

ISCST3x VERSION 4.4.3  
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 11:04:59

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Petaluma\10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at East/West 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 135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -225.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 90 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	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
RE DISCCART	-250.0	60.0	1.2
RE DISCCART	-250.0	50.0	1.2
RE DISCCART	-250.0	40.0	1.2
RE DISCCART	-250.0	30.0	1.2
RE DISCCART	-250.0	25.0	1.2
RE DISCCART	-250.0	20.0	1.2
RE DISCCART	-250.0	17.0	1.2
RE DISCCART	-250.0	15.0	1.2
RE DISCCART	-250.0	13.0	1.2
RE DISCCART	-250.0	11.0	1.2
RE DISCCART	-250.0	9.0	1.2
RE DISCCART	-250.0	-9.0	1.2
RE DISCCART	-250.0	-11.0	1.2
RE DISCCART	-250.0	-13.0	1.2
RE DISCCART	-250.0	-15.0	1.2
RE DISCCART	-250.0	-17.0	1.2
RE DISCCART	-250.0	-20.0	1.2
RE DISCCART	-250.0	-25.0	1.2
RE DISCCART	-250.0	-30.0	1.2
RE DISCCART	-250.0	-40.0	1.2
RE DISCCART	-250.0	-50.0	1.2
RE DISCCART	-250.0	-60.0	1.2
RE DISCCART	-250.0	-70.0	1.2
RE DISCCART	-250.0	-80.0	1.2
RE DISCCART	-250.0	-90.0	1.2
RE DISCCART	-250.0	-100.0	1.2
RE DISCCART	-240.0	100.0	1.2
RE DISCCART	-240.0	90.0	1.2
RE DISCCART	-240.0	80.0	1.2
RE DISCCART	-240.0	70.0	1.2
RE DISCCART	-240.0	60.0	1.2
RE DISCCART	-240.0	50.0	1.2
RE DISCCART	-240.0	40.0	1.2
RE DISCCART	-240.0	30.0	1.2
RE DISCCART	-240.0	25.0	1.2
RE DISCCART	-240.0	20.0	1.2
RE DISCCART	-240.0	17.0	1.2
RE DISCCART	-240.0	15.0	1.2
RE DISCCART	-240.0	13.0	1.2

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

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

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

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

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

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



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

RE DISCCART	-140.0	-25.0	1.2
RE DISCCART	-140.0	-30.0	1.2
RE DISCCART	-140.0	-40.0	1.2
RE DISCCART	-140.0	-50.0	1.2
RE DISCCART	-140.0	-60.0	1.2
RE DISCCART	-140.0	-70.0	1.2
RE DISCCART	-140.0	-80.0	1.2
RE DISCCART	-140.0	-90.0	1.2
RE DISCCART	-140.0	-100.0	1.2
RE DISCCART	-130.0	100.0	1.2
RE DISCCART	-130.0	90.0	1.2
RE DISCCART	-130.0	80.0	1.2
RE DISCCART	-130.0	70.0	1.2
RE DISCCART	-130.0	60.0	1.2
RE DISCCART	-130.0	50.0	1.2
RE DISCCART	-130.0	40.0	1.2
RE DISCCART	-130.0	30.0	1.2
RE DISCCART	-130.0	25.0	1.2
RE DISCCART	-130.0	20.0	1.2
RE DISCCART	-130.0	17.0	1.2
RE DISCCART	-130.0	15.0	1.2
RE DISCCART	-130.0	13.0	1.2
RE DISCCART	-130.0	11.0	1.2
RE DISCCART	-130.0	9.0	1.2
RE DISCCART	-130.0	-9.0	1.2
RE DISCCART	-130.0	-11.0	1.2
RE DISCCART	-130.0	-13.0	1.2
RE DISCCART	-130.0	-15.0	1.2
RE DISCCART	-130.0	-17.0	1.2
RE DISCCART	-130.0	-20.0	1.2
RE DISCCART	-130.0	-25.0	1.2
RE DISCCART	-130.0	-30.0	1.2
RE DISCCART	-130.0	-40.0	1.2
RE DISCCART	-130.0	-50.0	1.2
RE DISCCART	-130.0	-60.0	1.2
RE DISCCART	-130.0	-70.0	1.2
RE DISCCART	-130.0	-80.0	1.2
RE DISCCART	-130.0	-90.0	1.2
RE DISCCART	-130.0	-100.0	1.2
RE DISCCART	-120.0	100.0	1.2
RE DISCCART	-120.0	90.0	1.2
RE DISCCART	-120.0	80.0	1.2
RE DISCCART	-120.0	70.0	1.2
RE DISCCART	-120.0	60.0	1.2

RE DISCCART	-120.0	50.0	1.2
RE DISCCART	-120.0	40.0	1.2
RE DISCCART	-120.0	30.0	1.2
RE DISCCART	-120.0	25.0	1.2
RE DISCCART	-120.0	20.0	1.2
RE DISCCART	-120.0	17.0	1.2
RE DISCCART	-120.0	15.0	1.2
RE DISCCART	-120.0	13.0	1.2
RE DISCCART	-120.0	11.0	1.2
RE DISCCART	-120.0	9.0	1.2
RE DISCCART	-120.0	-9.0	1.2
RE DISCCART	-120.0	-11.0	1.2
RE DISCCART	-120.0	-13.0	1.2
RE DISCCART	-120.0	-15.0	1.2
RE DISCCART	-120.0	-17.0	1.2
RE DISCCART	-120.0	-20.0	1.2
RE DISCCART	-120.0	-25.0	1.2
RE DISCCART	-120.0	-30.0	1.2
RE DISCCART	-120.0	-40.0	1.2
RE DISCCART	-120.0	-50.0	1.2
RE DISCCART	-120.0	-60.0	1.2
RE DISCCART	-120.0	-70.0	1.2
RE DISCCART	-120.0	-80.0	1.2
RE DISCCART	-120.0	-90.0	1.2
RE DISCCART	-120.0	-100.0	1.2
RE DISCCART	-110.0	100.0	1.2
RE DISCCART	-110.0	90.0	1.2
RE DISCCART	-110.0	80.0	1.2
RE DISCCART	-110.0	70.0	1.2
RE DISCCART	-110.0	60.0	1.2
RE DISCCART	-110.0	50.0	1.2
RE DISCCART	-110.0	40.0	1.2
RE DISCCART	-110.0	30.0	1.2
RE DISCCART	-110.0	25.0	1.2
RE DISCCART	-110.0	20.0	1.2
RE DISCCART	-110.0	17.0	1.2
RE DISCCART	-110.0	15.0	1.2
RE DISCCART	-110.0	13.0	1.2
RE DISCCART	-110.0	11.0	1.2
RE DISCCART	-110.0	9.0	1.2
RE DISCCART	-110.0	-9.0	1.2
RE DISCCART	-110.0	-11.0	1.2
RE DISCCART	-110.0	-13.0	1.2
RE DISCCART	-110.0	-15.0	1.2

RE DISCCART	-110.0	-17.0	1.2
RE DISCCART	-110.0	-20.0	1.2
RE DISCCART	-110.0	-25.0	1.2
RE DISCCART	-110.0	-30.0	1.2
RE DISCCART	-110.0	-40.0	1.2
RE DISCCART	-110.0	-50.0	1.2
RE DISCCART	-110.0	-60.0	1.2
RE DISCCART	-110.0	-70.0	1.2
RE DISCCART	-110.0	-80.0	1.2
RE DISCCART	-110.0	-90.0	1.2
RE DISCCART	-110.0	-100.0	1.2
RE DISCCART	-100.0	100.0	1.2
RE DISCCART	-100.0	90.0	1.2
RE DISCCART	-100.0	80.0	1.2
RE DISCCART	-100.0	70.0	1.2
RE DISCCART	-100.0	60.0	1.2
RE DISCCART	-100.0	50.0	1.2
RE DISCCART	-100.0	40.0	1.2
RE DISCCART	-100.0	30.0	1.2
RE DISCCART	-100.0	25.0	1.2
RE DISCCART	-100.0	20.0	1.2
RE DISCCART	-100.0	17.0	1.2
RE DISCCART	-100.0	15.0	1.2
RE DISCCART	-100.0	13.0	1.2
RE DISCCART	-100.0	11.0	1.2
RE DISCCART	-100.0	9.0	1.2
RE DISCCART	-100.0	-9.0	1.2
RE DISCCART	-100.0	-11.0	1.2
RE DISCCART	-100.0	-13.0	1.2
RE DISCCART	-100.0	-15.0	1.2
RE DISCCART	-100.0	-17.0	1.2
RE DISCCART	-100.0	-20.0	1.2
RE DISCCART	-100.0	-25.0	1.2
RE DISCCART	-100.0	-30.0	1.2
RE DISCCART	-100.0	-40.0	1.2
RE DISCCART	-100.0	-50.0	1.2
RE DISCCART	-100.0	-60.0	1.2
RE DISCCART	-100.0	-70.0	1.2
RE DISCCART	-100.0	-80.0	1.2
RE DISCCART	-100.0	-90.0	1.2
RE DISCCART	-100.0	-100.0	1.2
RE DISCCART	-90.0	100.0	1.2
RE DISCCART	-90.0	90.0	1.2
RE DISCCART	-90.0	80.0	1.2

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

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

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

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



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

RE DISCCART	-20.0	11.0	1.2
RE DISCCART	-20.0	9.0	1.2
RE DISCCART	-20.0	-9.0	1.2
RE DISCCART	-20.0	-11.0	1.2
RE DISCCART	-20.0	-13.0	1.2
RE DISCCART	-20.0	-15.0	1.2
RE DISCCART	-20.0	-17.0	1.2
RE DISCCART	-20.0	-20.0	1.2
RE DISCCART	-20.0	-25.0	1.2
RE DISCCART	-20.0	-30.0	1.2
RE DISCCART	-20.0	-40.0	1.2
RE DISCCART	-20.0	-50.0	1.2
RE DISCCART	-20.0	-60.0	1.2
RE DISCCART	-20.0	-70.0	1.2
RE DISCCART	-20.0	-80.0	1.2
RE DISCCART	-20.0	-90.0	1.2
RE DISCCART	-20.0	-100.0	1.2
RE DISCCART	-10.0	100.0	1.2
RE DISCCART	-10.0	90.0	1.2
RE DISCCART	-10.0	80.0	1.2
RE DISCCART	-10.0	70.0	1.2
RE DISCCART	-10.0	60.0	1.2
RE DISCCART	-10.0	50.0	1.2
RE DISCCART	-10.0	40.0	1.2
RE DISCCART	-10.0	30.0	1.2
RE DISCCART	-10.0	25.0	1.2
RE DISCCART	-10.0	20.0	1.2
RE DISCCART	-10.0	17.0	1.2
RE DISCCART	-10.0	15.0	1.2
RE DISCCART	-10.0	13.0	1.2
RE DISCCART	-10.0	11.0	1.2
RE DISCCART	-10.0	9.0	1.2
RE DISCCART	-10.0	-9.0	1.2
RE DISCCART	-10.0	-11.0	1.2
RE DISCCART	-10.0	-13.0	1.2
RE DISCCART	-10.0	-15.0	1.2
RE DISCCART	-10.0	-17.0	1.2
RE DISCCART	-10.0	-20.0	1.2
RE DISCCART	-10.0	-25.0	1.2
RE DISCCART	-10.0	-30.0	1.2
RE DISCCART	-10.0	-40.0	1.2
RE DISCCART	-10.0	-50.0	1.2
RE DISCCART	-10.0	-60.0	1.2
RE DISCCART	-10.0	-70.0	1.2

RE DISCCART -10.0 -80.0 1.2  
RE DISCCART -10.0 -90.0 1.2  
RE DISCCART -10.0 -100.0 1.2  
RE DISCCART 0.0 100.0 1.2  
RE DISCCART 0.0 90.0 1.2  
RE DISCCART 0.0 80.0 1.2  
RE DISCCART 0.0 70.0 1.2  
RE DISCCART 0.0 60.0 1.2  
RE DISCCART 0.0 50.0 1.2  
RE DISCCART 0.0 40.0 1.2  
RE DISCCART 0.0 30.0 1.2  
RE DISCCART 0.0 25.0 1.2  
RE DISCCART 0.0 20.0 1.2  
RE DISCCART 0.0 17.0 1.2  
RE DISCCART 0.0 15.0 1.2  
RE DISCCART 0.0 13.0 1.2  
RE DISCCART 0.0 11.0 1.2  
RE DISCCART 0.0 9.0 1.2  
RE DISCCART 0.0 -9.0 1.2  
RE DISCCART 0.0 -11.0 1.2  
RE DISCCART 0.0 -13.0 1.2  
RE DISCCART 0.0 -15.0 1.2  
RE DISCCART 0.0 -17.0 1.2  
RE DISCCART 0.0 -20.0 1.2  
RE DISCCART 0.0 -25.0 1.2  
RE DISCCART 0.0 -30.0 1.2  
RE DISCCART 0.0 -40.0 1.2  
RE DISCCART 0.0 -50.0 1.2  
RE DISCCART 0.0 -60.0 1.2  
RE DISCCART 0.0 -70.0 1.2  
RE DISCCART 0.0 -80.0 1.2  
RE DISCCART 0.0 -90.0 1.2  
RE DISCCART 0.0 -100.0 1.2  
RE DISCCART 10.0 100.0 1.2  
RE DISCCART 10.0 90.0 1.2  
RE DISCCART 10.0 80.0 1.2  
RE DISCCART 10.0 70.0 1.2  
RE DISCCART 10.0 60.0 1.2  
RE DISCCART 10.0 50.0 1.2  
RE DISCCART 10.0 40.0 1.2  
RE DISCCART 10.0 30.0 1.2  
RE DISCCART 10.0 25.0 1.2  
RE DISCCART 10.0 20.0 1.2  
RE DISCCART 10.0 17.0 1.2

RE DISCCART	10.0	15.0	1.2
RE DISCCART	10.0	13.0	1.2
RE DISCCART	10.0	11.0	1.2
RE DISCCART	10.0	9.0	1.2
RE DISCCART	10.0	-9.0	1.2
RE DISCCART	10.0	-11.0	1.2
RE DISCCART	10.0	-13.0	1.2
RE DISCCART	10.0	-15.0	1.2
RE DISCCART	10.0	-17.0	1.2
RE DISCCART	10.0	-20.0	1.2
RE DISCCART	10.0	-25.0	1.2
RE DISCCART	10.0	-30.0	1.2
RE DISCCART	10.0	-40.0	1.2
RE DISCCART	10.0	-50.0	1.2
RE DISCCART	10.0	-60.0	1.2
RE DISCCART	10.0	-70.0	1.2
RE DISCCART	10.0	-80.0	1.2
RE DISCCART	10.0	-90.0	1.2
RE DISCCART	10.0	-100.0	1.2
RE DISCCART	20.0	100.0	1.2
RE DISCCART	20.0	90.0	1.2
RE DISCCART	20.0	80.0	1.2
RE DISCCART	20.0	70.0	1.2
RE DISCCART	20.0	60.0	1.2
RE DISCCART	20.0	50.0	1.2
RE DISCCART	20.0	40.0	1.2
RE DISCCART	20.0	30.0	1.2
RE DISCCART	20.0	25.0	1.2
RE DISCCART	20.0	20.0	1.2
RE DISCCART	20.0	17.0	1.2
RE DISCCART	20.0	15.0	1.2
RE DISCCART	20.0	13.0	1.2
RE DISCCART	20.0	11.0	1.2
RE DISCCART	20.0	9.0	1.2
RE DISCCART	20.0	-9.0	1.2
RE DISCCART	20.0	-11.0	1.2
RE DISCCART	20.0	-13.0	1.2
RE DISCCART	20.0	-15.0	1.2
RE DISCCART	20.0	-17.0	1.2
RE DISCCART	20.0	-20.0	1.2
RE DISCCART	20.0	-25.0	1.2
RE DISCCART	20.0	-30.0	1.2
RE DISCCART	20.0	-40.0	1.2
RE DISCCART	20.0	-50.0	1.2

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

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

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

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



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

RE DISCCART	100.0	50.0	1.2
RE DISCCART	100.0	40.0	1.2
RE DISCCART	100.0	30.0	1.2
RE DISCCART	100.0	25.0	1.2
RE DISCCART	100.0	20.0	1.2
RE DISCCART	100.0	17.0	1.2
RE DISCCART	100.0	15.0	1.2
RE DISCCART	100.0	13.0	1.2
RE DISCCART	100.0	11.0	1.2
RE DISCCART	100.0	9.0	1.2
RE DISCCART	100.0	-9.0	1.2
RE DISCCART	100.0	-11.0	1.2
RE DISCCART	100.0	-13.0	1.2
RE DISCCART	100.0	-15.0	1.2
RE DISCCART	100.0	-17.0	1.2
RE DISCCART	100.0	-20.0	1.2
RE DISCCART	100.0	-25.0	1.2
RE DISCCART	100.0	-30.0	1.2
RE DISCCART	100.0	-40.0	1.2
RE DISCCART	100.0	-50.0	1.2
RE DISCCART	100.0	-60.0	1.2
RE DISCCART	100.0	-70.0	1.2
RE DISCCART	100.0	-80.0	1.2
RE DISCCART	100.0	-90.0	1.2
RE DISCCART	100.0	-100.0	1.2
RE DISCCART	110.0	100.0	1.2
RE DISCCART	110.0	90.0	1.2
RE DISCCART	110.0	80.0	1.2
RE DISCCART	110.0	70.0	1.2
RE DISCCART	110.0	60.0	1.2
RE DISCCART	110.0	50.0	1.2
RE DISCCART	110.0	40.0	1.2
RE DISCCART	110.0	30.0	1.2
RE DISCCART	110.0	25.0	1.2
RE DISCCART	110.0	20.0	1.2
RE DISCCART	110.0	17.0	1.2
RE DISCCART	110.0	15.0	1.2
RE DISCCART	110.0	13.0	1.2
RE DISCCART	110.0	11.0	1.2
RE DISCCART	110.0	9.0	1.2
RE DISCCART	110.0	-9.0	1.2
RE DISCCART	110.0	-11.0	1.2
RE DISCCART	110.0	-13.0	1.2
RE DISCCART	110.0	-15.0	1.2

RE DISCCART	110.0	-17.0	1.2
RE DISCCART	110.0	-20.0	1.2
RE DISCCART	110.0	-25.0	1.2
RE DISCCART	110.0	-30.0	1.2
RE DISCCART	110.0	-40.0	1.2
RE DISCCART	110.0	-50.0	1.2
RE DISCCART	110.0	-60.0	1.2
RE DISCCART	110.0	-70.0	1.2
RE DISCCART	110.0	-80.0	1.2
RE DISCCART	110.0	-90.0	1.2
RE DISCCART	110.0	-100.0	1.2
RE DISCCART	120.0	100.0	1.2
RE DISCCART	120.0	90.0	1.2
RE DISCCART	120.0	80.0	1.2
RE DISCCART	120.0	70.0	1.2
RE DISCCART	120.0	60.0	1.2
RE DISCCART	120.0	50.0	1.2
RE DISCCART	120.0	40.0	1.2
RE DISCCART	120.0	30.0	1.2
RE DISCCART	120.0	25.0	1.2
RE DISCCART	120.0	20.0	1.2
RE DISCCART	120.0	17.0	1.2
RE DISCCART	120.0	15.0	1.2
RE DISCCART	120.0	13.0	1.2
RE DISCCART	120.0	11.0	1.2
RE DISCCART	120.0	9.0	1.2
RE DISCCART	120.0	-9.0	1.2
RE DISCCART	120.0	-11.0	1.2
RE DISCCART	120.0	-13.0	1.2
RE DISCCART	120.0	-15.0	1.2
RE DISCCART	120.0	-17.0	1.2
RE DISCCART	120.0	-20.0	1.2
RE DISCCART	120.0	-25.0	1.2
RE DISCCART	120.0	-30.0	1.2
RE DISCCART	120.0	-40.0	1.2
RE DISCCART	120.0	-50.0	1.2
RE DISCCART	120.0	-60.0	1.2
RE DISCCART	120.0	-70.0	1.2
RE DISCCART	120.0	-80.0	1.2
RE DISCCART	120.0	-90.0	1.2
RE DISCCART	120.0	-100.0	1.2
RE DISCCART	130.0	100.0	1.2
RE DISCCART	130.0	90.0	1.2
RE DISCCART	130.0	80.0	1.2

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

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

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

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

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



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

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

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

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

ME STARTING

ME INPUTFIL "C:\NCRA\MODELING\MET DATA\PETALUMA\PET97300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 9901 1997

ME UAIRDATA 9901 1997

ME STARTEND 1997 01 01 1 1997 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Final Plume Rise.  
2. Stack-tip Downwash.  
3. Buoyancy-induced Dispersion.  
4. Use Calms Processing Routine.  
5. Not Use Missing Data Processing Routine.  
6. Default Wind Profile Exponents.  
7. Default Vertical Potential Temperature Gradients.  
8. "Upper Bound" Values for Supersquat Buildings.  
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.3 MB of RAM.

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\10NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\10NCRA-1.LST

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

11:04:59

\*\*MODELOPTs:

PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

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

Table with 11 columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes rows for NCRA\_S1 through NCRA\_S5.

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

11:04:59

\*\*MODELOPTs:

PAGE 3

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID SOURCE IDs

- NCRA\_S1 NCRA\_S1 ,
NCRA\_S2 NCRA\_S2 ,
NCRA\_S3 NCRA\_S3 ,
NCRA\_S4 NCRA\_S4 ,
NCRA\_S5 NCRA\_S5 ,

ALL NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

11:04:59

\*\*MODELOPTs:

PAGE 4

CONC URBAN FLAT FLGPOL DFAULT

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

- ( -250.0, 100.0, 0.0, 1.2); ( -250.0, 90.0, 0.0, 1.2);
( -250.0, 80.0, 0.0, 1.2); ( -250.0, 70.0, 0.0, 1.2);
( -250.0, 60.0, 0.0, 1.2); ( -250.0, 50.0, 0.0, 1.2);

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound

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

\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

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

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



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 6

CONC URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 7  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound

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

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 8

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
\*\*MODELOPTs:  
PAGE 9

CONC URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 10

CONC                      URBAN FLAT    FLGPOL DFAULT

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound  
(METERS)

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts \*\*\*  
\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\*  
\*\*\*

11:04:59  
\*\*MODELOPTs:  
PAGE 11  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

```

10NCRA_PL97-300_DPM_TRAV_ANN_E-W Bound
( -20.0, 17.0, 0.0, 1.2); ( -20.0, 15.0, 0.0, 1.2);
( -20.0, 13.0, 0.0, 1.2); ( -20.0, 11.0, 0.0, 1.2);
( -20.0, 9.0, 0.0, 1.2); ( -20.0, -9.0, 0.0, 1.2);
( -20.0, -11.0, 0.0, 1.2); ( -20.0, -13.0, 0.0, 1.2);
( -20.0, -15.0, 0.0, 1.2); ( -20.0, -17.0, 0.0, 1.2);
( -20.0, -20.0, 0.0, 1.2); ( -20.0, -25.0, 0.0, 1.2);
( -20.0, -30.0, 0.0, 1.2); ( -20.0, -40.0, 0.0, 1.2);
( -20.0, -50.0, 0.0, 1.2); ( -20.0, -60.0, 0.0, 1.2);
( -20.0, -70.0, 0.0, 1.2); ( -20.0, -80.0, 0.0, 1.2);
( -20.0, -90.0, 0.0, 1.2); ( -20.0, -100.0, 0.0, 1.2);

```

```

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

```

```

*** Maximum train overlap at East/West Bound Direction ***

```

11:04:59

\*\*MODELOPTs:

PAGE 12

CONC

URBAN FLAT FLGPOL DFAULT

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

```

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

```



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 13

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 15  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

\*\*MODELOPTs:  
PAGE 16  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 17

CONC URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 18  
 CONC

URBAN FLAT    FLGPOL DFAULT

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 19  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 21

CONC

URBAN FLAT FLGPOL DFAULT

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



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
97	01	01	01	350.0	10.01	289.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	6.0	6.75	289.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	358.0	4.65	289.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	355.0	4.60	289.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	25.0	3.67	289.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.62	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	46.0	3.53	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	37.0	2.82	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	66.0	1.74	287.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	6.0	2.64	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	33.0	4.38	289.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	23.0	1.83	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	313.0	2.59	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	38.0	2.82	289.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	55.0	1.88	289.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	33.0	2.24	289.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	35.0	1.74	288.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	44.0	1.92	288.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	89.0	1.43	288.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	234.0	1.12	288.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	291.0	1.03	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	309.0	1.12	288.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	317.0	2.10	288.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	296.0	2.77	287.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
PAGE 23

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00004	-250.00	90.00	0.00004
-250.00	80.00	0.00003	-250.00	70.00	0.00003
-250.00	60.00	0.00003	-250.00	50.00	0.00003
-250.00	40.00	0.00003	-250.00	30.00	0.00003
-250.00	25.00	0.00003	-250.00	20.00	0.00003
-250.00	17.00	0.00003	-250.00	15.00	0.00003
-250.00	13.00	0.00003	-250.00	11.00	0.00003
-250.00	9.00	0.00003	-250.00	-9.00	0.00003
-250.00	-11.00	0.00003	-250.00	-13.00	0.00003
-250.00	-15.00	0.00003	-250.00	-17.00	0.00003
-250.00	-20.00	0.00003	-250.00	-25.00	0.00003
-250.00	-30.00	0.00003	-250.00	-40.00	0.00003
-250.00	-50.00	0.00003	-250.00	-60.00	0.00003
-250.00	-70.00	0.00003	-250.00	-80.00	0.00003
-250.00	-90.00	0.00002	-250.00	-100.00	0.00002
-240.00	100.00	0.00004	-240.00	90.00	0.00004
-240.00	80.00	0.00004	-240.00	70.00	0.00003

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

11:04:59  
 \*\*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
-230.00	-20.00	0.00003	-230.00	-25.00	0.00003
-230.00	-30.00	0.00003	-230.00	-40.00	0.00003
-230.00	-50.00	0.00003	-230.00	-60.00	0.00003
-230.00	-70.00	0.00003	-230.00	-80.00	0.00003
-230.00	-90.00	0.00003	-230.00	-100.00	0.00003
-220.00	100.00	0.00004	-220.00	90.00	0.00004
-220.00	80.00	0.00004	-220.00	70.00	0.00004
-220.00	60.00	0.00004	-220.00	50.00	0.00004
-220.00	40.00	0.00003	-220.00	30.00	0.00003
-220.00	25.00	0.00003	-220.00	20.00	0.00003
-220.00	17.00	0.00003	-220.00	15.00	0.00003

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTS:  
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00004	-200.00	15.00	0.00004
-200.00	13.00	0.00004	-200.00	11.00	0.00004
-200.00	9.00	0.00004	-200.00	-9.00	0.00003
-200.00	-11.00	0.00003	-200.00	-13.00	0.00003
-200.00	-15.00	0.00003	-200.00	-17.00	0.00003

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 11:04:59  
 \*\*MODELOPTS:  
 PAGE 26  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00005	-170.00	90.00	0.00005
-170.00	80.00	0.00005	-170.00	70.00	0.00005
-170.00	60.00	0.00005	-170.00	50.00	0.00005
-170.00	40.00	0.00005	-170.00	30.00	0.00004
-170.00	25.00	0.00004	-170.00	20.00	0.00004
-170.00	17.00	0.00004	-170.00	15.00	0.00004
-170.00	13.00	0.00004	-170.00	11.00	0.00004
-170.00	9.00	0.00004	-170.00	-9.00	0.00004
-170.00	-11.00	0.00004	-170.00	-13.00	0.00004
-170.00	-15.00	0.00004	-170.00	-17.00	0.00004
-170.00	-20.00	0.00004	-170.00	-25.00	0.00004
-170.00	-30.00	0.00004	-170.00	-40.00	0.00004
-170.00	-50.00	0.00004	-170.00	-60.00	0.00004
-170.00	-70.00	0.00004	-170.00	-80.00	0.00004
-170.00	-90.00	0.00003	-170.00	-100.00	0.00003
-160.00	100.00	0.00006	-160.00	90.00	0.00006
-160.00	80.00	0.00006	-160.00	70.00	0.00005
-160.00	60.00	0.00005	-160.00	50.00	0.00005
-160.00	40.00	0.00005	-160.00	30.00	0.00005
-160.00	25.00	0.00005	-160.00	20.00	0.00004
-160.00	17.00	0.00004	-160.00	15.00	0.00004
-160.00	13.00	0.00004	-160.00	11.00	0.00004
-160.00	9.00	0.00004	-160.00	-9.00	0.00004
-160.00	-11.00	0.00004	-160.00	-13.00	0.00004
-160.00	-15.00	0.00004	-160.00	-17.00	0.00004
-160.00	-20.00	0.00004	-160.00	-25.00	0.00004
-160.00	-30.00	0.00004	-160.00	-40.00	0.00004
-160.00	-50.00	0.00004	-160.00	-60.00	0.00004
-160.00	-70.00	0.00004	-160.00	-80.00	0.00004
-160.00	-90.00	0.00004	-160.00	-100.00	0.00004
-150.00	100.00	0.00006	-150.00	90.00	0.00006
-150.00	80.00	0.00006	-150.00	70.00	0.00006
-150.00	60.00	0.00006	-150.00	50.00	0.00005
-150.00	40.00	0.00005	-150.00	30.00	0.00005
-150.00	25.00	0.00005	-150.00	20.00	0.00005
-150.00	17.00	0.00005	-150.00	15.00	0.00005
-150.00	13.00	0.00005	-150.00	11.00	0.00005
-150.00	9.00	0.00005	-150.00	-9.00	0.00004
-150.00	-11.00	0.00004	-150.00	-13.00	0.00004
-150.00	-15.00	0.00004	-150.00	-17.00	0.00004

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:



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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00004	-150.00	-25.00	0.00004
-150.00	-30.00	0.00004	-150.00	-40.00	0.00004
-150.00	-50.00	0.00004	-150.00	-60.00	0.00004
-150.00	-70.00	0.00004	-150.00	-80.00	0.00004
-150.00	-90.00	0.00004	-150.00	-100.00	0.00004
-140.00	100.00	0.00006	-140.00	90.00	0.00006
-140.00	80.00	0.00006	-140.00	70.00	0.00006
-140.00	60.00	0.00006	-140.00	50.00	0.00006
-140.00	40.00	0.00005	-140.00	30.00	0.00005
-140.00	25.00	0.00005	-140.00	20.00	0.00005
-140.00	17.00	0.00005	-140.00	15.00	0.00005
-140.00	13.00	0.00005	-140.00	11.00	0.00005
-140.00	9.00	0.00005	-140.00	-9.00	0.00005
-140.00	-11.00	0.00005	-140.00	-13.00	0.00005
-140.00	-15.00	0.00005	-140.00	-17.00	0.00005
-140.00	-20.00	0.00005	-140.00	-25.00	0.00005
-140.00	-30.00	0.00005	-140.00	-40.00	0.00004
-140.00	-50.00	0.00004	-140.00	-60.00	0.00004
-140.00	-70.00	0.00004	-140.00	-80.00	0.00004
-140.00	-90.00	0.00004	-140.00	-100.00	0.00004
-130.00	100.00	0.00007	-130.00	90.00	0.00007
-130.00	80.00	0.00007	-130.00	70.00	0.00006
-130.00	60.00	0.00006	-130.00	50.00	0.00006
-130.00	40.00	0.00006	-130.00	30.00	0.00006
-130.00	25.00	0.00005	-130.00	20.00	0.00005
-130.00	17.00	0.00005	-130.00	15.00	0.00005
-130.00	13.00	0.00005	-130.00	11.00	0.00005
-130.00	9.00	0.00005	-130.00	-9.00	0.00005
-130.00	-11.00	0.00005	-130.00	-13.00	0.00005
-130.00	-15.00	0.00005	-130.00	-17.00	0.00005
-130.00	-20.00	0.00005	-130.00	-25.00	0.00005
-130.00	-30.00	0.00005	-130.00	-40.00	0.00005
-130.00	-50.00	0.00005	-130.00	-60.00	0.00005
-130.00	-70.00	0.00004	-130.00	-80.00	0.00004
-130.00	-90.00	0.00004	-130.00	-100.00	0.00004
-120.00	100.00	0.00007	-120.00	90.00	0.00007
-120.00	80.00	0.00007	-120.00	70.00	0.00007

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	60.00	0.00007	-120.00	50.00	0.00006
-120.00	40.00	0.00006	-120.00	30.00	0.00006
-120.00	25.00	0.00006	-120.00	20.00	0.00006

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 32

CONC      URBAN FLAT      FLGPOL      DFAULT

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

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

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	9.00	0.00013	-10.00	-9.00	0.00012
-10.00	-11.00	0.00012	-10.00	-13.00	0.00012
-10.00	-15.00	0.00012	-10.00	-17.00	0.00012
-10.00	-20.00	0.00012	-10.00	-25.00	0.00012
-10.00	-30.00	0.00011	-10.00	-40.00	0.00011
-10.00	-50.00	0.00011	-10.00	-60.00	0.00010
-10.00	-70.00	0.00009	-10.00	-80.00	0.00009
-10.00	-90.00	0.00008	-10.00	-100.00	0.00008
0.00	100.00	0.00015	0.00	90.00	0.00016
0.00	80.00	0.00016	0.00	70.00	0.00017
0.00	60.00	0.00018	0.00	50.00	0.00018
0.00	40.00	0.00018	0.00	30.00	0.00017
0.00	25.00	0.00016	0.00	20.00	0.00016
0.00	17.00	0.00015	0.00	15.00	0.00015
0.00	13.00	0.00015	0.00	11.00	0.00015
0.00	9.00	0.00015	0.00	-9.00	0.00013
0.00	-11.00	0.00013	0.00	-13.00	0.00013
0.00	-15.00	0.00013	0.00	-17.00	0.00013
0.00	-20.00	0.00013	0.00	-25.00	0.00013
0.00	-30.00	0.00013	0.00	-40.00	0.00012
0.00	-50.00	0.00011	0.00	-60.00	0.00011
0.00	-70.00	0.00010	0.00	-80.00	0.00009
0.00	-90.00	0.00009	0.00	-100.00	0.00008
10.00	100.00	0.00017	10.00	90.00	0.00017
10.00	80.00	0.00018	10.00	70.00	0.00019
10.00	60.00	0.00020	10.00	50.00	0.00020
10.00	40.00	0.00020	10.00	30.00	0.00019
10.00	25.00	0.00019	10.00	20.00	0.00018
10.00	17.00	0.00017	10.00	15.00	0.00017
10.00	13.00	0.00017	10.00	11.00	0.00017
10.00	9.00	0.00016	10.00	-9.00	0.00015
10.00	-11.00	0.00015	10.00	-13.00	0.00015
10.00	-15.00	0.00015	10.00	-17.00	0.00015

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00014	10.00	-25.00	0.00014

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-30.00	0.00014	10.00	-40.00	0.00013
10.00	-50.00	0.00013	10.00	-60.00	0.00012
10.00	-70.00	0.00011	10.00	-80.00	0.00010
10.00	-90.00	0.00009	10.00	-100.00	0.00009
20.00	100.00	0.00018	20.00	90.00	0.00019
20.00	80.00	0.00020	20.00	70.00	0.00021
20.00	60.00	0.00022	20.00	50.00	0.00022
20.00	40.00	0.00023	20.00	30.00	0.00022
20.00	25.00	0.00021	20.00	20.00	0.00020
20.00	17.00	0.00020	20.00	15.00	0.00019
20.00	13.00	0.00019	20.00	11.00	0.00019
20.00	9.00	0.00018	20.00	-9.00	0.00017
20.00	-11.00	0.00016	20.00	-13.00	0.00016
20.00	-15.00	0.00016	20.00	-17.00	0.00016
20.00	-20.00	0.00016	20.00	-25.00	0.00016
20.00	-30.00	0.00015	20.00	-40.00	0.00015
20.00	-50.00	0.00014	20.00	-60.00	0.00013
20.00	-70.00	0.00012	20.00	-80.00	0.00011
20.00	-90.00	0.00010	20.00	-100.00	0.00010
30.00	100.00	0.00020	30.00	90.00	0.00021
30.00	80.00	0.00022	30.00	70.00	0.00023
30.00	60.00	0.00024	30.00	50.00	0.00025
30.00	40.00	0.00026	30.00	30.00	0.00025
30.00	25.00	0.00024	30.00	20.00	0.00023
30.00	17.00	0.00022	30.00	15.00	0.00022
30.00	13.00	0.00022	30.00	11.00	0.00021
30.00	9.00	0.00021	30.00	-9.00	0.00019
30.00	-11.00	0.00019	30.00	-13.00	0.00018
30.00	-15.00	0.00018	30.00	-17.00	0.00018
30.00	-20.00	0.00018	30.00	-25.00	0.00018
30.00	-30.00	0.00017	30.00	-40.00	0.00016
30.00	-50.00	0.00015	30.00	-60.00	0.00014
30.00	-70.00	0.00013	30.00	-80.00	0.00012
30.00	-90.00	0.00011	30.00	-100.00	0.00011
40.00	100.00	0.00022	40.00	90.00	0.00023
40.00	80.00	0.00024	40.00	70.00	0.00025
40.00	60.00	0.00027	40.00	50.00	0.00028
40.00	40.00	0.00029	40.00	30.00	0.00029
40.00	25.00	0.00028	40.00	20.00	0.00027

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00026	40.00	15.00	0.00025
40.00	13.00	0.00025	40.00	11.00	0.00024
40.00	9.00	0.00024	40.00	-9.00	0.00021
40.00	-11.00	0.00021	40.00	-13.00	0.00021
40.00	-15.00	0.00021	40.00	-17.00	0.00020
40.00	-20.00	0.00020	40.00	-25.00	0.00020
40.00	-30.00	0.00019	40.00	-40.00	0.00018
40.00	-50.00	0.00016	40.00	-60.00	0.00015
40.00	-70.00	0.00014	40.00	-80.00	0.00013
40.00	-90.00	0.00012	40.00	-100.00	0.00011
50.00	100.00	0.00024	50.00	90.00	0.00026
50.00	80.00	0.00027	50.00	70.00	0.00029
50.00	60.00	0.00030	50.00	50.00	0.00031
50.00	40.00	0.00033	50.00	30.00	0.00033
50.00	25.00	0.00032	50.00	20.00	0.00031
50.00	17.00	0.00030	50.00	15.00	0.00030
50.00	13.00	0.00029	50.00	11.00	0.00028
50.00	9.00	0.00028	50.00	-9.00	0.00024
50.00	-11.00	0.00024	50.00	-13.00	0.00024
50.00	-15.00	0.00023	50.00	-17.00	0.00023
50.00	-20.00	0.00023	50.00	-25.00	0.00022
50.00	-30.00	0.00022	50.00	-40.00	0.00020
50.00	-50.00	0.00018	50.00	-60.00	0.00016
50.00	-70.00	0.00015	50.00	-80.00	0.00014
50.00	-90.00	0.00013	50.00	-100.00	0.00013
60.00	100.00	0.00026	60.00	90.00	0.00029
60.00	80.00	0.00031	60.00	70.00	0.00032
60.00	60.00	0.00034	60.00	50.00	0.00036
60.00	40.00	0.00038	60.00	30.00	0.00039
60.00	25.00	0.00038	60.00	20.00	0.00037
60.00	17.00	0.00036	60.00	15.00	0.00035
60.00	13.00	0.00034	60.00	11.00	0.00033
60.00	9.00	0.00032	60.00	-9.00	0.00028
60.00	-11.00	0.00027	60.00	-13.00	0.00027
60.00	-15.00	0.00027	60.00	-17.00	0.00027
60.00	-20.00	0.00026	60.00	-25.00	0.00025
60.00	-30.00	0.00024	60.00	-40.00	0.00022
60.00	-50.00	0.00020	60.00	-60.00	0.00018
60.00	-70.00	0.00017	60.00	-80.00	0.00016

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

60.00 -90.00 0.00015 60.00 -100.00 0.00014

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

11:04:59

\*\*MODELOPTs:  
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00028	70.00	90.00	0.00031
70.00	80.00	0.00034	70.00	70.00	0.00037
70.00	60.00	0.00039	70.00	50.00	0.00041
70.00	40.00	0.00043	70.00	30.00	0.00045
70.00	25.00	0.00045	70.00	20.00	0.00044
70.00	17.00	0.00043	70.00	15.00	0.00042
70.00	13.00	0.00041	70.00	11.00	0.00039
70.00	9.00	0.00038	70.00	-9.00	0.00032
70.00	-11.00	0.00032	70.00	-13.00	0.00031
70.00	-15.00	0.00031	70.00	-17.00	0.00031
70.00	-20.00	0.00030	70.00	-25.00	0.00029
70.00	-30.00	0.00027	70.00	-40.00	0.00025
70.00	-50.00	0.00022	70.00	-60.00	0.00020
70.00	-70.00	0.00019	70.00	-80.00	0.00017
70.00	-90.00	0.00016	70.00	-100.00	0.00016
80.00	100.00	0.00030	80.00	90.00	0.00034
80.00	80.00	0.00037	80.00	70.00	0.00041
80.00	60.00	0.00045	80.00	50.00	0.00048
80.00	40.00	0.00051	80.00	30.00	0.00053
80.00	25.00	0.00053	80.00	20.00	0.00053
80.00	17.00	0.00052	80.00	15.00	0.00050
80.00	13.00	0.00049	80.00	11.00	0.00048
80.00	9.00	0.00046	80.00	-9.00	0.00038
80.00	-11.00	0.00037	80.00	-13.00	0.00037
80.00	-15.00	0.00036	80.00	-17.00	0.00035
80.00	-20.00	0.00035	80.00	-25.00	0.00033
80.00	-30.00	0.00031	80.00	-40.00	0.00028
80.00	-50.00	0.00025	80.00	-60.00	0.00023
80.00	-70.00	0.00021	80.00	-80.00	0.00020
80.00	-90.00	0.00019	80.00	-100.00	0.00018
90.00	100.00	0.00031	90.00	90.00	0.00036
90.00	80.00	0.00040	90.00	70.00	0.00046
90.00	60.00	0.00051	90.00	50.00	0.00056

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	40.00	0.00060	90.00	30.00	0.00063
90.00	25.00	0.00064	90.00	20.00	0.00064
90.00	17.00	0.00063	90.00	15.00	0.00062
90.00	13.00	0.00061	90.00	11.00	0.00059
90.00	9.00	0.00057	90.00	-9.00	0.00044
90.00	-11.00	0.00044	90.00	-13.00	0.00043
90.00	-15.00	0.00042	90.00	-17.00	0.00041

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

11:04:59

\*\*MODELOPTs:  
 PAGE 36

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00040	90.00	-25.00	0.00037
90.00	-30.00	0.00035	90.00	-40.00	0.00032
90.00	-50.00	0.00028	90.00	-60.00	0.00026
90.00	-70.00	0.00024	90.00	-80.00	0.00023
90.00	-90.00	0.00022	90.00	-100.00	0.00020
100.00	100.00	0.00032	100.00	90.00	0.00037
100.00	80.00	0.00043	100.00	70.00	0.00050
100.00	60.00	0.00057	100.00	50.00	0.00065
100.00	40.00	0.00072	100.00	30.00	0.00077
100.00	25.00	0.00078	100.00	20.00	0.00078
100.00	17.00	0.00078	100.00	15.00	0.00077
100.00	13.00	0.00076	100.00	11.00	0.00074
100.00	9.00	0.00071	100.00	-9.00	0.00053
100.00	-11.00	0.00051	100.00	-13.00	0.00050
100.00	-15.00	0.00049	100.00	-17.00	0.00048
100.00	-20.00	0.00046	100.00	-25.00	0.00043
100.00	-30.00	0.00040	100.00	-40.00	0.00036
100.00	-50.00	0.00033	100.00	-60.00	0.00031
100.00	-70.00	0.00029	100.00	-80.00	0.00027
100.00	-90.00	0.00025	100.00	-100.00	0.00023
110.00	100.00	0.00032	110.00	90.00	0.00038
110.00	80.00	0.00045	110.00	70.00	0.00053
110.00	60.00	0.00062	110.00	50.00	0.00073
110.00	40.00	0.00084	110.00	30.00	0.00094
110.00	25.00	0.00097	110.00	20.00	0.00098
110.00	17.00	0.00098	110.00	15.00	0.00097
110.00	13.00	0.00096	110.00	11.00	0.00094

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	9.00	0.00091	110.00	-9.00	0.00062
110.00	-11.00	0.00061	110.00	-13.00	0.00059
110.00	-15.00	0.00057	110.00	-17.00	0.00055
110.00	-20.00	0.00053	110.00	-25.00	0.00050
110.00	-30.00	0.00047	110.00	-40.00	0.00042
110.00	-50.00	0.00039	110.00	-60.00	0.00037
110.00	-70.00	0.00034	110.00	-80.00	0.00032
110.00	-90.00	0.00029	110.00	-100.00	0.00027
120.00	100.00	0.00031	120.00	90.00	0.00038
120.00	80.00	0.00045	120.00	70.00	0.00054
120.00	60.00	0.00066	120.00	50.00	0.00079
120.00	40.00	0.00095	120.00	30.00	0.00112
120.00	25.00	0.00121	120.00	20.00	0.00126

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 37

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00127	120.00	15.00	0.00127
120.00	13.00	0.00126	120.00	11.00	0.00124
120.00	9.00	0.00120	120.00	-9.00	0.00074
120.00	-11.00	0.00071	120.00	-13.00	0.00069
120.00	-15.00	0.00067	120.00	-17.00	0.00065
120.00	-20.00	0.00062	120.00	-25.00	0.00059
120.00	-30.00	0.00057	120.00	-40.00	0.00052
120.00	-50.00	0.00048	120.00	-60.00	0.00045
120.00	-70.00	0.00041	120.00	-80.00	0.00038
120.00	-90.00	0.00034	120.00	-100.00	0.00032
130.00	100.00	0.00030	130.00	90.00	0.00036
130.00	80.00	0.00044	130.00	70.00	0.00054
130.00	60.00	0.00067	130.00	50.00	0.00082
130.00	40.00	0.00101	130.00	30.00	0.00125
130.00	25.00	0.00139	130.00	20.00	0.00152
130.00	17.00	0.00159	130.00	15.00	0.00163
130.00	13.00	0.00166	130.00	11.00	0.00168
130.00	9.00	0.00168	130.00	-9.00	0.00091
130.00	-11.00	0.00088	130.00	-13.00	0.00085
130.00	-15.00	0.00083	130.00	-17.00	0.00081
130.00	-20.00	0.00079	130.00	-25.00	0.00076

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-30.00	0.00073	130.00	-40.00	0.00067
130.00	-50.00	0.00061	130.00	-60.00	0.00056
130.00	-70.00	0.00050	130.00	-80.00	0.00046
130.00	-90.00	0.00041	130.00	-100.00	0.00038
140.00	100.00	0.00028	140.00	90.00	0.00034
140.00	80.00	0.00042	140.00	70.00	0.00053
140.00	60.00	0.00066	140.00	50.00	0.00082
140.00	40.00	0.00103	140.00	30.00	0.00129
140.00	25.00	0.00145	140.00	20.00	0.00162
140.00	17.00	0.00172	140.00	15.00	0.00178
140.00	13.00	0.00184	140.00	11.00	0.00191
140.00	9.00	0.00198	140.00	-9.00	0.00189
140.00	-11.00	0.00166	140.00	-13.00	0.00151
140.00	-15.00	0.00141	140.00	-17.00	0.00133
140.00	-20.00	0.00125	140.00	-25.00	0.00114
140.00	-30.00	0.00106	140.00	-40.00	0.00093
140.00	-50.00	0.00082	140.00	-60.00	0.00072
140.00	-70.00	0.00064	140.00	-80.00	0.00057
140.00	-90.00	0.00050	140.00	-100.00	0.00045

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 38

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00026	150.00	90.00	0.00032
150.00	80.00	0.00039	150.00	70.00	0.00049
150.00	60.00	0.00063	150.00	50.00	0.00080
150.00	40.00	0.00101	150.00	30.00	0.00129
150.00	25.00	0.00146	150.00	20.00	0.00166
150.00	17.00	0.00177	150.00	15.00	0.00185
150.00	13.00	0.00194	150.00	11.00	0.00203
150.00	9.00	0.00214	150.00	-9.00	0.00408
150.00	-11.00	0.00359	150.00	-13.00	0.00319
150.00	-15.00	0.00286	150.00	-17.00	0.00259
150.00	-20.00	0.00228	150.00	-25.00	0.00192
150.00	-30.00	0.00168	150.00	-40.00	0.00136
150.00	-50.00	0.00114	150.00	-60.00	0.00096
150.00	-70.00	0.00082	150.00	-80.00	0.00071
150.00	-90.00	0.00062	150.00	-100.00	0.00055

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	100.00	0.00023	160.00	90.00	0.00029
160.00	80.00	0.00036	160.00	70.00	0.00045
160.00	60.00	0.00058	160.00	50.00	0.00076
160.00	40.00	0.00098	160.00	30.00	0.00128
160.00	25.00	0.00146	160.00	20.00	0.00167
160.00	17.00	0.00182	160.00	15.00	0.00192
160.00	13.00	0.00202	160.00	11.00	0.00215
160.00	9.00	0.00232	160.00	-9.00	0.00558
160.00	-11.00	0.00515	160.00	-13.00	0.00476
160.00	-15.00	0.00439	160.00	-17.00	0.00405
160.00	-20.00	0.00360	160.00	-25.00	0.00299
160.00	-30.00	0.00253	160.00	-40.00	0.00192
160.00	-50.00	0.00153	160.00	-60.00	0.00125
160.00	-70.00	0.00105	160.00	-80.00	0.00089
160.00	-90.00	0.00076	160.00	-100.00	0.00066
170.00	100.00	0.00021	170.00	90.00	0.00026
170.00	80.00	0.00032	170.00	70.00	0.00040
170.00	60.00	0.00053	170.00	50.00	0.00070
170.00	40.00	0.00093	170.00	30.00	0.00124
170.00	25.00	0.00143	170.00	20.00	0.00166
170.00	17.00	0.00182	170.00	15.00	0.00194
170.00	13.00	0.00208	170.00	11.00	0.00224
170.00	9.00	0.00246	170.00	-9.00	0.00649
170.00	-11.00	0.00612	170.00	-13.00	0.00577
170.00	-15.00	0.00545	170.00	-17.00	0.00513

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 39

CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00468	170.00	-25.00	0.00401
170.00	-30.00	0.00343	170.00	-40.00	0.00257
170.00	-50.00	0.00199	170.00	-60.00	0.00159
170.00	-70.00	0.00129	170.00	-80.00	0.00108
170.00	-90.00	0.00091	170.00	-100.00	0.00077
180.00	100.00	0.00018	180.00	90.00	0.00023
180.00	80.00	0.00028	180.00	70.00	0.00035
180.00	60.00	0.00046	180.00	50.00	0.00062
180.00	40.00	0.00085	180.00	30.00	0.00117

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	25.00	0.00138	180.00	20.00	0.00162
180.00	17.00	0.00179	180.00	15.00	0.00193
180.00	13.00	0.00209	180.00	11.00	0.00229
180.00	9.00	0.00253	180.00	-9.00	0.00706
180.00	-11.00	0.00673	180.00	-13.00	0.00642
180.00	-15.00	0.00612	180.00	-17.00	0.00584
180.00	-20.00	0.00543	180.00	-25.00	0.00478
180.00	-30.00	0.00419	180.00	-40.00	0.00319
180.00	-50.00	0.00246	180.00	-60.00	0.00194
180.00	-70.00	0.00156	180.00	-80.00	0.00128
180.00	-90.00	0.00106	180.00	-100.00	0.00090
190.00	100.00	0.00016	190.00	90.00	0.00020
190.00	80.00	0.00024	190.00	70.00	0.00031
190.00	60.00	0.00040	190.00	50.00	0.00053
190.00	40.00	0.00074	190.00	30.00	0.00106
190.00	25.00	0.00127	190.00	20.00	0.00153
190.00	17.00	0.00172	190.00	15.00	0.00187
190.00	13.00	0.00205	190.00	11.00	0.00226
190.00	9.00	0.00254	190.00	-9.00	0.00743
190.00	-11.00	0.00711	190.00	-13.00	0.00684
190.00	-15.00	0.00657	190.00	-17.00	0.00630
190.00	-20.00	0.00592	190.00	-25.00	0.00532
190.00	-30.00	0.00474	190.00	-40.00	0.00372
190.00	-50.00	0.00290	190.00	-60.00	0.00229
190.00	-70.00	0.00183	190.00	-80.00	0.00148
190.00	-90.00	0.00122	190.00	-100.00	0.00102
200.00	100.00	0.00014	200.00	90.00	0.00017
200.00	80.00	0.00021	200.00	70.00	0.00026
200.00	60.00	0.00034	200.00	50.00	0.00044
200.00	40.00	0.00061	200.00	30.00	0.00089
200.00	25.00	0.00110	200.00	20.00	0.00138

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

11:04:59

\*\*MODELOPTs:

PAGE 40

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West 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
200.00	17.00	0.00158	200.00	15.00	0.00174
200.00	13.00	0.00193	200.00	11.00	0.00216
200.00	9.00	0.00245	200.00	-9.00	0.00765

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-11.00	0.00735	200.00	-13.00	0.00710
200.00	-15.00	0.00686	200.00	-17.00	0.00661
200.00	-20.00	0.00625	200.00	-25.00	0.00567
200.00	-30.00	0.00513	200.00	-40.00	0.00412
200.00	-50.00	0.00327	200.00	-60.00	0.00259
200.00	-70.00	0.00207	200.00	-80.00	0.00168
200.00	-90.00	0.00138	200.00	-100.00	0.00115
210.00	100.00	0.00013	210.00	90.00	0.00015
210.00	80.00	0.00018	210.00	70.00	0.00022
210.00	60.00	0.00028	210.00	50.00	0.00037
210.00	40.00	0.00050	210.00	30.00	0.00071
210.00	25.00	0.00088	210.00	20.00	0.00113
210.00	17.00	0.00133	210.00	15.00	0.00150
210.00	13.00	0.00170	210.00	11.00	0.00194
210.00	9.00	0.00224	210.00	-9.00	0.00777
210.00	-11.00	0.00748	210.00	-13.00	0.00724
210.00	-15.00	0.00702	210.00	-17.00	0.00679
210.00	-20.00	0.00645	210.00	-25.00	0.00589
210.00	-30.00	0.00535	210.00	-40.00	0.00438
210.00	-50.00	0.00353	210.00	-60.00	0.00284
210.00	-70.00	0.00229	210.00	-80.00	0.00186
210.00	-90.00	0.00153	210.00	-100.00	0.00127
220.00	100.00	0.00012	220.00	90.00	0.00014
220.00	80.00	0.00016	220.00	70.00	0.00020
220.00	60.00	0.00025	220.00	50.00	0.00031
220.00	40.00	0.00041	220.00	30.00	0.00057
220.00	25.00	0.00070	220.00	20.00	0.00089
220.00	17.00	0.00104	220.00	15.00	0.00117
220.00	13.00	0.00134	220.00	11.00	0.00155
220.00	9.00	0.00183	220.00	-9.00	0.00777
220.00	-11.00	0.00751	220.00	-13.00	0.00725
220.00	-15.00	0.00704	220.00	-17.00	0.00683
220.00	-20.00	0.00650	220.00	-25.00	0.00595
220.00	-30.00	0.00544	220.00	-40.00	0.00450
220.00	-50.00	0.00369	220.00	-60.00	0.00300
220.00	-70.00	0.00244	220.00	-80.00	0.00200
220.00	-90.00	0.00165	220.00	-100.00	0.00138

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 41

CONC URBAN FLAT FLGPOL DFAULT

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



10NCRA\_PL97-300\_DPM\_TRAV\_ANN E-W Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
230.00	100.00	0.00011	230.00	90.00	0.00013	
230.00	80.00	0.00015	230.00	70.00	0.00018	
230.00	60.00	0.00022	230.00	50.00	0.00028	
230.00	40.00	0.00037	230.00	30.00	0.00051	
230.00	25.00	0.00062	230.00	20.00	0.00079	
230.00	17.00	0.00092	230.00	15.00	0.00104	
230.00	13.00	0.00118	230.00	11.00	0.00135	
230.00	9.00	0.00158	230.00	-9.00	0.00685	
230.00	-11.00	0.00686	230.00	-13.00	0.00675	
230.00	-15.00	0.00660	230.00	-17.00	0.00646	
230.00	-20.00	0.00620	230.00	-25.00	0.00575	
230.00	-30.00	0.00529	230.00	-40.00	0.00445	
230.00	-50.00	0.00370	230.00	-60.00	0.00306	
230.00	-70.00	0.00253	230.00	-80.00	0.00209	
230.00	-90.00	0.00174	230.00	-100.00	0.00145	
240.00	100.00	0.00010	240.00	90.00	0.00012	
240.00	80.00	0.00014	240.00	70.00	0.00017	
240.00	60.00	0.00021	240.00	50.00	0.00026	
240.00	40.00	0.00034	240.00	30.00	0.00047	
240.00	25.00	0.00058	240.00	20.00	0.00073	
240.00	17.00	0.00085	240.00	15.00	0.00095	
240.00	13.00	0.00108	240.00	11.00	0.00123	
240.00	9.00	0.00142	240.00	-9.00	0.00469	
240.00	-11.00	0.00495	240.00	-13.00	0.00514	
240.00	-15.00	0.00526	240.00	-17.00	0.00531	
240.00	-20.00	0.00529	240.00	-25.00	0.00511	
240.00	-30.00	0.00481	240.00	-40.00	0.00418	
240.00	-50.00	0.00356	240.00	-60.00	0.00301	
240.00	-70.00	0.00253	240.00	-80.00	0.00212	
240.00	-90.00	0.00178	240.00	-100.00	0.00150	
250.00	100.00	0.00010	250.00	90.00	0.00011	
250.00	80.00	0.00013	250.00	70.00	0.00016	
250.00	60.00	0.00020	250.00	50.00	0.00024	
250.00	40.00	0.00032	250.00	30.00	0.00044	
250.00	25.00	0.00053	250.00	20.00	0.00066	
250.00	17.00	0.00077	250.00	15.00	0.00086	
250.00	13.00	0.00097	250.00	11.00	0.00109	
250.00	9.00	0.00123	250.00	-9.00	0.00323	
250.00	-11.00	0.00344	250.00	-13.00	0.00362	
250.00	-15.00	0.00377	250.00	-17.00	0.00390	

04/20/08

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 42

CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00403	250.00	-25.00	0.00412
250.00	-30.00	0.00407	250.00	-40.00	0.00374
250.00	-50.00	0.00330	250.00	-60.00	0.00286
250.00	-70.00	0.00245	250.00	-80.00	0.00209
250.00	-90.00	0.00178	250.00	-100.00	0.00152

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

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 43

CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

11:04:59  
 \*\*MODELOPTS:  
 PAGE 44  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00005	-230.00	-25.00	0.00005
-230.00	-30.00	0.00005	-230.00	-40.00	0.00004
-230.00	-50.00	0.00004	-230.00	-60.00	0.00004
-230.00	-70.00	0.00004	-230.00	-80.00	0.00004
-230.00	-90.00	0.00004	-230.00	-100.00	0.00004
-220.00	100.00	0.00007	-220.00	90.00	0.00007
-220.00	80.00	0.00007	-220.00	70.00	0.00006
-220.00	60.00	0.00006	-220.00	50.00	0.00006
-220.00	40.00	0.00006	-220.00	30.00	0.00006
-220.00	25.00	0.00005	-220.00	20.00	0.00005
-220.00	17.00	0.00005	-220.00	15.00	0.00005
-220.00	13.00	0.00005	-220.00	11.00	0.00005
-220.00	9.00	0.00005	-220.00	-9.00	0.00005
-220.00	-11.00	0.00005	-220.00	-13.00	0.00005

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTS:  
 PAGE 45

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

11:04:59  
 \*\*MODELOPTS:  
 PAGE 46  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
 \*\*MODELOPTS:  
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

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

10NCRA PL97-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S2 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00008	-150.00	-25.00	0.00008
-150.00	-30.00	0.00008	-150.00	-40.00	0.00007
-150.00	-50.00	0.00007	-150.00	-60.00	0.00007
-150.00	-70.00	0.00007	-150.00	-80.00	0.00006
-150.00	-90.00	0.00006	-150.00	-100.00	0.00006
-140.00	100.00	0.00010	-140.00	90.00	0.00011
-140.00	80.00	0.00011	-140.00	70.00	0.00011
-140.00	60.00	0.00012	-140.00	50.00	0.00011
-140.00	40.00	0.00011	-140.00	30.00	0.00010
-140.00	25.00	0.00010	-140.00	20.00	0.00010
-140.00	17.00	0.00009	-140.00	15.00	0.00009
-140.00	13.00	0.00009	-140.00	11.00	0.00009
-140.00	9.00	0.00009	-140.00	-9.00	0.00009
-140.00	-11.00	0.00008	-140.00	-13.00	0.00008
-140.00	-15.00	0.00008	-140.00	-17.00	0.00008
-140.00	-20.00	0.00008	-140.00	-25.00	0.00008
-140.00	-30.00	0.00008	-140.00	-40.00	0.00008
-140.00	-50.00	0.00008	-140.00	-60.00	0.00007
-140.00	-70.00	0.00007	-140.00	-80.00	0.00007
-140.00	-90.00	0.00006	-140.00	-100.00	0.00006
-130.00	100.00	0.00011	-130.00	90.00	0.00012
-130.00	80.00	0.00012	-130.00	70.00	0.00012
-130.00	60.00	0.00013	-130.00	50.00	0.00012
-130.00	40.00	0.00012	-130.00	30.00	0.00011
-130.00	25.00	0.00011	-130.00	20.00	0.00011
-130.00	17.00	0.00010	-130.00	15.00	0.00010
-130.00	13.00	0.00010	-130.00	11.00	0.00010
-130.00	9.00	0.00010	-130.00	-9.00	0.00009
-130.00	-11.00	0.00009	-130.00	-13.00	0.00009
-130.00	-15.00	0.00009	-130.00	-17.00	0.00009
-130.00	-20.00	0.00009	-130.00	-25.00	0.00009
-130.00	-30.00	0.00009	-130.00	-40.00	0.00009
-130.00	-50.00	0.00008	-130.00	-60.00	0.00008
-130.00	-70.00	0.00008	-130.00	-80.00	0.00007
-130.00	-90.00	0.00007	-130.00	-100.00	0.00006
-120.00	100.00	0.00012	-120.00	90.00	0.00012
-120.00	80.00	0.00013	-120.00	70.00	0.00013
-120.00	60.00	0.00014	-120.00	50.00	0.00014
-120.00	40.00	0.00013	-120.00	30.00	0.00012
-120.00	25.00	0.00012	-120.00	20.00	0.00012

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTS:

PAGE 48

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00011	-120.00	15.00	0.00011
-120.00	13.00	0.00011	-120.00	11.00	0.00011
-120.00	9.00	0.00011	-120.00	-9.00	0.00010
-120.00	-11.00	0.00010	-120.00	-13.00	0.00010
-120.00	-15.00	0.00010	-120.00	-17.00	0.00010
-120.00	-20.00	0.00010	-120.00	-25.00	0.00010
-120.00	-30.00	0.00010	-120.00	-40.00	0.00009
-120.00	-50.00	0.00009	-120.00	-60.00	0.00009
-120.00	-70.00	0.00008	-120.00	-80.00	0.00008
-120.00	-90.00	0.00007	-120.00	-100.00	0.00007
-110.00	100.00	0.00013	-110.00	90.00	0.00013
-110.00	80.00	0.00014	-110.00	70.00	0.00015
-110.00	60.00	0.00015	-110.00	50.00	0.00015
-110.00	40.00	0.00014	-110.00	30.00	0.00014
-110.00	25.00	0.00013	-110.00	20.00	0.00013
-110.00	17.00	0.00013	-110.00	15.00	0.00012
-110.00	13.00	0.00012	-110.00	11.00	0.00012
-110.00	9.00	0.00012	-110.00	-9.00	0.00011
-110.00	-11.00	0.00011	-110.00	-13.00	0.00011
-110.00	-15.00	0.00011	-110.00	-17.00	0.00011
-110.00	-20.00	0.00011	-110.00	-25.00	0.00011
-110.00	-30.00	0.00010	-110.00	-40.00	0.00010
-110.00	-50.00	0.00010	-110.00	-60.00	0.00009
-110.00	-70.00	0.00009	-110.00	-80.00	0.00008
-110.00	-90.00	0.00008	-110.00	-100.00	0.00007
-100.00	100.00	0.00014	-100.00	90.00	0.00014
-100.00	80.00	0.00015	-100.00	70.00	0.00016
-100.00	60.00	0.00016	-100.00	50.00	0.00016
-100.00	40.00	0.00016	-100.00	30.00	0.00015
-100.00	25.00	0.00015	-100.00	20.00	0.00014
-100.00	17.00	0.00014	-100.00	15.00	0.00014
-100.00	13.00	0.00013	-100.00	11.00	0.00013
-100.00	9.00	0.00013	-100.00	-9.00	0.00012
-100.00	-11.00	0.00012	-100.00	-13.00	0.00012



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-15.00	0.00012	-100.00	-17.00	0.00012
-100.00	-20.00	0.00012	-100.00	-25.00	0.00012
-100.00	-30.00	0.00011	-100.00	-40.00	0.00011
-100.00	-50.00	0.00011	-100.00	-60.00	0.00010
-100.00	-70.00	0.00009	-100.00	-80.00	0.00009
-100.00	-90.00	0.00008	-100.00	-100.00	0.00008

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 49

CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S2 ,

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

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	60.00	0.00027	-50.00	50.00	0.00028
-50.00	40.00	0.00029	-50.00	30.00	0.00029
-50.00	25.00	0.00028	-50.00	20.00	0.00027
-50.00	17.00	0.00026	-50.00	15.00	0.00025
-50.00	13.00	0.00025	-50.00	11.00	0.00024
-50.00	9.00	0.00024	-50.00	-9.00	0.00021
-50.00	-11.00	0.00021	-50.00	-13.00	0.00021
-50.00	-15.00	0.00021	-50.00	-17.00	0.00020
-50.00	-20.00	0.00020	-50.00	-25.00	0.00020
-50.00	-30.00	0.00019	-50.00	-40.00	0.00018
-50.00	-50.00	0.00016	-50.00	-60.00	0.00015
-50.00	-70.00	0.00014	-50.00	-80.00	0.00013
-50.00	-90.00	0.00012	-50.00	-100.00	0.00011
-40.00	100.00	0.00024	-40.00	90.00	0.00026
-40.00	80.00	0.00027	-40.00	70.00	0.00029
-40.00	60.00	0.00030	-40.00	50.00	0.00031
-40.00	40.00	0.00033	-40.00	30.00	0.00033
-40.00	25.00	0.00032	-40.00	20.00	0.00031

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 51

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	13.00	0.00034	-30.00	11.00	0.00033
-30.00	9.00	0.00032	-30.00	-9.00	0.00028
-30.00	-11.00	0.00027	-30.00	-13.00	0.00027
-30.00	-15.00	0.00027	-30.00	-17.00	0.00027
-30.00	-20.00	0.00026	-30.00	-25.00	0.00025
-30.00	-30.00	0.00024	-30.00	-40.00	0.00022
-30.00	-50.00	0.00020	-30.00	-60.00	0.00018
-30.00	-70.00	0.00017	-30.00	-80.00	0.00016
-30.00	-90.00	0.00015	-30.00	-100.00	0.00014
-20.00	100.00	0.00028	-20.00	90.00	0.00031
-20.00	80.00	0.00034	-20.00	70.00	0.00037
-20.00	60.00	0.00039	-20.00	50.00	0.00041
-20.00	40.00	0.00043	-20.00	30.00	0.00045
-20.00	25.00	0.00045	-20.00	20.00	0.00044
-20.00	17.00	0.00043	-20.00	15.00	0.00042
-20.00	13.00	0.00041	-20.00	11.00	0.00039
-20.00	9.00	0.00038	-20.00	-9.00	0.00032
-20.00	-11.00	0.00032	-20.00	-13.00	0.00031
-20.00	-15.00	0.00031	-20.00	-17.00	0.00031
-20.00	-20.00	0.00030	-20.00	-25.00	0.00029
-20.00	-30.00	0.00027	-20.00	-40.00	0.00025
-20.00	-50.00	0.00022	-20.00	-60.00	0.00020
-20.00	-70.00	0.00019	-20.00	-80.00	0.00017
-20.00	-90.00	0.00016	-20.00	-100.00	0.00016

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 52  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00030	-10.00	90.00	0.00034
-10.00	80.00	0.00037	-10.00	70.00	0.00041
-10.00	60.00	0.00045	-10.00	50.00	0.00048
-10.00	40.00	0.00051	-10.00	30.00	0.00053
-10.00	25.00	0.00053	-10.00	20.00	0.00053
-10.00	17.00	0.00052	-10.00	15.00	0.00050
-10.00	13.00	0.00049	-10.00	11.00	0.00048
-10.00	9.00	0.00046	-10.00	-9.00	0.00038
-10.00	-11.00	0.00037	-10.00	-13.00	0.00037
-10.00	-15.00	0.00036	-10.00	-17.00	0.00035

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-20.00	0.00035	-10.00	-25.00	0.00033
-10.00	-30.00	0.00031	-10.00	-40.00	0.00028
-10.00	-50.00	0.00025	-10.00	-60.00	0.00023
-10.00	-70.00	0.00021	-10.00	-80.00	0.00020
-10.00	-90.00	0.00019	-10.00	-100.00	0.00018
0.00	100.00	0.00031	0.00	90.00	0.00036
0.00	80.00	0.00040	0.00	70.00	0.00046
0.00	60.00	0.00051	0.00	50.00	0.00056
0.00	40.00	0.00060	0.00	30.00	0.00063
0.00	25.00	0.00064	0.00	20.00	0.00064
0.00	17.00	0.00063	0.00	15.00	0.00062
0.00	13.00	0.00061	0.00	11.00	0.00059
0.00	9.00	0.00057	0.00	-9.00	0.00044
0.00	-11.00	0.00044	0.00	-13.00	0.00043
0.00	-15.00	0.00042	0.00	-17.00	0.00041
0.00	-20.00	0.00040	0.00	-25.00	0.00037
0.00	-30.00	0.00035	0.00	-40.00	0.00032
0.00	-50.00	0.00028	0.00	-60.00	0.00026
0.00	-70.00	0.00024	0.00	-80.00	0.00023
0.00	-90.00	0.00022	0.00	-100.00	0.00020
10.00	100.00	0.00032	10.00	90.00	0.00037
10.00	80.00	0.00043	10.00	70.00	0.00050
10.00	60.00	0.00057	10.00	50.00	0.00065
10.00	40.00	0.00072	10.00	30.00	0.00077
10.00	25.00	0.00078	10.00	20.00	0.00078
10.00	17.00	0.00078	10.00	15.00	0.00077
10.00	13.00	0.00076	10.00	11.00	0.00074
10.00	9.00	0.00071	10.00	-9.00	0.00053
10.00	-11.00	0.00051	10.00	-13.00	0.00050
10.00	-15.00	0.00049	10.00	-17.00	0.00048

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 53  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00046	10.00	-25.00	0.00043
10.00	-30.00	0.00040	10.00	-40.00	0.00036
10.00	-50.00	0.00033	10.00	-60.00	0.00031
10.00	-70.00	0.00029	10.00	-80.00	0.00027

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-90.00	0.00025	10.00	-100.00	0.00023
20.00	100.00	0.00032	20.00	90.00	0.00038
20.00	80.00	0.00045	20.00	70.00	0.00053
20.00	60.00	0.00062	20.00	50.00	0.00073
20.00	40.00	0.00084	20.00	30.00	0.00094
20.00	25.00	0.00097	20.00	20.00	0.00098
20.00	17.00	0.00098	20.00	15.00	0.00097
20.00	13.00	0.00096	20.00	11.00	0.00094
20.00	9.00	0.00091	20.00	-9.00	0.00062
20.00	-11.00	0.00061	20.00	-13.00	0.00059
20.00	-15.00	0.00057	20.00	-17.00	0.00055
20.00	-20.00	0.00053	20.00	-25.00	0.00050
20.00	-30.00	0.00047	20.00	-40.00	0.00042
20.00	-50.00	0.00039	20.00	-60.00	0.00037
20.00	-70.00	0.00034	20.00	-80.00	0.00032
20.00	-90.00	0.00029	20.00	-100.00	0.00027
30.00	100.00	0.00031	30.00	90.00	0.00038
30.00	80.00	0.00045	30.00	70.00	0.00054
30.00	60.00	0.00066	30.00	50.00	0.00079
30.00	40.00	0.00095	30.00	30.00	0.00112
30.00	25.00	0.00121	30.00	20.00	0.00126
30.00	17.00	0.00127	30.00	15.00	0.00127
30.00	13.00	0.00126	30.00	11.00	0.00124
30.00	9.00	0.00120	30.00	-9.00	0.00074
30.00	-11.00	0.00071	30.00	-13.00	0.00069
30.00	-15.00	0.00067	30.00	-17.00	0.00065
30.00	-20.00	0.00062	30.00	-25.00	0.00059
30.00	-30.00	0.00057	30.00	-40.00	0.00052
30.00	-50.00	0.00048	30.00	-60.00	0.00045
30.00	-70.00	0.00041	30.00	-80.00	0.00038
30.00	-90.00	0.00034	30.00	-100.00	0.00032
40.00	100.00	0.00030	40.00	90.00	0.00036
40.00	80.00	0.00044	40.00	70.00	0.00054
40.00	60.00	0.00067	40.00	50.00	0.00082
40.00	40.00	0.00101	40.00	30.00	0.00125
40.00	25.00	0.00139	40.00	20.00	0.00152

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 54

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

10NCRA PL97-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00159	40.00	15.00	0.00163
40.00	13.00	0.00166	40.00	11.00	0.00168
40.00	9.00	0.00168	40.00	-9.00	0.00091
40.00	-11.00	0.00088	40.00	-13.00	0.00085
40.00	-15.00	0.00083	40.00	-17.00	0.00081
40.00	-20.00	0.00079	40.00	-25.00	0.00076
40.00	-30.00	0.00073	40.00	-40.00	0.00067
40.00	-50.00	0.00061	40.00	-60.00	0.00056
40.00	-70.00	0.00050	40.00	-80.00	0.00046
40.00	-90.00	0.00041	40.00	-100.00	0.00038
50.00	100.00	0.00028	50.00	90.00	0.00034
50.00	80.00	0.00042	50.00	70.00	0.00053
50.00	60.00	0.00066	50.00	50.00	0.00082
50.00	40.00	0.00103	50.00	30.00	0.00129
50.00	25.00	0.00145	50.00	20.00	0.00162
50.00	17.00	0.00172	50.00	15.00	0.00178
50.00	13.00	0.00184	50.00	11.00	0.00191
50.00	9.00	0.00198	50.00	-9.00	0.00189
50.00	-11.00	0.00166	50.00	-13.00	0.00151
50.00	-15.00	0.00141	50.00	-17.00	0.00133
50.00	-20.00	0.00125	50.00	-25.00	0.00114
50.00	-30.00	0.00106	50.00	-40.00	0.00093
50.00	-50.00	0.00082	50.00	-60.00	0.00072
50.00	-70.00	0.00064	50.00	-80.00	0.00057
50.00	-90.00	0.00050	50.00	-100.00	0.00045
60.00	100.00	0.00026	60.00	90.00	0.00032
60.00	80.00	0.00039	60.00	70.00	0.00049
60.00	60.00	0.00063	60.00	50.00	0.00080
60.00	40.00	0.00101	60.00	30.00	0.00129
60.00	25.00	0.00146	60.00	20.00	0.00166
60.00	17.00	0.00177	60.00	15.00	0.00185
60.00	13.00	0.00194	60.00	11.00	0.00203
60.00	9.00	0.00214	60.00	-9.00	0.00408
60.00	-11.00	0.00359	60.00	-13.00	0.00319
60.00	-15.00	0.00286	60.00	-17.00	0.00259
60.00	-20.00	0.00228	60.00	-25.00	0.00192
60.00	-30.00	0.00168	60.00	-40.00	0.00136
60.00	-50.00	0.00114	60.00	-60.00	0.00096
60.00	-70.00	0.00082	60.00	-80.00	0.00071
60.00	-90.00	0.00062	60.00	-100.00	0.00055

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTS:  
PAGE 55

CONC URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00023	70.00	90.00	0.00029
70.00	80.00	0.00036	70.00	70.00	0.00045
70.00	60.00	0.00058	70.00	50.00	0.00076
70.00	40.00	0.00098	70.00	30.00	0.00128
70.00	25.00	0.00146	70.00	20.00	0.00167
70.00	17.00	0.00182	70.00	15.00	0.00192
70.00	13.00	0.00202	70.00	11.00	0.00215
70.00	9.00	0.00232	70.00	-9.00	0.00558
70.00	-11.00	0.00515	70.00	-13.00	0.00476
70.00	-15.00	0.00439	70.00	-17.00	0.00405
70.00	-20.00	0.00360	70.00	-25.00	0.00299
70.00	-30.00	0.00253	70.00	-40.00	0.00192
70.00	-50.00	0.00153	70.00	-60.00	0.00125
70.00	-70.00	0.00105	70.00	-80.00	0.00089
70.00	-90.00	0.00076	70.00	-100.00	0.00066
80.00	100.00	0.00021	80.00	90.00	0.00026
80.00	80.00	0.00032	80.00	70.00	0.00040
80.00	60.00	0.00053	80.00	50.00	0.00070
80.00	40.00	0.00093	80.00	30.00	0.00124
80.00	25.00	0.00143	80.00	20.00	0.00166
80.00	17.00	0.00182	80.00	15.00	0.00194
80.00	13.00	0.00208	80.00	11.00	0.00224
80.00	9.00	0.00246	80.00	-9.00	0.00649
80.00	-11.00	0.00612	80.00	-13.00	0.00577
80.00	-15.00	0.00545	80.00	-17.00	0.00513
80.00	-20.00	0.00468	80.00	-25.00	0.00401
80.00	-30.00	0.00343	80.00	-40.00	0.00257
80.00	-50.00	0.00199	80.00	-60.00	0.00159
80.00	-70.00	0.00129	80.00	-80.00	0.00108
80.00	-90.00	0.00091	80.00	-100.00	0.00077
90.00	100.00	0.00018	90.00	90.00	0.00023
90.00	80.00	0.00028	90.00	70.00	0.00035
90.00	60.00	0.00046	90.00	50.00	0.00062
90.00	40.00	0.00085	90.00	30.00	0.00117
90.00	25.00	0.00138	90.00	20.00	0.00162
90.00	17.00	0.00179	90.00	15.00	0.00193



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	13.00	0.00209	90.00	11.00	0.00229
90.00	9.00	0.00253	90.00	-9.00	0.00706
90.00	-11.00	0.00673	90.00	-13.00	0.00642
90.00	-15.00	0.00612	90.00	-17.00	0.00584

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

11:04:59

\*\*MODELOPTs:  
 PAGE 56

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00543	90.00	-25.00	0.00478
90.00	-30.00	0.00419	90.00	-40.00	0.00319
90.00	-50.00	0.00246	90.00	-60.00	0.00194
90.00	-70.00	0.00156	90.00	-80.00	0.00128
90.00	-90.00	0.00106	90.00	-100.00	0.00090
100.00	100.00	0.00016	100.00	90.00	0.00020
100.00	80.00	0.00024	100.00	70.00	0.00031
100.00	60.00	0.00040	100.00	50.00	0.00053
100.00	40.00	0.00074	100.00	30.00	0.00106
100.00	25.00	0.00127	100.00	20.00	0.00153
100.00	17.00	0.00172	100.00	15.00	0.00187
100.00	13.00	0.00205	100.00	11.00	0.00226
100.00	9.00	0.00254	100.00	-9.00	0.00743
100.00	-11.00	0.00711	100.00	-13.00	0.00684
100.00	-15.00	0.00657	100.00	-17.00	0.00630
100.00	-20.00	0.00592	100.00	-25.00	0.00532
100.00	-30.00	0.00474	100.00	-40.00	0.00372
100.00	-50.00	0.00290	100.00	-60.00	0.00229
100.00	-70.00	0.00183	100.00	-80.00	0.00148
100.00	-90.00	0.00122	100.00	-100.00	0.00102
110.00	100.00	0.00014	110.00	90.00	0.00017
110.00	80.00	0.00021	110.00	70.00	0.00026
110.00	60.00	0.00034	110.00	50.00	0.00044
110.00	40.00	0.00061	110.00	30.00	0.00089
110.00	25.00	0.00110	110.00	20.00	0.00138
110.00	17.00	0.00158	110.00	15.00	0.00174
110.00	13.00	0.00193	110.00	11.00	0.00216
110.00	9.00	0.00245	110.00	-9.00	0.00765
110.00	-11.00	0.00735	110.00	-13.00	0.00710
110.00	-15.00	0.00686	110.00	-17.00	0.00661

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-20.00	0.00625	110.00	-25.00	0.00567
110.00	-30.00	0.00513	110.00	-40.00	0.00412
110.00	-50.00	0.00327	110.00	-60.00	0.00259
110.00	-70.00	0.00207	110.00	-80.00	0.00168
110.00	-90.00	0.00138	110.00	-100.00	0.00115
120.00	100.00	0.00013	120.00	90.00	0.00015
120.00	80.00	0.00018	120.00	70.00	0.00022
120.00	60.00	0.00028	120.00	50.00	0.00037
120.00	40.00	0.00050	120.00	30.00	0.00071
120.00	25.00	0.00088	120.00	20.00	0.00113

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 57

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00133	120.00	15.00	0.00150
120.00	13.00	0.00170	120.00	11.00	0.00194
120.00	9.00	0.00224	120.00	-9.00	0.00777
120.00	-11.00	0.00748	120.00	-13.00	0.00724
120.00	-15.00	0.00702	120.00	-17.00	0.00679
120.00	-20.00	0.00645	120.00	-25.00	0.00589
120.00	-30.00	0.00535	120.00	-40.00	0.00438
120.00	-50.00	0.00353	120.00	-60.00	0.00284
120.00	-70.00	0.00229	120.00	-80.00	0.00186
120.00	-90.00	0.00153	120.00	-100.00	0.00127
130.00	100.00	0.00012	130.00	90.00	0.00014
130.00	80.00	0.00016	130.00	70.00	0.00020
130.00	60.00	0.00025	130.00	50.00	0.00031
130.00	40.00	0.00041	130.00	30.00	0.00057
130.00	25.00	0.00070	130.00	20.00	0.00089
130.00	17.00	0.00104	130.00	15.00	0.00117
130.00	13.00	0.00134	130.00	11.00	0.00155
130.00	9.00	0.00183	130.00	-9.00	0.00777
130.00	-11.00	0.00751	130.00	-13.00	0.00725
130.00	-15.00	0.00704	130.00	-17.00	0.00683
130.00	-20.00	0.00650	130.00	-25.00	0.00595
130.00	-30.00	0.00544	130.00	-40.00	0.00450
130.00	-50.00	0.00369	130.00	-60.00	0.00300
130.00	-70.00	0.00244	130.00	-80.00	0.00200

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-90.00	0.00165	130.00	-100.00	0.00138
140.00	100.00	0.00011	140.00	90.00	0.00013
140.00	80.00	0.00015	140.00	70.00	0.00018
140.00	60.00	0.00022	140.00	50.00	0.00028
140.00	40.00	0.00037	140.00	30.00	0.00051
140.00	25.00	0.00062	140.00	20.00	0.00079
140.00	17.00	0.00092	140.00	15.00	0.00104
140.00	13.00	0.00118	140.00	11.00	0.00135
140.00	9.00	0.00158	140.00	-9.00	0.00685
140.00	-11.00	0.00686	140.00	-13.00	0.00675
140.00	-15.00	0.00660	140.00	-17.00	0.00646
140.00	-20.00	0.00620	140.00	-25.00	0.00575
140.00	-30.00	0.00529	140.00	-40.00	0.00445
140.00	-50.00	0.00370	140.00	-60.00	0.00306
140.00	-70.00	0.00253	140.00	-80.00	0.00209
140.00	-90.00	0.00174	140.00	-100.00	0.00145

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

11:04:59

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:

PAGE 58

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00010	150.00	90.00	0.00012
150.00	80.00	0.00014	150.00	70.00	0.00017
150.00	60.00	0.00021	150.00	50.00	0.00026
150.00	40.00	0.00034	150.00	30.00	0.00047
150.00	25.00	0.00058	150.00	20.00	0.00073
150.00	17.00	0.00085	150.00	15.00	0.00095
150.00	13.00	0.00108	150.00	11.00	0.00123
150.00	9.00	0.00142	150.00	-9.00	0.00469
150.00	-11.00	0.00495	150.00	-13.00	0.00514
150.00	-15.00	0.00526	150.00	-17.00	0.00531
150.00	-20.00	0.00529	150.00	-25.00	0.00511
150.00	-30.00	0.00481	150.00	-40.00	0.00418
150.00	-50.00	0.00356	150.00	-60.00	0.00301
150.00	-70.00	0.00253	150.00	-80.00	0.00212
150.00	-90.00	0.00178	150.00	-100.00	0.00150
160.00	100.00	0.00010	160.00	90.00	0.00011
160.00	80.00	0.00013	160.00	70.00	0.00016
160.00	60.00	0.00020	160.00	50.00	0.00024

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	40.00	0.00032	160.00	30.00	0.00044
160.00	25.00	0.00053	160.00	20.00	0.00066
160.00	17.00	0.00077	160.00	15.00	0.00086
160.00	13.00	0.00097	160.00	11.00	0.00109
160.00	9.00	0.00123	160.00	-9.00	0.00323
160.00	-11.00	0.00344	160.00	-13.00	0.00362
160.00	-15.00	0.00377	160.00	-17.00	0.00390
160.00	-20.00	0.00403	160.00	-25.00	0.00412
160.00	-30.00	0.00407	160.00	-40.00	0.00374
160.00	-50.00	0.00330	160.00	-60.00	0.00286
160.00	-70.00	0.00245	160.00	-80.00	0.00209
160.00	-90.00	0.00178	160.00	-100.00	0.00152
170.00	100.00	0.00009	170.00	90.00	0.00011
170.00	80.00	0.00013	170.00	70.00	0.00015
170.00	60.00	0.00018	170.00	50.00	0.00023
170.00	40.00	0.00029	170.00	30.00	0.00040
170.00	25.00	0.00049	170.00	20.00	0.00060
170.00	17.00	0.00069	170.00	15.00	0.00077
170.00	13.00	0.00085	170.00	11.00	0.00094
170.00	9.00	0.00104	170.00	-9.00	0.00234
170.00	-11.00	0.00249	170.00	-13.00	0.00262
170.00	-15.00	0.00274	170.00	-17.00	0.00285

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

11:04:59

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:  
 PAGE 59

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00299	170.00	-25.00	0.00316
170.00	-30.00	0.00324	170.00	-40.00	0.00318
170.00	-50.00	0.00294	170.00	-60.00	0.00264
170.00	-70.00	0.00232	170.00	-80.00	0.00202
170.00	-90.00	0.00175	170.00	-100.00	0.00151
180.00	100.00	0.00009	180.00	90.00	0.00010
180.00	80.00	0.00012	180.00	70.00	0.00014
180.00	60.00	0.00017	180.00	50.00	0.00021
180.00	40.00	0.00027	180.00	30.00	0.00037
180.00	25.00	0.00044	180.00	20.00	0.00055
180.00	17.00	0.00062	180.00	15.00	0.00068
180.00	13.00	0.00074	180.00	11.00	0.00081

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	9.00	0.00088	180.00	-9.00	0.00176
180.00	-11.00	0.00187	180.00	-13.00	0.00197
180.00	-15.00	0.00206	180.00	-17.00	0.00215
180.00	-20.00	0.00226	180.00	-25.00	0.00241
180.00	-30.00	0.00253	180.00	-40.00	0.00262
180.00	-50.00	0.00254	180.00	-60.00	0.00236
180.00	-70.00	0.00214	180.00	-80.00	0.00191
180.00	-90.00	0.00168	180.00	-100.00	0.00148
190.00	100.00	0.00009	190.00	90.00	0.00010
190.00	80.00	0.00011	190.00	70.00	0.00013
190.00	60.00	0.00016	190.00	50.00	0.00020
190.00	40.00	0.00025	190.00	30.00	0.00034
190.00	25.00	0.00041	190.00	20.00	0.00049
190.00	17.00	0.00055	190.00	15.00	0.00060
190.00	13.00	0.00065	190.00	11.00	0.00070
190.00	9.00	0.00075	190.00	-9.00	0.00137
190.00	-11.00	0.00145	190.00	-13.00	0.00153
190.00	-15.00	0.00160	190.00	-17.00	0.00167
190.00	-20.00	0.00176	190.00	-25.00	0.00188
190.00	-30.00	0.00198	190.00	-40.00	0.00211
190.00	-50.00	0.00214	190.00	-60.00	0.00206
190.00	-70.00	0.00193	190.00	-80.00	0.00176
190.00	-90.00	0.00159	190.00	-100.00	0.00142
200.00	100.00	0.00008	200.00	90.00	0.00009
200.00	80.00	0.00011	200.00	70.00	0.00012
200.00	60.00	0.00015	200.00	50.00	0.00018
200.00	40.00	0.00023	200.00	30.00	0.00032
200.00	25.00	0.00037	200.00	20.00	0.00044

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

11:04:59

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:  
 PAGE 60

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00049	200.00	15.00	0.00053
200.00	13.00	0.00056	200.00	11.00	0.00060
200.00	9.00	0.00064	200.00	-9.00	0.00110
200.00	-11.00	0.00116	200.00	-13.00	0.00121
200.00	-15.00	0.00127	200.00	-17.00	0.00132
200.00	-20.00	0.00140	200.00	-25.00	0.00150

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-30.00	0.00159	200.00	-40.00	0.00171
200.00	-50.00	0.00178	200.00	-60.00	0.00177
200.00	-70.00	0.00171	200.00	-80.00	0.00160
200.00	-90.00	0.00148	200.00	-100.00	0.00134
210.00	100.00	0.00008	210.00	90.00	0.00009
210.00	80.00	0.00010	210.00	70.00	0.00012
210.00	60.00	0.00014	210.00	50.00	0.00017
210.00	40.00	0.00022	210.00	30.00	0.00029
210.00	25.00	0.00034	210.00	20.00	0.00040
210.00	17.00	0.00044	210.00	15.00	0.00046
210.00	13.00	0.00049	210.00	11.00	0.00052
210.00	9.00	0.00055	210.00	-9.00	0.00090
210.00	-11.00	0.00094	210.00	-13.00	0.00099
210.00	-15.00	0.00103	210.00	-17.00	0.00107
210.00	-20.00	0.00113	210.00	-25.00	0.00122
210.00	-30.00	0.00130	210.00	-40.00	0.00141
210.00	-50.00	0.00148	210.00	-60.00	0.00151
210.00	-70.00	0.00149	210.00	-80.00	0.00144
210.00	-90.00	0.00135	210.00	-100.00	0.00125
220.00	100.00	0.00007	220.00	90.00	0.00008
220.00	80.00	0.00009	220.00	70.00	0.00011
220.00	60.00	0.00013	220.00	50.00	0.00016
220.00	40.00	0.00020	220.00	30.00	0.00027
220.00	25.00	0.00031	220.00	20.00	0.00036
220.00	17.00	0.00039	220.00	15.00	0.00041
220.00	13.00	0.00043	220.00	11.00	0.00046
220.00	9.00	0.00048	220.00	-9.00	0.00075
220.00	-11.00	0.00078	220.00	-13.00	0.00082
220.00	-15.00	0.00085	220.00	-17.00	0.00089
220.00	-20.00	0.00094	220.00	-25.00	0.00101
220.00	-30.00	0.00107	220.00	-40.00	0.00117
220.00	-50.00	0.00124	220.00	-60.00	0.00128
220.00	-70.00	0.00130	220.00	-80.00	0.00127
220.00	-90.00	0.00122	220.00	-100.00	0.00116

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 61

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	100.00	0.00007	230.00	90.00	0.00008
230.00	80.00	0.00009	230.00	70.00	0.00010
230.00	60.00	0.00012	230.00	50.00	0.00015
230.00	40.00	0.00019	230.00	30.00	0.00025
230.00	25.00	0.00028	230.00	20.00	0.00032
230.00	17.00	0.00035	230.00	15.00	0.00037
230.00	13.00	0.00038	230.00	11.00	0.00040
230.00	9.00	0.00042	230.00	-9.00	0.00063
230.00	-11.00	0.00066	230.00	-13.00	0.00069
230.00	-15.00	0.00072	230.00	-17.00	0.00074
230.00	-20.00	0.00079	230.00	-25.00	0.00085
230.00	-30.00	0.00090	230.00	-40.00	0.00099
230.00	-50.00	0.00105	230.00	-60.00	0.00109
230.00	-70.00	0.00112	230.00	-80.00	0.00112
230.00	-90.00	0.00110	230.00	-100.00	0.00106
240.00	100.00	0.00007	240.00	90.00	0.00007
240.00	80.00	0.00008	240.00	70.00	0.00010
240.00	60.00	0.00012	240.00	50.00	0.00014
240.00	40.00	0.00018	240.00	30.00	0.00023
240.00	25.00	0.00026	240.00	20.00	0.00029
240.00	17.00	0.00031	240.00	15.00	0.00033
240.00	13.00	0.00034	240.00	11.00	0.00036
240.00	9.00	0.00037	240.00	-9.00	0.00054
240.00	-11.00	0.00057	240.00	-13.00	0.00059
240.00	-15.00	0.00061	240.00	-17.00	0.00063
240.00	-20.00	0.00067	240.00	-25.00	0.00072
240.00	-30.00	0.00077	240.00	-40.00	0.00084
240.00	-50.00	0.00090	240.00	-60.00	0.00094
240.00	-70.00	0.00097	240.00	-80.00	0.00098
240.00	-90.00	0.00098	240.00	-100.00	0.00096
250.00	100.00	0.00006	250.00	90.00	0.00007
250.00	80.00	0.00008	250.00	70.00	0.00009
250.00	60.00	0.00011	250.00	50.00	0.00014
250.00	40.00	0.00017	250.00	30.00	0.00021
250.00	25.00	0.00024	250.00	20.00	0.00027
250.00	17.00	0.00028	250.00	15.00	0.00029
250.00	13.00	0.00031	250.00	11.00	0.00032
250.00	9.00	0.00033	250.00	-9.00	0.00047
250.00	-11.00	0.00049	250.00	-13.00	0.00051
250.00	-15.00	0.00053	250.00	-17.00	0.00055

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 62

CONC      URBAN FLAT      FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
250.00	-20.00	0.00057	250.00	-25.00	0.00062	
250.00	-30.00	0.00066	250.00	-40.00	0.00072	
250.00	-50.00	0.00077	250.00	-60.00	0.00081	
250.00	-70.00	0.00084	250.00	-80.00	0.00086	
250.00	-90.00	0.00087	250.00	-100.00	0.00086	

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 63  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-250.00	100.00	0.00009	-250.00	90.00	0.00010	
-250.00	80.00	0.00010	-250.00	70.00	0.00010	
-250.00	60.00	0.00010	-250.00	50.00	0.00009	
-250.00	40.00	0.00009	-250.00	30.00	0.00009	
-250.00	25.00	0.00008	-250.00	20.00	0.00008	
-250.00	17.00	0.00008	-250.00	15.00	0.00008	
-250.00	13.00	0.00008	-250.00	11.00	0.00008	
-250.00	9.00	0.00008	-250.00	-9.00	0.00007	
-250.00	-11.00	0.00007	-250.00	-13.00	0.00007	
-250.00	-15.00	0.00007	-250.00	-17.00	0.00007	
-250.00	-20.00	0.00007	-250.00	-25.00	0.00007	
-250.00	-30.00	0.00007	-250.00	-40.00	0.00007	
-250.00	-50.00	0.00007	-250.00	-60.00	0.00007	
-250.00	-70.00	0.00006	-250.00	-80.00	0.00006	
-250.00	-90.00	0.00006	-250.00	-100.00	0.00005	
-240.00	100.00	0.00010	-240.00	90.00	0.00010	
-240.00	80.00	0.00010	-240.00	70.00	0.00011	
-240.00	60.00	0.00011	-240.00	50.00	0.00010	
-240.00	40.00	0.00010	-240.00	30.00	0.00009	
-240.00	25.00	0.00009	-240.00	20.00	0.00009	
-240.00	17.00	0.00009	-240.00	15.00	0.00009	
-240.00	13.00	0.00009	-240.00	11.00	0.00008	
-240.00	9.00	0.00008	-240.00	-9.00	0.00008	



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00008	-230.00	-25.00	0.00008
-230.00	-30.00	0.00008	-230.00	-40.00	0.00008
-230.00	-50.00	0.00008	-230.00	-60.00	0.00007
-230.00	-70.00	0.00007	-230.00	-80.00	0.00007
-230.00	-90.00	0.00006	-230.00	-100.00	0.00006
-220.00	100.00	0.00011	-220.00	90.00	0.00012
-220.00	80.00	0.00012	-220.00	70.00	0.00012
-220.00	60.00	0.00013	-220.00	50.00	0.00012
-220.00	40.00	0.00012	-220.00	30.00	0.00011
-220.00	25.00	0.00011	-220.00	20.00	0.00011
-220.00	17.00	0.00010	-220.00	15.00	0.00010
-220.00	13.00	0.00010	-220.00	11.00	0.00010
-220.00	9.00	0.00010	-220.00	-9.00	0.00009
-220.00	-11.00	0.00009	-220.00	-13.00	0.00009
-220.00	-15.00	0.00009	-220.00	-17.00	0.00009
-220.00	-20.00	0.00009	-220.00	-25.00	0.00009
-220.00	-30.00	0.00009	-220.00	-40.00	0.00009

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	-50.00	0.00008	-220.00	-60.00	0.00008
-220.00	-70.00	0.00008	-220.00	-80.00	0.00007
-220.00	-90.00	0.00007	-220.00	-100.00	0.00006
-210.00	100.00	0.00012	-210.00	90.00	0.00012
-210.00	80.00	0.00013	-210.00	70.00	0.00013
-210.00	60.00	0.00014	-210.00	50.00	0.00014
-210.00	40.00	0.00013	-210.00	30.00	0.00012
-210.00	25.00	0.00012	-210.00	20.00	0.00012
-210.00	17.00	0.00011	-210.00	15.00	0.00011
-210.00	13.00	0.00011	-210.00	11.00	0.00011
-210.00	9.00	0.00011	-210.00	-9.00	0.00010
-210.00	-11.00	0.00010	-210.00	-13.00	0.00010
-210.00	-15.00	0.00010	-210.00	-17.00	0.00010
-210.00	-20.00	0.00010	-210.00	-25.00	0.00010
-210.00	-30.00	0.00010	-210.00	-40.00	0.00009
-210.00	-50.00	0.00009	-210.00	-60.00	0.00009
-210.00	-70.00	0.00008	-210.00	-80.00	0.00008
-210.00	-90.00	0.00007	-210.00	-100.00	0.00007
-200.00	100.00	0.00013	-200.00	90.00	0.00013
-200.00	80.00	0.00014	-200.00	70.00	0.00015
-200.00	60.00	0.00015	-200.00	50.00	0.00015
-200.00	40.00	0.00014	-200.00	30.00	0.00014
-200.00	25.00	0.00013	-200.00	20.00	0.00013

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

11:04:59  
 \*\*MODELOPTS:  
 PAGE 65

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00013	-200.00	15.00	0.00012
-200.00	13.00	0.00012	-200.00	11.00	0.00012
-200.00	9.00	0.00012	-200.00	-9.00	0.00011
-200.00	-11.00	0.00011	-200.00	-13.00	0.00011
-200.00	-15.00	0.00011	-200.00	-17.00	0.00011
-200.00	-20.00	0.00011	-200.00	-25.00	0.00011
-200.00	-30.00	0.00010	-200.00	-40.00	0.00010
-200.00	-50.00	0.00010	-200.00	-60.00	0.00009
-200.00	-70.00	0.00009	-200.00	-80.00	0.00008
-200.00	-90.00	0.00008	-200.00	-100.00	0.00007
-190.00	100.00	0.00014	-190.00	90.00	0.00014

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTS:  
 PAGE 66

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S3 ,

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

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 11:04:59  
 \*\*MODELOPTS:  
 PAGE 67  
 CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

10NCRA_PL97-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00018	-150.00	-25.00	0.00018
-150.00	-30.00	0.00017	-150.00	-40.00	0.00016
-150.00	-50.00	0.00015	-150.00	-60.00	0.00014
-150.00	-70.00	0.00013	-150.00	-80.00	0.00012
-150.00	-90.00	0.00011	-150.00	-100.00	0.00011
-140.00	100.00	0.00022	-140.00	90.00	0.00023
-140.00	80.00	0.00024	-140.00	70.00	0.00025
-140.00	60.00	0.00027	-140.00	50.00	0.00028
-140.00	40.00	0.00029	-140.00	30.00	0.00029
-140.00	25.00	0.00028	-140.00	20.00	0.00027
-140.00	17.00	0.00026	-140.00	15.00	0.00025
-140.00	13.00	0.00025	-140.00	11.00	0.00024
-140.00	9.00	0.00024	-140.00	-9.00	0.00021
-140.00	-11.00	0.00021	-140.00	-13.00	0.00021
-140.00	-15.00	0.00021	-140.00	-17.00	0.00020
-140.00	-20.00	0.00020	-140.00	-25.00	0.00020
-140.00	-30.00	0.00019	-140.00	-40.00	0.00018
-140.00	-50.00	0.00016	-140.00	-60.00	0.00015
-140.00	-70.00	0.00014	-140.00	-80.00	0.00013
-140.00	-90.00	0.00012	-140.00	-100.00	0.00011
-130.00	100.00	0.00024	-130.00	90.00	0.00026
-130.00	80.00	0.00027	-130.00	70.00	0.00029
-130.00	60.00	0.00030	-130.00	50.00	0.00031
-130.00	40.00	0.00033	-130.00	30.00	0.00033
-130.00	25.00	0.00032	-130.00	20.00	0.00031
-130.00	17.00	0.00030	-130.00	15.00	0.00030
-130.00	13.00	0.00029	-130.00	11.00	0.00028
-130.00	9.00	0.00028	-130.00	-9.00	0.00024
-130.00	-11.00	0.00024	-130.00	-13.00	0.00024
-130.00	-15.00	0.00023	-130.00	-17.00	0.00023
-130.00	-20.00	0.00023	-130.00	-25.00	0.00022
-130.00	-30.00	0.00022	-130.00	-40.00	0.00020
-130.00	-50.00	0.00018	-130.00	-60.00	0.00016
-130.00	-70.00	0.00015	-130.00	-80.00	0.00014
-130.00	-90.00	0.00013	-130.00	-100.00	0.00013
-120.00	100.00	0.00026	-120.00	90.00	0.00029
-120.00	80.00	0.00031	-120.00	70.00	0.00032
-120.00	60.00	0.00034	-120.00	50.00	0.00036
-120.00	40.00	0.00038	-120.00	30.00	0.00039
-120.00	25.00	0.00038	-120.00	20.00	0.00037

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00036	-120.00	15.00	0.00035
-120.00	13.00	0.00034	-120.00	11.00	0.00033
-120.00	9.00	0.00032	-120.00	-9.00	0.00028
-120.00	-11.00	0.00027	-120.00	-13.00	0.00027
-120.00	-15.00	0.00027	-120.00	-17.00	0.00027
-120.00	-20.00	0.00026	-120.00	-25.00	0.00025
-120.00	-30.00	0.00024	-120.00	-40.00	0.00022
-120.00	-50.00	0.00020	-120.00	-60.00	0.00018
-120.00	-70.00	0.00017	-120.00	-80.00	0.00016
-120.00	-90.00	0.00015	-120.00	-100.00	0.00014
-110.00	100.00	0.00028	-110.00	90.00	0.00031
-110.00	80.00	0.00034	-110.00	70.00	0.00037
-110.00	60.00	0.00039	-110.00	50.00	0.00041
-110.00	40.00	0.00043	-110.00	30.00	0.00045
-110.00	25.00	0.00045	-110.00	20.00	0.00044
-110.00	17.00	0.00043	-110.00	15.00	0.00042
-110.00	13.00	0.00041	-110.00	11.00	0.00039
-110.00	9.00	0.00038	-110.00	-9.00	0.00032
-110.00	-11.00	0.00032	-110.00	-13.00	0.00031
-110.00	-15.00	0.00031	-110.00	-17.00	0.00031
-110.00	-20.00	0.00030	-110.00	-25.00	0.00029
-110.00	-30.00	0.00027	-110.00	-40.00	0.00025
-110.00	-50.00	0.00022	-110.00	-60.00	0.00020
-110.00	-70.00	0.00019	-110.00	-80.00	0.00017
-110.00	-90.00	0.00016	-110.00	-100.00	0.00016
-100.00	100.00	0.00030	-100.00	90.00	0.00034
-100.00	80.00	0.00037	-100.00	70.00	0.00041
-100.00	60.00	0.00045	-100.00	50.00	0.00048
-100.00	40.00	0.00051	-100.00	30.00	0.00053
-100.00	25.00	0.00053	-100.00	20.00	0.00053
-100.00	17.00	0.00052	-100.00	15.00	0.00050
-100.00	13.00	0.00049	-100.00	11.00	0.00048
-100.00	9.00	0.00046	-100.00	-9.00	0.00038
-100.00	-11.00	0.00037	-100.00	-13.00	0.00037
-100.00	-15.00	0.00036	-100.00	-17.00	0.00035
-100.00	-20.00	0.00035	-100.00	-25.00	0.00033
-100.00	-30.00	0.00031	-100.00	-40.00	0.00028

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-50.00	0.00025	-100.00	-60.00	0.00023
-100.00	-70.00	0.00021	-100.00	-80.00	0.00020
-100.00	-90.00	0.00019	-100.00	-100.00	0.00018

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 69

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00031	-90.00	90.00	0.00036
-90.00	80.00	0.00040	-90.00	70.00	0.00046
-90.00	60.00	0.00051	-90.00	50.00	0.00056
-90.00	40.00	0.00060	-90.00	30.00	0.00063
-90.00	25.00	0.00064	-90.00	20.00	0.00064
-90.00	17.00	0.00063	-90.00	15.00	0.00062
-90.00	13.00	0.00061	-90.00	11.00	0.00059
-90.00	9.00	0.00057	-90.00	-9.00	0.00044
-90.00	-11.00	0.00044	-90.00	-13.00	0.00043
-90.00	-15.00	0.00042	-90.00	-17.00	0.00041
-90.00	-20.00	0.00040	-90.00	-25.00	0.00037
-90.00	-30.00	0.00035	-90.00	-40.00	0.00032
-90.00	-50.00	0.00028	-90.00	-60.00	0.00026
-90.00	-70.00	0.00024	-90.00	-80.00	0.00023
-90.00	-90.00	0.00022	-90.00	-100.00	0.00020
-80.00	100.00	0.00032	-80.00	90.00	0.00037
-80.00	80.00	0.00043	-80.00	70.00	0.00050
-80.00	60.00	0.00057	-80.00	50.00	0.00065
-80.00	40.00	0.00072	-80.00	30.00	0.00077
-80.00	25.00	0.00078	-80.00	20.00	0.00078
-80.00	17.00	0.00078	-80.00	15.00	0.00077
-80.00	13.00	0.00076	-80.00	11.00	0.00074
-80.00	9.00	0.00071	-80.00	-9.00	0.00053
-80.00	-11.00	0.00051	-80.00	-13.00	0.00050
-80.00	-15.00	0.00049	-80.00	-17.00	0.00048
-80.00	-20.00	0.00046	-80.00	-25.00	0.00043
-80.00	-30.00	0.00040	-80.00	-40.00	0.00036
-80.00	-50.00	0.00033	-80.00	-60.00	0.00031
-80.00	-70.00	0.00029	-80.00	-80.00	0.00027
-80.00	-90.00	0.00025	-80.00	-100.00	0.00023
-70.00	100.00	0.00032	-70.00	90.00	0.00038

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	80.00	0.00045	-70.00	70.00	0.00053
-70.00	60.00	0.00062	-70.00	50.00	0.00073
-70.00	40.00	0.00084	-70.00	30.00	0.00094
-70.00	25.00	0.00097	-70.00	20.00	0.00098
-70.00	17.00	0.00098	-70.00	15.00	0.00097
-70.00	13.00	0.00096	-70.00	11.00	0.00094
-70.00	9.00	0.00091	-70.00	-9.00	0.00062
-70.00	-11.00	0.00061	-70.00	-13.00	0.00059
-70.00	-15.00	0.00057	-70.00	-17.00	0.00055

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*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
-70.00	-20.00	0.00053	-70.00	-25.00	0.00050
-70.00	-30.00	0.00047	-70.00	-40.00	0.00042
-70.00	-50.00	0.00039	-70.00	-60.00	0.00037
-70.00	-70.00	0.00034	-70.00	-80.00	0.00032
-70.00	-90.00	0.00029	-70.00	-100.00	0.00027
-60.00	100.00	0.00031	-60.00	90.00	0.00038
-60.00	80.00	0.00045	-60.00	70.00	0.00054
-60.00	60.00	0.00066	-60.00	50.00	0.00079
-60.00	40.00	0.00095	-60.00	30.00	0.00112
-60.00	25.00	0.00121	-60.00	20.00	0.00126
-60.00	17.00	0.00127	-60.00	15.00	0.00127
-60.00	13.00	0.00126	-60.00	11.00	0.00124
-60.00	9.00	0.00120	-60.00	-9.00	0.00074
-60.00	-11.00	0.00071	-60.00	-13.00	0.00069
-60.00	-15.00	0.00067	-60.00	-17.00	0.00065
-60.00	-20.00	0.00062	-60.00	-25.00	0.00059
-60.00	-30.00	0.00057	-60.00	-40.00	0.00052
-60.00	-50.00	0.00048	-60.00	-60.00	0.00045
-60.00	-70.00	0.00041	-60.00	-80.00	0.00038
-60.00	-90.00	0.00034	-60.00	-100.00	0.00032
-50.00	100.00	0.00030	-50.00	90.00	0.00036
-50.00	80.00	0.00044	-50.00	70.00	0.00054
-50.00	60.00	0.00067	-50.00	50.00	0.00082
-50.00	40.00	0.00101	-50.00	30.00	0.00125
-50.00	25.00	0.00139	-50.00	20.00	0.00152



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	17.00	0.00159	-50.00	15.00	0.00163
-50.00	13.00	0.00166	-50.00	11.00	0.00168
-50.00	9.00	0.00168	-50.00	-9.00	0.00091
-50.00	-11.00	0.00088	-50.00	-13.00	0.00085
-50.00	-15.00	0.00083	-50.00	-17.00	0.00081
-50.00	-20.00	0.00079	-50.00	-25.00	0.00076
-50.00	-30.00	0.00073	-50.00	-40.00	0.00067
-50.00	-50.00	0.00061	-50.00	-60.00	0.00056
-50.00	-70.00	0.00050	-50.00	-80.00	0.00046
-50.00	-90.00	0.00041	-50.00	-100.00	0.00038
-40.00	100.00	0.00028	-40.00	90.00	0.00034
-40.00	80.00	0.00042	-40.00	70.00	0.00053
-40.00	60.00	0.00066	-40.00	50.00	0.00082
-40.00	40.00	0.00103	-40.00	30.00	0.00129
-40.00	25.00	0.00145	-40.00	20.00	0.00162

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*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
-40.00	17.00	0.00172	-40.00	15.00	0.00178
-40.00	13.00	0.00184	-40.00	11.00	0.00191
-40.00	9.00	0.00198	-40.00	-9.00	0.00189
-40.00	-11.00	0.00166	-40.00	-13.00	0.00151
-40.00	-15.00	0.00141	-40.00	-17.00	0.00133
-40.00	-20.00	0.00125	-40.00	-25.00	0.00114
-40.00	-30.00	0.00106	-40.00	-40.00	0.00093
-40.00	-50.00	0.00082	-40.00	-60.00	0.00072
-40.00	-70.00	0.00064	-40.00	-80.00	0.00057
-40.00	-90.00	0.00050	-40.00	-100.00	0.00045
-30.00	100.00	0.00026	-30.00	90.00	0.00032
-30.00	80.00	0.00039	-30.00	70.00	0.00049
-30.00	60.00	0.00063	-30.00	50.00	0.00080
-30.00	40.00	0.00101	-30.00	30.00	0.00129
-30.00	25.00	0.00146	-30.00	20.00	0.00166
-30.00	17.00	0.00177	-30.00	15.00	0.00185
-30.00	13.00	0.00194	-30.00	11.00	0.00203
-30.00	9.00	0.00214	-30.00	-9.00	0.00408
-30.00	-11.00	0.00359	-30.00	-13.00	0.00319

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-15.00	0.00286	-30.00	-17.00	0.00259
-30.00	-20.00	0.00228	-30.00	-25.00	0.00192
-30.00	-30.00	0.00168	-30.00	-40.00	0.00136
-30.00	-50.00	0.00114	-30.00	-60.00	0.00096
-30.00	-70.00	0.00082	-30.00	-80.00	0.00071
-30.00	-90.00	0.00062	-30.00	-100.00	0.00055
-20.00	100.00	0.00023	-20.00	90.00	0.00029
-20.00	80.00	0.00036	-20.00	70.00	0.00045
-20.00	60.00	0.00058	-20.00	50.00	0.00076
-20.00	40.00	0.00098	-20.00	30.00	0.00128
-20.00	25.00	0.00146	-20.00	20.00	0.00167
-20.00	17.00	0.00182	-20.00	15.00	0.00192
-20.00	13.00	0.00202	-20.00	11.00	0.00215
-20.00	9.00	0.00232	-20.00	-9.00	0.00558
-20.00	-11.00	0.00515	-20.00	-13.00	0.00476
-20.00	-15.00	0.00439	-20.00	-17.00	0.00405
-20.00	-20.00	0.00360	-20.00	-25.00	0.00299
-20.00	-30.00	0.00253	-20.00	-40.00	0.00192
-20.00	-50.00	0.00153	-20.00	-60.00	0.00125
-20.00	-70.00	0.00105	-20.00	-80.00	0.00089
-20.00	-90.00	0.00076	-20.00	-100.00	0.00066

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*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
-10.00	100.00	0.00021	-10.00	90.00	0.00026
-10.00	80.00	0.00032	-10.00	70.00	0.00040
-10.00	60.00	0.00053	-10.00	50.00	0.00070
-10.00	40.00	0.00093	-10.00	30.00	0.00124
-10.00	25.00	0.00143	-10.00	20.00	0.00166
-10.00	17.00	0.00182	-10.00	15.00	0.00194
-10.00	13.00	0.00208	-10.00	11.00	0.00224
-10.00	9.00	0.00246	-10.00	-9.00	0.00649
-10.00	-11.00	0.00612	-10.00	-13.00	0.00577
-10.00	-15.00	0.00545	-10.00	-17.00	0.00513
-10.00	-20.00	0.00468	-10.00	-25.00	0.00401
-10.00	-30.00	0.00343	-10.00	-40.00	0.00257
-10.00	-50.00	0.00199	-10.00	-60.00	0.00159

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-70.00	0.00129	-10.00	-80.00	0.00108
-10.00	-90.00	0.00091	-10.00	-100.00	0.00077
0.00	100.00	0.00018	0.00	90.00	0.00023
0.00	80.00	0.00028	0.00	70.00	0.00035
0.00	60.00	0.00046	0.00	50.00	0.00062
0.00	40.00	0.00085	0.00	30.00	0.00117
0.00	25.00	0.00138	0.00	20.00	0.00162
0.00	17.00	0.00179	0.00	15.00	0.00193
0.00	13.00	0.00209	0.00	11.00	0.00229
0.00	9.00	0.00253	0.00	-9.00	0.00706
0.00	-11.00	0.00673	0.00	-13.00	0.00642
0.00	-15.00	0.00612	0.00	-17.00	0.00584
0.00	-20.00	0.00543	0.00	-25.00	0.00478
0.00	-30.00	0.00419	0.00	-40.00	0.00319
0.00	-50.00	0.00246	0.00	-60.00	0.00194
0.00	-70.00	0.00156	0.00	-80.00	0.00128
0.00	-90.00	0.00106	0.00	-100.00	0.00090
10.00	100.00	0.00016	10.00	90.00	0.00020
10.00	80.00	0.00024	10.00	70.00	0.00031
10.00	60.00	0.00040	10.00	50.00	0.00053
10.00	40.00	0.00074	10.00	30.00	0.00106
10.00	25.00	0.00127	10.00	20.00	0.00153
10.00	17.00	0.00172	10.00	15.00	0.00187
10.00	13.00	0.00205	10.00	11.00	0.00226
10.00	9.00	0.00254	10.00	-9.00	0.00743
10.00	-11.00	0.00711	10.00	-13.00	0.00684
10.00	-15.00	0.00657	10.00	-17.00	0.00630

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

11:04:59  
 \*\*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
10.00	-20.00	0.00592	10.00	-25.00	0.00532
10.00	-30.00	0.00474	10.00	-40.00	0.00372
10.00	-50.00	0.00290	10.00	-60.00	0.00229
10.00	-70.00	0.00183	10.00	-80.00	0.00148
10.00	-90.00	0.00122	10.00	-100.00	0.00102
20.00	100.00	0.00014	20.00	90.00	0.00017
20.00	80.00	0.00021	20.00	70.00	0.00026

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	60.00	0.00034	20.00	50.00	0.00044
20.00	40.00	0.00061	20.00	30.00	0.00089
20.00	25.00	0.00110	20.00	20.00	0.00138
20.00	17.00	0.00158	20.00	15.00	0.00174
20.00	13.00	0.00193	20.00	11.00	0.00216
20.00	9.00	0.00245	20.00	-9.00	0.00765
20.00	-11.00	0.00735	20.00	-13.00	0.00710
20.00	-15.00	0.00686	20.00	-17.00	0.00661
20.00	-20.00	0.00625	20.00	-25.00	0.00567
20.00	-30.00	0.00513	20.00	-40.00	0.00412
20.00	-50.00	0.00327	20.00	-60.00	0.00259
20.00	-70.00	0.00207	20.00	-80.00	0.00168
20.00	-90.00	0.00138	20.00	-100.00	0.00115
30.00	100.00	0.00013	30.00	90.00	0.00015
30.00	80.00	0.00018	30.00	70.00	0.00022
30.00	60.00	0.00028	30.00	50.00	0.00037
30.00	40.00	0.00050	30.00	30.00	0.00071
30.00	25.00	0.00088	30.00	20.00	0.00113
30.00	17.00	0.00133	30.00	15.00	0.00150
30.00	13.00	0.00170	30.00	11.00	0.00194
30.00	9.00	0.00224	30.00	-9.00	0.00777
30.00	-11.00	0.00748	30.00	-13.00	0.00724
30.00	-15.00	0.00702	30.00	-17.00	0.00679
30.00	-20.00	0.00645	30.00	-25.00	0.00589
30.00	-30.00	0.00535	30.00	-40.00	0.00438
30.00	-50.00	0.00353	30.00	-60.00	0.00284
30.00	-70.00	0.00229	30.00	-80.00	0.00186
30.00	-90.00	0.00153	30.00	-100.00	0.00127
40.00	100.00	0.00012	40.00	90.00	0.00014
40.00	80.00	0.00016	40.00	70.00	0.00020
40.00	60.00	0.00025	40.00	50.00	0.00031
40.00	40.00	0.00041	40.00	30.00	0.00057
40.00	25.00	0.00070	40.00	20.00	0.00089

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

11:04:59  
 \*\*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
40.00	17.00	0.00104	40.00	15.00	0.00117

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	13.00	0.00134	40.00	11.00	0.00155
40.00	9.00	0.00183	40.00	-9.00	0.00777
40.00	-11.00	0.00751	40.00	-13.00	0.00725
40.00	-15.00	0.00704	40.00	-17.00	0.00683
40.00	-20.00	0.00650	40.00	-25.00	0.00595
40.00	-30.00	0.00544	40.00	-40.00	0.00450
40.00	-50.00	0.00369	40.00	-60.00	0.00300
40.00	-70.00	0.00244	40.00	-80.00	0.00200
40.00	-90.00	0.00165	40.00	-100.00	0.00138
50.00	100.00	0.00011	50.00	90.00	0.00013
50.00	80.00	0.00015	50.00	70.00	0.00018
50.00	60.00	0.00022	50.00	50.00	0.00028
50.00	40.00	0.00037	50.00	30.00	0.00051
50.00	25.00	0.00062	50.00	20.00	0.00079
50.00	17.00	0.00092	50.00	15.00	0.00104
50.00	13.00	0.00118	50.00	11.00	0.00135
50.00	9.00	0.00158	50.00	-9.00	0.00685
50.00	-11.00	0.00686	50.00	-13.00	0.00675
50.00	-15.00	0.00660	50.00	-17.00	0.00646
50.00	-20.00	0.00620	50.00	-25.00	0.00575
50.00	-30.00	0.00529	50.00	-40.00	0.00445
50.00	-50.00	0.00370	50.00	-60.00	0.00306
50.00	-70.00	0.00253	50.00	-80.00	0.00209
50.00	-90.00	0.00174	50.00	-100.00	0.00145
60.00	100.00	0.00010	60.00	90.00	0.00012
60.00	80.00	0.00014	60.00	70.00	0.00017
60.00	60.00	0.00021	60.00	50.00	0.00026
60.00	40.00	0.00034	60.00	30.00	0.00047
60.00	25.00	0.00058	60.00	20.00	0.00073
60.00	17.00	0.00085	60.00	15.00	0.00095
60.00	13.00	0.00108	60.00	11.00	0.00123
60.00	9.00	0.00142	60.00	-9.00	0.00469
60.00	-11.00	0.00495	60.00	-13.00	0.00514
60.00	-15.00	0.00526	60.00	-17.00	0.00531
60.00	-20.00	0.00529	60.00	-25.00	0.00511
60.00	-30.00	0.00481	60.00	-40.00	0.00418
60.00	-50.00	0.00356	60.00	-60.00	0.00301
60.00	-70.00	0.00253	60.00	-80.00	0.00212
60.00	-90.00	0.00178	60.00	-100.00	0.00150

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*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	
70.00	100.00	0.00010	70.00	90.00	0.00011	
70.00	80.00	0.00013	70.00	70.00	0.00016	
70.00	60.00	0.00020	70.00	50.00	0.00024	
70.00	40.00	0.00032	70.00	30.00	0.00044	
70.00	25.00	0.00053	70.00	20.00	0.00066	
70.00	17.00	0.00077	70.00	15.00	0.00086	
70.00	13.00	0.00097	70.00	11.00	0.00109	
70.00	9.00	0.00123	70.00	-9.00	0.00323	
70.00	-11.00	0.00344	70.00	-13.00	0.00362	
70.00	-15.00	0.00377	70.00	-17.00	0.00390	
70.00	-20.00	0.00403	70.00	-25.00	0.00412	
70.00	-30.00	0.00407	70.00	-40.00	0.00374	
70.00	-50.00	0.00330	70.00	-60.00	0.00286	
70.00	-70.00	0.00245	70.00	-80.00	0.00209	
70.00	-90.00	0.00178	70.00	-100.00	0.00152	
80.00	100.00	0.00009	80.00	90.00	0.00011	
80.00	80.00	0.00013	80.00	70.00	0.00015	
80.00	60.00	0.00018	80.00	50.00	0.00023	
80.00	40.00	0.00029	80.00	30.00	0.00040	
80.00	25.00	0.00049	80.00	20.00	0.00060	
80.00	17.00	0.00069	80.00	15.00	0.00077	
80.00	13.00	0.00085	80.00	11.00	0.00094	
80.00	9.00	0.00104	80.00	-9.00	0.00234	
80.00	-11.00	0.00249	80.00	-13.00	0.00262	
80.00	-15.00	0.00274	80.00	-17.00	0.00285	
80.00	-20.00	0.00299	80.00	-25.00	0.00316	
80.00	-30.00	0.00324	80.00	-40.00	0.00318	
80.00	-50.00	0.00294	80.00	-60.00	0.00264	
80.00	-70.00	0.00232	80.00	-80.00	0.00202	
80.00	-90.00	0.00175	80.00	-100.00	0.00151	
90.00	100.00	0.00009	90.00	90.00	0.00010	
90.00	80.00	0.00012	90.00	70.00	0.00014	
90.00	60.00	0.00017	90.00	50.00	0.00021	
90.00	40.00	0.00027	90.00	30.00	0.00037	
90.00	25.00	0.00044	90.00	20.00	0.00055	
90.00	17.00	0.00062	90.00	15.00	0.00068	
90.00	13.00	0.00074	90.00	11.00	0.00081	
90.00	9.00	0.00088	90.00	-9.00	0.00176	
90.00	-11.00	0.00187	90.00	-13.00	0.00197	

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00 -15.00 0.00206 90.00 -17.00 0.00215

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

11:04:59

\*\*MODELOPTs:  
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00226	90.00	-25.00	0.00241
90.00	-30.00	0.00253	90.00	-40.00	0.00262
90.00	-50.00	0.00254	90.00	-60.00	0.00236
90.00	-70.00	0.00214	90.00	-80.00	0.00191
90.00	-90.00	0.00168	90.00	-100.00	0.00148
100.00	100.00	0.00009	100.00	90.00	0.00010
100.00	80.00	0.00011	100.00	70.00	0.00013
100.00	60.00	0.00016	100.00	50.00	0.00020
100.00	40.00	0.00025	100.00	30.00	0.00034
100.00	25.00	0.00041	100.00	20.00	0.00049
100.00	17.00	0.00055	100.00	15.00	0.00060
100.00	13.00	0.00065	100.00	11.00	0.00070
100.00	9.00	0.00075	100.00	-9.00	0.00137
100.00	-11.00	0.00145	100.00	-13.00	0.00153
100.00	-15.00	0.00160	100.00	-17.00	0.00167
100.00	-20.00	0.00176	100.00	-25.00	0.00188
100.00	-30.00	0.00198	100.00	-40.00	0.00211
100.00	-50.00	0.00214	100.00	-60.00	0.00206
100.00	-70.00	0.00193	100.00	-80.00	0.00176
100.00	-90.00	0.00159	100.00	-100.00	0.00142
110.00	100.00	0.00008	110.00	90.00	0.00009
110.00	80.00	0.00011	110.00	70.00	0.00012
110.00	60.00	0.00015	110.00	50.00	0.00018
110.00	40.00	0.00023	110.00	30.00	0.00032
110.00	25.00	0.00037	110.00	20.00	0.00044
110.00	17.00	0.00049	110.00	15.00	0.00053
110.00	13.00	0.00056	110.00	11.00	0.00060
110.00	9.00	0.00064	110.00	-9.00	0.00110
110.00	-11.00	0.00116	110.00	-13.00	0.00121
110.00	-15.00	0.00127	110.00	-17.00	0.00132
110.00	-20.00	0.00140	110.00	-25.00	0.00150
110.00	-30.00	0.00159	110.00	-40.00	0.00171
110.00	-50.00	0.00178	110.00	-60.00	0.00177

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-70.00	0.00171	110.00	-80.00	0.00160
110.00	-90.00	0.00148	110.00	-100.00	0.00134
120.00	100.00	0.00008	120.00	90.00	0.00009
120.00	80.00	0.00010	120.00	70.00	0.00012
120.00	60.00	0.00014	120.00	50.00	0.00017
120.00	40.00	0.00022	120.00	30.00	0.00029
120.00	25.00	0.00034	120.00	20.00	0.00040

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*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
120.00	17.00	0.00044	120.00	15.00	0.00046
120.00	13.00	0.00049	120.00	11.00	0.00052
120.00	9.00	0.00055	120.00	-9.00	0.00090
120.00	-11.00	0.00094	120.00	-13.00	0.00099
120.00	-15.00	0.00103	120.00	-17.00	0.00107
120.00	-20.00	0.00113	120.00	-25.00	0.00122
120.00	-30.00	0.00130	120.00	-40.00	0.00141
120.00	-50.00	0.00148	120.00	-60.00	0.00151
120.00	-70.00	0.00149	120.00	-80.00	0.00144
120.00	-90.00	0.00135	120.00	-100.00	0.00125
130.00	100.00	0.00007	130.00	90.00	0.00008
130.00	80.00	0.00009	130.00	70.00	0.00011
130.00	60.00	0.00013	130.00	50.00	0.00016
130.00	40.00	0.00020	130.00	30.00	0.00027
130.00	25.00	0.00031	130.00	20.00	0.00036
130.00	17.00	0.00039	130.00	15.00	0.00041
130.00	13.00	0.00043	130.00	11.00	0.00046
130.00	9.00	0.00048	130.00	-9.00	0.00075
130.00	-11.00	0.00078	130.00	-13.00	0.00082
130.00	-15.00	0.00085	130.00	-17.00	0.00089
130.00	-20.00	0.00094	130.00	-25.00	0.00101
130.00	-30.00	0.00107	130.00	-40.00	0.00117
130.00	-50.00	0.00124	130.00	-60.00	0.00128
130.00	-70.00	0.00130	130.00	-80.00	0.00127
130.00	-90.00	0.00122	130.00	-100.00	0.00116
140.00	100.00	0.00007	140.00	90.00	0.00008
140.00	80.00	0.00009	140.00	70.00	0.00010



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	60.00	0.00012	140.00	50.00	0.00015
140.00	40.00	0.00019	140.00	30.00	0.00025
140.00	25.00	0.00028	140.00	20.00	0.00032
140.00	17.00	0.00035	140.00	15.00	0.00037
140.00	13.00	0.00038	140.00	11.00	0.00040
140.00	9.00	0.00042	140.00	-9.00	0.00063
140.00	-11.00	0.00066	140.00	-13.00	0.00069
140.00	-15.00	0.00072	140.00	-17.00	0.00074
140.00	-20.00	0.00079	140.00	-25.00	0.00085
140.00	-30.00	0.00090	140.00	-40.00	0.00099
140.00	-50.00	0.00105	140.00	-60.00	0.00109
140.00	-70.00	0.00112	140.00	-80.00	0.00112
140.00	-90.00	0.00110	140.00	-100.00	0.00106

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00007	150.00	90.00	0.00007
150.00	80.00	0.00008	150.00	70.00	0.00010
150.00	60.00	0.00012	150.00	50.00	0.00014
150.00	40.00	0.00018	150.00	30.00	0.00023
150.00	25.00	0.00026	150.00	20.00	0.00029
150.00	17.00	0.00031	150.00	15.00	0.00033
150.00	13.00	0.00034	150.00	11.00	0.00036
150.00	9.00	0.00037	150.00	-9.00	0.00054
150.00	-11.00	0.00057	150.00	-13.00	0.00059
150.00	-15.00	0.00061	150.00	-17.00	0.00063
150.00	-20.00	0.00067	150.00	-25.00	0.00072
150.00	-30.00	0.00077	150.00	-40.00	0.00084
150.00	-50.00	0.00090	150.00	-60.00	0.00094
150.00	-70.00	0.00097	150.00	-80.00	0.00098
150.00	-90.00	0.00098	150.00	-100.00	0.00096
160.00	100.00	0.00006	160.00	90.00	0.00007
160.00	80.00	0.00008	160.00	70.00	0.00009
160.00	60.00	0.00011	160.00	50.00	0.00014
160.00	40.00	0.00017	160.00	30.00	0.00021
160.00	25.00	0.00024	160.00	20.00	0.00027
160.00	17.00	0.00028	160.00	15.00	0.00029

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	13.00	0.00031	160.00	11.00	0.00032
160.00	9.00	0.00033	160.00	-9.00	0.00047
160.00	-11.00	0.00049	160.00	-13.00	0.00051
160.00	-15.00	0.00053	160.00	-17.00	0.00055
160.00	-20.00	0.00057	160.00	-25.00	0.00062
160.00	-30.00	0.00066	160.00	-40.00	0.00072
160.00	-50.00	0.00077	160.00	-60.00	0.00081
160.00	-70.00	0.00084	160.00	-80.00	0.00086
160.00	-90.00	0.00087	160.00	-100.00	0.00086
170.00	100.00	0.00006	170.00	90.00	0.00007
170.00	80.00	0.00008	170.00	70.00	0.00009
170.00	60.00	0.00011	170.00	50.00	0.00013
170.00	40.00	0.00016	170.00	30.00	0.00020
170.00	25.00	0.00022	170.00	20.00	0.00024
170.00	17.00	0.00026	170.00	15.00	0.00027
170.00	13.00	0.00028	170.00	11.00	0.00029
170.00	9.00	0.00030	170.00	-9.00	0.00041
170.00	-11.00	0.00043	170.00	-13.00	0.00044
170.00	-15.00	0.00046	170.00	-17.00	0.00047

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

11:04:59

\*\*MODELOPTs:

PAGE 79

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00050	170.00	-25.00	0.00054
170.00	-30.00	0.00057	170.00	-40.00	0.00063
170.00	-50.00	0.00067	170.00	-60.00	0.00071
170.00	-70.00	0.00074	170.00	-80.00	0.00076
170.00	-90.00	0.00077	170.00	-100.00	0.00077
180.00	100.00	0.00006	180.00	90.00	0.00006
180.00	80.00	0.00007	180.00	70.00	0.00008
180.00	60.00	0.00010	180.00	50.00	0.00012
180.00	40.00	0.00015	180.00	30.00	0.00018
180.00	25.00	0.00020	180.00	20.00	0.00022
180.00	17.00	0.00023	180.00	15.00	0.00024
180.00	13.00	0.00025	180.00	11.00	0.00026
180.00	9.00	0.00027	180.00	-9.00	0.00037
180.00	-11.00	0.00038	180.00	-13.00	0.00039
180.00	-15.00	0.00040	180.00	-17.00	0.00042

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-20.00	0.00044	180.00	-25.00	0.00047
180.00	-30.00	0.00050	180.00	-40.00	0.00055
180.00	-50.00	0.00059	180.00	-60.00	0.00062
180.00	-70.00	0.00065	180.00	-80.00	0.00067
180.00	-90.00	0.00068	180.00	-100.00	0.00069
190.00	100.00	0.00005	190.00	90.00	0.00006
190.00	80.00	0.00007	190.00	70.00	0.00008
190.00	60.00	0.00010	190.00	50.00	0.00012
190.00	40.00	0.00014	190.00	30.00	0.00017
190.00	25.00	0.00019	190.00	20.00	0.00020
190.00	17.00	0.00021	190.00	15.00	0.00022
190.00	13.00	0.00023	190.00	11.00	0.00024
190.00	9.00	0.00024	190.00	-9.00	0.00033
190.00	-11.00	0.00034	190.00	-13.00	0.00035
190.00	-15.00	0.00036	190.00	-17.00	0.00037
190.00	-20.00	0.00038	190.00	-25.00	0.00041
190.00	-30.00	0.00044	190.00	-40.00	0.00049
190.00	-50.00	0.00052	190.00	-60.00	0.00055
190.00	-70.00	0.00057	190.00	-80.00	0.00059
190.00	-90.00	0.00061	190.00	-100.00	0.00062
200.00	100.00	0.00005	200.00	90.00	0.00006
200.00	80.00	0.00007	200.00	70.00	0.00008
200.00	60.00	0.00009	200.00	50.00	0.00011
200.00	40.00	0.00013	200.00	30.00	0.00016
200.00	25.00	0.00017	200.00	20.00	0.00019

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 80

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00020	200.00	15.00	0.00020
200.00	13.00	0.00021	200.00	11.00	0.00021
200.00	9.00	0.00022	200.00	-9.00	0.00029
200.00	-11.00	0.00030	200.00	-13.00	0.00031
200.00	-15.00	0.00032	200.00	-17.00	0.00033
200.00	-20.00	0.00034	200.00	-25.00	0.00037
200.00	-30.00	0.00039	200.00	-40.00	0.00043
200.00	-50.00	0.00047	200.00	-60.00	0.00049
200.00	-70.00	0.00051	200.00	-80.00	0.00053

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-90.00	0.00055	200.00	-100.00	0.00056
210.00	100.00	0.00005	210.00	90.00	0.00006
210.00	80.00	0.00006	210.00	70.00	0.00008
210.00	60.00	0.00009	210.00	50.00	0.00011
210.00	40.00	0.00012	210.00	30.00	0.00015
210.00	25.00	0.00016	210.00	20.00	0.00017
210.00	17.00	0.00018	210.00	15.00	0.00019
210.00	13.00	0.00019	210.00	11.00	0.00020
210.00	9.00	0.00020	210.00	-9.00	0.00026
210.00	-11.00	0.00027	210.00	-13.00	0.00028
210.00	-15.00	0.00029	210.00	-17.00	0.00029
210.00	-20.00	0.00031	210.00	-25.00	0.00033
210.00	-30.00	0.00035	210.00	-40.00	0.00039
210.00	-50.00	0.00042	210.00	-60.00	0.00044
210.00	-70.00	0.00046	210.00	-80.00	0.00048
210.00	-90.00	0.00049	210.00	-100.00	0.00050
220.00	100.00	0.00005	220.00	90.00	0.00005
220.00	80.00	0.00006	220.00	70.00	0.00007
220.00	60.00	0.00008	220.00	50.00	0.00010
220.00	40.00	0.00012	220.00	30.00	0.00014
220.00	25.00	0.00015	220.00	20.00	0.00016
220.00	17.00	0.00017	220.00	15.00	0.00017
220.00	13.00	0.00018	220.00	11.00	0.00018
220.00	9.00	0.00019	220.00	-9.00	0.00024
220.00	-11.00	0.00024	220.00	-13.00	0.00025
220.00	-15.00	0.00026	220.00	-17.00	0.00027
220.00	-20.00	0.00028	220.00	-25.00	0.00029
220.00	-30.00	0.00031	220.00	-40.00	0.00035
220.00	-50.00	0.00037	220.00	-60.00	0.00040
220.00	-70.00	0.00041	220.00	-80.00	0.00043
220.00	-90.00	0.00044	220.00	-100.00	0.00045

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

11:04:59

\*\*MODELOPTs:

PAGE 81

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00005	230.00	90.00	0.00005
230.00	80.00	0.00006	230.00	70.00	0.00007
230.00	60.00	0.00008	230.00	50.00	0.00010

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	40.00	0.00011	230.00	30.00	0.00013
230.00	25.00	0.00014	230.00	20.00	0.00015
230.00	17.00	0.00015	230.00	15.00	0.00016
230.00	13.00	0.00016	230.00	11.00	0.00017
230.00	9.00	0.00017	230.00	-9.00	0.00022
230.00	-11.00	0.00022	230.00	-13.00	0.00023
230.00	-15.00	0.00023	230.00	-17.00	0.00024
230.00	-20.00	0.00025	230.00	-25.00	0.00027
230.00	-30.00	0.00028	230.00	-40.00	0.00031
230.00	-50.00	0.00034	230.00	-60.00	0.00036
230.00	-70.00	0.00038	230.00	-80.00	0.00039
230.00	-90.00	0.00040	230.00	-100.00	0.00041
240.00	100.00	0.00004	240.00	90.00	0.00005
240.00	80.00	0.00006	240.00	70.00	0.00007
240.00	60.00	0.00008	240.00	50.00	0.00009
240.00	40.00	0.00010	240.00	30.00	0.00012
240.00	25.00	0.00013	240.00	20.00	0.00014
240.00	17.00	0.00014	240.00	15.00	0.00015
240.00	13.00	0.00015	240.00	11.00	0.00015
240.00	9.00	0.00016	240.00	-9.00	0.00020
240.00	-11.00	0.00020	240.00	-13.00	0.00021
240.00	-15.00	0.00021	240.00	-17.00	0.00022
240.00	-20.00	0.00023	240.00	-25.00	0.00024
240.00	-30.00	0.00026	240.00	-40.00	0.00028
240.00	-50.00	0.00031	240.00	-60.00	0.00033
240.00	-70.00	0.00034	240.00	-80.00	0.00035
240.00	-90.00	0.00036	240.00	-100.00	0.00037
250.00	100.00	0.00004	250.00	90.00	0.00005
250.00	80.00	0.00006	250.00	70.00	0.00006
250.00	60.00	0.00007	250.00	50.00	0.00009
250.00	40.00	0.00010	250.00	30.00	0.00011
250.00	25.00	0.00012	250.00	20.00	0.00013
250.00	17.00	0.00013	250.00	15.00	0.00014
250.00	13.00	0.00014	250.00	11.00	0.00014
250.00	9.00	0.00015	250.00	-9.00	0.00018
250.00	-11.00	0.00019	250.00	-13.00	0.00019
250.00	-15.00	0.00020	250.00	-17.00	0.00020

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

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



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-30.00	0.00017	-240.00	-40.00	0.00016
-240.00	-50.00	0.00015	-240.00	-60.00	0.00014
-240.00	-70.00	0.00013	-240.00	-80.00	0.00012
-240.00	-90.00	0.00011	-240.00	-100.00	0.00011
-230.00	100.00	0.00022	-230.00	90.00	0.00023
-230.00	80.00	0.00024	-230.00	70.00	0.00025
-230.00	60.00	0.00027	-230.00	50.00	0.00028
-230.00	40.00	0.00029	-230.00	30.00	0.00029
-230.00	25.00	0.00028	-230.00	20.00	0.00027
-230.00	17.00	0.00026	-230.00	15.00	0.00025
-230.00	13.00	0.00025	-230.00	11.00	0.00024
-230.00	9.00	0.00024	-230.00	-9.00	0.00021
-230.00	-11.00	0.00021	-230.00	-13.00	0.00021
-230.00	-15.00	0.00021	-230.00	-17.00	0.00020

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00020	-230.00	-25.00	0.00020
-230.00	-30.00	0.00019	-230.00	-40.00	0.00018
-230.00	-50.00	0.00016	-230.00	-60.00	0.00015
-230.00	-70.00	0.00014	-230.00	-80.00	0.00013
-230.00	-90.00	0.00012	-230.00	-100.00	0.00011
-220.00	100.00	0.00024	-220.00	90.00	0.00026
-220.00	80.00	0.00027	-220.00	70.00	0.00029
-220.00	60.00	0.00030	-220.00	50.00	0.00031
-220.00	40.00	0.00033	-220.00	30.00	0.00033
-220.00	25.00	0.00032	-220.00	20.00	0.00031
-220.00	17.00	0.00030	-220.00	15.00	0.00030
-220.00	13.00	0.00029	-220.00	11.00	0.00028
-220.00	9.00	0.00028	-220.00	-9.00	0.00024
-220.00	-11.00	0.00024	-220.00	-13.00	0.00024
-220.00	-15.00	0.00023	-220.00	-17.00	0.00023
-220.00	-20.00	0.00023	-220.00	-25.00	0.00022
-220.00	-30.00	0.00022	-220.00	-40.00	0.00020
-220.00	-50.00	0.00018	-220.00	-60.00	0.00016
-220.00	-70.00	0.00015	-220.00	-80.00	0.00014
-220.00	-90.00	0.00013	-220.00	-100.00	0.00013

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	100.00	0.00026	-210.00	90.00	0.00029
-210.00	80.00	0.00031	-210.00	70.00	0.00032
-210.00	60.00	0.00034	-210.00	50.00	0.00036
-210.00	40.00	0.00038	-210.00	30.00	0.00039
-210.00	25.00	0.00038	-210.00	20.00	0.00037
-210.00	17.00	0.00036	-210.00	15.00	0.00035
-210.00	13.00	0.00034	-210.00	11.00	0.00033
-210.00	9.00	0.00032	-210.00	-9.00	0.00028
-210.00	-11.00	0.00027	-210.00	-13.00	0.00027
-210.00	-15.00	0.00027	-210.00	-17.00	0.00027
-210.00	-20.00	0.00026	-210.00	-25.00	0.00025
-210.00	-30.00	0.00024	-210.00	-40.00	0.00022
-210.00	-50.00	0.00020	-210.00	-60.00	0.00018
-210.00	-70.00	0.00017	-210.00	-80.00	0.00016
-210.00	-90.00	0.00015	-210.00	-100.00	0.00014
-200.00	100.00	0.00028	-200.00	90.00	0.00031
-200.00	80.00	0.00034	-200.00	70.00	0.00037
-200.00	60.00	0.00039	-200.00	50.00	0.00041
-200.00	40.00	0.00043	-200.00	30.00	0.00045
-200.00	25.00	0.00045	-200.00	20.00	0.00044

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

11:04:59  
 \*\*MODELOPTS:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00043	-200.00	15.00	0.00042
-200.00	13.00	0.00041	-200.00	11.00	0.00039
-200.00	9.00	0.00038	-200.00	-9.00	0.00032
-200.00	-11.00	0.00032	-200.00	-13.00	0.00031
-200.00	-15.00	0.00031	-200.00	-17.00	0.00031
-200.00	-20.00	0.00030	-200.00	-25.00	0.00029
-200.00	-30.00	0.00027	-200.00	-40.00	0.00025
-200.00	-50.00	0.00022	-200.00	-60.00	0.00020
-200.00	-70.00	0.00019	-200.00	-80.00	0.00017
-200.00	-90.00	0.00016	-200.00	-100.00	0.00016
-190.00	100.00	0.00030	-190.00	90.00	0.00034
-190.00	80.00	0.00037	-190.00	70.00	0.00041
-190.00	60.00	0.00045	-190.00	50.00	0.00048
-190.00	40.00	0.00051	-190.00	30.00	0.00053



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	25.00	0.00053	-190.00	20.00	0.00053
-190.00	17.00	0.00052	-190.00	15.00	0.00050
-190.00	13.00	0.00049	-190.00	11.00	0.00048
-190.00	9.00	0.00046	-190.00	-9.00	0.00038
-190.00	-11.00	0.00037	-190.00	-13.00	0.00037
-190.00	-15.00	0.00036	-190.00	-17.00	0.00035
-190.00	-20.00	0.00035	-190.00	-25.00	0.00033
-190.00	-30.00	0.00031	-190.00	-40.00	0.00028
-190.00	-50.00	0.00025	-190.00	-60.00	0.00023
-190.00	-70.00	0.00021	-190.00	-80.00	0.00020
-190.00	-90.00	0.00019	-190.00	-100.00	0.00018
-180.00	100.00	0.00031	-180.00	90.00	0.00036
-180.00	80.00	0.00040	-180.00	70.00	0.00046
-180.00	60.00	0.00051	-180.00	50.00	0.00056
-180.00	40.00	0.00060	-180.00	30.00	0.00063
-180.00	25.00	0.00064	-180.00	20.00	0.00064
-180.00	17.00	0.00063	-180.00	15.00	0.00062
-180.00	13.00	0.00061	-180.00	11.00	0.00059
-180.00	9.00	0.00057	-180.00	-9.00	0.00044
-180.00	-11.00	0.00044	-180.00	-13.00	0.00043
-180.00	-15.00	0.00042	-180.00	-17.00	0.00041
-180.00	-20.00	0.00040	-180.00	-25.00	0.00037
-180.00	-30.00	0.00035	-180.00	-40.00	0.00032
-180.00	-50.00	0.00028	-180.00	-60.00	0.00026
-180.00	-70.00	0.00024	-180.00	-80.00	0.00023
-180.00	-90.00	0.00022	-180.00	-100.00	0.00020

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

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
\*\*MODELOPTS:  
PAGE 86

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00032	-170.00	90.00	0.00037
-170.00	80.00	0.00043	-170.00	70.00	0.00050
-170.00	60.00	0.00057	-170.00	50.00	0.00065
-170.00	40.00	0.00072	-170.00	30.00	0.00077
-170.00	25.00	0.00078	-170.00	20.00	0.00078
-170.00	17.00	0.00078	-170.00	15.00	0.00077
-170.00	13.00	0.00076	-170.00	11.00	0.00074
-170.00	9.00	0.00071	-170.00	-9.00	0.00053

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-11.00	0.00051	-170.00	-13.00	0.00050
-170.00	-15.00	0.00049	-170.00	-17.00	0.00048
-170.00	-20.00	0.00046	-170.00	-25.00	0.00043
-170.00	-30.00	0.00040	-170.00	-40.00	0.00036
-170.00	-50.00	0.00033	-170.00	-60.00	0.00031
-170.00	-70.00	0.00029	-170.00	-80.00	0.00027
-170.00	-90.00	0.00025	-170.00	-100.00	0.00023
-160.00	100.00	0.00032	-160.00	90.00	0.00038
-160.00	80.00	0.00045	-160.00	70.00	0.00053
-160.00	60.00	0.00062	-160.00	50.00	0.00073
-160.00	40.00	0.00084	-160.00	30.00	0.00094
-160.00	25.00	0.00097	-160.00	20.00	0.00098
-160.00	17.00	0.00098	-160.00	15.00	0.00097
-160.00	13.00	0.00096	-160.00	11.00	0.00094
-160.00	9.00	0.00091	-160.00	-9.00	0.00062
-160.00	-11.00	0.00061	-160.00	-13.00	0.00059
-160.00	-15.00	0.00057	-160.00	-17.00	0.00055
-160.00	-20.00	0.00053	-160.00	-25.00	0.00050
-160.00	-30.00	0.00047	-160.00	-40.00	0.00042
-160.00	-50.00	0.00039	-160.00	-60.00	0.00037
-160.00	-70.00	0.00034	-160.00	-80.00	0.00032
-160.00	-90.00	0.00029	-160.00	-100.00	0.00027
-150.00	100.00	0.00031	-150.00	90.00	0.00038
-150.00	80.00	0.00045	-150.00	70.00	0.00054
-150.00	60.00	0.00066	-150.00	50.00	0.00079
-150.00	40.00	0.00095	-150.00	30.00	0.00112
-150.00	25.00	0.00121	-150.00	20.00	0.00126
-150.00	17.00	0.00127	-150.00	15.00	0.00127
-150.00	13.00	0.00126	-150.00	11.00	0.00124
-150.00	9.00	0.00120	-150.00	-9.00	0.00074
-150.00	-11.00	0.00071	-150.00	-13.00	0.00069
-150.00	-15.00	0.00067	-150.00	-17.00	0.00065

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

11:04:59  
 \*\*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
-150.00	-20.00	0.00062	-150.00	-25.00	0.00059
-150.00	-30.00	0.00057	-150.00	-40.00	0.00052

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-50.00	0.00048	-150.00	-60.00	0.00045
-150.00	-70.00	0.00041	-150.00	-80.00	0.00038
-150.00	-90.00	0.00034	-150.00	-100.00	0.00032
-140.00	100.00	0.00030	-140.00	90.00	0.00036
-140.00	80.00	0.00044	-140.00	70.00	0.00054
-140.00	60.00	0.00067	-140.00	50.00	0.00082
-140.00	40.00	0.00101	-140.00	30.00	0.00125
-140.00	25.00	0.00139	-140.00	20.00	0.00152
-140.00	17.00	0.00159	-140.00	15.00	0.00163
-140.00	13.00	0.00166	-140.00	11.00	0.00168
-140.00	9.00	0.00168	-140.00	-9.00	0.00091
-140.00	-11.00	0.00088	-140.00	-13.00	0.00085
-140.00	-15.00	0.00083	-140.00	-17.00	0.00081
-140.00	-20.00	0.00079	-140.00	-25.00	0.00076
-140.00	-30.00	0.00073	-140.00	-40.00	0.00067
-140.00	-50.00	0.00061	-140.00	-60.00	0.00056
-140.00	-70.00	0.00050	-140.00	-80.00	0.00046
-140.00	-90.00	0.00041	-140.00	-100.00	0.00038
-130.00	100.00	0.00028	-130.00	90.00	0.00034
-130.00	80.00	0.00042	-130.00	70.00	0.00053
-130.00	60.00	0.00066	-130.00	50.00	0.00082
-130.00	40.00	0.00103	-130.00	30.00	0.00129
-130.00	25.00	0.00145	-130.00	20.00	0.00162
-130.00	17.00	0.00172	-130.00	15.00	0.00178
-130.00	13.00	0.00184	-130.00	11.00	0.00191
-130.00	9.00	0.00198	-130.00	-9.00	0.00189
-130.00	-11.00	0.00166	-130.00	-13.00	0.00151
-130.00	-15.00	0.00141	-130.00	-17.00	0.00133
-130.00	-20.00	0.00125	-130.00	-25.00	0.00114
-130.00	-30.00	0.00106	-130.00	-40.00	0.00093
-130.00	-50.00	0.00082	-130.00	-60.00	0.00072
-130.00	-70.00	0.00064	-130.00	-80.00	0.00057
-130.00	-90.00	0.00050	-130.00	-100.00	0.00045
-120.00	100.00	0.00026	-120.00	90.00	0.00032
-120.00	80.00	0.00039	-120.00	70.00	0.00049
-120.00	60.00	0.00063	-120.00	50.00	0.00080
-120.00	40.00	0.00101	-120.00	30.00	0.00129
-120.00	25.00	0.00146	-120.00	20.00	0.00166

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
 \*\*MODELOPTS:  
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

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

10NCRA PL97-300\_DPM\_TRAV\_ANN E-W Bound  
 INCLUDING SOURCE(S): NCRA\_S4 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.00	17.00	0.00177	-120.00	15.00	0.00185	
-120.00	13.00	0.00194	-120.00	11.00	0.00203	
-120.00	9.00	0.00214	-120.00	-9.00	0.00408	
-120.00	-11.00	0.00359	-120.00	-13.00	0.00319	
-120.00	-15.00	0.00286	-120.00	-17.00	0.00259	
-120.00	-20.00	0.00228	-120.00	-25.00	0.00192	
-120.00	-30.00	0.00168	-120.00	-40.00	0.00136	
-120.00	-50.00	0.00114	-120.00	-60.00	0.00096	
-120.00	-70.00	0.00082	-120.00	-80.00	0.00071	
-120.00	-90.00	0.00062	-120.00	-100.00	0.00055	
-110.00	100.00	0.00023	-110.00	90.00	0.00029	
-110.00	80.00	0.00036	-110.00	70.00	0.00045	
-110.00	60.00	0.00058	-110.00	50.00	0.00076	
-110.00	40.00	0.00098	-110.00	30.00	0.00128	
-110.00	25.00	0.00146	-110.00	20.00	0.00167	
-110.00	17.00	0.00182	-110.00	15.00	0.00192	
-110.00	13.00	0.00202	-110.00	11.00	0.00215	
-110.00	9.00	0.00232	-110.00	-9.00	0.00558	
-110.00	-11.00	0.00515	-110.00	-13.00	0.00476	
-110.00	-15.00	0.00439	-110.00	-17.00	0.00405	
-110.00	-20.00	0.00360	-110.00	-25.00	0.00299	
-110.00	-30.00	0.00253	-110.00	-40.00	0.00192	
-110.00	-50.00	0.00153	-110.00	-60.00	0.00125	
-110.00	-70.00	0.00105	-110.00	-80.00	0.00089	
-110.00	-90.00	0.00076	-110.00	-100.00	0.00066	
-100.00	100.00	0.00021	-100.00	90.00	0.00026	
-100.00	80.00	0.00032	-100.00	70.00	0.00040	
-100.00	60.00	0.00053	-100.00	50.00	0.00070	
-100.00	40.00	0.00093	-100.00	30.00	0.00124	
-100.00	25.00	0.00143	-100.00	20.00	0.00166	
-100.00	17.00	0.00182	-100.00	15.00	0.00194	
-100.00	13.00	0.00208	-100.00	11.00	0.00224	
-100.00	9.00	0.00246	-100.00	-9.00	0.00649	
-100.00	-11.00	0.00612	-100.00	-13.00	0.00577	
-100.00	-15.00	0.00545	-100.00	-17.00	0.00513	
-100.00	-20.00	0.00468	-100.00	-25.00	0.00401	
-100.00	-30.00	0.00343	-100.00	-40.00	0.00257	
-100.00	-50.00	0.00199	-100.00	-60.00	0.00159	
-100.00	-70.00	0.00129	-100.00	-80.00	0.00108	
-100.00	-90.00	0.00091	-100.00	-100.00	0.00077	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*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
-90.00	100.00	0.00018	-90.00	90.00	0.00023
-90.00	80.00	0.00028	-90.00	70.00	0.00035
-90.00	60.00	0.00046	-90.00	50.00	0.00062
-90.00	40.00	0.00085	-90.00	30.00	0.00117
-90.00	25.00	0.00138	-90.00	20.00	0.00162
-90.00	17.00	0.00179	-90.00	15.00	0.00193
-90.00	13.00	0.00209	-90.00	11.00	0.00229
-90.00	9.00	0.00253	-90.00	-9.00	0.00706
-90.00	-11.00	0.00673	-90.00	-13.00	0.00642
-90.00	-15.00	0.00612	-90.00	-17.00	0.00584
-90.00	-20.00	0.00543	-90.00	-25.00	0.00478
-90.00	-30.00	0.00419	-90.00	-40.00	0.00319
-90.00	-50.00	0.00246	-90.00	-60.00	0.00194
-90.00	-70.00	0.00156	-90.00	-80.00	0.00128
-90.00	-90.00	0.00106	-90.00	-100.00	0.00090
-80.00	100.00	0.00016	-80.00	90.00	0.00020
-80.00	80.00	0.00024	-80.00	70.00	0.00031
-80.00	60.00	0.00040	-80.00	50.00	0.00053
-80.00	40.00	0.00074	-80.00	30.00	0.00106
-80.00	25.00	0.00127	-80.00	20.00	0.00153
-80.00	17.00	0.00172	-80.00	15.00	0.00187
-80.00	13.00	0.00205	-80.00	11.00	0.00226
-80.00	9.00	0.00254	-80.00	-9.00	0.00743
-80.00	-11.00	0.00711	-80.00	-13.00	0.00684
-80.00	-15.00	0.00657	-80.00	-17.00	0.00630
-80.00	-20.00	0.00592	-80.00	-25.00	0.00532
-80.00	-30.00	0.00474	-80.00	-40.00	0.00372
-80.00	-50.00	0.00290	-80.00	-60.00	0.00229
-80.00	-70.00	0.00183	-80.00	-80.00	0.00148
-80.00	-90.00	0.00122	-80.00	-100.00	0.00102
-70.00	100.00	0.00014	-70.00	90.00	0.00017
-70.00	80.00	0.00021	-70.00	70.00	0.00026
-70.00	60.00	0.00034	-70.00	50.00	0.00044
-70.00	40.00	0.00061	-70.00	30.00	0.00089

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	25.00	0.00110	-70.00	20.00	0.00138
-70.00	17.00	0.00158	-70.00	15.00	0.00174
-70.00	13.00	0.00193	-70.00	11.00	0.00216
-70.00	9.00	0.00245	-70.00	-9.00	0.00765
-70.00	-11.00	0.00735	-70.00	-13.00	0.00710
-70.00	-15.00	0.00686	-70.00	-17.00	0.00661

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 90

CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00625	-70.00	-25.00	0.00567
-70.00	-30.00	0.00513	-70.00	-40.00	0.00412
-70.00	-50.00	0.00327	-70.00	-60.00	0.00259
-70.00	-70.00	0.00207	-70.00	-80.00	0.00168
-70.00	-90.00	0.00138	-70.00	-100.00	0.00115
-60.00	100.00	0.00013	-60.00	90.00	0.00015
-60.00	80.00	0.00018	-60.00	70.00	0.00022
-60.00	60.00	0.00028	-60.00	50.00	0.00037
-60.00	40.00	0.00050	-60.00	30.00	0.00071
-60.00	25.00	0.00088	-60.00	20.00	0.00113
-60.00	17.00	0.00133	-60.00	15.00	0.00150
-60.00	13.00	0.00170	-60.00	11.00	0.00194
-60.00	9.00	0.00224	-60.00	-9.00	0.00777
-60.00	-11.00	0.00748	-60.00	-13.00	0.00724
-60.00	-15.00	0.00702	-60.00	-17.00	0.00679
-60.00	-20.00	0.00645	-60.00	-25.00	0.00589
-60.00	-30.00	0.00535	-60.00	-40.00	0.00438
-60.00	-50.00	0.00353	-60.00	-60.00	0.00284
-60.00	-70.00	0.00229	-60.00	-80.00	0.00186
-60.00	-90.00	0.00153	-60.00	-100.00	0.00127
-50.00	100.00	0.00012	-50.00	90.00	0.00014
-50.00	80.00	0.00016	-50.00	70.00	0.00020
-50.00	60.00	0.00025	-50.00	50.00	0.00031
-50.00	40.00	0.00041	-50.00	30.00	0.00057
-50.00	25.00	0.00070	-50.00	20.00	0.00089
-50.00	17.00	0.00104	-50.00	15.00	0.00117
-50.00	13.00	0.00134	-50.00	11.00	0.00155
-50.00	9.00	0.00183	-50.00	-9.00	0.00777

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-11.00	0.00751	-50.00	-13.00	0.00725
-50.00	-15.00	0.00704	-50.00	-17.00	0.00683
-50.00	-20.00	0.00650	-50.00	-25.00	0.00595
-50.00	-30.00	0.00544	-50.00	-40.00	0.00450
-50.00	-50.00	0.00369	-50.00	-60.00	0.00300
-50.00	-70.00	0.00244	-50.00	-80.00	0.00200
-50.00	-90.00	0.00165	-50.00	-100.00	0.00138
-40.00	100.00	0.00011	-40.00	90.00	0.00013
-40.00	80.00	0.00015	-40.00	70.00	0.00018
-40.00	60.00	0.00022	-40.00	50.00	0.00028
-40.00	40.00	0.00037	-40.00	30.00	0.00051
-40.00	25.00	0.00062	-40.00	20.00	0.00079

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

11:04:59

\*\*MODELOPTs:

PAGE 91

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West 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
-40.00	17.00	0.00092	-40.00	15.00	0.00104
-40.00	13.00	0.00118	-40.00	11.00	0.00135
-40.00	9.00	0.00158	-40.00	-9.00	0.00685
-40.00	-11.00	0.00686	-40.00	-13.00	0.00675
-40.00	-15.00	0.00660	-40.00	-17.00	0.00646
-40.00	-20.00	0.00620	-40.00	-25.00	0.00575
-40.00	-30.00	0.00529	-40.00	-40.00	0.00445
-40.00	-50.00	0.00370	-40.00	-60.00	0.00306
-40.00	-70.00	0.00253	-40.00	-80.00	0.00209
-40.00	-90.00	0.00174	-40.00	-100.00	0.00145
-30.00	100.00	0.00010	-30.00	90.00	0.00012
-30.00	80.00	0.00014	-30.00	70.00	0.00017
-30.00	60.00	0.00021	-30.00	50.00	0.00026
-30.00	40.00	0.00034	-30.00	30.00	0.00047
-30.00	25.00	0.00058	-30.00	20.00	0.00073
-30.00	17.00	0.00085	-30.00	15.00	0.00095
-30.00	13.00	0.00108	-30.00	11.00	0.00123
-30.00	9.00	0.00142	-30.00	-9.00	0.00469
-30.00	-11.00	0.00495	-30.00	-13.00	0.00514
-30.00	-15.00	0.00526	-30.00	-17.00	0.00531
-30.00	-20.00	0.00529	-30.00	-25.00	0.00511
-30.00	-30.00	0.00481	-30.00	-40.00	0.00418

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-50.00	0.00356	-30.00	-60.00	0.00301
-30.00	-70.00	0.00253	-30.00	-80.00	0.00212
-30.00	-90.00	0.00178	-30.00	-100.00	0.00150
-20.00	100.00	0.00010	-20.00	90.00	0.00011
-20.00	80.00	0.00013	-20.00	70.00	0.00016
-20.00	60.00	0.00020	-20.00	50.00	0.00024
-20.00	40.00	0.00032	-20.00	30.00	0.00044
-20.00	25.00	0.00053	-20.00	20.00	0.00066
-20.00	17.00	0.00077	-20.00	15.00	0.00086
-20.00	13.00	0.00097	-20.00	11.00	0.00109
-20.00	9.00	0.00123	-20.00	-9.00	0.00323
-20.00	-11.00	0.00344	-20.00	-13.00	0.00362
-20.00	-15.00	0.00377	-20.00	-17.00	0.00390
-20.00	-20.00	0.00403	-20.00	-25.00	0.00412
-20.00	-30.00	0.00407	-20.00	-40.00	0.00374
-20.00	-50.00	0.00330	-20.00	-60.00	0.00286
-20.00	-70.00	0.00245	-20.00	-80.00	0.00209
-20.00	-90.00	0.00178	-20.00	-100.00	0.00152

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 92

CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00009	-10.00	90.00	0.00011
-10.00	80.00	0.00013	-10.00	70.00	0.00015
-10.00	60.00	0.00018	-10.00	50.00	0.00023
-10.00	40.00	0.00029	-10.00	30.00	0.00040
-10.00	25.00	0.00049	-10.00	20.00	0.00060
-10.00	17.00	0.00069	-10.00	15.00	0.00077
-10.00	13.00	0.00085	-10.00	11.00	0.00094
-10.00	9.00	0.00104	-10.00	-9.00	0.00234
-10.00	-11.00	0.00249	-10.00	-13.00	0.00262
-10.00	-15.00	0.00274	-10.00	-17.00	0.00285
-10.00	-20.00	0.00299	-10.00	-25.00	0.00316
-10.00	-30.00	0.00324	-10.00	-40.00	0.00318
-10.00	-50.00	0.00294	-10.00	-60.00	0.00264
-10.00	-70.00	0.00232	-10.00	-80.00	0.00202
-10.00	-90.00	0.00175	-10.00	-100.00	0.00151
0.00	100.00	0.00009	0.00	90.00	0.00010



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	80.00	0.00012	0.00	70.00	0.00014
0.00	60.00	0.00017	0.00	50.00	0.00021
0.00	40.00	0.00027	0.00	30.00	0.00037
0.00	25.00	0.00044	0.00	20.00	0.00055
0.00	17.00	0.00062	0.00	15.00	0.00068
0.00	13.00	0.00074	0.00	11.00	0.00081
0.00	9.00	0.00088	0.00	-9.00	0.00176
0.00	-11.00	0.00187	0.00	-13.00	0.00197
0.00	-15.00	0.00206	0.00	-17.00	0.00215
0.00	-20.00	0.00226	0.00	-25.00	0.00241
0.00	-30.00	0.00253	0.00	-40.00	0.00262
0.00	-50.00	0.00254	0.00	-60.00	0.00236
0.00	-70.00	0.00214	0.00	-80.00	0.00191
0.00	-90.00	0.00168	0.00	-100.00	0.00148
10.00	100.00	0.00009	10.00	90.00	0.00010
10.00	80.00	0.00011	10.00	70.00	0.00013
10.00	60.00	0.00016	10.00	50.00	0.00020
10.00	40.00	0.00025	10.00	30.00	0.00034
10.00	25.00	0.00041	10.00	20.00	0.00049
10.00	17.00	0.00055	10.00	15.00	0.00060
10.00	13.00	0.00065	10.00	11.00	0.00070
10.00	9.00	0.00075	10.00	-9.00	0.00137
10.00	-11.00	0.00145	10.00	-13.00	0.00153
10.00	-15.00	0.00160	10.00	-17.00	0.00167

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00176	10.00	-25.00	0.00188
10.00	-30.00	0.00198	10.00	-40.00	0.00211
10.00	-50.00	0.00214	10.00	-60.00	0.00206
10.00	-70.00	0.00193	10.00	-80.00	0.00176
10.00	-90.00	0.00159	10.00	-100.00	0.00142
20.00	100.00	0.00008	20.00	90.00	0.00009
20.00	80.00	0.00011	20.00	70.00	0.00012
20.00	60.00	0.00015	20.00	50.00	0.00018
20.00	40.00	0.00023	20.00	30.00	0.00032
20.00	25.00	0.00037	20.00	20.00	0.00044

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	17.00	0.00049	20.00	15.00	0.00053
20.00	13.00	0.00056	20.00	11.00	0.00060
20.00	9.00	0.00064	20.00	-9.00	0.00110
20.00	-11.00	0.00116	20.00	-13.00	0.00121
20.00	-15.00	0.00127	20.00	-17.00	0.00132
20.00	-20.00	0.00140	20.00	-25.00	0.00150
20.00	-30.00	0.00159	20.00	-40.00	0.00171
20.00	-50.00	0.00178	20.00	-60.00	0.00177
20.00	-70.00	0.00171	20.00	-80.00	0.00160
20.00	-90.00	0.00148	20.00	-100.00	0.00134
30.00	100.00	0.00008	30.00	90.00	0.00009
30.00	80.00	0.00010	30.00	70.00	0.00012
30.00	60.00	0.00014	30.00	50.00	0.00017
30.00	40.00	0.00022	30.00	30.00	0.00029
30.00	25.00	0.00034	30.00	20.00	0.00040
30.00	17.00	0.00044	30.00	15.00	0.00046
30.00	13.00	0.00049	30.00	11.00	0.00052
30.00	9.00	0.00055	30.00	-9.00	0.00090
30.00	-11.00	0.00094	30.00	-13.00	0.00099
30.00	-15.00	0.00103	30.00	-17.00	0.00107
30.00	-20.00	0.00113	30.00	-25.00	0.00122
30.00	-30.00	0.00130	30.00	-40.00	0.00141
30.00	-50.00	0.00148	30.00	-60.00	0.00151
30.00	-70.00	0.00149	30.00	-80.00	0.00144
30.00	-90.00	0.00135	30.00	-100.00	0.00125
40.00	100.00	0.00007	40.00	90.00	0.00008
40.00	80.00	0.00009	40.00	70.00	0.00011
40.00	60.00	0.00013	40.00	50.00	0.00016
40.00	40.00	0.00020	40.00	30.00	0.00027
40.00	25.00	0.00031	40.00	20.00	0.00036

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 94  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00039	40.00	15.00	0.00041
40.00	13.00	0.00043	40.00	11.00	0.00046
40.00	9.00	0.00048	40.00	-9.00	0.00075
40.00	-11.00	0.00078	40.00	-13.00	0.00082

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-15.00	0.00085	40.00	-17.00	0.00089
40.00	-20.00	0.00094	40.00	-25.00	0.00101
40.00	-30.00	0.00107	40.00	-40.00	0.00117
40.00	-50.00	0.00124	40.00	-60.00	0.00128
40.00	-70.00	0.00130	40.00	-80.00	0.00127
40.00	-90.00	0.00122	40.00	-100.00	0.00116
50.00	100.00	0.00007	50.00	90.00	0.00008
50.00	80.00	0.00009	50.00	70.00	0.00010
50.00	60.00	0.00012	50.00	50.00	0.00015
50.00	40.00	0.00019	50.00	30.00	0.00025
50.00	25.00	0.00028	50.00	20.00	0.00032
50.00	17.00	0.00035	50.00	15.00	0.00037
50.00	13.00	0.00038	50.00	11.00	0.00040
50.00	9.00	0.00042	50.00	-9.00	0.00063
50.00	-11.00	0.00066	50.00	-13.00	0.00069
50.00	-15.00	0.00072	50.00	-17.00	0.00074
50.00	-20.00	0.00079	50.00	-25.00	0.00085
50.00	-30.00	0.00090	50.00	-40.00	0.00099
50.00	-50.00	0.00105	50.00	-60.00	0.00109
50.00	-70.00	0.00112	50.00	-80.00	0.00112
50.00	-90.00	0.00110	50.00	-100.00	0.00106
60.00	100.00	0.00007	60.00	90.00	0.00007
60.00	80.00	0.00008	60.00	70.00	0.00010
60.00	60.00	0.00012	60.00	50.00	0.00014
60.00	40.00	0.00018	60.00	30.00	0.00023
60.00	25.00	0.00026	60.00	20.00	0.00029
60.00	17.00	0.00031	60.00	15.00	0.00033
60.00	13.00	0.00034	60.00	11.00	0.00036
60.00	9.00	0.00037	60.00	-9.00	0.00054
60.00	-11.00	0.00057	60.00	-13.00	0.00059
60.00	-15.00	0.00061	60.00	-17.00	0.00063
60.00	-20.00	0.00067	60.00	-25.00	0.00072
60.00	-30.00	0.00077	60.00	-40.00	0.00084
60.00	-50.00	0.00090	60.00	-60.00	0.00094
60.00	-70.00	0.00097	60.00	-80.00	0.00098
60.00	-90.00	0.00098	60.00	-100.00	0.00096

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 95

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

10NCRA PL97-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00006	70.00	90.00	0.00007
70.00	80.00	0.00008	70.00	70.00	0.00009
70.00	60.00	0.00011	70.00	50.00	0.00014
70.00	40.00	0.00017	70.00	30.00	0.00021
70.00	25.00	0.00024	70.00	20.00	0.00027
70.00	17.00	0.00028	70.00	15.00	0.00029
70.00	13.00	0.00031	70.00	11.00	0.00032
70.00	9.00	0.00033	70.00	-9.00	0.00047
70.00	-11.00	0.00049	70.00	-13.00	0.00051
70.00	-15.00	0.00053	70.00	-17.00	0.00055
70.00	-20.00	0.00057	70.00	-25.00	0.00062
70.00	-30.00	0.00066	70.00	-40.00	0.00072
70.00	-50.00	0.00077	70.00	-60.00	0.00081
70.00	-70.00	0.00084	70.00	-80.00	0.00086
70.00	-90.00	0.00087	70.00	-100.00	0.00086
80.00	100.00	0.00006	80.00	90.00	0.00007
80.00	80.00	0.00008	80.00	70.00	0.00009
80.00	60.00	0.00011	80.00	50.00	0.00013
80.00	40.00	0.00016	80.00	30.00	0.00020
80.00	25.00	0.00022	80.00	20.00	0.00024
80.00	17.00	0.00026	80.00	15.00	0.00027
80.00	13.00	0.00028	80.00	11.00	0.00029
80.00	9.00	0.00030	80.00	-9.00	0.00041
80.00	-11.00	0.00043	80.00	-13.00	0.00044
80.00	-15.00	0.00046	80.00	-17.00	0.00047
80.00	-20.00	0.00050	80.00	-25.00	0.00054
80.00	-30.00	0.00057	80.00	-40.00	0.00063
80.00	-50.00	0.00067	80.00	-60.00	0.00071
80.00	-70.00	0.00074	80.00	-80.00	0.00076
80.00	-90.00	0.00077	80.00	-100.00	0.00077
90.00	100.00	0.00006	90.00	90.00	0.00006
90.00	80.00	0.00007	90.00	70.00	0.00008
90.00	60.00	0.00010	90.00	50.00	0.00012
90.00	40.00	0.00015	90.00	30.00	0.00018
90.00	25.00	0.00020	90.00	20.00	0.00022
90.00	17.00	0.00023	90.00	15.00	0.00024
90.00	13.00	0.00025	90.00	11.00	0.00026
90.00	9.00	0.00027	90.00	-9.00	0.00037
90.00	-11.00	0.00038	90.00	-13.00	0.00039
90.00	-15.00	0.00040	90.00	-17.00	0.00042

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*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
90.00	-20.00	0.00044	90.00	-25.00	0.00047
90.00	-30.00	0.00050	90.00	-40.00	0.00055
90.00	-50.00	0.00059	90.00	-60.00	0.00062
90.00	-70.00	0.00065	90.00	-80.00	0.00067
90.00	-90.00	0.00068	90.00	-100.00	0.00069
100.00	100.00	0.00005	100.00	90.00	0.00006
100.00	80.00	0.00007	100.00	70.00	0.00008
100.00	60.00	0.00010	100.00	50.00	0.00012
100.00	40.00	0.00014	100.00	30.00	0.00017
100.00	25.00	0.00019	100.00	20.00	0.00020
100.00	17.00	0.00021	100.00	15.00	0.00022
100.00	13.00	0.00023	100.00	11.00	0.00024
100.00	9.00	0.00024	100.00	-9.00	0.00033
100.00	-11.00	0.00034	100.00	-13.00	0.00035
100.00	-15.00	0.00036	100.00	-17.00	0.00037
100.00	-20.00	0.00038	100.00	-25.00	0.00041
100.00	-30.00	0.00044	100.00	-40.00	0.00049
100.00	-50.00	0.00052	100.00	-60.00	0.00055
100.00	-70.00	0.00057	100.00	-80.00	0.00059
100.00	-90.00	0.00061	100.00	-100.00	0.00062
110.00	100.00	0.00005	110.00	90.00	0.00006
110.00	80.00	0.00007	110.00	70.00	0.00008
110.00	60.00	0.00009	110.00	50.00	0.00011
110.00	40.00	0.00013	110.00	30.00	0.00016
110.00	25.00	0.00017	110.00	20.00	0.00019
110.00	17.00	0.00020	110.00	15.00	0.00020
110.00	13.00	0.00021	110.00	11.00	0.00021
110.00	9.00	0.00022	110.00	-9.00	0.00029
110.00	-11.00	0.00030	110.00	-13.00	0.00031
110.00	-15.00	0.00032	110.00	-17.00	0.00033
110.00	-20.00	0.00034	110.00	-25.00	0.00037
110.00	-30.00	0.00039	110.00	-40.00	0.00043
110.00	-50.00	0.00047	110.00	-60.00	0.00049
110.00	-70.00	0.00051	110.00	-80.00	0.00053
110.00	-90.00	0.00055	110.00	-100.00	0.00056
120.00	100.00	0.00005	120.00	90.00	0.00006

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00	80.00	0.00006	120.00	70.00	0.00008
120.00	60.00	0.00009	120.00	50.00	0.00011
120.00	40.00	0.00012	120.00	30.00	0.00015
120.00	25.00	0.00016	120.00	20.00	0.00017

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 97  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00018	120.00	15.00	0.00019
120.00	13.00	0.00019	120.00	11.00	0.00020
120.00	9.00	0.00020	120.00	-9.00	0.00026
120.00	-11.00	0.00027	120.00	-13.00	0.00028
120.00	-15.00	0.00029	120.00	-17.00	0.00029
120.00	-20.00	0.00031	120.00	-25.00	0.00033
120.00	-30.00	0.00035	120.00	-40.00	0.00039
120.00	-50.00	0.00042	120.00	-60.00	0.00044
120.00	-70.00	0.00046	120.00	-80.00	0.00048
120.00	-90.00	0.00049	120.00	-100.00	0.00050
130.00	100.00	0.00005	130.00	90.00	0.00005
130.00	80.00	0.00006	130.00	70.00	0.00007
130.00	60.00	0.00008	130.00	50.00	0.00010
130.00	40.00	0.00012	130.00	30.00	0.00014
130.00	25.00	0.00015	130.00	20.00	0.00016
130.00	17.00	0.00017	130.00	15.00	0.00017
130.00	13.00	0.00018	130.00	11.00	0.00018
130.00	9.00	0.00019	130.00	-9.00	0.00024
130.00	-11.00	0.00024	130.00	-13.00	0.00025
130.00	-15.00	0.00026	130.00	-17.00	0.00027
130.00	-20.00	0.00028	130.00	-25.00	0.00029
130.00	-30.00	0.00031	130.00	-40.00	0.00035
130.00	-50.00	0.00037	130.00	-60.00	0.00040
130.00	-70.00	0.00041	130.00	-80.00	0.00043
130.00	-90.00	0.00044	130.00	-100.00	0.00045
140.00	100.00	0.00005	140.00	90.00	0.00005
140.00	80.00	0.00006	140.00	70.00	0.00007
140.00	60.00	0.00008	140.00	50.00	0.00010
140.00	40.00	0.00011	140.00	30.00	0.00013
140.00	25.00	0.00014	140.00	20.00	0.00015

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	17.00	0.00015	140.00	15.00	0.00016
140.00	13.00	0.00016	140.00	11.00	0.00017
140.00	9.00	0.00017	140.00	-9.00	0.00022
140.00	-11.00	0.00022	140.00	-13.00	0.00023
140.00	-15.00	0.00023	140.00	-17.00	0.00024
140.00	-20.00	0.00025	140.00	-25.00	0.00027
140.00	-30.00	0.00028	140.00	-40.00	0.00031
140.00	-50.00	0.00034	140.00	-60.00	0.00036
140.00	-70.00	0.00038	140.00	-80.00	0.00039
140.00	-90.00	0.00040	140.00	-100.00	0.00041

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 98

CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00004	150.00	90.00	0.00005
150.00	80.00	0.00006	150.00	70.00	0.00007
150.00	60.00	0.00008	150.00	50.00	0.00009
150.00	40.00	0.00010	150.00	30.00	0.00012
150.00	25.00	0.00013	150.00	20.00	0.00014
150.00	17.00	0.00014	150.00	15.00	0.00015
150.00	13.00	0.00015	150.00	11.00	0.00015
150.00	9.00	0.00016	150.00	-9.00	0.00020
150.00	-11.00	0.00020	150.00	-13.00	0.00021
150.00	-15.00	0.00021	150.00	-17.00	0.00022
150.00	-20.00	0.00023	150.00	-25.00	0.00024
150.00	-30.00	0.00026	150.00	-40.00	0.00028
150.00	-50.00	0.00031	150.00	-60.00	0.00033
150.00	-70.00	0.00034	150.00	-80.00	0.00035
150.00	-90.00	0.00036	150.00	-100.00	0.00037
160.00	100.00	0.00004	160.00	90.00	0.00005
160.00	80.00	0.00006	160.00	70.00	0.00006
160.00	60.00	0.00007	160.00	50.00	0.00009
160.00	40.00	0.00010	160.00	30.00	0.00011
160.00	25.00	0.00012	160.00	20.00	0.00013
160.00	17.00	0.00013	160.00	15.00	0.00014
160.00	13.00	0.00014	160.00	11.00	0.00014
160.00	9.00	0.00015	160.00	-9.00	0.00018
160.00	-11.00	0.00019	160.00	-13.00	0.00019

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-15.00	0.00020	160.00	-17.00	0.00020
160.00	-20.00	0.00021	160.00	-25.00	0.00022
160.00	-30.00	0.00023	160.00	-40.00	0.00026
160.00	-50.00	0.00028	160.00	-60.00	0.00030
160.00	-70.00	0.00031	160.00	-80.00	0.00032
160.00	-90.00	0.00033	160.00	-100.00	0.00034
170.00	100.00	0.00004	170.00	90.00	0.00005
170.00	80.00	0.00005	170.00	70.00	0.00006
170.00	60.00	0.00007	170.00	50.00	0.00008
170.00	40.00	0.00009	170.00	30.00	0.00011
170.00	25.00	0.00011	170.00	20.00	0.00012
170.00	17.00	0.00012	170.00	15.00	0.00013
170.00	13.00	0.00013	170.00	11.00	0.00013
170.00	9.00	0.00014	170.00	-9.00	0.00017
170.00	-11.00	0.00017	170.00	-13.00	0.00018
170.00	-15.00	0.00018	170.00	-17.00	0.00018

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*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
170.00	-20.00	0.00019	170.00	-25.00	0.00020
170.00	-30.00	0.00021	170.00	-40.00	0.00023
170.00	-50.00	0.00025	170.00	-60.00	0.00027
170.00	-70.00	0.00029	170.00	-80.00	0.00030
170.00	-90.00	0.00031	170.00	-100.00	0.00031
180.00	100.00	0.00004	180.00	90.00	0.00005
180.00	80.00	0.00005	180.00	70.00	0.00006
180.00	60.00	0.00007	180.00	50.00	0.00008
180.00	40.00	0.00009	180.00	30.00	0.00010
180.00	25.00	0.00011	180.00	20.00	0.00011
180.00	17.00	0.00012	180.00	15.00	0.00012
180.00	13.00	0.00012	180.00	11.00	0.00012
180.00	9.00	0.00013	180.00	-9.00	0.00016
180.00	-11.00	0.00016	180.00	-13.00	0.00016
180.00	-15.00	0.00017	180.00	-17.00	0.00017
180.00	-20.00	0.00018	180.00	-25.00	0.00019
180.00	-30.00	0.00020	180.00	-40.00	0.00021
180.00	-50.00	0.00023	180.00	-60.00	0.00025



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-70.00	0.00026	180.00	-80.00	0.00027
180.00	-90.00	0.00028	180.00	-100.00	0.00029
190.00	100.00	0.00004	190.00	90.00	0.00004
190.00	80.00	0.00005	190.00	70.00	0.00006
190.00	60.00	0.00007	190.00	50.00	0.00007
190.00	40.00	0.00008	190.00	30.00	0.00009
190.00	25.00	0.00010	190.00	20.00	0.00011
190.00	17.00	0.00011	190.00	15.00	0.00011
190.00	13.00	0.00011	190.00	11.00	0.00012
190.00	9.00	0.00012	190.00	-9.00	0.00014
190.00	-11.00	0.00015	190.00	-13.00	0.00015
190.00	-15.00	0.00015	190.00	-17.00	0.00016
190.00	-20.00	0.00016	190.00	-25.00	0.00017
190.00	-30.00	0.00018	190.00	-40.00	0.00020
190.00	-50.00	0.00021	190.00	-60.00	0.00023
190.00	-70.00	0.00024	190.00	-80.00	0.00025
190.00	-90.00	0.00026	190.00	-100.00	0.00027
200.00	100.00	0.00004	200.00	90.00	0.00004
200.00	80.00	0.00005	200.00	70.00	0.00006
200.00	60.00	0.00006	200.00	50.00	0.00007
200.00	40.00	0.00008	200.00	30.00	0.00009
200.00	25.00	0.00009	200.00	20.00	0.00010

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 100

CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00010	200.00	15.00	0.00010
200.00	13.00	0.00011	200.00	11.00	0.00011
200.00	9.00	0.00011	200.00	-9.00	0.00013
200.00	-11.00	0.00014	200.00	-13.00	0.00014
200.00	-15.00	0.00014	200.00	-17.00	0.00015
200.00	-20.00	0.00015	200.00	-25.00	0.00016
200.00	-30.00	0.00017	200.00	-40.00	0.00018
200.00	-50.00	0.00020	200.00	-60.00	0.00021
200.00	-70.00	0.00022	200.00	-80.00	0.00023
200.00	-90.00	0.00024	200.00	-100.00	0.00025
210.00	100.00	0.00004	210.00	90.00	0.00004
210.00	80.00	0.00005	210.00	70.00	0.00005

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	60.00	0.00006	210.00	50.00	0.00007
210.00	40.00	0.00008	210.00	30.00	0.00008
210.00	25.00	0.00009	210.00	20.00	0.00009
210.00	17.00	0.00010	210.00	15.00	0.00010
210.00	13.00	0.00010	210.00	11.00	0.00010
210.00	9.00	0.00010	210.00	-9.00	0.00013
210.00	-11.00	0.00013	210.00	-13.00	0.00013
210.00	-15.00	0.00013	210.00	-17.00	0.00014
210.00	-20.00	0.00014	210.00	-25.00	0.00015
210.00	-30.00	0.00015	210.00	-40.00	0.00017
210.00	-50.00	0.00018	210.00	-60.00	0.00020
210.00	-70.00	0.00021	210.00	-80.00	0.00022
210.00	-90.00	0.00022	210.00	-100.00	0.00023
220.00	100.00	0.00004	220.00	90.00	0.00004
220.00	80.00	0.00005	220.00	70.00	0.00005
220.00	60.00	0.00006	220.00	50.00	0.00007
220.00	40.00	0.00007	220.00	30.00	0.00008
220.00	25.00	0.00008	220.00	20.00	0.00009
220.00	17.00	0.00009	220.00	15.00	0.00009
220.00	13.00	0.00009	220.00	11.00	0.00010
220.00	9.00	0.00010	220.00	-9.00	0.00012
220.00	-11.00	0.00012	220.00	-13.00	0.00012
220.00	-15.00	0.00012	220.00	-17.00	0.00013
220.00	-20.00	0.00013	220.00	-25.00	0.00014
220.00	-30.00	0.00014	220.00	-40.00	0.00016
220.00	-50.00	0.00017	220.00	-60.00	0.00018
220.00	-70.00	0.00019	220.00	-80.00	0.00020
220.00	-90.00	0.00021	220.00	-100.00	0.00021

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

11:04:59

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:  
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00004	230.00	90.00	0.00004
230.00	80.00	0.00004	230.00	70.00	0.00005
230.00	60.00	0.00006	230.00	50.00	0.00006
230.00	40.00	0.00007	230.00	30.00	0.00008
230.00	25.00	0.00008	230.00	20.00	0.00008
230.00	17.00	0.00009	230.00	15.00	0.00009

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	13.00	0.00009	230.00	11.00	0.00009
230.00	9.00	0.00009	230.00	-9.00	0.00011
230.00	-11.00	0.00011	230.00	-13.00	0.00011
230.00	-15.00	0.00012	230.00	-17.00	0.00012
230.00	-20.00	0.00012	230.00	-25.00	0.00013
230.00	-30.00	0.00013	230.00	-40.00	0.00015
230.00	-50.00	0.00016	230.00	-60.00	0.00017
230.00	-70.00	0.00018	230.00	-80.00	0.00019
230.00	-90.00	0.00019	230.00	-100.00	0.00020
240.00	100.00	0.00003	240.00	90.00	0.00004
240.00	80.00	0.00004	240.00	70.00	0.00005
240.00	60.00	0.00005	240.00	50.00	0.00006
240.00	40.00	0.00007	240.00	30.00	0.00007
240.00	25.00	0.00008	240.00	20.00	0.00008
240.00	17.00	0.00008	240.00	15.00	0.00008
240.00	13.00	0.00008	240.00	11.00	0.00009
240.00	9.00	0.00009	240.00	-9.00	0.00010
240.00	-11.00	0.00011	240.00	-13.00	0.00011
240.00	-15.00	0.00011	240.00	-17.00	0.00011
240.00	-20.00	0.00011	240.00	-25.00	0.00012
240.00	-30.00	0.00012	240.00	-40.00	0.00014
240.00	-50.00	0.00015	240.00	-60.00	0.00016
240.00	-70.00	0.00017	240.00	-80.00	0.00017
240.00	-90.00	0.00018	240.00	-100.00	0.00019
250.00	100.00	0.00003	250.00	90.00	0.00004
250.00	80.00	0.00004	250.00	70.00	0.00005
250.00	60.00	0.00005	250.00	50.00	0.00006
250.00	40.00	0.00006	250.00	30.00	0.00007
250.00	25.00	0.00007	250.00	20.00	0.00008
250.00	17.00	0.00008	250.00	15.00	0.00008
250.00	13.00	0.00008	250.00	11.00	0.00008
250.00	9.00	0.00008	250.00	-9.00	0.00010
250.00	-11.00	0.00010	250.00	-13.00	0.00010
250.00	-15.00	0.00010	250.00	-17.00	0.00010

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

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

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

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-20.00	0.00011	250.00	-25.00	0.00011
250.00	-30.00	0.00012	250.00	-40.00	0.00013
250.00	-50.00	0.00014	250.00	-60.00	0.00015
250.00	-70.00	0.00016	250.00	-80.00	0.00016
250.00	-90.00	0.00017	250.00	-100.00	0.00017

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

11:04:59

\*\*MODELOPTs:

PAGE 103

CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00032	-250.00	90.00	0.00038
-250.00	80.00	0.00045	-250.00	70.00	0.00053
-250.00	60.00	0.00062	-250.00	50.00	0.00073
-250.00	40.00	0.00084	-250.00	30.00	0.00094
-250.00	25.00	0.00097	-250.00	20.00	0.00098
-250.00	17.00	0.00098	-250.00	15.00	0.00097
-250.00	13.00	0.00096	-250.00	11.00	0.00094
-250.00	9.00	0.00091	-250.00	-9.00	0.00062
-250.00	-11.00	0.00061	-250.00	-13.00	0.00059
-250.00	-15.00	0.00057	-250.00	-17.00	0.00055
-250.00	-20.00	0.00053	-250.00	-25.00	0.00050
-250.00	-30.00	0.00047	-250.00	-40.00	0.00042
-250.00	-50.00	0.00039	-250.00	-60.00	0.00037
-250.00	-70.00	0.00034	-250.00	-80.00	0.00032
-250.00	-90.00	0.00029	-250.00	-100.00	0.00027
-240.00	100.00	0.00031	-240.00	90.00	0.00038
-240.00	80.00	0.00045	-240.00	70.00	0.00054
-240.00	60.00	0.00066	-240.00	50.00	0.00079
-240.00	40.00	0.00095	-240.00	30.00	0.00112
-240.00	25.00	0.00121	-240.00	20.00	0.00126
-240.00	17.00	0.00127	-240.00	15.00	0.00127
-240.00	13.00	0.00126	-240.00	11.00	0.00124
-240.00	9.00	0.00120	-240.00	-9.00	0.00074
-240.00	-11.00	0.00071	-240.00	-13.00	0.00069
-240.00	-15.00	0.00067	-240.00	-17.00	0.00065
-240.00	-20.00	0.00062	-240.00	-25.00	0.00059
-240.00	-30.00	0.00057	-240.00	-40.00	0.00052
-240.00	-50.00	0.00048	-240.00	-60.00	0.00045
-240.00	-70.00	0.00041	-240.00	-80.00	0.00038

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-90.00	0.00034	-240.00	-100.00	0.00032
-230.00	100.00	0.00030	-230.00	90.00	0.00036
-230.00	80.00	0.00044	-230.00	70.00	0.00054
-230.00	60.00	0.00067	-230.00	50.00	0.00082
-230.00	40.00	0.00101	-230.00	30.00	0.00125
-230.00	25.00	0.00139	-230.00	20.00	0.00152
-230.00	17.00	0.00159	-230.00	15.00	0.00163
-230.00	13.00	0.00166	-230.00	11.00	0.00168
-230.00	9.00	0.00168	-230.00	-9.00	0.00091
-230.00	-11.00	0.00088	-230.00	-13.00	0.00085
-230.00	-15.00	0.00083	-230.00	-17.00	0.00081

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

11:04:59  
 \*\*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
-230.00	-20.00	0.00079	-230.00	-25.00	0.00076
-230.00	-30.00	0.00073	-230.00	-40.00	0.00067
-230.00	-50.00	0.00061	-230.00	-60.00	0.00056
-230.00	-70.00	0.00050	-230.00	-80.00	0.00046
-230.00	-90.00	0.00041	-230.00	-100.00	0.00038
-220.00	100.00	0.00028	-220.00	90.00	0.00034
-220.00	80.00	0.00042	-220.00	70.00	0.00053
-220.00	60.00	0.00066	-220.00	50.00	0.00082
-220.00	40.00	0.00103	-220.00	30.00	0.00129
-220.00	25.00	0.00145	-220.00	20.00	0.00162
-220.00	17.00	0.00172	-220.00	15.00	0.00178
-220.00	13.00	0.00184	-220.00	11.00	0.00191
-220.00	9.00	0.00198	-220.00	-9.00	0.00189
-220.00	-11.00	0.00166	-220.00	-13.00	0.00151
-220.00	-15.00	0.00141	-220.00	-17.00	0.00133
-220.00	-20.00	0.00125	-220.00	-25.00	0.00114
-220.00	-30.00	0.00106	-220.00	-40.00	0.00093
-220.00	-50.00	0.00082	-220.00	-60.00	0.00072
-220.00	-70.00	0.00064	-220.00	-80.00	0.00057
-220.00	-90.00	0.00050	-220.00	-100.00	0.00045
-210.00	100.00	0.00026	-210.00	90.00	0.00032
-210.00	80.00	0.00039	-210.00	70.00	0.00049
-210.00	60.00	0.00063	-210.00	50.00	0.00080

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	40.00	0.00101	-210.00	30.00	0.00129
-210.00	25.00	0.00146	-210.00	20.00	0.00166
-210.00	17.00	0.00177	-210.00	15.00	0.00185
-210.00	13.00	0.00194	-210.00	11.00	0.00203
-210.00	9.00	0.00214	-210.00	-9.00	0.00408
-210.00	-11.00	0.00359	-210.00	-13.00	0.00319
-210.00	-15.00	0.00286	-210.00	-17.00	0.00259
-210.00	-20.00	0.00228	-210.00	-25.00	0.00192
-210.00	-30.00	0.00168	-210.00	-40.00	0.00136
-210.00	-50.00	0.00114	-210.00	-60.00	0.00096
-210.00	-70.00	0.00082	-210.00	-80.00	0.00071
-210.00	-90.00	0.00062	-210.00	-100.00	0.00055
-200.00	100.00	0.00023	-200.00	90.00	0.00029
-200.00	80.00	0.00036	-200.00	70.00	0.00045
-200.00	60.00	0.00058	-200.00	50.00	0.00076
-200.00	40.00	0.00098	-200.00	30.00	0.00128
-200.00	25.00	0.00146	-200.00	20.00	0.00167

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 105

CONC                                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00182	-200.00	15.00	0.00192
-200.00	13.00	0.00202	-200.00	11.00	0.00215
-200.00	9.00	0.00232	-200.00	-9.00	0.00558
-200.00	-11.00	0.00515	-200.00	-13.00	0.00476
-200.00	-15.00	0.00439	-200.00	-17.00	0.00405
-200.00	-20.00	0.00360	-200.00	-25.00	0.00299
-200.00	-30.00	0.00253	-200.00	-40.00	0.00192
-200.00	-50.00	0.00153	-200.00	-60.00	0.00125
-200.00	-70.00	0.00105	-200.00	-80.00	0.00089
-200.00	-90.00	0.00076	-200.00	-100.00	0.00066
-190.00	100.00	0.00021	-190.00	90.00	0.00026
-190.00	80.00	0.00032	-190.00	70.00	0.00040
-190.00	60.00	0.00053	-190.00	50.00	0.00070
-190.00	40.00	0.00093	-190.00	30.00	0.00124
-190.00	25.00	0.00143	-190.00	20.00	0.00166
-190.00	17.00	0.00182	-190.00	15.00	0.00194
-190.00	13.00	0.00208	-190.00	11.00	0.00224



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-30.00	0.00474	-170.00	-40.00	0.00372
-170.00	-50.00	0.00290	-170.00	-60.00	0.00229
-170.00	-70.00	0.00183	-170.00	-80.00	0.00148
-170.00	-90.00	0.00122	-170.00	-100.00	0.00102
-160.00	100.00	0.00014	-160.00	90.00	0.00017
-160.00	80.00	0.00021	-160.00	70.00	0.00026
-160.00	60.00	0.00034	-160.00	50.00	0.00044
-160.00	40.00	0.00061	-160.00	30.00	0.00089
-160.00	25.00	0.00110	-160.00	20.00	0.00138
-160.00	17.00	0.00158	-160.00	15.00	0.00174
-160.00	13.00	0.00193	-160.00	11.00	0.00216
-160.00	9.00	0.00245	-160.00	-9.00	0.00765
-160.00	-11.00	0.00735	-160.00	-13.00	0.00710
-160.00	-15.00	0.00686	-160.00	-17.00	0.00661
-160.00	-20.00	0.00625	-160.00	-25.00	0.00567
-160.00	-30.00	0.00513	-160.00	-40.00	0.00412
-160.00	-50.00	0.00327	-160.00	-60.00	0.00259
-160.00	-70.00	0.00207	-160.00	-80.00	0.00168
-160.00	-90.00	0.00138	-160.00	-100.00	0.00115
-150.00	100.00	0.00013	-150.00	90.00	0.00015
-150.00	80.00	0.00018	-150.00	70.00	0.00022
-150.00	60.00	0.00028	-150.00	50.00	0.00037
-150.00	40.00	0.00050	-150.00	30.00	0.00071
-150.00	25.00	0.00088	-150.00	20.00	0.00113
-150.00	17.00	0.00133	-150.00	15.00	0.00150
-150.00	13.00	0.00170	-150.00	11.00	0.00194
-150.00	9.00	0.00224	-150.00	-9.00	0.00777
-150.00	-11.00	0.00748	-150.00	-13.00	0.00724
-150.00	-15.00	0.00702	-150.00	-17.00	0.00679

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
 \*\*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
-150.00	-20.00	0.00645	-150.00	-25.00	0.00589
-150.00	-30.00	0.00535	-150.00	-40.00	0.00438
-150.00	-50.00	0.00353	-150.00	-60.00	0.00284
-150.00	-70.00	0.00229	-150.00	-80.00	0.00186
-150.00	-90.00	0.00153	-150.00	-100.00	0.00127



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	100.00	0.00012	-140.00	90.00	0.00014
-140.00	80.00	0.00016	-140.00	70.00	0.00020
-140.00	60.00	0.00025	-140.00	50.00	0.00031
-140.00	40.00	0.00041	-140.00	30.00	0.00057
-140.00	25.00	0.00070	-140.00	20.00	0.00089
-140.00	17.00	0.00104	-140.00	15.00	0.00117
-140.00	13.00	0.00134	-140.00	11.00	0.00155
-140.00	9.00	0.00183	-140.00	-9.00	0.00777
-140.00	-11.00	0.00751	-140.00	-13.00	0.00725
-140.00	-15.00	0.00704	-140.00	-17.00	0.00683
-140.00	-20.00	0.00650	-140.00	-25.00	0.00595
-140.00	-30.00	0.00544	-140.00	-40.00	0.00450
-140.00	-50.00	0.00369	-140.00	-60.00	0.00300
-140.00	-70.00	0.00244	-140.00	-80.00	0.00200
-140.00	-90.00	0.00165	-140.00	-100.00	0.00138
-130.00	100.00	0.00011	-130.00	90.00	0.00013
-130.00	80.00	0.00015	-130.00	70.00	0.00018
-130.00	60.00	0.00022	-130.00	50.00	0.00028
-130.00	40.00	0.00037	-130.00	30.00	0.00051
-130.00	25.00	0.00062	-130.00	20.00	0.00079
-130.00	17.00	0.00092	-130.00	15.00	0.00104
-130.00	13.00	0.00118	-130.00	11.00	0.00135
-130.00	9.00	0.00158	-130.00	-9.00	0.00685
-130.00	-11.00	0.00686	-130.00	-13.00	0.00675
-130.00	-15.00	0.00660	-130.00	-17.00	0.00646
-130.00	-20.00	0.00620	-130.00	-25.00	0.00575
-130.00	-30.00	0.00529	-130.00	-40.00	0.00445
-130.00	-50.00	0.00370	-130.00	-60.00	0.00306
-130.00	-70.00	0.00253	-130.00	-80.00	0.00209
-130.00	-90.00	0.00174	-130.00	-100.00	0.00145
-120.00	100.00	0.00010	-120.00	90.00	0.00012
-120.00	80.00	0.00014	-120.00	70.00	0.00017
-120.00	60.00	0.00021	-120.00	50.00	0.00026
-120.00	40.00	0.00034	-120.00	30.00	0.00047
-120.00	25.00	0.00058	-120.00	20.00	0.00073

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 11:04:59  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S5 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00085	-120.00	15.00	0.00095
-120.00	13.00	0.00108	-120.00	11.00	0.00123
-120.00	9.00	0.00142	-120.00	-9.00	0.00469
-120.00	-11.00	0.00495	-120.00	-13.00	0.00514
-120.00	-15.00	0.00526	-120.00	-17.00	0.00531
-120.00	-20.00	0.00529	-120.00	-25.00	0.00511
-120.00	-30.00	0.00481	-120.00	-40.00	0.00418
-120.00	-50.00	0.00356	-120.00	-60.00	0.00301
-120.00	-70.00	0.00253	-120.00	-80.00	0.00212
-120.00	-90.00	0.00178	-120.00	-100.00	0.00150
-110.00	100.00	0.00010	-110.00	90.00	0.00011
-110.00	80.00	0.00013	-110.00	70.00	0.00016
-110.00	60.00	0.00020	-110.00	50.00	0.00024
-110.00	40.00	0.00032	-110.00	30.00	0.00044
-110.00	25.00	0.00053	-110.00	20.00	0.00066
-110.00	17.00	0.00077	-110.00	15.00	0.00086
-110.00	13.00	0.00097	-110.00	11.00	0.00109
-110.00	9.00	0.00123	-110.00	-9.00	0.00323
-110.00	-11.00	0.00344	-110.00	-13.00	0.00362
-110.00	-15.00	0.00377	-110.00	-17.00	0.00390
-110.00	-20.00	0.00403	-110.00	-25.00	0.00412
-110.00	-30.00	0.00407	-110.00	-40.00	0.00374
-110.00	-50.00	0.00330	-110.00	-60.00	0.00286
-110.00	-70.00	0.00245	-110.00	-80.00	0.00209
-110.00	-90.00	0.00178	-110.00	-100.00	0.00152
-100.00	100.00	0.00009	-100.00	90.00	0.00011
-100.00	80.00	0.00013	-100.00	70.00	0.00015
-100.00	60.00	0.00018	-100.00	50.00	0.00023
-100.00	40.00	0.00029	-100.00	30.00	0.00040
-100.00	25.00	0.00049	-100.00	20.00	0.00060
-100.00	17.00	0.00069	-100.00	15.00	0.00077
-100.00	13.00	0.00085	-100.00	11.00	0.00094
-100.00	9.00	0.00104	-100.00	-9.00	0.00234
-100.00	-11.00	0.00249	-100.00	-13.00	0.00262
-100.00	-15.00	0.00274	-100.00	-17.00	0.00285
-100.00	-20.00	0.00299	-100.00	-25.00	0.00316
-100.00	-30.00	0.00324	-100.00	-40.00	0.00318
-100.00	-50.00	0.00294	-100.00	-60.00	0.00264
-100.00	-70.00	0.00232	-100.00	-80.00	0.00202
-100.00	-90.00	0.00175	-100.00	-100.00	0.00151

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00009	-90.00	90.00	0.00010
-90.00	80.00	0.00012	-90.00	70.00	0.00014
-90.00	60.00	0.00017	-90.00	50.00	0.00021
-90.00	40.00	0.00027	-90.00	30.00	0.00037
-90.00	25.00	0.00044	-90.00	20.00	0.00055
-90.00	17.00	0.00062	-90.00	15.00	0.00068
-90.00	13.00	0.00074	-90.00	11.00	0.00081
-90.00	9.00	0.00088	-90.00	-9.00	0.00176
-90.00	-11.00	0.00187	-90.00	-13.00	0.00197
-90.00	-15.00	0.00206	-90.00	-17.00	0.00215
-90.00	-20.00	0.00226	-90.00	-25.00	0.00241
-90.00	-30.00	0.00253	-90.00	-40.00	0.00262
-90.00	-50.00	0.00254	-90.00	-60.00	0.00236
-90.00	-70.00	0.00214	-90.00	-80.00	0.00191
-90.00	-90.00	0.00168	-90.00	-100.00	0.00148
-80.00	100.00	0.00009	-80.00	90.00	0.00010
-80.00	80.00	0.00011	-80.00	70.00	0.00013
-80.00	60.00	0.00016	-80.00	50.00	0.00020
-80.00	40.00	0.00025	-80.00	30.00	0.00034
-80.00	25.00	0.00041	-80.00	20.00	0.00049
-80.00	17.00	0.00055	-80.00	15.00	0.00060
-80.00	13.00	0.00065	-80.00	11.00	0.00070
-80.00	9.00	0.00075	-80.00	-9.00	0.00137
-80.00	-11.00	0.00145	-80.00	-13.00	0.00153
-80.00	-15.00	0.00160	-80.00	-17.00	0.00167
-80.00	-20.00	0.00176	-80.00	-25.00	0.00188
-80.00	-30.00	0.00198	-80.00	-40.00	0.00211
-80.00	-50.00	0.00214	-80.00	-60.00	0.00206
-80.00	-70.00	0.00193	-80.00	-80.00	0.00176
-80.00	-90.00	0.00159	-80.00	-100.00	0.00142
-70.00	100.00	0.00008	-70.00	90.00	0.00009
-70.00	80.00	0.00011	-70.00	70.00	0.00012
-70.00	60.00	0.00015	-70.00	50.00	0.00018
-70.00	40.00	0.00023	-70.00	30.00	0.00032
-70.00	25.00	0.00037	-70.00	20.00	0.00044
-70.00	17.00	0.00049	-70.00	15.00	0.00053
-70.00	13.00	0.00056	-70.00	11.00	0.00060

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	9.00	0.00064	-70.00	-9.00	0.00110
-70.00	-11.00	0.00116	-70.00	-13.00	0.00121
-70.00	-15.00	0.00127	-70.00	-17.00	0.00132

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*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
-70.00	-20.00	0.00140	-70.00	-25.00	0.00150
-70.00	-30.00	0.00159	-70.00	-40.00	0.00171
-70.00	-50.00	0.00178	-70.00	-60.00	0.00177
-70.00	-70.00	0.00171	-70.00	-80.00	0.00160
-70.00	-90.00	0.00148	-70.00	-100.00	0.00134
-60.00	100.00	0.00008	-60.00	90.00	0.00009
-60.00	80.00	0.00010	-60.00	70.00	0.00012
-60.00	60.00	0.00014	-60.00	50.00	0.00017
-60.00	40.00	0.00022	-60.00	30.00	0.00029
-60.00	25.00	0.00034	-60.00	20.00	0.00040
-60.00	17.00	0.00044	-60.00	15.00	0.00046
-60.00	13.00	0.00049	-60.00	11.00	0.00052
-60.00	9.00	0.00055	-60.00	-9.00	0.00090
-60.00	-11.00	0.00094	-60.00	-13.00	0.00099
-60.00	-15.00	0.00103	-60.00	-17.00	0.00107
-60.00	-20.00	0.00113	-60.00	-25.00	0.00122
-60.00	-30.00	0.00130	-60.00	-40.00	0.00141
-60.00	-50.00	0.00148	-60.00	-60.00	0.00151
-60.00	-70.00	0.00149	-60.00	-80.00	0.00144
-60.00	-90.00	0.00135	-60.00	-100.00	0.00125
-50.00	100.00	0.00007	-50.00	90.00	0.00008
-50.00	80.00	0.00009	-50.00	70.00	0.00011
-50.00	60.00	0.00013	-50.00	50.00	0.00016
-50.00	40.00	0.00020	-50.00	30.00	0.00027
-50.00	25.00	0.00031	-50.00	20.00	0.00036
-50.00	17.00	0.00039	-50.00	15.00	0.00041
-50.00	13.00	0.00043	-50.00	11.00	0.00046
-50.00	9.00	0.00048	-50.00	-9.00	0.00075
-50.00	-11.00	0.00078	-50.00	-13.00	0.00082
-50.00	-15.00	0.00085	-50.00	-17.00	0.00089
-50.00	-20.00	0.00094	-50.00	-25.00	0.00101

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-30.00	0.00107	-50.00	-40.00	0.00117
-50.00	-50.00	0.00124	-50.00	-60.00	0.00128
-50.00	-70.00	0.00130	-50.00	-80.00	0.00127
-50.00	-90.00	0.00122	-50.00	-100.00	0.00116
-40.00	100.00	0.00007	-40.00	90.00	0.00008
-40.00	80.00	0.00009	-40.00	70.00	0.00010
-40.00	60.00	0.00012	-40.00	50.00	0.00015
-40.00	40.00	0.00019	-40.00	30.00	0.00025
-40.00	25.00	0.00028	-40.00	20.00	0.00032

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00035	-40.00	15.00	0.00037
-40.00	13.00	0.00038	-40.00	11.00	0.00040
-40.00	9.00	0.00042	-40.00	-9.00	0.00063
-40.00	-11.00	0.00066	-40.00	-13.00	0.00069
-40.00	-15.00	0.00072	-40.00	-17.00	0.00074
-40.00	-20.00	0.00079	-40.00	-25.00	0.00085
-40.00	-30.00	0.00090	-40.00	-40.00	0.00099
-40.00	-50.00	0.00105	-40.00	-60.00	0.00109
-40.00	-70.00	0.00112	-40.00	-80.00	0.00112
-40.00	-90.00	0.00110	-40.00	-100.00	0.00106
-30.00	100.00	0.00007	-30.00	90.00	0.00007
-30.00	80.00	0.00008	-30.00	70.00	0.00010
-30.00	60.00	0.00012	-30.00	50.00	0.00014
-30.00	40.00	0.00018	-30.00	30.00	0.00023
-30.00	25.00	0.00026	-30.00	20.00	0.00029
-30.00	17.00	0.00031	-30.00	15.00	0.00033
-30.00	13.00	0.00034	-30.00	11.00	0.00036
-30.00	9.00	0.00037	-30.00	-9.00	0.00054
-30.00	-11.00	0.00057	-30.00	-13.00	0.00059
-30.00	-15.00	0.00061	-30.00	-17.00	0.00063
-30.00	-20.00	0.00067	-30.00	-25.00	0.00072
-30.00	-30.00	0.00077	-30.00	-40.00	0.00084
-30.00	-50.00	0.00090	-30.00	-60.00	0.00094
-30.00	-70.00	0.00097	-30.00	-80.00	0.00098
-30.00	-90.00	0.00098	-30.00	-100.00	0.00096

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	100.00	0.00006	-20.00	90.00	0.00007
-20.00	80.00	0.00008	-20.00	70.00	0.00009
-20.00	60.00	0.00011	-20.00	50.00	0.00014
-20.00	40.00	0.00017	-20.00	30.00	0.00021
-20.00	25.00	0.00024	-20.00	20.00	0.00027
-20.00	17.00	0.00028	-20.00	15.00	0.00029
-20.00	13.00	0.00031	-20.00	11.00	0.00032
-20.00	9.00	0.00033	-20.00	-9.00	0.00047
-20.00	-11.00	0.00049	-20.00	-13.00	0.00051
-20.00	-15.00	0.00053	-20.00	-17.00	0.00055
-20.00	-20.00	0.00057	-20.00	-25.00	0.00062
-20.00	-30.00	0.00066	-20.00	-40.00	0.00072
-20.00	-50.00	0.00077	-20.00	-60.00	0.00081
-20.00	-70.00	0.00084	-20.00	-80.00	0.00086
-20.00	-90.00	0.00087	-20.00	-100.00	0.00086

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 112

CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00006	-10.00	90.00	0.00007
-10.00	80.00	0.00008	-10.00	70.00	0.00009
-10.00	60.00	0.00011	-10.00	50.00	0.00013
-10.00	40.00	0.00016	-10.00	30.00	0.00020
-10.00	25.00	0.00022	-10.00	20.00	0.00024
-10.00	17.00	0.00026	-10.00	15.00	0.00027
-10.00	13.00	0.00028	-10.00	11.00	0.00029
-10.00	9.00	0.00030	-10.00	-9.00	0.00041
-10.00	-11.00	0.00043	-10.00	-13.00	0.00044
-10.00	-15.00	0.00046	-10.00	-17.00	0.00047
-10.00	-20.00	0.00050	-10.00	-25.00	0.00054
-10.00	-30.00	0.00057	-10.00	-40.00	0.00063
-10.00	-50.00	0.00067	-10.00	-60.00	0.00071
-10.00	-70.00	0.00074	-10.00	-80.00	0.00076
-10.00	-90.00	0.00077	-10.00	-100.00	0.00077
0.00	100.00	0.00006	0.00	90.00	0.00006
0.00	80.00	0.00007	0.00	70.00	0.00008
0.00	60.00	0.00010	0.00	50.00	0.00012
0.00	40.00	0.00015	0.00	30.00	0.00018

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	25.00	0.00020	0.00	20.00	0.00022
0.00	17.00	0.00023	0.00	15.00	0.00024
0.00	13.00	0.00025	0.00	11.00	0.00026
0.00	9.00	0.00027	0.00	-9.00	0.00037
0.00	-11.00	0.00038	0.00	-13.00	0.00039
0.00	-15.00	0.00040	0.00	-17.00	0.00042
0.00	-20.00	0.00044	0.00	-25.00	0.00047
0.00	-30.00	0.00050	0.00	-40.00	0.00055
0.00	-50.00	0.00059	0.00	-60.00	0.00062
0.00	-70.00	0.00065	0.00	-80.00	0.00067
0.00	-90.00	0.00068	0.00	-100.00	0.00069
10.00	100.00	0.00005	10.00	90.00	0.00006
10.00	80.00	0.00007	10.00	70.00	0.00008
10.00	60.00	0.00010	10.00	50.00	0.00012
10.00	40.00	0.00014	10.00	30.00	0.00017
10.00	25.00	0.00019	10.00	20.00	0.00020
10.00	17.00	0.00021	10.00	15.00	0.00022
10.00	13.00	0.00023	10.00	11.00	0.00024
10.00	9.00	0.00024	10.00	-9.00	0.00033
10.00	-11.00	0.00034	10.00	-13.00	0.00035
10.00	-15.00	0.00036	10.00	-17.00	0.00037

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 113  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00038	10.00	-25.00	0.00041
10.00	-30.00	0.00044	10.00	-40.00	0.00049
10.00	-50.00	0.00052	10.00	-60.00	0.00055
10.00	-70.00	0.00057	10.00	-80.00	0.00059
10.00	-90.00	0.00061	10.00	-100.00	0.00062
20.00	100.00	0.00005	20.00	90.00	0.00006
20.00	80.00	0.00007	20.00	70.00	0.00008
20.00	60.00	0.00009	20.00	50.00	0.00011
20.00	40.00	0.00013	20.00	30.00	0.00016
20.00	25.00	0.00017	20.00	20.00	0.00019
20.00	17.00	0.00020	20.00	15.00	0.00020
20.00	13.00	0.00021	20.00	11.00	0.00021
20.00	9.00	0.00022	20.00	-9.00	0.00029

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-11.00	0.00030	20.00	-13.00	0.00031
20.00	-15.00	0.00032	20.00	-17.00	0.00033
20.00	-20.00	0.00034	20.00	-25.00	0.00037
20.00	-30.00	0.00039	20.00	-40.00	0.00043
20.00	-50.00	0.00047	20.00	-60.00	0.00049
20.00	-70.00	0.00051	20.00	-80.00	0.00053
20.00	-90.00	0.00055	20.00	-100.00	0.00056
30.00	100.00	0.00005	30.00	90.00	0.00006
30.00	80.00	0.00006	30.00	70.00	0.00008
30.00	60.00	0.00009	30.00	50.00	0.00011
30.00	40.00	0.00012	30.00	30.00	0.00015
30.00	25.00	0.00016	30.00	20.00	0.00017
30.00	17.00	0.00018	30.00	15.00	0.00019
30.00	13.00	0.00019	30.00	11.00	0.00020
30.00	9.00	0.00020	30.00	-9.00	0.00026
30.00	-11.00	0.00027	30.00	-13.00	0.00028
30.00	-15.00	0.00029	30.00	-17.00	0.00029
30.00	-20.00	0.00031	30.00	-25.00	0.00033
30.00	-30.00	0.00035	30.00	-40.00	0.00039
30.00	-50.00	0.00042	30.00	-60.00	0.00044
30.00	-70.00	0.00046	30.00	-80.00	0.00048
30.00	-90.00	0.00049	30.00	-100.00	0.00050
40.00	100.00	0.00005	40.00	90.00	0.00005
40.00	80.00	0.00006	40.00	70.00	0.00007
40.00	60.00	0.00008	40.00	50.00	0.00010
40.00	40.00	0.00012	40.00	30.00	0.00014
40.00	25.00	0.00015	40.00	20.00	0.00016

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00017	40.00	15.00	0.00017
40.00	13.00	0.00018	40.00	11.00	0.00018
40.00	9.00	0.00019	40.00	-9.00	0.00024
40.00	-11.00	0.00024	40.00	-13.00	0.00025
40.00	-15.00	0.00026	40.00	-17.00	0.00027
40.00	-20.00	0.00028	40.00	-25.00	0.00029
40.00	-30.00	0.00031	40.00	-40.00	0.00035



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-50.00	0.00037	40.00	-60.00	0.00040
40.00	-70.00	0.00041	40.00	-80.00	0.00043
40.00	-90.00	0.00044	40.00	-100.00	0.00045
50.00	100.00	0.00005	50.00	90.00	0.00005
50.00	80.00	0.00006	50.00	70.00	0.00007
50.00	60.00	0.00008	50.00	50.00	0.00010
50.00	40.00	0.00011	50.00	30.00	0.00013
50.00	25.00	0.00014	50.00	20.00	0.00015
50.00	17.00	0.00015	50.00	15.00	0.00016
50.00	13.00	0.00016	50.00	11.00	0.00017
50.00	9.00	0.00017	50.00	-9.00	0.00022
50.00	-11.00	0.00022	50.00	-13.00	0.00023
50.00	-15.00	0.00023	50.00	-17.00	0.00024
50.00	-20.00	0.00025	50.00	-25.00	0.00027
50.00	-30.00	0.00028	50.00	-40.00	0.00031
50.00	-50.00	0.00034	50.00	-60.00	0.00036
50.00	-70.00	0.00038	50.00	-80.00	0.00039
50.00	-90.00	0.00040	50.00	-100.00	0.00041
60.00	100.00	0.00004	60.00	90.00	0.00005
60.00	80.00	0.00006	60.00	70.00	0.00007
60.00	60.00	0.00008	60.00	50.00	0.00009
60.00	40.00	0.00010	60.00	30.00	0.00012
60.00	25.00	0.00013	60.00	20.00	0.00014
60.00	17.00	0.00014	60.00	15.00	0.00015
60.00	13.00	0.00015	60.00	11.00	0.00015
60.00	9.00	0.00016	60.00	-9.00	0.00020
60.00	-11.00	0.00020	60.00	-13.00	0.00021
60.00	-15.00	0.00021	60.00	-17.00	0.00022
60.00	-20.00	0.00023	60.00	-25.00	0.00024
60.00	-30.00	0.00026	60.00	-40.00	0.00028
60.00	-50.00	0.00031	60.00	-60.00	0.00033
60.00	-70.00	0.00034	60.00	-80.00	0.00035
60.00	-90.00	0.00036	60.00	-100.00	0.00037

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00004	70.00	90.00	0.00005

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	80.00	0.00006	70.00	70.00	0.00006
70.00	60.00	0.00007	70.00	50.00	0.00009
70.00	40.00	0.00010	70.00	30.00	0.00011
70.00	25.00	0.00012	70.00	20.00	0.00013
70.00	17.00	0.00013	70.00	15.00	0.00014
70.00	13.00	0.00014	70.00	11.00	0.00014
70.00	9.00	0.00015	70.00	-9.00	0.00018
70.00	-11.00	0.00019	70.00	-13.00	0.00019
70.00	-15.00	0.00020	70.00	-17.00	0.00020
70.00	-20.00	0.00021	70.00	-25.00	0.00022
70.00	-30.00	0.00023	70.00	-40.00	0.00026
70.00	-50.00	0.00028	70.00	-60.00	0.00030
70.00	-70.00	0.00031	70.00	-80.00	0.00032
70.00	-90.00	0.00033	70.00	-100.00	0.00034
80.00	100.00	0.00004	80.00	90.00	0.00005
80.00	80.00	0.00005	80.00	70.00	0.00006
80.00	60.00	0.00007	80.00	50.00	0.00008
80.00	40.00	0.00009	80.00	30.00	0.00011
80.00	25.00	0.00011	80.00	20.00	0.00012
80.00	17.00	0.00012	80.00	15.00	0.00013
80.00	13.00	0.00013	80.00	11.00	0.00013
80.00	9.00	0.00014	80.00	-9.00	0.00017
80.00	-11.00	0.00017	80.00	-13.00	0.00018
80.00	-15.00	0.00018	80.00	-17.00	0.00018
80.00	-20.00	0.00019	80.00	-25.00	0.00020
80.00	-30.00	0.00021	80.00	-40.00	0.00023
80.00	-50.00	0.00025	80.00	-60.00	0.00027
80.00	-70.00	0.00029	80.00	-80.00	0.00030
80.00	-90.00	0.00031	80.00	-100.00	0.00031
90.00	100.00	0.00004	90.00	90.00	0.00005
90.00	80.00	0.00005	90.00	70.00	0.00006
90.00	60.00	0.00007	90.00	50.00	0.00008
90.00	40.00	0.00009	90.00	30.00	0.00010
90.00	25.00	0.00011	90.00	20.00	0.00011
90.00	17.00	0.00012	90.00	15.00	0.00012
90.00	13.00	0.00012	90.00	11.00	0.00012
90.00	9.00	0.00013	90.00	-9.00	0.00016
90.00	-11.00	0.00016	90.00	-13.00	0.00016
90.00	-15.00	0.00017	90.00	-17.00	0.00017

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 116

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00018	90.00	-25.00	0.00019	
90.00	-30.00	0.00020	90.00	-40.00	0.00021	
90.00	-50.00	0.00023	90.00	-60.00	0.00025	
90.00	-70.00	0.00026	90.00	-80.00	0.00027	
90.00	-90.00	0.00028	90.00	-100.00	0.00029	
100.00	100.00	0.00004	100.00	90.00	0.00004	
100.00	80.00	0.00005	100.00	70.00	0.00006	
100.00	60.00	0.00007	100.00	50.00	0.00007	
100.00	40.00	0.00008	100.00	30.00	0.00009	
100.00	25.00	0.00010	100.00	20.00	0.00011	
100.00	17.00	0.00011	100.00	15.00	0.00011	
100.00	13.00	0.00011	100.00	11.00	0.00012	
100.00	9.00	0.00012	100.00	-9.00	0.00014	
100.00	-11.00	0.00015	100.00	-13.00	0.00015	
100.00	-15.00	0.00015	100.00	-17.00	0.00016	
100.00	-20.00	0.00016	100.00	-25.00	0.00017	
100.00	-30.00	0.00018	100.00	-40.00	0.00020	
100.00	-50.00	0.00021	100.00	-60.00	0.00023	
100.00	-70.00	0.00024	100.00	-80.00	0.00025	
100.00	-90.00	0.00026	100.00	-100.00	0.00027	
110.00	100.00	0.00004	110.00	90.00	0.00004	
110.00	80.00	0.00005	110.00	70.00	0.00006	
110.00	60.00	0.00006	110.00	50.00	0.00007	
110.00	40.00	0.00008	110.00	30.00	0.00009	
110.00	25.00	0.00009	110.00	20.00	0.00010	
110.00	17.00	0.00010	110.00	15.00	0.00010	
110.00	13.00	0.00011	110.00	11.00	0.00011	
110.00	9.00	0.00011	110.00	-9.00	0.00013	
110.00	-11.00	0.00014	110.00	-13.00	0.00014	
110.00	-15.00	0.00014	110.00	-17.00	0.00015	
110.00	-20.00	0.00015	110.00	-25.00	0.00016	
110.00	-30.00	0.00017	110.00	-40.00	0.00018	
110.00	-50.00	0.00020	110.00	-60.00	0.00021	
110.00	-70.00	0.00022	110.00	-80.00	0.00023	
110.00	-90.00	0.00024	110.00	-100.00	0.00025	
120.00	100.00	0.00004	120.00	90.00	0.00004	
120.00	80.00	0.00005	120.00	70.00	0.00005	
120.00	60.00	0.00006	120.00	50.00	0.00007	
120.00	40.00	0.00008	120.00	30.00	0.00008	

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00 25.00 0.00009 120.00 20.00 0.00009

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

11:04:59

\*\*MODELOPTs:  
 PAGE 117

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00010	120.00	15.00	0.00010
120.00	13.00	0.00010	120.00	11.00	0.00010
120.00	9.00	0.00010	120.00	-9.00	0.00013
120.00	-11.00	0.00013	120.00	-13.00	0.00013
120.00	-15.00	0.00013	120.00	-17.00	0.00014
120.00	-20.00	0.00014	120.00	-25.00	0.00015
120.00	-30.00	0.00015	120.00	-40.00	0.00017
120.00	-50.00	0.00018	120.00	-60.00	0.00020
120.00	-70.00	0.00021	120.00	-80.00	0.00022
120.00	-90.00	0.00022	120.00	-100.00	0.00023
130.00	100.00	0.00004	130.00	90.00	0.00004
130.00	80.00	0.00005	130.00	70.00	0.00005
130.00	60.00	0.00006	130.00	50.00	0.00007
130.00	40.00	0.00007	130.00	30.00	0.00008
130.00	25.00	0.00008	130.00	20.00	0.00009
130.00	17.00	0.00009	130.00	15.00	0.00009
130.00	13.00	0.00009	130.00	11.00	0.00010
130.00	9.00	0.00010	130.00	-9.00	0.00012
130.00	-11.00	0.00012	130.00	-13.00	0.00012
130.00	-15.00	0.00012	130.00	-17.00	0.00013
130.00	-20.00	0.00013	130.00	-25.00	0.00014
130.00	-30.00	0.00014	130.00	-40.00	0.00016
130.00	-50.00	0.00017	130.00	-60.00	0.00018
130.00	-70.00	0.00019	130.00	-80.00	0.00020
130.00	-90.00	0.00021	130.00	-100.00	0.00021
140.00	100.00	0.00004	140.00	90.00	0.00004
140.00	80.00	0.00004	140.00	70.00	0.00005
140.00	60.00	0.00006	140.00	50.00	0.00006
140.00	40.00	0.00007	140.00	30.00	0.00008
140.00	25.00	0.00008	140.00	20.00	0.00008
140.00	17.00	0.00009	140.00	15.00	0.00009
140.00	13.00	0.00009	140.00	11.00	0.00009
140.00	9.00	0.00009	140.00	-9.00	0.00011

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-11.00	0.00011	140.00	-13.00	0.00011
140.00	-15.00	0.00012	140.00	-17.00	0.00012
140.00	-20.00	0.00012	140.00	-25.00	0.00013
140.00	-30.00	0.00013	140.00	-40.00	0.00015
140.00	-50.00	0.00016	140.00	-60.00	0.00017
140.00	-70.00	0.00018	140.00	-80.00	0.00019
140.00	-90.00	0.00019	140.00	-100.00	0.00020

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

11:04:59

\*\*MODELOPTs:  
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00003	150.00	90.00	0.00004
150.00	80.00	0.00004	150.00	70.00	0.00005
150.00	60.00	0.00005	150.00	50.00	0.00006
150.00	40.00	0.00007	150.00	30.00	0.00007
150.00	25.00	0.00008	150.00	20.00	0.00008
150.00	17.00	0.00008	150.00	15.00	0.00008
150.00	13.00	0.00008	150.00	11.00	0.00009
150.00	9.00	0.00009	150.00	-9.00	0.00010
150.00	-11.00	0.00011	150.00	-13.00	0.00011
150.00	-15.00	0.00011	150.00	-17.00	0.00011
150.00	-20.00	0.00011	150.00	-25.00	0.00012
150.00	-30.00	0.00012	150.00	-40.00	0.00014
150.00	-50.00	0.00015	150.00	-60.00	0.00016
150.00	-70.00	0.00017	150.00	-80.00	0.00017
150.00	-90.00	0.00018	150.00	-100.00	0.00019
160.00	100.00	0.00003	160.00	90.00	0.00004
160.00	80.00	0.00004	160.00	70.00	0.00005
160.00	60.00	0.00005	160.00	50.00	0.00006
160.00	40.00	0.00006	160.00	30.00	0.00007
160.00	25.00	0.00007	160.00	20.00	0.00008
160.00	17.00	0.00008	160.00	15.00	0.00008
160.00	13.00	0.00008	160.00	11.00	0.00008
160.00	9.00	0.00008	160.00	-9.00	0.00010
160.00	-11.00	0.00010	160.00	-13.00	0.00010
160.00	-15.00	0.00010	160.00	-17.00	0.00010
160.00	-20.00	0.00011	160.00	-25.00	0.00011
160.00	-30.00	0.00012	160.00	-40.00	0.00013

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-50.00	0.00014	160.00	-60.00	0.00015
160.00	-70.00	0.00016	160.00	-80.00	0.00016
160.00	-90.00	0.00017	160.00	-100.00	0.00017
170.00	100.00	0.00003	170.00	90.00	0.00004
170.00	80.00	0.00004	170.00	70.00	0.00004
170.00	60.00	0.00005	170.00	50.00	0.00005
170.00	40.00	0.00006	170.00	30.00	0.00007
170.00	25.00	0.00007	170.00	20.00	0.00007
170.00	17.00	0.00007	170.00	15.00	0.00007
170.00	13.00	0.00008	170.00	11.00	0.00008
170.00	9.00	0.00008	170.00	-9.00	0.00009
170.00	-11.00	0.00009	170.00	-13.00	0.00009
170.00	-15.00	0.00010	170.00	-17.00	0.00010

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 119

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00010	170.00	-25.00	0.00011
170.00	-30.00	0.00011	170.00	-40.00	0.00012
170.00	-50.00	0.00013	170.00	-60.00	0.00014
170.00	-70.00	0.00015	170.00	-80.00	0.00015
170.00	-90.00	0.00016	170.00	-100.00	0.00016
180.00	100.00	0.00003	180.00	90.00	0.00004
180.00	80.00	0.00004	180.00	70.00	0.00004
180.00	60.00	0.00005	180.00	50.00	0.00005
180.00	40.00	0.00006	180.00	30.00	0.00006
180.00	25.00	0.00007	180.00	20.00	0.00007
180.00	17.00	0.00007	180.00	15.00	0.00007
180.00	13.00	0.00007	180.00	11.00	0.00007
180.00	9.00	0.00007	180.00	-9.00	0.00009
180.00	-11.00	0.00009	180.00	-13.00	0.00009
180.00	-15.00	0.00009	180.00	-17.00	0.00009
180.00	-20.00	0.00010	180.00	-25.00	0.00010
180.00	-30.00	0.00010	180.00	-40.00	0.00011
180.00	-50.00	0.00012	180.00	-60.00	0.00013
180.00	-70.00	0.00014	180.00	-80.00	0.00014
180.00	-90.00	0.00015	180.00	-100.00	0.00015
190.00	100.00	0.00003	190.00	90.00	0.00003

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	80.00	0.00004	190.00	70.00	0.00004
190.00	60.00	0.00005	190.00	50.00	0.00005
190.00	40.00	0.00005	190.00	30.00	0.00006
190.00	25.00	0.00006	190.00	20.00	0.00006
190.00	17.00	0.00007	190.00	15.00	0.00007
190.00	13.00	0.00007	190.00	11.00	0.00007
190.00	9.00	0.00007	190.00	-9.00	0.00008
190.00	-11.00	0.00008	190.00	-13.00	0.00008
190.00	-15.00	0.00009	190.00	-17.00	0.00009
190.00	-20.00	0.00009	190.00	-25.00	0.00009
190.00	-30.00	0.00010	190.00	-40.00	0.00011
190.00	-50.00	0.00011	190.00	-60.00	0.00012
190.00	-70.00	0.00013	190.00	-80.00	0.00013
190.00	-90.00	0.00014	190.00	-100.00	0.00015
200.00	100.00	0.00003	200.00	90.00	0.00003
200.00	80.00	0.00004	200.00	70.00	0.00004
200.00	60.00	0.00004	200.00	50.00	0.00005
200.00	40.00	0.00005	200.00	30.00	0.00006
200.00	25.00	0.00006	200.00	20.00	0.00006

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 120

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00006	200.00	15.00	0.00006
200.00	13.00	0.00007	200.00	11.00	0.00007
200.00	9.00	0.00007	200.00	-9.00	0.00008
200.00	-11.00	0.00008	200.00	-13.00	0.00008
200.00	-15.00	0.00008	200.00	-17.00	0.00008
200.00	-20.00	0.00008	200.00	-25.00	0.00009
200.00	-30.00	0.00009	200.00	-40.00	0.00010
200.00	-50.00	0.00011	200.00	-60.00	0.00011
200.00	-70.00	0.00012	200.00	-80.00	0.00013
200.00	-90.00	0.00013	200.00	-100.00	0.00014
210.00	100.00	0.00003	210.00	90.00	0.00003
210.00	80.00	0.00004	210.00	70.00	0.00004
210.00	60.00	0.00004	210.00	50.00	0.00005
210.00	40.00	0.00005	210.00	30.00	0.00005
210.00	25.00	0.00006	210.00	20.00	0.00006

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	17.00	0.00006	210.00	15.00	0.00006
210.00	13.00	0.00006	210.00	11.00	0.00006
210.00	9.00	0.00006	210.00	-9.00	0.00007
210.00	-11.00	0.00007	210.00	-13.00	0.00008
210.00	-15.00	0.00008	210.00	-17.00	0.00008
210.00	-20.00	0.00008	210.00	-25.00	0.00008
210.00	-30.00	0.00009	210.00	-40.00	0.00009
210.00	-50.00	0.00010	210.00	-60.00	0.00011
210.00	-70.00	0.00011	210.00	-80.00	0.00012
210.00	-90.00	0.00012	210.00	-100.00	0.00013
220.00	100.00	0.00003	220.00	90.00	0.00003
220.00	80.00	0.00003	220.00	70.00	0.00004
220.00	60.00	0.00004	220.00	50.00	0.00004
220.00	40.00	0.00005	220.00	30.00	0.00005
220.00	25.00	0.00005	220.00	20.00	0.00006
220.00	17.00	0.00006	220.00	15.00	0.00006
220.00	13.00	0.00006	220.00	11.00	0.00006
220.00	9.00	0.00006	220.00	-9.00	0.00007
220.00	-11.00	0.00007	220.00	-13.00	0.00007
220.00	-15.00	0.00007	220.00	-17.00	0.00007
220.00	-20.00	0.00008	220.00	-25.00	0.00008
220.00	-30.00	0.00008	220.00	-40.00	0.00009
220.00	-50.00	0.00009	220.00	-60.00	0.00010
220.00	-70.00	0.00011	220.00	-80.00	0.00011
220.00	-90.00	0.00012	220.00	-100.00	0.00012

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 121

CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00003	230.00	90.00	0.00003
230.00	80.00	0.00003	230.00	70.00	0.00004
230.00	60.00	0.00004	230.00	50.00	0.00004
230.00	40.00	0.00005	230.00	30.00	0.00005
230.00	25.00	0.00005	230.00	20.00	0.00005
230.00	17.00	0.00006	230.00	15.00	0.00006
230.00	13.00	0.00006	230.00	11.00	0.00006
230.00	9.00	0.00006	230.00	-9.00	0.00007
230.00	-11.00	0.00007	230.00	-13.00	0.00007



10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-15.00	0.00007	230.00	-17.00	0.00007
230.00	-20.00	0.00007	230.00	-25.00	0.00008
230.00	-30.00	0.00008	230.00	-40.00	0.00008
230.00	-50.00	0.00009	230.00	-60.00	0.00010
230.00	-70.00	0.00010	230.00	-80.00	0.00011
230.00	-90.00	0.00011	230.00	-100.00	0.00012
240.00	100.00	0.00003	240.00	90.00	0.00003
240.00	80.00	0.00003	240.00	70.00	0.00004
240.00	60.00	0.00004	240.00	50.00	0.00004
240.00	40.00	0.00004	240.00	30.00	0.00005
240.00	25.00	0.00005	240.00	20.00	0.00005
240.00	17.00	0.00005	240.00	15.00	0.00005
240.00	13.00	0.00005	240.00	11.00	0.00006
240.00	9.00	0.00006	240.00	-9.00	0.00006
240.00	-11.00	0.00006	240.00	-13.00	0.00007
240.00	-15.00	0.00007	240.00	-17.00	0.00007
240.00	-20.00	0.00007	240.00	-25.00	0.00007
240.00	-30.00	0.00007	240.00	-40.00	0.00008
240.00	-50.00	0.00008	240.00	-60.00	0.00009
240.00	-70.00	0.00010	240.00	-80.00	0.00010
240.00	-90.00	0.00011	240.00	-100.00	0.00011
250.00	100.00	0.00003	250.00	90.00	0.00003
250.00	80.00	0.00003	250.00	70.00	0.00003
250.00	60.00	0.00004	250.00	50.00	0.00004
250.00	40.00	0.00004	250.00	30.00	0.00005
250.00	25.00	0.00005	250.00	20.00	0.00005
250.00	17.00	0.00005	250.00	15.00	0.00005
250.00	13.00	0.00005	250.00	11.00	0.00005
250.00	9.00	0.00005	250.00	-9.00	0.00006
250.00	-11.00	0.00006	250.00	-13.00	0.00006
250.00	-15.00	0.00006	250.00	-17.00	0.00006

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

11:04:59

\*\*MODELOPTs:

PAGE 122

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West 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
250.00	-20.00	0.00007	250.00	-25.00	0.00007
250.00	-30.00	0.00007	250.00	-40.00	0.00008
250.00	-50.00	0.00008	250.00	-60.00	0.00009

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-70.00	0.00009	250.00	-80.00	0.00010
250.00	-90.00	0.00010	250.00	-100.00	0.00010

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00069	-250.00	90.00	0.00075
-250.00	80.00	0.00083	-250.00	70.00	0.00092
-250.00	60.00	0.00102	-250.00	50.00	0.00113
-250.00	40.00	0.00124	-250.00	30.00	0.00132
-250.00	25.00	0.00134	-250.00	20.00	0.00134
-250.00	17.00	0.00133	-250.00	15.00	0.00132
-250.00	13.00	0.00130	-250.00	11.00	0.00128
-250.00	9.00	0.00124	-250.00	-9.00	0.00093
-250.00	-11.00	0.00091	-250.00	-13.00	0.00089
-250.00	-15.00	0.00087	-250.00	-17.00	0.00086
-250.00	-20.00	0.00083	-250.00	-25.00	0.00079
-250.00	-30.00	0.00076	-250.00	-40.00	0.00071
-250.00	-50.00	0.00066	-250.00	-60.00	0.00062
-250.00	-70.00	0.00058	-250.00	-80.00	0.00055
-250.00	-90.00	0.00051	-250.00	-100.00	0.00048
-240.00	100.00	0.00071	-240.00	90.00	0.00078
-240.00	80.00	0.00087	-240.00	70.00	0.00097
-240.00	60.00	0.00109	-240.00	50.00	0.00123
-240.00	40.00	0.00139	-240.00	30.00	0.00155
-240.00	25.00	0.00162	-240.00	20.00	0.00166
-240.00	17.00	0.00166	-240.00	15.00	0.00165
-240.00	13.00	0.00164	-240.00	11.00	0.00161
-240.00	9.00	0.00157	-240.00	-9.00	0.00108
-240.00	-11.00	0.00105	-240.00	-13.00	0.00102
-240.00	-15.00	0.00100	-240.00	-17.00	0.00098
-240.00	-20.00	0.00095	-240.00	-25.00	0.00091
-240.00	-30.00	0.00088	-240.00	-40.00	0.00083
-240.00	-50.00	0.00077	-240.00	-60.00	0.00072
-240.00	-70.00	0.00067	-240.00	-80.00	0.00062
-240.00	-90.00	0.00058	-240.00	-100.00	0.00054
-230.00	100.00	0.00073	-230.00	90.00	0.00081
-230.00	80.00	0.00090	-230.00	70.00	0.00101

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-230.00	60.00	0.00114	-230.00	50.00	0.00130
-230.00	40.00	0.00150	-230.00	30.00	0.00173
-230.00	25.00	0.00185	-230.00	20.00	0.00197
-230.00	17.00	0.00203	-230.00	15.00	0.00206
-230.00	13.00	0.00208	-230.00	11.00	0.00210
-230.00	9.00	0.00209	-230.00	-9.00	0.00128
-230.00	-11.00	0.00125	-230.00	-13.00	0.00122
-230.00	-15.00	0.00120	-230.00	-17.00	0.00118

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 124  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00115	-230.00	-25.00	0.00111
-230.00	-30.00	0.00107	-230.00	-40.00	0.00100
-230.00	-50.00	0.00093	-230.00	-60.00	0.00085
-230.00	-70.00	0.00078	-230.00	-80.00	0.00072
-230.00	-90.00	0.00067	-230.00	-100.00	0.00062
-220.00	100.00	0.00074	-220.00	90.00	0.00082
-220.00	80.00	0.00092	-220.00	70.00	0.00104
-220.00	60.00	0.00118	-220.00	50.00	0.00135
-220.00	40.00	0.00157	-220.00	30.00	0.00183
-220.00	25.00	0.00197	-220.00	20.00	0.00212
-220.00	17.00	0.00221	-220.00	15.00	0.00226
-220.00	13.00	0.00231	-220.00	11.00	0.00237
-220.00	9.00	0.00244	-220.00	-9.00	0.00231
-220.00	-11.00	0.00207	-220.00	-13.00	0.00192
-220.00	-15.00	0.00181	-220.00	-17.00	0.00174
-220.00	-20.00	0.00165	-220.00	-25.00	0.00153
-220.00	-30.00	0.00144	-220.00	-40.00	0.00129
-220.00	-50.00	0.00116	-220.00	-60.00	0.00104
-220.00	-70.00	0.00094	-220.00	-80.00	0.00085
-220.00	-90.00	0.00078	-220.00	-100.00	0.00071
-210.00	100.00	0.00075	-210.00	90.00	0.00084
-210.00	80.00	0.00094	-210.00	70.00	0.00106
-210.00	60.00	0.00121	-210.00	50.00	0.00139
-210.00	40.00	0.00162	-210.00	30.00	0.00190
-210.00	25.00	0.00206	-210.00	20.00	0.00223
-210.00	17.00	0.00233	-210.00	15.00	0.00240

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	13.00	0.00248	-210.00	11.00	0.00256
-210.00	9.00	0.00266	-210.00	-9.00	0.00454
-210.00	-11.00	0.00405	-210.00	-13.00	0.00365
-210.00	-15.00	0.00331	-210.00	-17.00	0.00304
-210.00	-20.00	0.00272	-210.00	-25.00	0.00235
-210.00	-30.00	0.00210	-210.00	-40.00	0.00175
-210.00	-50.00	0.00151	-210.00	-60.00	0.00131
-210.00	-70.00	0.00115	-210.00	-80.00	0.00102
-210.00	-90.00	0.00091	-210.00	-100.00	0.00082
-200.00	100.00	0.00076	-200.00	90.00	0.00085
-200.00	80.00	0.00096	-200.00	70.00	0.00108
-200.00	60.00	0.00124	-200.00	50.00	0.00143
-200.00	40.00	0.00166	-200.00	30.00	0.00197
-200.00	25.00	0.00214	-200.00	20.00	0.00234

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 125

CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00246	-200.00	15.00	0.00255
-200.00	13.00	0.00265	-200.00	11.00	0.00276
-200.00	9.00	0.00291	-200.00	-9.00	0.00610
-200.00	-11.00	0.00567	-200.00	-13.00	0.00527
-200.00	-15.00	0.00490	-200.00	-17.00	0.00455
-200.00	-20.00	0.00409	-200.00	-25.00	0.00347
-200.00	-30.00	0.00300	-200.00	-40.00	0.00236
-200.00	-50.00	0.00193	-200.00	-60.00	0.00163
-200.00	-70.00	0.00140	-200.00	-80.00	0.00122
-200.00	-90.00	0.00108	-200.00	-100.00	0.00096
-190.00	100.00	0.00077	-190.00	90.00	0.00086
-190.00	80.00	0.00097	-190.00	70.00	0.00110
-190.00	60.00	0.00126	-190.00	50.00	0.00146
-190.00	40.00	0.00171	-190.00	30.00	0.00203
-190.00	25.00	0.00222	-190.00	20.00	0.00244
-190.00	17.00	0.00258	-190.00	15.00	0.00269
-190.00	13.00	0.00281	-190.00	11.00	0.00295
-190.00	9.00	0.00315	-190.00	-9.00	0.00708
-190.00	-11.00	0.00671	-190.00	-13.00	0.00635
-190.00	-15.00	0.00602	-190.00	-17.00	0.00570

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	-20.00	0.00524	-190.00	-25.00	0.00454
-190.00	-30.00	0.00395	-190.00	-40.00	0.00305
-190.00	-50.00	0.00243	-190.00	-60.00	0.00200
-190.00	-70.00	0.00168	-190.00	-80.00	0.00144
-190.00	-90.00	0.00126	-190.00	-100.00	0.00111
-180.00	100.00	0.00078	-180.00	90.00	0.00087
-180.00	80.00	0.00098	-180.00	70.00	0.00112
-180.00	60.00	0.00128	-180.00	50.00	0.00149
-180.00	40.00	0.00175	-180.00	30.00	0.00209
-180.00	25.00	0.00229	-180.00	20.00	0.00253
-180.00	17.00	0.00269	-180.00	15.00	0.00281
-180.00	13.00	0.00296	-180.00	11.00	0.00313
-180.00	9.00	0.00335	-180.00	-9.00	0.00774
-180.00	-11.00	0.00740	-180.00	-13.00	0.00708
-180.00	-15.00	0.00678	-180.00	-17.00	0.00648
-180.00	-20.00	0.00606	-180.00	-25.00	0.00538
-180.00	-30.00	0.00476	-180.00	-40.00	0.00372
-180.00	-50.00	0.00296	-180.00	-60.00	0.00240
-180.00	-70.00	0.00200	-180.00	-80.00	0.00169
-180.00	-90.00	0.00145	-180.00	-100.00	0.00126

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 126  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00079	-170.00	90.00	0.00088
-170.00	80.00	0.00099	-170.00	70.00	0.00113
-170.00	60.00	0.00130	-170.00	50.00	0.00152
-170.00	40.00	0.00179	-170.00	30.00	0.00214
-170.00	25.00	0.00236	-170.00	20.00	0.00261
-170.00	17.00	0.00279	-170.00	15.00	0.00293
-170.00	13.00	0.00309	-170.00	11.00	0.00328
-170.00	9.00	0.00352	-170.00	-9.00	0.00821
-170.00	-11.00	0.00788	-170.00	-13.00	0.00759
-170.00	-15.00	0.00731	-170.00	-17.00	0.00703
-170.00	-20.00	0.00663	-170.00	-25.00	0.00599
-170.00	-30.00	0.00539	-170.00	-40.00	0.00432
-170.00	-50.00	0.00346	-170.00	-60.00	0.00281
-170.00	-70.00	0.00232	-170.00	-80.00	0.00195

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-90.00	0.00166	-170.00	-100.00	0.00143
-160.00	100.00	0.00079	-160.00	90.00	0.00089
-160.00	80.00	0.00101	-160.00	70.00	0.00115
-160.00	60.00	0.00132	-160.00	50.00	0.00154
-160.00	40.00	0.00182	-160.00	30.00	0.00219
-160.00	25.00	0.00242	-160.00	20.00	0.00269
-160.00	17.00	0.00288	-160.00	15.00	0.00303
-160.00	13.00	0.00320	-160.00	11.00	0.00341
-160.00	9.00	0.00367	-160.00	-9.00	0.00855
-160.00	-11.00	0.00823	-160.00	-13.00	0.00796
-160.00	-15.00	0.00770	-160.00	-17.00	0.00744
-160.00	-20.00	0.00705	-160.00	-25.00	0.00643
-160.00	-30.00	0.00586	-160.00	-40.00	0.00480
-160.00	-50.00	0.00390	-160.00	-60.00	0.00319
-160.00	-70.00	0.00263	-160.00	-80.00	0.00220
-160.00	-90.00	0.00187	-160.00	-100.00	0.00161
-150.00	100.00	0.00080	-150.00	90.00	0.00090
-150.00	80.00	0.00102	-150.00	70.00	0.00116
-150.00	60.00	0.00134	-150.00	50.00	0.00156
-150.00	40.00	0.00185	-150.00	30.00	0.00223
-150.00	25.00	0.00247	-150.00	20.00	0.00276
-150.00	17.00	0.00297	-150.00	15.00	0.00312
-150.00	13.00	0.00330	-150.00	11.00	0.00352
-150.00	9.00	0.00378	-150.00	-9.00	0.00881
-150.00	-11.00	0.00850	-150.00	-13.00	0.00824
-150.00	-15.00	0.00799	-150.00	-17.00	0.00774

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

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
\*\*MODELOPTS:  
PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00737	-150.00	-25.00	0.00677
-150.00	-30.00	0.00621	-150.00	-40.00	0.00518
-150.00	-50.00	0.00428	-150.00	-60.00	0.00353
-150.00	-70.00	0.00293	-150.00	-80.00	0.00246
-150.00	-90.00	0.00208	-150.00	-100.00	0.00179
-140.00	100.00	0.00081	-140.00	90.00	0.00091
-140.00	80.00	0.00103	-140.00	70.00	0.00117
-140.00	60.00	0.00135	-140.00	50.00	0.00158

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	40.00	0.00188	-140.00	30.00	0.00227
-140.00	25.00	0.00252	-140.00	20.00	0.00282
-140.00	17.00	0.00304	-140.00	15.00	0.00320
-140.00	13.00	0.00339	-140.00	11.00	0.00361
-140.00	9.00	0.00389	-140.00	-9.00	0.00903
-140.00	-11.00	0.00873	-140.00	-13.00	0.00844
-140.00	-15.00	0.00821	-140.00	-17.00	0.00798
-140.00	-20.00	0.00762	-140.00	-25.00	0.00704
-140.00	-30.00	0.00648	-140.00	-40.00	0.00548
-140.00	-50.00	0.00459	-140.00	-60.00	0.00383
-140.00	-70.00	0.00320	-140.00	-80.00	0.00269
-140.00	-90.00	0.00229	-140.00	-100.00	0.00197
-130.00	100.00	0.00081	-130.00	90.00	0.00091
-130.00	80.00	0.00103	-130.00	70.00	0.00118
-130.00	60.00	0.00137	-130.00	50.00	0.00160
-130.00	40.00	0.00190	-130.00	30.00	0.00230
-130.00	25.00	0.00256	-130.00	20.00	0.00287
-130.00	17.00	0.00310	-130.00	15.00	0.00326
-130.00	13.00	0.00346	-130.00	11.00	0.00369
-130.00	9.00	0.00398	-130.00	-9.00	0.00913
-130.00	-11.00	0.00890	-130.00	-13.00	0.00864
-130.00	-15.00	0.00839	-130.00	-17.00	0.00816
-130.00	-20.00	0.00782	-130.00	-25.00	0.00725
-130.00	-30.00	0.00670	-130.00	-40.00	0.00571
-130.00	-50.00	0.00483	-130.00	-60.00	0.00408
-130.00	-70.00	0.00344	-130.00	-80.00	0.00291
-130.00	-90.00	0.00248	-130.00	-100.00	0.00214
-120.00	100.00	0.00081	-120.00	90.00	0.00092
-120.00	80.00	0.00104	-120.00	70.00	0.00119
-120.00	60.00	0.00138	-120.00	50.00	0.00162
-120.00	40.00	0.00192	-120.00	30.00	0.00234
-120.00	25.00	0.00260	-120.00	20.00	0.00292

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

11:04:59  
 \*\*MODELOPTS:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00315	-120.00	15.00	0.00332
-120.00	13.00	0.00352	-120.00	11.00	0.00376

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	9.00	0.00405	-120.00	-9.00	0.00920
-120.00	-11.00	0.00897	-120.00	-13.00	0.00875
-120.00	-15.00	0.00854	-120.00	-17.00	0.00831
-120.00	-20.00	0.00798	-120.00	-25.00	0.00743
-120.00	-30.00	0.00688	-120.00	-40.00	0.00590
-120.00	-50.00	0.00504	-120.00	-60.00	0.00429
-120.00	-70.00	0.00365	-120.00	-80.00	0.00311
-120.00	-90.00	0.00266	-120.00	-100.00	0.00230
-110.00	100.00	0.00082	-110.00	90.00	0.00092
-110.00	80.00	0.00105	-110.00	70.00	0.00120
-110.00	60.00	0.00139	-110.00	50.00	0.00163
-110.00	40.00	0.00194	-110.00	30.00	0.00237
-110.00	25.00	0.00264	-110.00	20.00	0.00296
-110.00	17.00	0.00320	-110.00	15.00	0.00338
-110.00	13.00	0.00358	-110.00	11.00	0.00381
-110.00	9.00	0.00411	-110.00	-9.00	0.00930
-110.00	-11.00	0.00907	-110.00	-13.00	0.00885
-110.00	-15.00	0.00863	-110.00	-17.00	0.00842
-110.00	-20.00	0.00809	-110.00	-25.00	0.00756
-110.00	-30.00	0.00703	-110.00	-40.00	0.00606
-110.00	-50.00	0.00520	-110.00	-60.00	0.00446
-110.00	-70.00	0.00382	-110.00	-80.00	0.00328
-110.00	-90.00	0.00283	-110.00	-100.00	0.00245
-100.00	100.00	0.00082	-100.00	90.00	0.00092
-100.00	80.00	0.00105	-100.00	70.00	0.00121
-100.00	60.00	0.00140	-100.00	50.00	0.00164
-100.00	40.00	0.00196	-100.00	30.00	0.00239
-100.00	25.00	0.00267	-100.00	20.00	0.00300
-100.00	17.00	0.00324	-100.00	15.00	0.00342
-100.00	13.00	0.00362	-100.00	11.00	0.00386
-100.00	9.00	0.00416	-100.00	-9.00	0.00938
-100.00	-11.00	0.00916	-100.00	-13.00	0.00894
-100.00	-15.00	0.00873	-100.00	-17.00	0.00851
-100.00	-20.00	0.00819	-100.00	-25.00	0.00767
-100.00	-30.00	0.00715	-100.00	-40.00	0.00619
-100.00	-50.00	0.00534	-100.00	-60.00	0.00461
-100.00	-70.00	0.00397	-100.00	-80.00	0.00343
-100.00	-90.00	0.00297	-100.00	-100.00	0.00258

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59  
 \*\*MODELOPTS:  
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*



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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00082	-90.00	90.00	0.00093
-90.00	80.00	0.00105	-90.00	70.00	0.00121
-90.00	60.00	0.00141	-90.00	50.00	0.00165
-90.00	40.00	0.00198	-90.00	30.00	0.00242
-90.00	25.00	0.00270	-90.00	20.00	0.00303
-90.00	17.00	0.00327	-90.00	15.00	0.00345
-90.00	13.00	0.00366	-90.00	11.00	0.00390
-90.00	9.00	0.00420	-90.00	-9.00	0.00946
-90.00	-11.00	0.00923	-90.00	-13.00	0.00901
-90.00	-15.00	0.00880	-90.00	-17.00	0.00859
-90.00	-20.00	0.00828	-90.00	-25.00	0.00776
-90.00	-30.00	0.00725	-90.00	-40.00	0.00630
-90.00	-50.00	0.00546	-90.00	-60.00	0.00473
-90.00	-70.00	0.00410	-90.00	-80.00	0.00356
-90.00	-90.00	0.00310	-90.00	-100.00	0.00271
-80.00	100.00	0.00082	-80.00	90.00	0.00093
-80.00	80.00	0.00106	-80.00	70.00	0.00121
-80.00	60.00	0.00141	-80.00	50.00	0.00166
-80.00	40.00	0.00199	-80.00	30.00	0.00244
-80.00	25.00	0.00272	-80.00	20.00	0.00306
-80.00	17.00	0.00330	-80.00	15.00	0.00349
-80.00	13.00	0.00369	-80.00	11.00	0.00393
-80.00	9.00	0.00423	-80.00	-9.00	0.00954
-80.00	-11.00	0.00929	-80.00	-13.00	0.00908
-80.00	-15.00	0.00887	-80.00	-17.00	0.00866
-80.00	-20.00	0.00835	-80.00	-25.00	0.00784
-80.00	-30.00	0.00733	-80.00	-40.00	0.00639
-80.00	-50.00	0.00556	-80.00	-60.00	0.00483
-80.00	-70.00	0.00421	-80.00	-80.00	0.00367
-80.00	-90.00	0.00321	-80.00	-100.00	0.00282
-70.00	100.00	0.00082	-70.00	90.00	0.00093
-70.00	80.00	0.00106	-70.00	70.00	0.00122
-70.00	60.00	0.00142	-70.00	50.00	0.00167
-70.00	40.00	0.00201	-70.00	30.00	0.00246
-70.00	25.00	0.00274	-70.00	20.00	0.00309
-70.00	17.00	0.00333	-70.00	15.00	0.00352
-70.00	13.00	0.00372	-70.00	11.00	0.00396
-70.00	9.00	0.00426	-70.00	-9.00	0.00961
-70.00	-11.00	0.00935	-70.00	-13.00	0.00914
-70.00	-15.00	0.00893	-70.00	-17.00	0.00872

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 130

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00841	-70.00	-25.00	0.00790
-70.00	-30.00	0.00741	-70.00	-40.00	0.00647
-70.00	-50.00	0.00564	-70.00	-60.00	0.00492
-70.00	-70.00	0.00430	-70.00	-80.00	0.00377
-70.00	-90.00	0.00331	-70.00	-100.00	0.00292
-60.00	100.00	0.00082	-60.00	90.00	0.00093
-60.00	80.00	0.00106	-60.00	70.00	0.00122
-60.00	60.00	0.00142	-60.00	50.00	0.00168
-60.00	40.00	0.00202	-60.00	30.00	0.00247
-60.00	25.00	0.00276	-60.00	20.00	0.00311
-60.00	17.00	0.00336	-60.00	15.00	0.00354
-60.00	13.00	0.00375	-60.00	11.00	0.00399
-60.00	9.00	0.00429	-60.00	-9.00	0.00967
-60.00	-11.00	0.00940	-60.00	-13.00	0.00918
-60.00	-15.00	0.00898	-60.00	-17.00	0.00877
-60.00	-20.00	0.00846	-60.00	-25.00	0.00795
-60.00	-30.00	0.00746	-60.00	-40.00	0.00654
-60.00	-50.00	0.00572	-60.00	-60.00	0.00500
-60.00	-70.00	0.00438	-60.00	-80.00	0.00385
-60.00	-90.00	0.00340	-60.00	-100.00	0.00301
-50.00	100.00	0.00082	-50.00	90.00	0.00093
-50.00	80.00	0.00106	-50.00	70.00	0.00122
-50.00	60.00	0.00143	-50.00	50.00	0.00169
-50.00	40.00	0.00203	-50.00	30.00	0.00249
-50.00	25.00	0.00278	-50.00	20.00	0.00313
-50.00	17.00	0.00338	-50.00	15.00	0.00356
-50.00	13.00	0.00377	-50.00	11.00	0.00402
-50.00	9.00	0.00432	-50.00	-9.00	0.00973
-50.00	-11.00	0.00947	-50.00	-13.00	0.00921
-50.00	-15.00	0.00902	-50.00	-17.00	0.00882
-50.00	-20.00	0.00851	-50.00	-25.00	0.00800
-50.00	-30.00	0.00751	-50.00	-40.00	0.00660
-50.00	-50.00	0.00578	-50.00	-60.00	0.00507
-50.00	-70.00	0.00445	-50.00	-80.00	0.00393

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-90.00	0.00347	-50.00	-100.00	0.00308
-40.00	100.00	0.00081	-40.00	90.00	0.00092
-40.00	80.00	0.00106	-40.00	70.00	0.00122
-40.00	60.00	0.00143	-40.00	50.00	0.00169
-40.00	40.00	0.00203	-40.00	30.00	0.00250
-40.00	25.00	0.00279	-40.00	20.00	0.00314

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 131

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00339	-40.00	15.00	0.00358
-40.00	13.00	0.00379	-40.00	11.00	0.00404
-40.00	9.00	0.00435	-40.00	-9.00	0.00971
-40.00	-11.00	0.00951	-40.00	-13.00	0.00928
-40.00	-15.00	0.00906	-40.00	-17.00	0.00886
-40.00	-20.00	0.00855	-40.00	-25.00	0.00805
-40.00	-30.00	0.00756	-40.00	-40.00	0.00665
-40.00	-50.00	0.00584	-40.00	-60.00	0.00513
-40.00	-70.00	0.00451	-40.00	-80.00	0.00399
-40.00	-90.00	0.00354	-40.00	-100.00	0.00315
-30.00	100.00	0.00081	-30.00	90.00	0.00092
-30.00	80.00	0.00105	-30.00	70.00	0.00122
-30.00	60.00	0.00143	-30.00	50.00	0.00169
-30.00	40.00	0.00204	-30.00	30.00	0.00251
-30.00	25.00	0.00280	-30.00	20.00	0.00316
-30.00	17.00	0.00341	-30.00	15.00	0.00360
-30.00	13.00	0.00381	-30.00	11.00	0.00406
-30.00	9.00	0.00437	-30.00	-9.00	0.00969
-30.00	-11.00	0.00948	-30.00	-13.00	0.00929
-30.00	-15.00	0.00909	-30.00	-17.00	0.00890
-30.00	-20.00	0.00860	-30.00	-25.00	0.00810
-30.00	-30.00	0.00760	-30.00	-40.00	0.00669
-30.00	-50.00	0.00588	-30.00	-60.00	0.00518
-30.00	-70.00	0.00457	-30.00	-80.00	0.00405
-30.00	-90.00	0.00360	-30.00	-100.00	0.00321
-20.00	100.00	0.00081	-20.00	90.00	0.00092
-20.00	80.00	0.00105	-20.00	70.00	0.00122
-20.00	60.00	0.00143	-20.00	50.00	0.00170

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	40.00	0.00205	-20.00	30.00	0.00252
-20.00	25.00	0.00281	-20.00	20.00	0.00317
-20.00	17.00	0.00342	-20.00	15.00	0.00361
-20.00	13.00	0.00382	-20.00	11.00	0.00407
-20.00	9.00	0.00438	-20.00	-9.00	0.00972
-20.00	-11.00	0.00950	-20.00	-13.00	0.00930
-20.00	-15.00	0.00911	-20.00	-17.00	0.00891
-20.00	-20.00	0.00861	-20.00	-25.00	0.00812
-20.00	-30.00	0.00764	-20.00	-40.00	0.00673
-20.00	-50.00	0.00592	-20.00	-60.00	0.00522
-20.00	-70.00	0.00461	-20.00	-80.00	0.00410
-20.00	-90.00	0.00365	-20.00	-100.00	0.00326

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 132

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00080	-10.00	90.00	0.00091
-10.00	80.00	0.00105	-10.00	70.00	0.00121
-10.00	60.00	0.00143	-10.00	50.00	0.00170
-10.00	40.00	0.00205	-10.00	30.00	0.00252
-10.00	25.00	0.00282	-10.00	20.00	0.00318
-10.00	17.00	0.00343	-10.00	15.00	0.00362
-10.00	13.00	0.00383	-10.00	11.00	0.00408
-10.00	9.00	0.00439	-10.00	-9.00	0.00974
-10.00	-11.00	0.00953	-10.00	-13.00	0.00932
-10.00	-15.00	0.00913	-10.00	-17.00	0.00893
-10.00	-20.00	0.00863	-10.00	-25.00	0.00814
-10.00	-30.00	0.00767	-10.00	-40.00	0.00677
-10.00	-50.00	0.00596	-10.00	-60.00	0.00526
-10.00	-70.00	0.00466	-10.00	-80.00	0.00414
-10.00	-90.00	0.00369	-10.00	-100.00	0.00331
0.00	100.00	0.00079	0.00	90.00	0.00091
0.00	80.00	0.00104	0.00	70.00	0.00121
0.00	60.00	0.00142	0.00	50.00	0.00170
0.00	40.00	0.00205	0.00	30.00	0.00253
0.00	25.00	0.00283	0.00	20.00	0.00318
0.00	17.00	0.00344	0.00	15.00	0.00363
0.00	13.00	0.00384	0.00	11.00	0.00409

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	9.00	0.00440	0.00	-9.00	0.00976
0.00	-11.00	0.00954	0.00	-13.00	0.00934
0.00	-15.00	0.00914	0.00	-17.00	0.00894
0.00	-20.00	0.00865	0.00	-25.00	0.00816
0.00	-30.00	0.00769	0.00	-40.00	0.00679
0.00	-50.00	0.00599	0.00	-60.00	0.00529
0.00	-70.00	0.00469	0.00	-80.00	0.00418
0.00	-90.00	0.00373	0.00	-100.00	0.00335
10.00	100.00	0.00079	10.00	90.00	0.00090
10.00	80.00	0.00103	10.00	70.00	0.00120
10.00	60.00	0.00142	10.00	50.00	0.00169
10.00	40.00	0.00205	10.00	30.00	0.00253
10.00	25.00	0.00283	10.00	20.00	0.00319
10.00	17.00	0.00344	10.00	15.00	0.00363
10.00	13.00	0.00385	10.00	11.00	0.00410
10.00	9.00	0.00440	10.00	-9.00	0.00980
10.00	-11.00	0.00956	10.00	-13.00	0.00936
10.00	-15.00	0.00916	10.00	-17.00	0.00896

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59  
 \*\*MODELOPTs:  
 PAGE 133

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00866	10.00	-25.00	0.00818
10.00	-30.00	0.00771	10.00	-40.00	0.00682
10.00	-50.00	0.00602	10.00	-60.00	0.00532
10.00	-70.00	0.00472	10.00	-80.00	0.00421
10.00	-90.00	0.00377	10.00	-100.00	0.00339
20.00	100.00	0.00078	20.00	90.00	0.00089
20.00	80.00	0.00103	20.00	70.00	0.00120
20.00	60.00	0.00141	20.00	50.00	0.00169
20.00	40.00	0.00205	20.00	30.00	0.00253
20.00	25.00	0.00283	20.00	20.00	0.00319
20.00	17.00	0.00345	20.00	15.00	0.00364
20.00	13.00	0.00385	20.00	11.00	0.00410
20.00	9.00	0.00441	20.00	-9.00	0.00983
20.00	-11.00	0.00958	20.00	-13.00	0.00937
20.00	-15.00	0.00918	20.00	-17.00	0.00898
20.00	-20.00	0.00868	20.00	-25.00	0.00819

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-30.00	0.00772	20.00	-40.00	0.00684
20.00	-50.00	0.00604	20.00	-60.00	0.00535
20.00	-70.00	0.00475	20.00	-80.00	0.00424
20.00	-90.00	0.00380	20.00	-100.00	0.00342
30.00	100.00	0.00077	30.00	90.00	0.00088
30.00	80.00	0.00102	30.00	70.00	0.00119
30.00	60.00	0.00140	30.00	50.00	0.00168
30.00	40.00	0.00204	30.00	30.00	0.00252
30.00	25.00	0.00283	30.00	20.00	0.00319
30.00	17.00	0.00345	30.00	15.00	0.00364
30.00	13.00	0.00386	30.00	11.00	0.00410
30.00	9.00	0.00441	30.00	-9.00	0.00985
30.00	-11.00	0.00959	30.00	-13.00	0.00938
30.00	-15.00	0.00919	30.00	-17.00	0.00899
30.00	-20.00	0.00869	30.00	-25.00	0.00820
30.00	-30.00	0.00773	30.00	-40.00	0.00685
30.00	-50.00	0.00606	30.00	-60.00	0.00537
30.00	-70.00	0.00478	30.00	-80.00	0.00427
30.00	-90.00	0.00383	30.00	-100.00	0.00345
40.00	100.00	0.00076	40.00	90.00	0.00087
40.00	80.00	0.00101	40.00	70.00	0.00118
40.00	60.00	0.00139	40.00	50.00	0.00167
40.00	40.00	0.00204	40.00	30.00	0.00252
40.00	25.00	0.00283	40.00	20.00	0.00319

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 134

CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00345	40.00	15.00	0.00364
40.00	13.00	0.00386	40.00	11.00	0.00411
40.00	9.00	0.00442	40.00	-9.00	0.00988
40.00	-11.00	0.00963	40.00	-13.00	0.00938
40.00	-15.00	0.00919	40.00	-17.00	0.00900
40.00	-20.00	0.00871	40.00	-25.00	0.00821
40.00	-30.00	0.00774	40.00	-40.00	0.00687
40.00	-50.00	0.00608	40.00	-60.00	0.00539
40.00	-70.00	0.00480	40.00	-80.00	0.00429
40.00	-90.00	0.00385	40.00	-100.00	0.00348

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

50.00	100.00	0.00075	50.00	90.00	0.00086
50.00	80.00	0.00100	50.00	70.00	0.00117
50.00	60.00	0.00138	50.00	50.00	0.00166
50.00	40.00	0.00203	50.00	30.00	0.00251
50.00	25.00	0.00282	50.00	20.00	0.00319
50.00	17.00	0.00344	50.00	15.00	0.00363
50.00	13.00	0.00385	50.00	11.00	0.00411
50.00	9.00	0.00443	50.00	-9.00	0.00984
50.00	-11.00	0.00964	50.00	-13.00	0.00942
50.00	-15.00	0.00920	50.00	-17.00	0.00901
50.00	-20.00	0.00871	50.00	-25.00	0.00823
50.00	-30.00	0.00775	50.00	-40.00	0.00687
50.00	-50.00	0.00609	50.00	-60.00	0.00540
50.00	-70.00	0.00481	50.00	-80.00	0.00431
50.00	-90.00	0.00387	50.00	-100.00	0.00350
60.00	100.00	0.00074	60.00	90.00	0.00085
60.00	80.00	0.00098	60.00	70.00	0.00115
60.00	60.00	0.00137	60.00	50.00	0.00165
60.00	40.00	0.00202	60.00	30.00	0.00250
60.00	25.00	0.00281	60.00	20.00	0.00318
60.00	17.00	0.00344	60.00	15.00	0.00363
60.00	13.00	0.00385	60.00	11.00	0.00410
60.00	9.00	0.00442	60.00	-9.00	0.00979
60.00	-11.00	0.00959	60.00	-13.00	0.00940
60.00	-15.00	0.00921	60.00	-17.00	0.00902
60.00	-20.00	0.00872	60.00	-25.00	0.00824
60.00	-30.00	0.00776	60.00	-40.00	0.00688
60.00	-50.00	0.00610	60.00	-60.00	0.00542
60.00	-70.00	0.00483	60.00	-80.00	0.00432
60.00	-90.00	0.00389	60.00	-100.00	0.00352

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 135

CONC      URBAN FLAT      FLGPOL DFAULT

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

** CONC OF OTHER      IN MICROGRAMS/M**3      **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00072	70.00	90.00	0.00083
70.00	80.00	0.00097	70.00	70.00	0.00114
70.00	60.00	0.00135	70.00	50.00	0.00163
70.00	40.00	0.00200	70.00	30.00	0.00249

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	25.00	0.00280	70.00	20.00	0.00317
70.00	17.00	0.00343	70.00	15.00	0.00362
70.00	13.00	0.00384	70.00	11.00	0.00409
70.00	9.00	0.00441	70.00	-9.00	0.00979
70.00	-11.00	0.00958	70.00	-13.00	0.00939
70.00	-15.00	0.00919	70.00	-17.00	0.00900
70.00	-20.00	0.00871	70.00	-25.00	0.00824
70.00	-30.00	0.00777	70.00	-40.00	0.00689
70.00	-50.00	0.00610	70.00	-60.00	0.00542
70.00	-70.00	0.00484	70.00	-80.00	0.00434
70.00	-90.00	0.00391	70.00	-100.00	0.00353
80.00	100.00	0.00070	80.00	90.00	0.00081
80.00	80.00	0.00095	80.00	70.00	0.00112
80.00	60.00	0.00133	80.00	50.00	0.00161
80.00	40.00	0.00198	80.00	30.00	0.00248
80.00	25.00	0.00279	80.00	20.00	0.00315
80.00	17.00	0.00342	80.00	15.00	0.00361
80.00	13.00	0.00383	80.00	11.00	0.00408
80.00	9.00	0.00440	80.00	-9.00	0.00978
80.00	-11.00	0.00958	80.00	-13.00	0.00938
80.00	-15.00	0.00919	80.00	-17.00	0.00900
80.00	-20.00	0.00871	80.00	-25.00	0.00823
80.00	-30.00	0.00776	80.00	-40.00	0.00689
80.00	-50.00	0.00611	80.00	-60.00	0.00543
80.00	-70.00	0.00485	80.00	-80.00	0.00435
80.00	-90.00	0.00392	80.00	-100.00	0.00355
90.00	100.00	0.00068	90.00	90.00	0.00079
90.00	80.00	0.00093	90.00	70.00	0.00110
90.00	60.00	0.00131	90.00	50.00	0.00159
90.00	40.00	0.00196	90.00	30.00	0.00246
90.00	25.00	0.00277	90.00	20.00	0.00314
90.00	17.00	0.00340	90.00	15.00	0.00359
90.00	13.00	0.00381	90.00	11.00	0.00407
90.00	9.00	0.00438	90.00	-9.00	0.00979
90.00	-11.00	0.00957	90.00	-13.00	0.00937
90.00	-15.00	0.00918	90.00	-17.00	0.00898

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 136

CONC      URBAN FLAT      FLGPOL      DFAULT

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



10NCRA PL97-300 DPM TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00870	90.00	-25.00	0.00822
90.00	-30.00	0.00776	90.00	-40.00	0.00689
90.00	-50.00	0.00611	90.00	-60.00	0.00543
90.00	-70.00	0.00485	90.00	-80.00	0.00436
90.00	-90.00	0.00393	90.00	-100.00	0.00356
100.00	100.00	0.00066	100.00	90.00	0.00077
100.00	80.00	0.00091	100.00	70.00	0.00107
100.00	60.00	0.00129	100.00	50.00	0.00157
100.00	40.00	0.00193	100.00	30.00	0.00243
100.00	25.00	0.00274	100.00	20.00	0.00312
100.00	17.00	0.00338	100.00	15.00	0.00357
100.00	13.00	0.00379	100.00	11.00	0.00405
100.00	9.00	0.00436	100.00	-9.00	0.00980
100.00	-11.00	0.00956	100.00	-13.00	0.00936
100.00	-15.00	0.00917	100.00	-17.00	0.00897
100.00	-20.00	0.00868	100.00	-25.00	0.00821
100.00	-30.00	0.00775	100.00	-40.00	0.00688
100.00	-50.00	0.00611	100.00	-60.00	0.00544
100.00	-70.00	0.00486	100.00	-80.00	0.00436
100.00	-90.00	0.00393	100.00	-100.00	0.00357
110.00	100.00	0.00064	110.00	90.00	0.00074
110.00	80.00	0.00088	110.00	70.00	0.00105
110.00	60.00	0.00126	110.00	50.00	0.00153
110.00	40.00	0.00190	110.00	30.00	0.00240
110.00	25.00	0.00271	110.00	20.00	0.00309
110.00	17.00	0.00335	110.00	15.00	0.00355
110.00	13.00	0.00377	110.00	11.00	0.00402
110.00	9.00	0.00433	110.00	-9.00	0.00980
110.00	-11.00	0.00955	110.00	-13.00	0.00935
110.00	-15.00	0.00916	110.00	-17.00	0.00896
110.00	-20.00	0.00867	110.00	-25.00	0.00819
110.00	-30.00	0.00774	110.00	-40.00	0.00687
110.00	-50.00	0.00610	110.00	-60.00	0.00543
110.00	-70.00	0.00486	110.00	-80.00	0.00436
110.00	-90.00	0.00394	110.00	-100.00	0.00357
120.00	100.00	0.00061	120.00	90.00	0.00071
120.00	80.00	0.00085	120.00	70.00	0.00102
120.00	60.00	0.00123	120.00	50.00	0.00150
120.00	40.00	0.00186	120.00	30.00	0.00236
120.00	25.00	0.00268	120.00	20.00	0.00306

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:  
PAGE 137

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00332	120.00	15.00	0.00352
120.00	13.00	0.00374	120.00	11.00	0.00399
120.00	9.00	0.00430	120.00	-9.00	0.00979
120.00	-11.00	0.00954	120.00	-13.00	0.00933
120.00	-15.00	0.00914	120.00	-17.00	0.00895
120.00	-20.00	0.00865	120.00	-25.00	0.00817
120.00	-30.00	0.00772	120.00	-40.00	0.00686
120.00	-50.00	0.00609	120.00	-60.00	0.00543
120.00	-70.00	0.00486	120.00	-80.00	0.00436
120.00	-90.00	0.00394	120.00	-100.00	0.00357
130.00	100.00	0.00057	130.00	90.00	0.00068
130.00	80.00	0.00081	130.00	70.00	0.00098
130.00	60.00	0.00119	130.00	50.00	0.00146
130.00	40.00	0.00182	130.00	30.00	0.00231
130.00	25.00	0.00263	130.00	20.00	0.00301
130.00	17.00	0.00328	130.00	15.00	0.00348
130.00	13.00	0.00370	130.00	11.00	0.00396
130.00	9.00	0.00428	130.00	-9.00	0.00978
130.00	-11.00	0.00954	130.00	-13.00	0.00930
130.00	-15.00	0.00911	130.00	-17.00	0.00892
130.00	-20.00	0.00863	130.00	-25.00	0.00815
130.00	-30.00	0.00769	130.00	-40.00	0.00684
130.00	-50.00	0.00608	130.00	-60.00	0.00542
130.00	-70.00	0.00485	130.00	-80.00	0.00436
130.00	-90.00	0.00394	130.00	-100.00	0.00358
140.00	100.00	0.00054	140.00	90.00	0.00064
140.00	80.00	0.00077	140.00	70.00	0.00093
140.00	60.00	0.00114	140.00	50.00	0.00141
140.00	40.00	0.00177	140.00	30.00	0.00226
140.00	25.00	0.00258	140.00	20.00	0.00296
140.00	17.00	0.00323	140.00	15.00	0.00343
140.00	13.00	0.00365	140.00	11.00	0.00392
140.00	9.00	0.00424	140.00	-9.00	0.00971
140.00	-11.00	0.00951	140.00	-13.00	0.00930
140.00	-15.00	0.00908	140.00	-17.00	0.00889
140.00	-20.00	0.00861	140.00	-25.00	0.00813

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-30.00	0.00767	140.00	-40.00	0.00682
140.00	-50.00	0.00607	140.00	-60.00	0.00541
140.00	-70.00	0.00484	140.00	-80.00	0.00435
140.00	-90.00	0.00393	140.00	-100.00	0.00357

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 138  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00051	150.00	90.00	0.00060
150.00	80.00	0.00072	150.00	70.00	0.00088
150.00	60.00	0.00108	150.00	50.00	0.00135
150.00	40.00	0.00171	150.00	30.00	0.00219
150.00	25.00	0.00251	150.00	20.00	0.00289
150.00	17.00	0.00316	150.00	15.00	0.00337
150.00	13.00	0.00359	150.00	11.00	0.00386
150.00	9.00	0.00419	150.00	-9.00	0.00961
150.00	-11.00	0.00942	150.00	-13.00	0.00923
150.00	-15.00	0.00905	150.00	-17.00	0.00886
150.00	-20.00	0.00858	150.00	-25.00	0.00811
150.00	-30.00	0.00764	150.00	-40.00	0.00680
150.00	-50.00	0.00605	150.00	-60.00	0.00539
150.00	-70.00	0.00482	150.00	-80.00	0.00434
150.00	-90.00	0.00393	150.00	-100.00	0.00357
160.00	100.00	0.00047	160.00	90.00	0.00056
160.00	80.00	0.00067	160.00	70.00	0.00082
160.00	60.00	0.00101	160.00	50.00	0.00128
160.00	40.00	0.00163	160.00	30.00	0.00211
160.00	25.00	0.00242	160.00	20.00	0.00281
160.00	17.00	0.00308	160.00	15.00	0.00329
160.00	13.00	0.00352	160.00	11.00	0.00378
160.00	9.00	0.00411	160.00	-9.00	0.00957
160.00	-11.00	0.00936	160.00	-13.00	0.00917
160.00	-15.00	0.00899	160.00	-17.00	0.00880
160.00	-20.00	0.00852	160.00	-25.00	0.00806
160.00	-30.00	0.00761	160.00	-40.00	0.00677
160.00	-50.00	0.00602	160.00	-60.00	0.00537
160.00	-70.00	0.00481	160.00	-80.00	0.00433
160.00	-90.00	0.00391	160.00	-100.00	0.00355

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

170.00	100.00	0.00044	170.00	90.00	0.00052
170.00	80.00	0.00062	170.00	70.00	0.00075
170.00	60.00	0.00094	170.00	50.00	0.00119
170.00	40.00	0.00154	170.00	30.00	0.00201
170.00	25.00	0.00232	170.00	20.00	0.00270
170.00	17.00	0.00297	170.00	15.00	0.00318
170.00	13.00	0.00341	170.00	11.00	0.00368
170.00	9.00	0.00401	170.00	-9.00	0.00950
170.00	-11.00	0.00930	170.00	-13.00	0.00911
170.00	-15.00	0.00892	170.00	-17.00	0.00874

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 139

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00846	170.00	-25.00	0.00801
170.00	-30.00	0.00756	170.00	-40.00	0.00673
170.00	-50.00	0.00599	170.00	-60.00	0.00534
170.00	-70.00	0.00478	170.00	-80.00	0.00430
170.00	-90.00	0.00389	170.00	-100.00	0.00353
180.00	100.00	0.00040	180.00	90.00	0.00047
180.00	80.00	0.00056	180.00	70.00	0.00069
180.00	60.00	0.00085	180.00	50.00	0.00108
180.00	40.00	0.00142	180.00	30.00	0.00189
180.00	25.00	0.00219	180.00	20.00	0.00257
180.00	17.00	0.00284	180.00	15.00	0.00304
180.00	13.00	0.00328	180.00	11.00	0.00355
180.00	9.00	0.00389	180.00	-9.00	0.00943
180.00	-11.00	0.00922	180.00	-13.00	0.00903
180.00	-15.00	0.00885	180.00	-17.00	0.00866
180.00	-20.00	0.00840	180.00	-25.00	0.00795
180.00	-30.00	0.00751	180.00	-40.00	0.00668
180.00	-50.00	0.00595	180.00	-60.00	0.00530
180.00	-70.00	0.00475	180.00	-80.00	0.00427
180.00	-90.00	0.00386	180.00	-100.00	0.00351
190.00	100.00	0.00037	190.00	90.00	0.00043
190.00	80.00	0.00051	190.00	70.00	0.00062
190.00	60.00	0.00077	190.00	50.00	0.00097
190.00	40.00	0.00127	190.00	30.00	0.00172

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	25.00	0.00203	190.00	20.00	0.00240
190.00	17.00	0.00266	190.00	15.00	0.00287
190.00	13.00	0.00310	190.00	11.00	0.00338
190.00	9.00	0.00372	190.00	-9.00	0.00935
190.00	-11.00	0.00913	190.00	-13.00	0.00895
190.00	-15.00	0.00876	190.00	-17.00	0.00858
190.00	-20.00	0.00831	190.00	-25.00	0.00788
190.00	-30.00	0.00744	190.00	-40.00	0.00663
190.00	-50.00	0.00589	190.00	-60.00	0.00525
190.00	-70.00	0.00470	190.00	-80.00	0.00423
190.00	-90.00	0.00382	190.00	-100.00	0.00348
200.00	100.00	0.00034	200.00	90.00	0.00040
200.00	80.00	0.00047	200.00	70.00	0.00056
200.00	60.00	0.00068	200.00	50.00	0.00086
200.00	40.00	0.00111	200.00	30.00	0.00151
200.00	25.00	0.00180	200.00	20.00	0.00217

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

11:04:59

\*\*MODELOPTs:  
 PAGE 140

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West 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
200.00	17.00	0.00244	200.00	15.00	0.00264
200.00	13.00	0.00287	200.00	11.00	0.00315
200.00	9.00	0.00349	200.00	-9.00	0.00925
200.00	-11.00	0.00902	200.00	-13.00	0.00884
200.00	-15.00	0.00867	200.00	-17.00	0.00849
200.00	-20.00	0.00822	200.00	-25.00	0.00778
200.00	-30.00	0.00736	200.00	-40.00	0.00655
200.00	-50.00	0.00582	200.00	-60.00	0.00518
200.00	-70.00	0.00464	200.00	-80.00	0.00417
200.00	-90.00	0.00378	200.00	-100.00	0.00344
210.00	100.00	0.00032	210.00	90.00	0.00037
210.00	80.00	0.00043	210.00	70.00	0.00051
210.00	60.00	0.00061	210.00	50.00	0.00076
210.00	40.00	0.00097	210.00	30.00	0.00129
210.00	25.00	0.00153	210.00	20.00	0.00185
210.00	17.00	0.00211	210.00	15.00	0.00231
210.00	13.00	0.00254	210.00	11.00	0.00282
210.00	9.00	0.00317	210.00	-9.00	0.00912

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	-11.00	0.00890	210.00	-13.00	0.00872
210.00	-15.00	0.00855	210.00	-17.00	0.00838
210.00	-20.00	0.00811	210.00	-25.00	0.00767
210.00	-30.00	0.00724	210.00	-40.00	0.00643
210.00	-50.00	0.00571	210.00	-60.00	0.00509
210.00	-70.00	0.00456	210.00	-80.00	0.00411
210.00	-90.00	0.00372	210.00	-100.00	0.00339
220.00	100.00	0.00030	220.00	90.00	0.00035
220.00	80.00	0.00040	220.00	70.00	0.00047
220.00	60.00	0.00056	220.00	50.00	0.00068
220.00	40.00	0.00086	220.00	30.00	0.00111
220.00	25.00	0.00130	220.00	20.00	0.00155
220.00	17.00	0.00175	220.00	15.00	0.00191
220.00	13.00	0.00210	220.00	11.00	0.00234
220.00	9.00	0.00266	220.00	-9.00	0.00895
220.00	-11.00	0.00873	220.00	-13.00	0.00851
220.00	-15.00	0.00835	220.00	-17.00	0.00818
220.00	-20.00	0.00792	220.00	-25.00	0.00748
220.00	-30.00	0.00705	220.00	-40.00	0.00626
220.00	-50.00	0.00557	220.00	-60.00	0.00497
220.00	-70.00	0.00445	220.00	-80.00	0.00402
220.00	-90.00	0.00364	220.00	-100.00	0.00332

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

11:04:59

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:  
 PAGE 141

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00029	230.00	90.00	0.00033
230.00	80.00	0.00038	230.00	70.00	0.00044
230.00	60.00	0.00052	230.00	50.00	0.00063
230.00	40.00	0.00079	230.00	30.00	0.00101
230.00	25.00	0.00118	230.00	20.00	0.00140
230.00	17.00	0.00157	230.00	15.00	0.00170
230.00	13.00	0.00187	230.00	11.00	0.00207
230.00	9.00	0.00232	230.00	-9.00	0.00788
230.00	-11.00	0.00792	230.00	-13.00	0.00785
230.00	-15.00	0.00774	230.00	-17.00	0.00763
230.00	-20.00	0.00743	230.00	-25.00	0.00706
230.00	-30.00	0.00668	230.00	-40.00	0.00597

10NCRA\_PL97-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-50.00	0.00534	230.00	-60.00	0.00478
230.00	-70.00	0.00430	230.00	-80.00	0.00389
230.00	-90.00	0.00354	230.00	-100.00	0.00324
240.00	100.00	0.00028	240.00	90.00	0.00031
240.00	80.00	0.00036	240.00	70.00	0.00042
240.00	60.00	0.00050	240.00	50.00	0.00060
240.00	40.00	0.00074	240.00	30.00	0.00095
240.00	25.00	0.00109	240.00	20.00	0.00129
240.00	17.00	0.00144	240.00	15.00	0.00156
240.00	13.00	0.00171	240.00	11.00	0.00189
240.00	9.00	0.00210	240.00	-9.00	0.00560
240.00	-11.00	0.00589	240.00	-13.00	0.00611
240.00	-15.00	0.00626	240.00	-17.00	0.00634
240.00	-20.00	0.00637	240.00	-25.00	0.00626
240.00	-30.00	0.00603	240.00	-40.00	0.00552
240.00	-50.00	0.00500	240.00	-60.00	0.00452
240.00	-70.00	0.00410	240.00	-80.00	0.00373
240.00	-90.00	0.00341	240.00	-100.00	0.00313
250.00	100.00	0.00027	250.00	90.00	0.00030
250.00	80.00	0.00034	250.00	70.00	0.00040
250.00	60.00	0.00047	250.00	50.00	0.00056
250.00	40.00	0.00069	250.00	30.00	0.00088
250.00	25.00	0.00101	250.00	20.00	0.00118
250.00	17.00	0.00132	250.00	15.00	0.00142
250.00	13.00	0.00154	250.00	11.00	0.00169
250.00	9.00	0.00185	250.00	-9.00	0.00405
250.00	-11.00	0.00428	250.00	-13.00	0.00448
250.00	-15.00	0.00466	250.00	-17.00	0.00481

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

11:04:59  
 \*\*MODELOPTs:  
 PAGE 142

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
250.00	-20.00	0.00499	250.00	-25.00	0.00514
250.00	-30.00	0.00515	250.00	-40.00	0.00492
250.00	-50.00	0.00457	250.00	-60.00	0.00420
250.00	-70.00	0.00385	250.00	-80.00	0.00354
250.00	-90.00	0.00325	250.00	-100.00	0.00300

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

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 143

CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00777 AT ( 220.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00777 AT ( 210.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT ( 200.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00751 AT ( 220.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748 AT ( 210.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00743 AT ( 190.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00735 AT ( 200.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00725 AT ( 220.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00724 AT ( 210.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00711 AT ( 190.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00777 AT ( 130.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00777 AT ( 120.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT ( 110.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00751 AT ( 130.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748 AT ( 120.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00743 AT ( 100.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00735 AT ( 110.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00725 AT ( 130.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00724 AT ( 120.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00711 AT ( 100.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00777 AT ( 40.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00777 AT ( 30.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT ( 20.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00751 AT ( 40.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748 AT ( 30.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00743 AT ( 10.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00735 AT ( 20.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00725 AT ( 40.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00724 AT ( 30.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00711 AT ( 10.00, -11.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

11:04:59

\*\*MODELOPTs:

PAGE 144

CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00777 AT ( -50.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00777 AT ( -60.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT ( -70.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00751 AT ( -50.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748 AT ( -60.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00743 AT ( -80.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00735 AT ( -70.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00725 AT ( -50.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00724 AT ( -60.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00711 AT ( -80.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00777 AT ( -140.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00777 AT ( -150.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00765 AT ( -160.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00751 AT ( -140.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00748 AT ( -150.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00743 AT ( -170.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00735 AT ( -160.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00725 AT ( -140.00, -13.00, 0.00, 1.20)	DC	NA



		10NCRA_PL97-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00724	AT (	-150.00,	-13.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00711	AT (	-170.00,	-11.00,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.00988	AT (	40.00,	-9.00,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.00985	AT (	30.00,	-9.00,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.00984	AT (	50.00,	-9.00,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.00983	AT (	20.00,	-9.00,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.00980	AT (	10.00,	-9.00,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.00980	AT (	100.00,	-9.00,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.00980	AT (	110.00,	-9.00,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.00979	AT (	70.00,	-9.00,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.00979	AT (	120.00,	-9.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00979	AT (	60.00,	-9.00,	0.00,	1.20)	DC	NA	

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

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

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

11:04:59

\*\*MODELOPTs:  
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

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