0.00038	-20.00	100.00	0.00037
-17.00	100.00	0.00037	-15.00	100.00	0.00037
-13.00	100.00	0.00037	-11.00	100.00	0.00037
-9.00	100.00	0.00037	9.00	100.00	0.00036
11.00	100.00	0.00035	13.00	100.00	0.00035
15.00	100.00	0.00035	17.00	100.00	0.00035
20.00	100.00	0.00034	25.00	100.00	0.00034
30.00	100.00	0.00033	40.00	100.00	0.00031
50.00	100.00	0.00029	60.00	100.00	0.00028
70.00	100.00	0.00026	80.00	100.00	0.00025
90.00	100.00	0.00024	100.00	100.00	0.00022
-100.00	110.00	0.00032	-90.00	110.00	0.00033
-80.00	110.00	0.00034	-70.00	110.00	0.00035
-60.00	110.00	0.00035	-50.00	110.00	0.00036
-40.00	110.00	0.00035	-30.00	110.00	0.00035
-25.00	110.00	0.00035	-20.00	110.00	0.00035
-17.00	110.00	0.00035	-15.00	110.00	0.00035
-13.00	110.00	0.00035	-11.00	110.00	0.00035
-9.00	110.00	0.00035	9.00	110.00	0.00033
11.00	110.00	0.00033	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	0.00029
50.00	110.00	0.00028	60.00	110.00	0.00026
70.00	110.00	0.00025	80.00	110.00	0.00023
90.00	110.00	0.00022	100.00	110.00	0.00021
-100.00	120.00	0.00030	-90.00	120.00	0.00031
-80.00	120.00	0.00032	-70.00	120.00	0.00033
-60.00	120.00	0.00033	-50.00	120.00	0.00033
-40.00	120.00	0.00033	-30.00	120.00	0.00033

-25.00 120.00 10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound  
 0.00033 -20.00 120.00 0.00033

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

18:56:35  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00033	-15.00	120.00	0.00033
-13.00	120.00	0.00033	-11.00	120.00	0.00033
-9.00	120.00	0.00032	9.00	120.00	0.00031
11.00	120.00	0.00031	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	0.00026	60.00	120.00	0.00025
70.00	120.00	0.00024	80.00	120.00	0.00022
90.00	120.00	0.00021	100.00	120.00	0.00020
-100.00	130.00	0.00029	-90.00	130.00	0.00030
-80.00	130.00	0.00031	-70.00	130.00	0.00031
-60.00	130.00	0.00031	-50.00	130.00	0.00031
-40.00	130.00	0.00031	-30.00	130.00	0.00031
-25.00	130.00	0.00031	-20.00	130.00	0.00031
-17.00	130.00	0.00031	-15.00	130.00	0.00031
-13.00	130.00	0.00031	-11.00	130.00	0.00031
-9.00	130.00	0.00030	9.00	130.00	0.00030
11.00	130.00	0.00029	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	0.00026
50.00	130.00	0.00025	60.00	130.00	0.00024
70.00	130.00	0.00022	80.00	130.00	0.00021
90.00	130.00	0.00020	100.00	130.00	0.00019
-100.00	140.00	0.00028	-90.00	140.00	0.00028
-80.00	140.00	0.00029	-70.00	140.00	0.00029
-60.00	140.00	0.00029	-50.00	140.00	0.00030
-40.00	140.00	0.00029	-30.00	140.00	0.00029
-25.00	140.00	0.00029	-20.00	140.00	0.00029
-17.00	140.00	0.00029	-15.00	140.00	0.00029
-13.00	140.00	0.00029	-11.00	140.00	0.00029
-9.00	140.00	0.00029	9.00	140.00	0.00028

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
11.00	140.00	0.00028	13.00	140.00	0.00028	
15.00	140.00	0.00027	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	0.00021	80.00	140.00	0.00020	
90.00	140.00	0.00019	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      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00026	-90.00	150.00	0.00027
-80.00	150.00	0.00027	-70.00	150.00	0.00028
-60.00	150.00	0.00028	-50.00	150.00	0.00028
-40.00	150.00	0.00028	-30.00	150.00	0.00028
-25.00	150.00	0.00027	-20.00	150.00	0.00027
-17.00	150.00	0.00027	-15.00	150.00	0.00027
-13.00	150.00	0.00027	-11.00	150.00	0.00027
-9.00	150.00	0.00027	9.00	150.00	0.00026
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	0.00021
70.00	150.00	0.00020	80.00	150.00	0.00019
90.00	150.00	0.00018	100.00	150.00	0.00018
-100.00	160.00	0.00025	-90.00	160.00	0.00026
-80.00	160.00	0.00026	-70.00	160.00	0.00026
-60.00	160.00	0.00026	-50.00	160.00	0.00026
-40.00	160.00	0.00026	-30.00	160.00	0.00026
-25.00	160.00	0.00026	-20.00	160.00	0.00026
-17.00	160.00	0.00026	-15.00	160.00	0.00026
-13.00	160.00	0.00026	-11.00	160.00	0.00026
-9.00	160.00	0.00026	9.00	160.00	0.00025
11.00	160.00	0.00025	13.00	160.00	0.00025
15.00	160.00	0.00024	17.00	160.00	0.00024
20.00	160.00	0.00024	25.00	160.00	0.00024
30.00	160.00	0.00023	40.00	160.00	0.00022

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
50.00	160.00	0.00022	60.00	160.00	0.00020	
70.00	160.00	0.00019	80.00	160.00	0.00019	
90.00	160.00	0.00018	100.00	160.00	0.00017	
-100.00	170.00	0.00024	-90.00	170.00	0.00024	
-80.00	170.00	0.00025	-70.00	170.00	0.00025	
-60.00	170.00	0.00025	-50.00	170.00	0.00025	
-40.00	170.00	0.00025	-30.00	170.00	0.00025	
-25.00	170.00	0.00025	-20.00	170.00	0.00024	
-17.00	170.00	0.00024	-15.00	170.00	0.00024	
-13.00	170.00	0.00024	-11.00	170.00	0.00024	
-9.00	170.00	0.00024	9.00	170.00	0.00024	
11.00	170.00	0.00023	13.00	170.00	0.00023	
15.00	170.00	0.00023	17.00	170.00	0.00023	

1 \*\*\* ICSST3 - 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	170.00	0.00023	25.00	170.00	0.00023	
30.00	170.00	0.00022	40.00	170.00	0.00021	
50.00	170.00	0.00021	60.00	170.00	0.00020	
70.00	170.00	0.00019	80.00	170.00	0.00018	
90.00	170.00	0.00017	100.00	170.00	0.00016	
-100.00	180.00	0.00023	-90.00	180.00	0.00023	
-80.00	180.00	0.00023	-70.00	180.00	0.00024	
-60.00	180.00	0.00024	-50.00	180.00	0.00024	
-40.00	180.00	0.00024	-30.00	180.00	0.00023	
-25.00	180.00	0.00023	-20.00	180.00	0.00023	
-17.00	180.00	0.00023	-15.00	180.00	0.00023	
-13.00	180.00	0.00023	-11.00	180.00	0.00023	
-9.00	180.00	0.00023	9.00	180.00	0.00022	
11.00	180.00	0.00022	13.00	180.00	0.00022	
15.00	180.00	0.00022	17.00	180.00	0.00022	
20.00	180.00	0.00022	25.00	180.00	0.00021	
30.00	180.00	0.00021	40.00	180.00	0.00020	
50.00	180.00	0.00020	60.00	180.00	0.00019	
70.00	180.00	0.00018	80.00	180.00	0.00017	
90.00	180.00	0.00016	100.00	180.00	0.00016	
-100.00	190.00	0.00022	-90.00	190.00	0.00022	

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
-80.00	190.00	0.00022	-70.00	190.00	0.00022
-60.00	190.00	0.00022	-50.00	190.00	0.00022
-40.00	190.00	0.00022	-30.00	190.00	0.00022
-25.00	190.00	0.00022	-20.00	190.00	0.00022
-17.00	190.00	0.00022	-15.00	190.00	0.00022
-13.00	190.00	0.00022	-11.00	190.00	0.00022
-9.00	190.00	0.00022	9.00	190.00	0.00021
11.00	190.00	0.00021	13.00	190.00	0.00021
15.00	190.00	0.00021	17.00	190.00	0.00021
20.00	190.00	0.00021	25.00	190.00	0.00020
30.00	190.00	0.00020	40.00	190.00	0.00019
50.00	190.00	0.00019	60.00	190.00	0.00018
70.00	190.00	0.00017	80.00	190.00	0.00016
90.00	190.00	0.00016	100.00	190.00	0.00015
-100.00	200.00	0.00021	-90.00	200.00	0.00021
-80.00	200.00	0.00021	-70.00	200.00	0.00021
-60.00	200.00	0.00021	-50.00	200.00	0.00021
-40.00	200.00	0.00021	-30.00	200.00	0.00021
-25.00	200.00	0.00021	-20.00	200.00	0.00021

1 \*\*\* ICSST3 - 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
-17.00	200.00	0.00021	-15.00	200.00	0.00021
-13.00	200.00	0.00021	-11.00	200.00	0.00021
-9.00	200.00	0.00021	9.00	200.00	0.00020
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	0.00019
30.00	200.00	0.00019	40.00	200.00	0.00019
50.00	200.00	0.00018	60.00	200.00	0.00017
70.00	200.00	0.00016	80.00	200.00	0.00016
90.00	200.00	0.00015	100.00	200.00	0.00014
-100.00	210.00	0.00020	-90.00	210.00	0.00020
-80.00	210.00	0.00020	-70.00	210.00	0.00020
-60.00	210.00	0.00020	-50.00	210.00	0.00020
-40.00	210.00	0.00020	-30.00	210.00	0.00020
-25.00	210.00	0.00020	-20.00	210.00	0.00020

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-17.00	210.00	0.00020	-15.00	210.00	0.00020	
-13.00	210.00	0.00020	-11.00	210.00	0.00020	
-9.00	210.00	0.00020	9.00	210.00	0.00019	
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	0.00016	
70.00	210.00	0.00016	80.00	210.00	0.00015	
90.00	210.00	0.00014	100.00	210.00	0.00014	
-100.00	220.00	0.00019	-90.00	220.00	0.00019	
-80.00	220.00	0.00019	-70.00	220.00	0.00019	
-60.00	220.00	0.00019	-50.00	220.00	0.00019	
-40.00	220.00	0.00019	-30.00	220.00	0.00019	
-25.00	220.00	0.00019	-20.00	220.00	0.00019	
-17.00	220.00	0.00019	-15.00	220.00	0.00019	
-13.00	220.00	0.00019	-11.00	220.00	0.00019	
-9.00	220.00	0.00019	9.00	220.00	0.00018	
11.00	220.00	0.00018	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	0.00016	60.00	220.00	0.00016	
70.00	220.00	0.00015	80.00	220.00	0.00015	
90.00	220.00	0.00014	100.00	220.00	0.00013	

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	230.00	0.00018	-90.00	230.00	0.00018
-80.00	230.00	0.00019	-70.00	230.00	0.00019
-60.00	230.00	0.00019	-50.00	230.00	0.00018
-40.00	230.00	0.00018	-30.00	230.00	0.00018
-25.00	230.00	0.00018	-20.00	230.00	0.00018
-17.00	230.00	0.00018	-15.00	230.00	0.00018
-13.00	230.00	0.00018	-11.00	230.00	0.00018
-9.00	230.00	0.00018	9.00	230.00	0.00018
11.00	230.00	0.00018	13.00	230.00	0.00017



10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
15.00	230.00	0.00017	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	0.00014	
90.00	230.00	0.00013	100.00	230.00	0.00013	
-100.00	240.00	0.00018	-90.00	240.00	0.00018	
-80.00	240.00	0.00018	-70.00	240.00	0.00018	
-60.00	240.00	0.00018	-50.00	240.00	0.00018	
-40.00	240.00	0.00018	-30.00	240.00	0.00017	
-25.00	240.00	0.00017	-20.00	240.00	0.00017	
-17.00	240.00	0.00017	-15.00	240.00	0.00017	
-13.00	240.00	0.00017	-11.00	240.00	0.00017	
-9.00	240.00	0.00017	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	0.00016	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	0.00013	
90.00	240.00	0.00013	100.00	240.00	0.00012	
-100.00	250.00	0.00017	-90.00	250.00	0.00017	
-80.00	250.00	0.00017	-70.00	250.00	0.00017	
-60.00	250.00	0.00017	-50.00	250.00	0.00017	
-40.00	250.00	0.00017	-30.00	250.00	0.00017	
-25.00	250.00	0.00017	-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	0.00016	
-9.00	250.00	0.00016	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 \*\*\*

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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	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

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound  
 70.00 250.00 0.00014 80.00 250.00 0.00013  
 90.00 250.00 0.00012 100.00 250.00 0.00012

1 \*\*\* ICSCT3 - 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

\*\*\* 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	0.00052	-90.00	-250.00	0.00057
-80.00	-250.00	0.00062	-70.00	-250.00	0.00069
-60.00	-250.00	0.00077	-50.00	-250.00	0.00086
-40.00	-250.00	0.00098	-30.00	-250.00	0.00111
-25.00	-250.00	0.00119	-20.00	-250.00	0.00128
-17.00	-250.00	0.00133	-15.00	-250.00	0.00137
-13.00	-250.00	0.00142	-11.00	-250.00	0.00146
-9.00	-250.00	0.00151	9.00	-250.00	0.00231
11.00	-250.00	0.00238	13.00	-250.00	0.00245
15.00	-250.00	0.00252	17.00	-250.00	0.00258
20.00	-250.00	0.00265	25.00	-250.00	0.00274
30.00	-250.00	0.00276	40.00	-250.00	0.00271
50.00	-250.00	0.00258	60.00	-250.00	0.00242
70.00	-250.00	0.00225	80.00	-250.00	0.00209
90.00	-250.00	0.00194	100.00	-250.00	0.00181
-100.00	-240.00	0.00054	-90.00	-240.00	0.00060
-80.00	-240.00	0.00066	-70.00	-240.00	0.00074
-60.00	-240.00	0.00082	-50.00	-240.00	0.00093
-40.00	-240.00	0.00106	-30.00	-240.00	0.00121
-25.00	-240.00	0.00131	-20.00	-240.00	0.00142
-17.00	-240.00	0.00149	-15.00	-240.00	0.00155
-13.00	-240.00	0.00160	-11.00	-240.00	0.00167
-9.00	-240.00	0.00173	9.00	-240.00	0.00292
11.00	-240.00	0.00304	13.00	-240.00	0.00313
15.00	-240.00	0.00321	17.00	-240.00	0.00326
20.00	-240.00	0.00331	25.00	-240.00	0.00333
30.00	-240.00	0.00328	40.00	-240.00	0.00311
50.00	-240.00	0.00289	60.00	-240.00	0.00266
70.00	-240.00	0.00245	80.00	-240.00	0.00226
90.00	-240.00	0.00208	100.00	-240.00	0.00193
-100.00	-230.00	0.00057	-90.00	-230.00	0.00063
-80.00	-230.00	0.00070	-70.00	-230.00	0.00079

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
-60.00	-230.00	0.00088	-50.00	-230.00	0.00100
-40.00	-230.00	0.00115	-30.00	-230.00	0.00133
-25.00	-230.00	0.00144	-20.00	-230.00	0.00156
-17.00	-230.00	0.00165	-15.00	-230.00	0.00172
-13.00	-230.00	0.00180	-11.00	-230.00	0.00189
-9.00	-230.00	0.00199	9.00	-230.00	0.00397
11.00	-230.00	0.00403	13.00	-230.00	0.00405
15.00	-230.00	0.00405	17.00	-230.00	0.00404

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

18:56:35  
 \*\*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	0.00401	25.00	-230.00	0.00391
30.00	-230.00	0.00378	40.00	-230.00	0.00349
50.00	-230.00	0.00319	60.00	-230.00	0.00291
70.00	-230.00	0.00265	80.00	-230.00	0.00242
90.00	-230.00	0.00222	100.00	-230.00	0.00204
-100.00	-220.00	0.00060	-90.00	-220.00	0.00067
-80.00	-220.00	0.00075	-70.00	-220.00	0.00084
-60.00	-220.00	0.00095	-50.00	-220.00	0.00109
-40.00	-220.00	0.00125	-30.00	-220.00	0.00146
-25.00	-220.00	0.00159	-20.00	-220.00	0.00175
-17.00	-220.00	0.00186	-15.00	-220.00	0.00194
-13.00	-220.00	0.00205	-11.00	-220.00	0.00218
-9.00	-220.00	0.00237	9.00	-220.00	0.00524
11.00	-220.00	0.00508	13.00	-220.00	0.00496
15.00	-220.00	0.00487	17.00	-220.00	0.00478
20.00	-220.00	0.00465	25.00	-220.00	0.00445
30.00	-220.00	0.00425	40.00	-220.00	0.00385
50.00	-220.00	0.00347	60.00	-220.00	0.00313
70.00	-220.00	0.00283	80.00	-220.00	0.00257
90.00	-220.00	0.00234	100.00	-220.00	0.00214
-100.00	-210.00	0.00063	-90.00	-210.00	0.00071
-80.00	-210.00	0.00079	-70.00	-210.00	0.00089
-60.00	-210.00	0.00102	-50.00	-210.00	0.00117
-40.00	-210.00	0.00136	-30.00	-210.00	0.00162
-25.00	-210.00	0.00180	-20.00	-210.00	0.00205
-17.00	-210.00	0.00227	-15.00	-210.00	0.00247

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound					
-13.00	-210.00	0.00273	-11.00	-210.00	0.00309
-9.00	-210.00	0.00358	9.00	-210.00	0.00662
11.00	-210.00	0.00629	13.00	-210.00	0.00604
15.00	-210.00	0.00583	17.00	-210.00	0.00565
20.00	-210.00	0.00542	25.00	-210.00	0.00508
30.00	-210.00	0.00478	40.00	-210.00	0.00424
50.00	-210.00	0.00377	60.00	-210.00	0.00337
70.00	-210.00	0.00302	80.00	-210.00	0.00272
90.00	-210.00	0.00247	100.00	-210.00	0.00225
-100.00	-200.00	0.00066	-90.00	-200.00	0.00074
-80.00	-200.00	0.00084	-70.00	-200.00	0.00095
-60.00	-200.00	0.00109	-50.00	-200.00	0.00127
-40.00	-200.00	0.00152	-30.00	-200.00	0.00191
-25.00	-200.00	0.00222	-20.00	-200.00	0.00269

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

18:56:35  
 \*\*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	0.00343
-13.00	-200.00	0.00384	-11.00	-200.00	0.00435
-9.00	-200.00	0.00500	9.00	-200.00	0.00776
11.00	-200.00	0.00734	13.00	-200.00	0.00701
15.00	-200.00	0.00673	17.00	-200.00	0.00648
20.00	-200.00	0.00615	25.00	-200.00	0.00569
30.00	-200.00	0.00530	40.00	-200.00	0.00464
50.00	-200.00	0.00409	60.00	-200.00	0.00362
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	0.00070	-90.00	-190.00	0.00078
-80.00	-190.00	0.00089	-70.00	-190.00	0.00102
-60.00	-190.00	0.00118	-50.00	-190.00	0.00141
-40.00	-190.00	0.00175	-30.00	-190.00	0.00235
-25.00	-190.00	0.00281	-20.00	-190.00	0.00346
-17.00	-190.00	0.00398	-15.00	-190.00	0.00439
-13.00	-190.00	0.00488	-11.00	-190.00	0.00546
-9.00	-190.00	0.00618	9.00	-190.00	0.00865
11.00	-190.00	0.00817	13.00	-190.00	0.00779
15.00	-190.00	0.00746	17.00	-190.00	0.00717

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
20.00	-190.00	0.00679	25.00	-190.00	0.00624	
30.00	-190.00	0.00578	40.00	-190.00	0.00501	
50.00	-190.00	0.00438	60.00	-190.00	0.00385	
70.00	-190.00	0.00341	80.00	-190.00	0.00304	
90.00	-190.00	0.00273	100.00	-190.00	0.00247	
-100.00	-180.00	0.00073	-90.00	-180.00	0.00083	
-80.00	-180.00	0.00094	-70.00	-180.00	0.00110	
-60.00	-180.00	0.00130	-50.00	-180.00	0.00160	
-40.00	-180.00	0.00207	-30.00	-180.00	0.00284	
-25.00	-180.00	0.00341	-20.00	-180.00	0.00417	
-17.00	-180.00	0.00476	-15.00	-180.00	0.00522	
-13.00	-180.00	0.00575	-11.00	-180.00	0.00637	
-9.00	-180.00	0.00710	9.00	-180.00	0.00937	
11.00	-180.00	0.00884	13.00	-180.00	0.00841	
15.00	-180.00	0.00805	17.00	-180.00	0.00773	
20.00	-180.00	0.00731	25.00	-180.00	0.00671	
30.00	-180.00	0.00620	40.00	-180.00	0.00534	
50.00	-180.00	0.00464	60.00	-180.00	0.00407	
70.00	-180.00	0.00360	80.00	-180.00	0.00320	
90.00	-180.00	0.00286	100.00	-180.00	0.00258	

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
-100.00	-170.00	0.00077	-90.00	-170.00	0.00088
-80.00	-170.00	0.00101	-70.00	-170.00	0.00120
-60.00	-170.00	0.00145	-50.00	-170.00	0.00183
-40.00	-170.00	0.00240	-30.00	-170.00	0.00331
-25.00	-170.00	0.00395	-20.00	-170.00	0.00479
-17.00	-170.00	0.00542	-15.00	-170.00	0.00590
-13.00	-170.00	0.00645	-11.00	-170.00	0.00708
-9.00	-170.00	0.00782	9.00	-170.00	0.00995
11.00	-170.00	0.00938	13.00	-170.00	0.00892
15.00	-170.00	0.00854	17.00	-170.00	0.00819
20.00	-170.00	0.00774	25.00	-170.00	0.00710
30.00	-170.00	0.00655	40.00	-170.00	0.00563
50.00	-170.00	0.00488	60.00	-170.00	0.00427
70.00	-170.00	0.00376	80.00	-170.00	0.00334

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
90.00	-170.00	0.00298	100.00	-170.00	0.00268	
-100.00	-160.00	0.00082	-90.00	-160.00	0.00094	
-80.00	-160.00	0.00110	-70.00	-160.00	0.00132	
-60.00	-160.00	0.00163	-50.00	-160.00	0.00207	
-40.00	-160.00	0.00273	-30.00	-160.00	0.00373	
-25.00	-160.00	0.00442	-20.00	-160.00	0.00531	
-17.00	-160.00	0.00596	-15.00	-160.00	0.00646	
-13.00	-160.00	0.00701	-11.00	-160.00	0.00764	
-9.00	-160.00	0.00838	9.00	-160.00	0.01042	
11.00	-160.00	0.00982	13.00	-160.00	0.00934	
15.00	-160.00	0.00894	17.00	-160.00	0.00858	
20.00	-160.00	0.00810	25.00	-160.00	0.00742	
30.00	-160.00	0.00685	40.00	-160.00	0.00588	
50.00	-160.00	0.00509	60.00	-160.00	0.00444	
70.00	-160.00	0.00391	80.00	-160.00	0.00347	
90.00	-160.00	0.00309	100.00	-160.00	0.00278	
-100.00	-150.00	0.00087	-90.00	-150.00	0.00101	
-80.00	-150.00	0.00120	-70.00	-150.00	0.00145	
-60.00	-150.00	0.00181	-50.00	-150.00	0.00231	
-40.00	-150.00	0.00303	-30.00	-150.00	0.00410	
-25.00	-150.00	0.00483	-20.00	-150.00	0.00574	
-17.00	-150.00	0.00641	-15.00	-150.00	0.00691	
-13.00	-150.00	0.00746	-11.00	-150.00	0.00809	
-9.00	-150.00	0.00883	9.00	-150.00	0.01081	
11.00	-150.00	0.01019	13.00	-150.00	0.00969	
15.00	-150.00	0.00927	17.00	-150.00	0.00890	

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
20.00	-150.00	0.00840	25.00	-150.00	0.00770
30.00	-150.00	0.00710	40.00	-150.00	0.00610
50.00	-150.00	0.00528	60.00	-150.00	0.00460
70.00	-150.00	0.00405	80.00	-150.00	0.00358
90.00	-150.00	0.00320	100.00	-150.00	0.00287
-100.00	-140.00	0.00093	-90.00	-140.00	0.00109
-80.00	-140.00	0.00130	-70.00	-140.00	0.00159
-60.00	-140.00	0.00199	-50.00	-140.00	0.00253

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-140.00	0.00330	-30.00	-140.00	0.00442
-25.00	-140.00	0.00517	-20.00	-140.00	0.00610
-17.00	-140.00	0.00677	-15.00	-140.00	0.00727
-13.00	-140.00	0.00783	-11.00	-140.00	0.00846
-9.00	-140.00	0.00921	9.00	-140.00	0.01115
11.00	-140.00	0.01051	13.00	-140.00	0.00998
15.00	-140.00	0.00955	17.00	-140.00	0.00917
20.00	-140.00	0.00866	25.00	-140.00	0.00793
30.00	-140.00	0.00731	40.00	-140.00	0.00628
50.00	-140.00	0.00544	60.00	-140.00	0.00475
70.00	-140.00	0.00417	80.00	-140.00	0.00369
90.00	-140.00	0.00329	100.00	-140.00	0.00295
-100.00	-130.00	0.00100	-90.00	-130.00	0.00118
-80.00	-130.00	0.00141	-70.00	-130.00	0.00173
-60.00	-130.00	0.00215	-50.00	-130.00	0.00273
-40.00	-130.00	0.00354	-30.00	-130.00	0.00470
-25.00	-130.00	0.00546	-20.00	-130.00	0.00640
-17.00	-130.00	0.00707	-15.00	-130.00	0.00757
-13.00	-130.00	0.00813	-11.00	-130.00	0.00877
-9.00	-130.00	0.00951	9.00	-130.00	0.01138
11.00	-130.00	0.01077	13.00	-130.00	0.01025
15.00	-130.00	0.00980	17.00	-130.00	0.00941
20.00	-130.00	0.00888	25.00	-130.00	0.00813
30.00	-130.00	0.00750	40.00	-130.00	0.00644
50.00	-130.00	0.00558	60.00	-130.00	0.00487
70.00	-130.00	0.00428	80.00	-130.00	0.00378
90.00	-130.00	0.00337	100.00	-130.00	0.00302
-100.00	-120.00	0.00107	-90.00	-120.00	0.00127
-80.00	-120.00	0.00152	-70.00	-120.00	0.00186
-60.00	-120.00	0.00231	-50.00	-120.00	0.00292
-40.00	-120.00	0.00375	-30.00	-120.00	0.00494
-25.00	-120.00	0.00572	-20.00	-120.00	0.00666

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	-120.00	0.00733	-15.00	-120.00	0.00783
-13.00	-120.00	0.00839	-11.00	-120.00	0.00903

10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-120.00	0.00977	9.00	-120.00	0.01157
11.00	-120.00	0.01096	13.00	-120.00	0.01045
15.00	-120.00	0.01000	17.00	-120.00	0.00960
20.00	-120.00	0.00907	25.00	-120.00	0.00831
30.00	-120.00	0.00766	40.00	-120.00	0.00659
50.00	-120.00	0.00571	60.00	-120.00	0.00498
70.00	-120.00	0.00438	80.00	-120.00	0.00387
90.00	-120.00	0.00345	100.00	-120.00	0.00309
-100.00	-110.00	0.00114	-90.00	-110.00	0.00135
-80.00	-110.00	0.00163	-70.00	-110.00	0.00199
-60.00	-110.00	0.00245	-50.00	-110.00	0.00308
-40.00	-110.00	0.00394	-30.00	-110.00	0.00515
-25.00	-110.00	0.00593	-20.00	-110.00	0.00687
-17.00	-110.00	0.00755	-15.00	-110.00	0.00805
-13.00	-110.00	0.00860	-11.00	-110.00	0.00923
-9.00	-110.00	0.00997	9.00	-110.00	0.01176
11.00	-110.00	0.01114	13.00	-110.00	0.01062
15.00	-110.00	0.01017	17.00	-110.00	0.00977
20.00	-110.00	0.00923	25.00	-110.00	0.00846
30.00	-110.00	0.00780	40.00	-110.00	0.00671
50.00	-110.00	0.00582	60.00	-110.00	0.00508
70.00	-110.00	0.00446	80.00	-110.00	0.00395
90.00	-110.00	0.00352	100.00	-110.00	0.00315
-100.00	-100.00	0.00121	-90.00	-100.00	0.00144
-80.00	-100.00	0.00173	-70.00	-100.00	0.00210
-60.00	-100.00	0.00259	-50.00	-100.00	0.00324
-40.00	-100.00	0.00411	-30.00	-100.00	0.00533
-25.00	-100.00	0.00611	-20.00	-100.00	0.00706
-17.00	-100.00	0.00773	-15.00	-100.00	0.00823
-13.00	-100.00	0.00878	-11.00	-100.00	0.00941
-9.00	-100.00	0.01015	9.00	-100.00	0.01192
11.00	-100.00	0.01130	13.00	-100.00	0.01078
15.00	-100.00	0.01032	17.00	-100.00	0.00992
20.00	-100.00	0.00937	25.00	-100.00	0.00859
30.00	-100.00	0.00793	40.00	-100.00	0.00682
50.00	-100.00	0.00592	60.00	-100.00	0.00517
70.00	-100.00	0.00454	80.00	-100.00	0.00402
90.00	-100.00	0.00358	100.00	-100.00	0.00321

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

18:56:35  
 \*\*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 ,  
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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	0.00128	-90.00	-90.00	0.00152	
-80.00	-90.00	0.00182	-70.00	-90.00	0.00221	
-60.00	-90.00	0.00271	-50.00	-90.00	0.00337	
-40.00	-90.00	0.00426	-30.00	-90.00	0.00548	
-25.00	-90.00	0.00627	-20.00	-90.00	0.00721	
-17.00	-90.00	0.00788	-15.00	-90.00	0.00838	
-13.00	-90.00	0.00894	-11.00	-90.00	0.00957	
-9.00	-90.00	0.01030	9.00	-90.00	0.01207	
11.00	-90.00	0.01144	13.00	-90.00	0.01091	
15.00	-90.00	0.01045	17.00	-90.00	0.01004	
20.00	-90.00	0.00950	25.00	-90.00	0.00871	
30.00	-90.00	0.00804	40.00	-90.00	0.00691	
50.00	-90.00	0.00600	60.00	-90.00	0.00524	
70.00	-90.00	0.00461	80.00	-90.00	0.00408	
90.00	-90.00	0.00363	100.00	-90.00	0.00326	
-100.00	-80.00	0.00135	-90.00	-80.00	0.00160	
-80.00	-80.00	0.00191	-70.00	-80.00	0.00231	
-60.00	-80.00	0.00282	-50.00	-80.00	0.00350	
-40.00	-80.00	0.00440	-30.00	-80.00	0.00562	
-25.00	-80.00	0.00641	-20.00	-80.00	0.00735	
-17.00	-80.00	0.00802	-15.00	-80.00	0.00852	
-13.00	-80.00	0.00907	-11.00	-80.00	0.00970	
-9.00	-80.00	0.01043	9.00	-80.00	0.01220	
11.00	-80.00	0.01156	13.00	-80.00	0.01103	
15.00	-80.00	0.01057	17.00	-80.00	0.01016	
20.00	-80.00	0.00960	25.00	-80.00	0.00881	
30.00	-80.00	0.00813	40.00	-80.00	0.00700	
50.00	-80.00	0.00608	60.00	-80.00	0.00531	
70.00	-80.00	0.00467	80.00	-80.00	0.00414	
90.00	-80.00	0.00368	100.00	-80.00	0.00330	
-100.00	-70.00	0.00141	-90.00	-70.00	0.00167	
-80.00	-70.00	0.00199	-70.00	-70.00	0.00240	
-60.00	-70.00	0.00292	-50.00	-70.00	0.00361	
-40.00	-70.00	0.00451	-30.00	-70.00	0.00574	
-25.00	-70.00	0.00652	-20.00	-70.00	0.00747	
-17.00	-70.00	0.00814	-15.00	-70.00	0.00864	
-13.00	-70.00	0.00919	-11.00	-70.00	0.00981	
-9.00	-70.00	0.01055	9.00	-70.00	0.01232	
11.00	-70.00	0.01166	13.00	-70.00	0.01114	
15.00	-70.00	0.01068	17.00	-70.00	0.01026	

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00970	25.00	-70.00	0.00890
30.00	-70.00	0.00821	40.00	-70.00	0.00707
50.00	-70.00	0.00614	60.00	-70.00	0.00537
70.00	-70.00	0.00473	80.00	-70.00	0.00418
90.00	-70.00	0.00373	100.00	-70.00	0.00334
-100.00	-60.00	0.00147	-90.00	-60.00	0.00174
-80.00	-60.00	0.00207	-70.00	-60.00	0.00248
-60.00	-60.00	0.00302	-50.00	-60.00	0.00371
-40.00	-60.00	0.00462	-30.00	-60.00	0.00584
-25.00	-60.00	0.00663	-20.00	-60.00	0.00757
-17.00	-60.00	0.00824	-15.00	-60.00	0.00874
-13.00	-60.00	0.00929	-11.00	-60.00	0.00992
-9.00	-60.00	0.01065	9.00	-60.00	0.01243
11.00	-60.00	0.01177	13.00	-60.00	0.01122
15.00	-60.00	0.01076	17.00	-60.00	0.01035
20.00	-60.00	0.00979	25.00	-60.00	0.00898
30.00	-60.00	0.00829	40.00	-60.00	0.00714
50.00	-60.00	0.00620	60.00	-60.00	0.00542
70.00	-60.00	0.00477	80.00	-60.00	0.00423
90.00	-60.00	0.00377	100.00	-60.00	0.00337
-100.00	-50.00	0.00153	-90.00	-50.00	0.00180
-80.00	-50.00	0.00214	-70.00	-50.00	0.00256
-60.00	-50.00	0.00310	-50.00	-50.00	0.00380
-40.00	-50.00	0.00471	-30.00	-50.00	0.00593
-25.00	-50.00	0.00672	-20.00	-50.00	0.00767
-17.00	-50.00	0.00833	-15.00	-50.00	0.00883
-13.00	-50.00	0.00938	-11.00	-50.00	0.01001
-9.00	-50.00	0.01075	9.00	-50.00	0.01253
11.00	-50.00	0.01186	13.00	-50.00	0.01130
15.00	-50.00	0.01084	17.00	-50.00	0.01042
20.00	-50.00	0.00986	25.00	-50.00	0.00905
30.00	-50.00	0.00835	40.00	-50.00	0.00720
50.00	-50.00	0.00625	60.00	-50.00	0.00547
70.00	-50.00	0.00482	80.00	-50.00	0.00426

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
90.00	-50.00	0.00380	100.00	-50.00	0.00340	
-100.00	-40.00	0.00158	-90.00	-40.00	0.00186	
-80.00	-40.00	0.00220	-70.00	-40.00	0.00263	
-60.00	-40.00	0.00318	-50.00	-40.00	0.00388	
-40.00	-40.00	0.00479	-30.00	-40.00	0.00602	
-25.00	-40.00	0.00680	-20.00	-40.00	0.00775	

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	-40.00	0.00841	-15.00	-40.00	0.00891
-13.00	-40.00	0.00946	-11.00	-40.00	0.01009
-9.00	-40.00	0.01083	9.00	-40.00	0.01257
11.00	-40.00	0.01194	13.00	-40.00	0.01139
15.00	-40.00	0.01092	17.00	-40.00	0.01050
20.00	-40.00	0.00993	25.00	-40.00	0.00911
30.00	-40.00	0.00841	40.00	-40.00	0.00725
50.00	-40.00	0.00630	60.00	-40.00	0.00551
70.00	-40.00	0.00485	80.00	-40.00	0.00430
90.00	-40.00	0.00383	100.00	-40.00	0.00343
-100.00	-30.00	0.00163	-90.00	-30.00	0.00191
-80.00	-30.00	0.00226	-70.00	-30.00	0.00270
-60.00	-30.00	0.00324	-50.00	-30.00	0.00395
-40.00	-30.00	0.00486	-30.00	-30.00	0.00609
-25.00	-30.00	0.00688	-20.00	-30.00	0.00782
-17.00	-30.00	0.00848	-15.00	-30.00	0.00899
-13.00	-30.00	0.00954	-11.00	-30.00	0.01017
-9.00	-30.00	0.01090	9.00	-30.00	0.01260
11.00	-30.00	0.01197	13.00	-30.00	0.01144
15.00	-30.00	0.01097	17.00	-30.00	0.01055
20.00	-30.00	0.00999	25.00	-30.00	0.00917
30.00	-30.00	0.00846	40.00	-30.00	0.00729
50.00	-30.00	0.00634	60.00	-30.00	0.00554
70.00	-30.00	0.00488	80.00	-30.00	0.00432
90.00	-30.00	0.00385	100.00	-30.00	0.00345
-100.00	-20.00	0.00168	-90.00	-20.00	0.00196
-80.00	-20.00	0.00232	-70.00	-20.00	0.00275
-60.00	-20.00	0.00331	-50.00	-20.00	0.00401

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-40.00	-20.00	0.00493	-30.00	-20.00	0.00616	
-25.00	-20.00	0.00694	-20.00	-20.00	0.00788	
-17.00	-20.00	0.00855	-15.00	-20.00	0.00905	
-13.00	-20.00	0.00960	-11.00	-20.00	0.01022	
-9.00	-20.00	0.01095	9.00	-20.00	0.01265	
11.00	-20.00	0.01202	13.00	-20.00	0.01149	
15.00	-20.00	0.01102	17.00	-20.00	0.01060	
20.00	-20.00	0.01003	25.00	-20.00	0.00921	
30.00	-20.00	0.00851	40.00	-20.00	0.00733	
50.00	-20.00	0.00637	60.00	-20.00	0.00557	
70.00	-20.00	0.00491	80.00	-20.00	0.00435	
90.00	-20.00	0.00387	100.00	-20.00	0.00347	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00172	-90.00	-10.00	0.00201
-80.00	-10.00	0.00237	-70.00	-10.00	0.00281
-60.00	-10.00	0.00336	-50.00	-10.00	0.00407
-40.00	-10.00	0.00499	-30.00	-10.00	0.00622
-25.00	-10.00	0.00700	-20.00	-10.00	0.00794
-17.00	-10.00	0.00860	-15.00	-10.00	0.00910
-13.00	-10.00	0.00965	-11.00	-10.00	0.01027
-9.00	-10.00	0.01100	9.00	-10.00	0.01270
11.00	-10.00	0.01207	13.00	-10.00	0.01153
15.00	-10.00	0.01106	17.00	-10.00	0.01064
20.00	-10.00	0.01007	25.00	-10.00	0.00926
30.00	-10.00	0.00855	40.00	-10.00	0.00737
50.00	-10.00	0.00640	60.00	-10.00	0.00560
70.00	-10.00	0.00493	80.00	-10.00	0.00436
90.00	-10.00	0.00389	100.00	-10.00	0.00348
-100.00	0.00	0.00176	-90.00	0.00	0.00205
-80.00	0.00	0.00241	-70.00	0.00	0.00286
-60.00	0.00	0.00341	-50.00	0.00	0.00412
-40.00	0.00	0.00504	-30.00	0.00	0.00627
-25.00	0.00	0.00705	-20.00	0.00	0.00799
-17.00	0.00	0.00865	-15.00	0.00	0.00915
-13.00	0.00	0.00970	-11.00	0.00	0.01032

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-9.00	0.00	0.01105	9.00	0.00	0.01275	
11.00	0.00	0.01211	13.00	0.00	0.01157	
15.00	0.00	0.01110	17.00	0.00	0.01067	
20.00	0.00	0.01011	25.00	0.00	0.00929	
30.00	0.00	0.00858	40.00	0.00	0.00739	
50.00	0.00	0.00642	60.00	0.00	0.00562	
70.00	0.00	0.00494	80.00	0.00	0.00438	
90.00	0.00	0.00390	100.00	0.00	0.00349	
-100.00	10.00	0.00180	-90.00	10.00	0.00209	
-80.00	10.00	0.00245	-70.00	10.00	0.00290	
-60.00	10.00	0.00346	-50.00	10.00	0.00417	
-40.00	10.00	0.00509	-30.00	10.00	0.00631	
-25.00	10.00	0.00709	-20.00	10.00	0.00803	
-17.00	10.00	0.00869	-15.00	10.00	0.00919	
-13.00	10.00	0.00974	-11.00	10.00	0.01036	
-9.00	10.00	0.01109	9.00	10.00	0.01279	
11.00	10.00	0.01214	13.00	10.00	0.01161	
15.00	10.00	0.01113	17.00	10.00	0.01071	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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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: 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	0.01014	25.00	10.00	0.00932
30.00	10.00	0.00861	40.00	10.00	0.00742
50.00	10.00	0.00644	60.00	10.00	0.00563
70.00	10.00	0.00496	80.00	10.00	0.00439
90.00	10.00	0.00391	100.00	10.00	0.00350
-100.00	20.00	0.00183	-90.00	20.00	0.00213
-80.00	20.00	0.00249	-70.00	20.00	0.00294
-60.00	20.00	0.00350	-50.00	20.00	0.00421
-40.00	20.00	0.00513	-30.00	20.00	0.00635
-25.00	20.00	0.00713	-20.00	20.00	0.00807
-17.00	20.00	0.00873	-15.00	20.00	0.00922
-13.00	20.00	0.00977	-11.00	20.00	0.01039
-9.00	20.00	0.01112	9.00	20.00	0.01283
11.00	20.00	0.01217	13.00	20.00	0.01163
15.00	20.00	0.01117	17.00	20.00	0.01074
20.00	20.00	0.01016	25.00	20.00	0.00934

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
30.00	20.00	0.00863	40.00	20.00	0.00743	
50.00	20.00	0.00646	60.00	20.00	0.00564	
70.00	20.00	0.00496	80.00	20.00	0.00439	
90.00	20.00	0.00391	100.00	20.00	0.00350	
-100.00	30.00	0.00186	-90.00	30.00	0.00216	
-80.00	30.00	0.00253	-70.00	30.00	0.00297	
-60.00	30.00	0.00353	-50.00	30.00	0.00424	
-40.00	30.00	0.00516	-30.00	30.00	0.00638	
-25.00	30.00	0.00716	-20.00	30.00	0.00810	
-17.00	30.00	0.00876	-15.00	30.00	0.00925	
-13.00	30.00	0.00980	-11.00	30.00	0.01042	
-9.00	30.00	0.01115	9.00	30.00	0.01287	
11.00	30.00	0.01220	13.00	30.00	0.01165	
15.00	30.00	0.01118	17.00	30.00	0.01076	
20.00	30.00	0.01019	25.00	30.00	0.00936	
30.00	30.00	0.00864	40.00	30.00	0.00745	
50.00	30.00	0.00646	60.00	30.00	0.00565	
70.00	30.00	0.00497	80.00	30.00	0.00439	
90.00	30.00	0.00391	100.00	30.00	0.00349	
-100.00	40.00	0.00189	-90.00	40.00	0.00219	
-80.00	40.00	0.00255	-70.00	40.00	0.00300	
-60.00	40.00	0.00357	-50.00	40.00	0.00427	
-40.00	40.00	0.00519	-30.00	40.00	0.00641	
-25.00	40.00	0.00719	-20.00	40.00	0.00812	

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

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00878	-15.00	40.00	0.00928
-13.00	40.00	0.00982	-11.00	40.00	0.01045
-9.00	40.00	0.01118	9.00	40.00	0.01291
11.00	40.00	0.01223	13.00	40.00	0.01167
15.00	40.00	0.01119	17.00	40.00	0.01077
20.00	40.00	0.01020	25.00	40.00	0.00937
30.00	40.00	0.00865	40.00	40.00	0.00745
50.00	40.00	0.00647	60.00	40.00	0.00565
70.00	40.00	0.00496	80.00	40.00	0.00439
90.00	40.00	0.00390	100.00	40.00	0.00348

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-100.00	50.00	0.00192	-90.00	50.00	0.00222	
-80.00	50.00	0.00258	-70.00	50.00	0.00303	
-60.00	50.00	0.00359	-50.00	50.00	0.00430	
-40.00	50.00	0.00522	-30.00	50.00	0.00643	
-25.00	50.00	0.00721	-20.00	50.00	0.00815	
-17.00	50.00	0.00880	-15.00	50.00	0.00929	
-13.00	50.00	0.00984	-11.00	50.00	0.01047	
-9.00	50.00	0.01120	9.00	50.00	0.01289	
11.00	50.00	0.01225	13.00	50.00	0.01170	
15.00	50.00	0.01121	17.00	50.00	0.01079	
20.00	50.00	0.01021	25.00	50.00	0.00938	
30.00	50.00	0.00865	40.00	50.00	0.00745	
50.00	50.00	0.00646	60.00	50.00	0.00564	
70.00	50.00	0.00495	80.00	50.00	0.00438	
90.00	50.00	0.00389	100.00	50.00	0.00347	
-100.00	60.00	0.00194	-90.00	60.00	0.00224	
-80.00	60.00	0.00260	-70.00	60.00	0.00305	
-60.00	60.00	0.00361	-50.00	60.00	0.00432	
-40.00	60.00	0.00524	-30.00	60.00	0.00645	
-25.00	60.00	0.00723	-20.00	60.00	0.00816	
-17.00	60.00	0.00882	-15.00	60.00	0.00932	
-13.00	60.00	0.00987	-11.00	60.00	0.01049	
-9.00	60.00	0.01122	9.00	60.00	0.01286	
11.00	60.00	0.01223	13.00	60.00	0.01169	
15.00	60.00	0.01122	17.00	60.00	0.01079	
20.00	60.00	0.01021	25.00	60.00	0.00938	
30.00	60.00	0.00865	40.00	60.00	0.00745	
50.00	60.00	0.00645	60.00	60.00	0.00563	
70.00	60.00	0.00494	80.00	60.00	0.00436	
90.00	60.00	0.00387	100.00	60.00	0.00345	

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	0.00196	-90.00	70.00	0.00226
-80.00	70.00	0.00262	-70.00	70.00	0.00307
-60.00	70.00	0.00363	-50.00	70.00	0.00434
-40.00	70.00	0.00525	-30.00	70.00	0.00647

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-25.00	70.00	0.00724	-20.00	70.00	0.00818	
-17.00	70.00	0.00884	-15.00	70.00	0.00933	
-13.00	70.00	0.00988	-11.00	70.00	0.01049	
-9.00	70.00	0.01122	9.00	70.00	0.01286	
11.00	70.00	0.01222	13.00	70.00	0.01168	
15.00	70.00	0.01121	17.00	70.00	0.01078	
20.00	70.00	0.01020	25.00	70.00	0.00937	
30.00	70.00	0.00865	40.00	70.00	0.00744	
50.00	70.00	0.00644	60.00	70.00	0.00561	
70.00	70.00	0.00492	80.00	70.00	0.00434	
90.00	70.00	0.00384	100.00	70.00	0.00343	
-100.00	80.00	0.00198	-90.00	80.00	0.00228	
-80.00	80.00	0.00264	-70.00	80.00	0.00309	
-60.00	80.00	0.00364	-50.00	80.00	0.00435	
-40.00	80.00	0.00526	-30.00	80.00	0.00648	
-25.00	80.00	0.00725	-20.00	80.00	0.00818	
-17.00	80.00	0.00884	-15.00	80.00	0.00933	
-13.00	80.00	0.00988	-11.00	80.00	0.01049	
-9.00	80.00	0.01122	9.00	80.00	0.01285	
11.00	80.00	0.01221	13.00	80.00	0.01167	
15.00	80.00	0.01119	17.00	80.00	0.01077	
20.00	80.00	0.01019	25.00	80.00	0.00936	
30.00	80.00	0.00863	40.00	80.00	0.00742	
50.00	80.00	0.00642	60.00	80.00	0.00558	
70.00	80.00	0.00489	80.00	80.00	0.00431	
90.00	80.00	0.00381	100.00	80.00	0.00339	
-100.00	90.00	0.00199	-90.00	90.00	0.00229	
-80.00	90.00	0.00265	-70.00	90.00	0.00310	
-60.00	90.00	0.00365	-50.00	90.00	0.00436	
-40.00	90.00	0.00527	-30.00	90.00	0.00649	
-25.00	90.00	0.00726	-20.00	90.00	0.00819	
-17.00	90.00	0.00884	-15.00	90.00	0.00933	
-13.00	90.00	0.00987	-11.00	90.00	0.01049	
-9.00	90.00	0.01121	9.00	90.00	0.01284	
11.00	90.00	0.01219	13.00	90.00	0.01165	
15.00	90.00	0.01117	17.00	90.00	0.01074	

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 \*\*



10NCRA\_SR05-300\_DPM\_TRAV\_ANN\_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.01017	25.00	90.00	0.00933
30.00	90.00	0.00861	40.00	90.00	0.00739
50.00	90.00	0.00638	60.00	90.00	0.00555
70.00	90.00	0.00485	80.00	90.00	0.00427
90.00	90.00	0.00377	100.00	90.00	0.00335
-100.00	100.00	0.00201	-90.00	100.00	0.00230
-80.00	100.00	0.00266	-70.00	100.00	0.00310
-60.00	100.00	0.00366	-50.00	100.00	0.00436
-40.00	100.00	0.00527	-30.00	100.00	0.00648
-25.00	100.00	0.00726	-20.00	100.00	0.00818
-17.00	100.00	0.00883	-15.00	100.00	0.00932
-13.00	100.00	0.00986	-11.00	100.00	0.01048
-9.00	100.00	0.01120	9.00	100.00	0.01283
11.00	100.00	0.01217	13.00	100.00	0.01163
15.00	100.00	0.01115	17.00	100.00	0.01072
20.00	100.00	0.01014	25.00	100.00	0.00930
30.00	100.00	0.00857	40.00	100.00	0.00735
50.00	100.00	0.00634	60.00	100.00	0.00550
70.00	100.00	0.00481	80.00	100.00	0.00422
90.00	100.00	0.00372	100.00	100.00	0.00330
-100.00	110.00	0.00202	-90.00	110.00	0.00231
-80.00	110.00	0.00267	-70.00	110.00	0.00311
-60.00	110.00	0.00366	-50.00	110.00	0.00436
-40.00	110.00	0.00527	-30.00	110.00	0.00648
-25.00	110.00	0.00725	-20.00	110.00	0.00817
-17.00	110.00	0.00882	-15.00	110.00	0.00931
-13.00	110.00	0.00985	-11.00	110.00	0.01046
-9.00	110.00	0.01118	9.00	110.00	0.01281
11.00	110.00	0.01214	13.00	110.00	0.01159
15.00	110.00	0.01112	17.00	110.00	0.01068
20.00	110.00	0.01010	25.00	110.00	0.00925
30.00	110.00	0.00853	40.00	110.00	0.00730
50.00	110.00	0.00629	60.00	110.00	0.00545
70.00	110.00	0.00475	80.00	110.00	0.00416
90.00	110.00	0.00367	100.00	110.00	0.00325
-100.00	120.00	0.00202	-90.00	120.00	0.00232
-80.00	120.00	0.00267	-70.00	120.00	0.00311
-60.00	120.00	0.00365	-50.00	120.00	0.00435
-40.00	120.00	0.00525	-30.00	120.00	0.00646
-25.00	120.00	0.00723	-20.00	120.00	0.00815

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

\*\*\*

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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: 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	0.00880	-15.00	120.00	0.00929
-13.00	120.00	0.00983	-11.00	120.00	0.01044
-9.00	120.00	0.01116	9.00	120.00	0.01278
11.00	120.00	0.01210	13.00	120.00	0.01154
15.00	120.00	0.01107	17.00	120.00	0.01063
20.00	120.00	0.01005	25.00	120.00	0.00920
30.00	120.00	0.00846	40.00	120.00	0.00723
50.00	120.00	0.00622	60.00	120.00	0.00538
70.00	120.00	0.00468	80.00	120.00	0.00409
90.00	120.00	0.00360	100.00	120.00	0.00318
-100.00	130.00	0.00203	-90.00	130.00	0.00232
-80.00	130.00	0.00267	-70.00	130.00	0.00311
-60.00	130.00	0.00365	-50.00	130.00	0.00434
-40.00	130.00	0.00524	-30.00	130.00	0.00644
-25.00	130.00	0.00721	-20.00	130.00	0.00813
-17.00	130.00	0.00877	-15.00	130.00	0.00926
-13.00	130.00	0.00979	-11.00	130.00	0.01041
-9.00	130.00	0.01113	9.00	130.00	0.01274
11.00	130.00	0.01205	13.00	130.00	0.01148
15.00	130.00	0.01099	17.00	130.00	0.01056
20.00	130.00	0.00998	25.00	130.00	0.00913
30.00	130.00	0.00839	40.00	130.00	0.00715
50.00	130.00	0.00613	60.00	130.00	0.00529
70.00	130.00	0.00459	80.00	130.00	0.00400
90.00	130.00	0.00352	100.00	130.00	0.00311
-100.00	140.00	0.00203	-90.00	140.00	0.00232
-80.00	140.00	0.00267	-70.00	140.00	0.00310
-60.00	140.00	0.00364	-50.00	140.00	0.00432
-40.00	140.00	0.00521	-30.00	140.00	0.00641
-25.00	140.00	0.00717	-20.00	140.00	0.00809
-17.00	140.00	0.00874	-15.00	140.00	0.00922
-13.00	140.00	0.00976	-11.00	140.00	0.01037
-9.00	140.00	0.01109	9.00	140.00	0.01263
11.00	140.00	0.01198	13.00	140.00	0.01142
15.00	140.00	0.01092	17.00	140.00	0.01049
20.00	140.00	0.00990	25.00	140.00	0.00903

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
30.00	140.00	0.00829	40.00	140.00	0.00704	
50.00	140.00	0.00603	60.00	140.00	0.00518	
70.00	140.00	0.00448	80.00	140.00	0.00390	
90.00	140.00	0.00343	100.00	140.00	0.00303	

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	
-100.00	150.00	0.00204	-90.00	150.00	0.00232	
-80.00	150.00	0.00267	-70.00	150.00	0.00309	
-60.00	150.00	0.00362	-50.00	150.00	0.00430	
-40.00	150.00	0.00518	-30.00	150.00	0.00637	
-25.00	150.00	0.00713	-20.00	150.00	0.00805	
-17.00	150.00	0.00869	-15.00	150.00	0.00918	
-13.00	150.00	0.00971	-11.00	150.00	0.01032	
-9.00	150.00	0.01103	9.00	150.00	0.01250	
11.00	150.00	0.01185	13.00	150.00	0.01130	
15.00	150.00	0.01082	17.00	150.00	0.01038	
20.00	150.00	0.00978	25.00	150.00	0.00892	
30.00	150.00	0.00816	40.00	150.00	0.00691	
50.00	150.00	0.00589	60.00	150.00	0.00504	
70.00	150.00	0.00435	80.00	150.00	0.00379	
90.00	150.00	0.00332	100.00	150.00	0.00294	
-100.00	160.00	0.00204	-90.00	160.00	0.00232	
-80.00	160.00	0.00266	-70.00	160.00	0.00308	
-60.00	160.00	0.00360	-50.00	160.00	0.00427	
-40.00	160.00	0.00514	-30.00	160.00	0.00632	
-25.00	160.00	0.00708	-20.00	160.00	0.00799	
-17.00	160.00	0.00863	-15.00	160.00	0.00912	
-13.00	160.00	0.00965	-11.00	160.00	0.01025	
-9.00	160.00	0.01095	9.00	160.00	0.01238	
11.00	160.00	0.01172	13.00	160.00	0.01116	
15.00	160.00	0.01067	17.00	160.00	0.01023	
20.00	160.00	0.00963	25.00	160.00	0.00876	
30.00	160.00	0.00801	40.00	160.00	0.00674	
50.00	160.00	0.00572	60.00	160.00	0.00488	
70.00	160.00	0.00421	80.00	160.00	0.00366	
90.00	160.00	0.00321	100.00	160.00	0.00284	

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
-100.00	170.00	0.00203	-90.00	170.00	0.00231	
-80.00	170.00	0.00265	-70.00	170.00	0.00306	
-60.00	170.00	0.00358	-50.00	170.00	0.00424	
-40.00	170.00	0.00509	-30.00	170.00	0.00626	
-25.00	170.00	0.00701	-20.00	170.00	0.00791	
-17.00	170.00	0.00855	-15.00	170.00	0.00903	
-13.00	170.00	0.00956	-11.00	170.00	0.01016	
-9.00	170.00	0.01085	9.00	170.00	0.01221	
11.00	170.00	0.01155	13.00	170.00	0.01099	
15.00	170.00	0.01049	17.00	170.00	0.01004	

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00943	25.00	170.00	0.00856
30.00	170.00	0.00780	40.00	170.00	0.00652
50.00	170.00	0.00551	60.00	170.00	0.00470
70.00	170.00	0.00405	80.00	170.00	0.00352
90.00	170.00	0.00309	100.00	170.00	0.00274
-100.00	180.00	0.00203	-90.00	180.00	0.00231
-80.00	180.00	0.00264	-70.00	180.00	0.00305
-60.00	180.00	0.00355	-50.00	180.00	0.00420
-40.00	180.00	0.00504	-30.00	180.00	0.00619
-25.00	180.00	0.00692	-20.00	180.00	0.00782
-17.00	180.00	0.00845	-15.00	180.00	0.00893
-13.00	180.00	0.00945	-11.00	180.00	0.01005
-9.00	180.00	0.01074	9.00	180.00	0.01201
11.00	180.00	0.01133	13.00	180.00	0.01076
15.00	180.00	0.01025	17.00	180.00	0.00979
20.00	180.00	0.00918	25.00	180.00	0.00829
30.00	180.00	0.00752	40.00	180.00	0.00625
50.00	180.00	0.00526	60.00	180.00	0.00448
70.00	180.00	0.00387	80.00	180.00	0.00337
90.00	180.00	0.00297	100.00	180.00	0.00263
-100.00	190.00	0.00202	-90.00	190.00	0.00230
-80.00	190.00	0.00262	-70.00	190.00	0.00302
-60.00	190.00	0.00352	-50.00	190.00	0.00416
-40.00	190.00	0.00499	-30.00	190.00	0.00611

10NCRA SR05-300_DPM_TRAV_ANN_N-S Bound						
-25.00	190.00	0.00683	-20.00	190.00	0.00771	
-17.00	190.00	0.00833	-15.00	190.00	0.00880	
-13.00	190.00	0.00932	-11.00	190.00	0.00991	
-9.00	190.00	0.01060	9.00	190.00	0.01174	
11.00	190.00	0.01104	13.00	190.00	0.01045	
15.00	190.00	0.00993	17.00	190.00	0.00946	
20.00	190.00	0.00883	25.00	190.00	0.00792	
30.00	190.00	0.00715	40.00	190.00	0.00591	
50.00	190.00	0.00498	60.00	190.00	0.00425	
70.00	190.00	0.00367	80.00	190.00	0.00321	
90.00	190.00	0.00284	100.00	190.00	0.00253	
-100.00	200.00	0.00202	-90.00	200.00	0.00228	
-80.00	200.00	0.00260	-70.00	200.00	0.00300	
-60.00	200.00	0.00349	-50.00	200.00	0.00411	
-40.00	200.00	0.00493	-30.00	200.00	0.00602	
-25.00	200.00	0.00673	-20.00	200.00	0.00759	

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	0.00820	-15.00	200.00	0.00865	
-13.00	200.00	0.00917	-11.00	200.00	0.00974	
-9.00	200.00	0.01043	9.00	200.00	0.01135	
11.00	200.00	0.01062	13.00	200.00	0.01001	
15.00	200.00	0.00948	17.00	200.00	0.00899	
20.00	200.00	0.00834	25.00	200.00	0.00743	
30.00	200.00	0.00669	40.00	200.00	0.00553	
50.00	200.00	0.00467	60.00	200.00	0.00401	
70.00	200.00	0.00348	80.00	200.00	0.00306	
90.00	200.00	0.00271	100.00	200.00	0.00242	
-100.00	210.00	0.00200	-90.00	210.00	0.00227	
-80.00	210.00	0.00258	-70.00	210.00	0.00297	
-60.00	210.00	0.00345	-50.00	210.00	0.00406	
-40.00	210.00	0.00486	-30.00	210.00	0.00593	
-25.00	210.00	0.00662	-20.00	210.00	0.00746	
-17.00	210.00	0.00805	-15.00	210.00	0.00850	
-13.00	210.00	0.00899	-11.00	210.00	0.00955	
-9.00	210.00	0.01022	9.00	210.00	0.01077	

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
11.00	210.00	0.00999	13.00	210.00	0.00935	
15.00	210.00	0.00880	17.00	210.00	0.00832	
20.00	210.00	0.00770	25.00	210.00	0.00685	
30.00	210.00	0.00618	40.00	210.00	0.00515	
50.00	210.00	0.00438	60.00	210.00	0.00377	
70.00	210.00	0.00329	80.00	210.00	0.00290	
90.00	210.00	0.00258	100.00	210.00	0.00231	
-100.00	220.00	0.00199	-90.00	220.00	0.00225	
-80.00	220.00	0.00256	-70.00	220.00	0.00293	
-60.00	220.00	0.00340	-50.00	220.00	0.00400	
-40.00	220.00	0.00478	-30.00	220.00	0.00583	
-25.00	220.00	0.00651	-20.00	220.00	0.00733	
-17.00	220.00	0.00790	-15.00	220.00	0.00833	
-13.00	220.00	0.00881	-11.00	220.00	0.00935	
-9.00	220.00	0.00998	9.00	220.00	0.00976	
11.00	220.00	0.00902	13.00	220.00	0.00843	
15.00	220.00	0.00796	17.00	220.00	0.00755	
20.00	220.00	0.00702	25.00	220.00	0.00628	
30.00	220.00	0.00569	40.00	220.00	0.00477	
50.00	220.00	0.00408	60.00	220.00	0.00354	
70.00	220.00	0.00310	80.00	220.00	0.00275	
90.00	220.00	0.00245	100.00	220.00	0.00220	

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
-100.00	230.00	0.00197	-90.00	230.00	0.00222
-80.00	230.00	0.00253	-70.00	230.00	0.00289
-60.00	230.00	0.00335	-50.00	230.00	0.00393
-40.00	230.00	0.00469	-30.00	230.00	0.00571
-25.00	230.00	0.00637	-20.00	230.00	0.00716
-17.00	230.00	0.00771	-15.00	230.00	0.00812
-13.00	230.00	0.00857	-11.00	230.00	0.00907
-9.00	230.00	0.00962	9.00	230.00	0.00846
11.00	230.00	0.00798	13.00	230.00	0.00755
15.00	230.00	0.00717	17.00	230.00	0.00683
20.00	230.00	0.00638	25.00	230.00	0.00575
30.00	230.00	0.00523	40.00	230.00	0.00442

10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound						
50.00	230.00	0.00381	60.00	230.00	0.00332	
70.00	230.00	0.00293	80.00	230.00	0.00260	
90.00	230.00	0.00233	100.00	230.00	0.00211	
-100.00	240.00	0.00195	-90.00	240.00	0.00220	
-80.00	240.00	0.00249	-70.00	240.00	0.00285	
-60.00	240.00	0.00329	-50.00	240.00	0.00386	
-40.00	240.00	0.00459	-30.00	240.00	0.00556	
-25.00	240.00	0.00617	-20.00	240.00	0.00686	
-17.00	240.00	0.00731	-15.00	240.00	0.00761	
-13.00	240.00	0.00790	-11.00	240.00	0.00818	
-9.00	240.00	0.00841	9.00	240.00	0.00706	
11.00	240.00	0.00675	13.00	240.00	0.00647	
15.00	240.00	0.00621	17.00	240.00	0.00597	
20.00	240.00	0.00563	25.00	240.00	0.00514	
30.00	240.00	0.00471	40.00	240.00	0.00404	
50.00	240.00	0.00352	60.00	240.00	0.00309	
70.00	240.00	0.00275	80.00	240.00	0.00246	
90.00	240.00	0.00221	100.00	240.00	0.00201	
-100.00	250.00	0.00194	-90.00	250.00	0.00217	
-80.00	250.00	0.00246	-70.00	250.00	0.00281	
-60.00	250.00	0.00323	-50.00	250.00	0.00377	
-40.00	250.00	0.00444	-30.00	250.00	0.00529	
-25.00	250.00	0.00576	-20.00	250.00	0.00623	
-17.00	250.00	0.00650	-15.00	250.00	0.00666	
-13.00	250.00	0.00681	-11.00	250.00	0.00692	
-9.00	250.00	0.00700	9.00	250.00	0.00593	
11.00	250.00	0.00571	13.00	250.00	0.00551	
15.00	250.00	0.00532	17.00	250.00	0.00514	

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
20.00	250.00	0.00490	25.00	250.00	0.00453
30.00	250.00	0.00420	40.00	250.00	0.00365
50.00	250.00	0.00321	60.00	250.00	0.00285
70.00	250.00	0.00255	80.00	250.00	0.00230
90.00	250.00	0.00208	100.00	250.00	0.00190

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* 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 0.00816 AT ( 9.00, 200.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00810 AT ( 9.00, 190.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00795 AT ( 9.00, 210.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00781 AT ( 9.00, 180.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00749 AT ( 11.00, 200.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00748 AT ( 11.00, 190.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00732 AT ( 9.00, 170.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00727 AT ( -9.00, 220.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00725 AT ( 11.00, 180.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00724 AT ( 9.00, 220.00, 0.00, 1.20)	DC	NA	
NCRA_S2	1ST HIGHEST VALUE IS 0.00816 AT ( 9.00, 110.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00810 AT ( 9.00, 100.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00795 AT ( 9.00, 120.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00781 AT ( 9.00, 90.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00749 AT ( 11.00, 110.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00748 AT ( 11.00, 100.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00732 AT ( 9.00, 80.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00727 AT ( -9.00, 130.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00725 AT ( 11.00, 90.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00724 AT ( 9.00, 130.00, 0.00, 1.20)	DC	NA	
NCRA_S3	1ST HIGHEST VALUE IS 0.00816 AT ( 9.00, 20.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00810 AT ( 9.00, 10.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00795 AT ( 9.00, 30.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00781 AT ( 9.00, 0.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00749 AT ( 11.00, 20.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00748 AT ( 11.00, 10.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00732 AT ( 9.00, -10.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00727 AT ( -9.00, 40.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00725 AT ( 11.00, 0.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00724 AT ( 9.00, 40.00, 0.00, 1.20)	DC	NA	

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

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

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\*\*\* 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 0.00816 AT ( 9.00, -70.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00810 AT ( 9.00, -80.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00795 AT ( 9.00, -60.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00781 AT ( 9.00, -90.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00749 AT ( 11.00, -70.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00748 AT ( 11.00, -80.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00732 AT ( 9.00, -100.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00727 AT ( -9.00, -50.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00725 AT ( 11.00, -90.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00724 AT ( 9.00, -50.00, 0.00, 1.20)	DC	NA	
NCRA_S5	1ST HIGHEST VALUE IS 0.00816 AT ( 9.00, -160.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00810 AT ( 9.00, -170.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00795 AT ( 9.00, -150.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00781 AT ( 9.00, -180.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00749 AT ( 11.00, -160.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00748 AT ( 11.00, -170.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00732 AT ( 9.00, -190.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00727 AT ( -9.00, -140.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00725 AT ( 11.00, -180.00, 0.00, 1.20)	DC	NA	



		10NCRA_SR05-300_DPM_TRAV_ANN_N-S Bound							
	10TH HIGHEST VALUE IS	0.00724	AT (	9.00,	-140.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01291	AT (	9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01289	AT (	9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01287	AT (	9.00,	30.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01286	AT (	9.00,	60.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01286	AT (	9.00,	70.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01285	AT (	9.00,	80.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01284	AT (	9.00,	90.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01283	AT (	9.00,	20.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01283	AT (	9.00,	100.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01281	AT (	9.00,	110.00,	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 \*\*\*  
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 \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

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\*\*\* 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 15 Informational Message(s)  
 A Total of 15 Calm Hours Identified

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

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

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*