

Appendix 9.11

MOBILE Input and Output Files

MOBILE Input and Output Files

Following are 3 examples of input files to run MOBILE6, one for Harris County, one for an urban county (Galveston) and the other one for a rural county (Liberty). These examples are for the year 2007. The rural counties differ from the urban counties because they do not have I/M requirements. The urban counties are: Brazoria, Fort Bend, Galveston, and Montgomery. The rural counties are: Chambers, Liberty and Waller.

Also attached, we have included a part of an output file. Please note that the format of all input and output files have been modified in order to fit the page size limitation.

To view all the input and output files, please refer to the conformity CD-ROM.

2007 Harris County input to POLFAC63_3

MOBILE6 INPUT FILE :

> 30aug2007harr Wednesday
> RATE FORMAT : 3
> ATP2

RUN DATA :
EXPRESS HC AS VOC :
NO REFUELING :

REG DIST : G:\mcrCON\MOB6in\ext\harr2004.rgd
WE DA TRI LEN DI : G:\mcrCON\MOB6in\ext\HG07.tld
VMT BY HOUR : G:\mcrCON\MOB6in\ext\harr07wk.vhr

* 2007 Statewide Diesel Sales Fractions Estimates
* HDV fractions are estimated from TxDOT registration data (Mid-year July 2004)
* LDV, LDT and Bus fractions are EPA defaults
* One record per vehicle type. The order of vehicle types is: LDV, LDT1, LDT2, LDT3, LDT4, HDV2B, HDV3, HDV4, HDV5, HDV6, HDV7, HDV8a, HDV8b, HDBS

DIESEL FRACTIONS :
0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00060 0.00010 0.00030 0.00060 0.00130 0.00040
0.00040 0.00010 0.00270 0.00320 0.00970 0.01620 0.02410
0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00070 0.00330 0.00480 0.01200 0.02230
0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00070 0.00330 0.00480 0.01200 0.02230
0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01150 0.01110 0.01450 0.01150 0.01290 0.00960
0.00830 0.00720 0.00820 0.01240 0.01350 0.01690 0.02090
0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01150 0.01110 0.01450 0.01150 0.01290 0.00960
0.00830 0.00720 0.00820 0.01240 0.01350 0.01690 0.02090
0.88563 0.88563 0.88563 0.88563 0.81309 0.77966 0.72044 0.59186 0.63002 0.54190 0.46056 0.43055 0.20553 0.38983 0.37310 0.34438 0.35788 0.27757
0.22879 0.18284 0.15413 0.19001 0.17778 0.19679 0.17158
0.72198 0.72198 0.72198 0.72198 0.65470 0.64998 0.63211 0.64506 0.61992 0.49298 0.57222 0.53758 0.33289 0.54565 0.57020 0.61950 0.49214 0.52674
0.46608 0.35632 0.27254 0.31264 0.21457 0.23404 0.19136
0.81565 0.81565 0.81565 0.81565 0.72670 0.69889 0.70449 0.71724 0.64706 0.68324 0.74152 0.65808 0.44894 0.67123 0.67488 0.64012 0.72156 0.55718
0.61592 0.29545 0.25161 0.11336 0.12227 0.21429 0.18182
0.87557 0.87557 0.87557 0.87557 0.86605 0.88606 0.85864 0.89074 0.86116 0.70180 0.72335 0.79849 0.47491 0.66552 0.72481 0.65278 0.73464 0.60057
0.59797 0.34050 0.35968 0.23649 0.30435 0.25000 0.30189
0.87680 0.87680 0.87680 0.87680 0.90476 0.91638 0.87145 0.86580 0.82740 0.79135 0.76770 0.80283 0.59535 0.78600 0.77429 0.59492 0.67919 0.73922
0.73063 0.57382 0.65900 0.56172 0.46842 0.46250 0.42308
0.94783 0.94783 0.94783 0.94783 0.98257 0.90545 0.89330 0.90961 0.89110 0.84945 0.78594 0.81909 0.53993 0.82827 0.85079 0.88206 0.86895 0.84016
0.85782 0.81713 0.83038 0.78906 0.75852 0.72185 0.68944
0.94693 0.94693 0.94693 0.94693 0.96067 0.95596 0.94286 0.93528 0.95292 0.95020 0.90000 0.92354 0.73845 0.96314 0.94870 0.95054 0.93254 0.93707
0.94532 0.95140 0.94860 0.91219 0.91164 0.94034 0.90625
0.98522 0.98522 0.98522 0.98522 0.98188 0.98089 0.98964 0.98790 0.97927 0.97708 0.95161 0.99275 0.79417 0.96019 0.98762 0.96552 0.99248 0.93578
0.96970 0.96104 0.97826 0.92188 0.92683 0.96386 0.95000
0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.88570 0.85250 0.87950 0.99000 0.91050 0.87600
0.77100 0.75020 0.73450 0.67330 0.51550 0.38450 0.32380

> ATP2 (MY 84:05); Harris
ANTI-TAMP PROG :
84 84 05 22222 22222222 2 11 096. 22112222
I/M DESC FILE : G:\mcrCON\MOB6in\ext\H07.im

SCENARIO RECORD : harr30aug
CALENDAR YEAR : 2007
EVALUATION MONTH : 7
FUEL PROGRAM : 2 S
FUEL RVP : 6.8

* Harris Wednesday August 30
SUNRISE/SUNSET : 7 8
HOURLY TEMPERATURES: 78.2 78.8 80.8 83.9 87.4 90.6 93.8 96.6 98.6 100.3 101.0 100.5
98.5 94.5 90.4 88.0 86.4 85.2 80.7 80.0 79.2 78.5 78.1 78.0
RELATIVE HUMIDITY : 93.7 90.4 82.0 71.2 59.5 50.1 40.0 34.3 30.1 27.3 26.9 30.4
36.5 51.6 66.9 72.1 73.6 71.6 88.7 90.8 92.6 94.8 94.2 95.2
BAROMETRIC PRES : 29.77
END OF RUN :

2007 Liberty Conty Input to POLFAC62_3

MOBILE6 INPUT FILE :

> 30aug2007libe Wednesday
> RATE FORMAT : 3
> ATP0

RUN DATA :
EXPRESS HC AS VOC :
NO REFUELING :

REG DIST : G:\mcrCON\MOB6in\ext\libe2004.rgd
WE DA TRI LEN DI : G:\mcrCON\MOB6in\ext\HG07.tld
VMT BY HOUR : G:\mcrCON\MOB6in\ext\libe07wk.vhr

* 2007 Statewide Diesel Sales Fractions Estimates
* HDV fractions are estimated from TxDOT registration data (Mid-year July 2004)
* LDV, LDT and Bus fractions are EPA defaults
* One record per vehicle type. The order of vehicle types is: LDV, LDT1, LDT2, LDT3, LDT4, HDV2B, HDV3, HDV4, HDV5, HDV6, HDV7, HDV8a, HDV8b, HDBS

DIESEL FRACTIONS :

0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00060 0.00010 0.00030 0.00060
0.00130 0.00040 0.00040 0.00010 0.00270 0.00320 0.00970 0.01620 0.02410
0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000 0.00000 0.00070 0.00330 0.00480 0.01200 0.02230
0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000 0.00000 0.00070 0.00330 0.00480 0.01200 0.02230
0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01150 0.01110 0.01450 0.01150
0.01290 0.00960 0.00830 0.00720 0.00820 0.01240 0.01350 0.01690 0.02090
0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01150 0.01110 0.01450 0.01150
0.01290 0.00960 0.00830 0.00720 0.00820 0.01240 0.01350 0.01690 0.02090
0.88563 0.88563 0.88563 0.88563 0.81309 0.77966 0.72044 0.59186 0.63002 0.54190 0.46056 0.43055 0.20553 0.38983 0.37310 0.34438
0.35788 0.27757 0.22879 0.18284 0.15413 0.19001 0.17778 0.19679 0.17158
0.72198 0.72198 0.72198 0.72198 0.65470 0.64998 0.63211 0.64506 0.61992 0.49298 0.57222 0.53758 0.33289 0.54565 0.57020 0.61950
0.49214 0.52674 0.46608 0.35632 0.27254 0.31264 0.21457 0.23404 0.19136
0.81565 0.81565 0.81565 0.81565 0.72670 0.69889 0.70449 0.71724 0.64706 0.68324 0.74152 0.65808 0.44894 0.67123 0.67488 0.64012
0.72156 0.55718 0.61592 0.29545 0.25161 0.11336 0.12227 0.21429 0.18182
0.87557 0.87557 0.87557 0.87557 0.86605 0.88606 0.85864 0.89074 0.86116 0.70180 0.72335 0.79849 0.47491 0.66552 0.72481 0.65278
0.73464 0.60057 0.59797 0.34050 0.35968 0.23649 0.30435 0.25000 0.30189
0.87680 0.87680 0.87680 0.87680 0.90476 0.91638 0.87145 0.86580 0.82740 0.79135 0.76770 0.80283 0.59535 0.78600 0.77429 0.59492
0.67919 0.73922 0.73063 0.57382 0.65900 0.56172 0.46842 0.46250 0.42308
0.94783 0.94783 0.94783 0.94783 0.98257 0.90545 0.89330 0.90961 0.89110 0.84945 0.78594 0.81909 0.53993 0.82827 0.85079 0.88206
0.86895 0.84016 0.85782 0.81713 0.83038 0.78906 0.75852 0.72185 0.68944
0.94693 0.94693 0.94693 0.94693 0.96067 0.95596 0.94286 0.93528 0.95292 0.95020 0.90000 0.92354 0.73845 0.96314 0.94870 0.95054
0.93254 0.93707 0.94532 0.95140 0.94860 0.91219 0.91164 0.94034 0.90625
0.98522 0.98522 0.98522 0.98522 0.98188 0.98089 0.98964 0.98790 0.97927 0.97708 0.95161 0.99275 0.79417 0.96019 0.98762 0.96552
0.99248 0.93578 0.96970 0.96104 0.97826 0.92188 0.92683 0.96386 0.95000
0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.88570 0.85250 0.87950 0.99000
0.91050 0.87600 0.77100 0.75020 0.73450 0.67330 0.51550 0.38450 0.32380

> ** NO ATP **

> ** NO I/M DESC FILE : G:\mcrCON\MOB6in\ext\Hr07.im

SCENARIO RECORD : libe30aug
CALENDAR YEAR : 2007
EVALUATION MONTH : 7
FUEL PROGRAM : 2 S
FUEL RVP : 6.8

* Liberty Wednesday August 30

SUNRISE/SUNSET : 7.8

HOURLY TEMPERATURES: 74.8 75.0 77.8 81.5 85.4 89.0 92.5 95.7 98.1 100.0 100.8 100.5

98.8 93.8 88.9 86.6 84.9 83.7 79.3 78.7 77.8 76.5 75.8 75.4

RELATIVE HUMIDITY : 87.0 82.0 61.0 53.0 43.0 32.0 27.0 23.0 23.0 22.0 21.0 22.0

36.0 45.0 42.0 57.0 61.0 61.0 77.0 82.0 87.0 88.0 91.0 88.0

BAROMETRIC PRES : 29.56

END OF RUN :

2007 Galveston County Input to POLFAC62_3

MOBILE6 INPUT FILE :

> 30aug2007galv Wednesday
> RATE FORMAT : 3
> ATP2

RUN DATA :
EXPRESS HC AS VOC :
NO REFUELING :

REG DIST : G:\mcrCON\MOB6in\ext\galv2004.rgd
WE DA TRI LEN DI : G:\mcrCON\MOB6in\ext\HG07.tld
VMT BY HOUR : G:\mcrCON\MOB6in\ext\galv07wk.vhr

* 2007 Statewide Diesel Sales Fractions Estimates
* HDV fractions are estimated from TxDOT registration data (Mid-year July 2004)
* LDV, LDT and Bus fractions are EPA defaults
* One record per vehicle type. The order of vehicle types is: LDV, LDT1, LDT2, LDT3, LDT4, HDV2B, HDV3, HDV4, HDV5, HDV6, HDV7, HDV8a, HDV8b, HDBS

DIESEL FRACTIONS :

0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00090 0.00060 0.00010 0.00030 0.00060
0.00130 0.00040 0.00040 0.00010 0.00270 0.00320 0.00970 0.01620 0.02410
0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000 0.00000 0.00070 0.00330 0.00480 0.01200 0.02230
0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000 0.00000 0.00000 0.00000 0.00070 0.00330 0.00480 0.01200 0.02230
0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01150 0.01110 0.01450 0.01150
0.01290 0.00960 0.00830 0.00720 0.00820 0.01240 0.01350 0.01690 0.02090
0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01260 0.01150 0.01110 0.01450 0.01150
0.01290 0.00960 0.00830 0.00720 0.00820 0.01240 0.01350 0.01690 0.02090
0.88563 0.88563 0.88563 0.88563 0.81309 0.77966 0.72044 0.59186 0.63002 0.54190 0.46056 0.43055 0.20553 0.38983 0.37310 0.34438
0.35788 0.27757 0.22879 0.18284 0.15413 0.19001 0.17778 0.19679 0.17158
0.72198 0.72198 0.72198 0.72198 0.65470 0.64998 0.63211 0.64506 0.61992 0.49298 0.57222 0.53758 0.33289 0.54565 0.57020 0.61950
0.49214 0.52674 0.46608 0.35632 0.27254 0.31264 0.21457 0.23404 0.19136
0.81565 0.81565 0.81565 0.81565 0.72670 0.69889 0.70449 0.71724 0.64706 0.68324 0.74152 0.65808 0.44894 0.67123 0.67488 0.64012
0.72156 0.55718 0.61592 0.29545 0.25161 0.11336 0.12227 0.21429 0.18182
0.87557 0.87557 0.87557 0.87557 0.86605 0.88606 0.85864 0.89074 0.86116 0.70180 0.72335 0.79849 0.47491 0.66552 0.72481 0.65278
0.73464 0.60057 0.59797 0.34050 0.35968 0.23649 0.30435 0.25000 0.30189
0.87680 0.87680 0.87680 0.87680 0.90476 0.91638 0.87145 0.86580 0.82740 0.79135 0.76770 0.80283 0.59535 0.78600 0.77429 0.59492
0.67919 0.73922 0.73063 0.57382 0.65900 0.56172 0.46842 0.46250 0.42308
0.94783 0.94783 0.94783 0.94783 0.98257 0.90545 0.89330 0.90961 0.89110 0.84945 0.78594 0.81909 0.53993 0.82827 0.85079 0.88206
0.86895 0.84016 0.85782 0.81713 0.83038 0.78906 0.75852 0.72185 0.68944
0.94693 0.94693 0.94693 0.94693 0.96067 0.95596 0.94286 0.93528 0.95292 0.95020 0.90000 0.92354 0.73845 0.96314 0.94870 0.95054
0.93254 0.93707 0.94532 0.95140 0.94860 0.91219 0.91164 0.94034 0.90625
0.98522 0.98522 0.98522 0.98522 0.98188 0.98089 0.98964 0.98790 0.97927 0.97708 0.95161 0.99275 0.79417 0.96019 0.98762 0.96552
0.99248 0.93578 0.96970 0.96104 0.97826 0.92188 0.92683 0.96386 0.95000
0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.95850 0.88570 0.85250 0.87950 0.99000
0.91050 0.87600 0.77100 0.75020 0.73450 0.67330 0.51550 0.38450 0.32380

> ATP2 (MY 84:05): HGA Urban Group 2007
ANTI-TAMP PROG :
03 84 05 22222 22222222 2 11 096. 22112222
I/M DESC FILE : G:\mcrCON\MOB6in\ext\Hu07.im

SCENARIO RECORD : galv30aug
CALENDAR YEAR : 2007
EVALUATION MONTH : 7
FUEL PROGRAM : 2 S
FUEL RVP : 6.8

* Galveston Wednesday August 30
SUNRISE/SUNSET : 7 8
HOURLY TEMPERATURES: 78.7 78.2 78.9 81.1 84.4 87.7 90.5 92.2 92.4 92.9 92.7 92.1
90.5 88.1 86.4 85.7 84.9 84.3 83.9 82.7 82.1 81.1 80.0 79.6
RELATIVE HUMIDITY : 97.3 97.8 94.3 90.0 81.0 67.7 59.3 57.5 67.3 71.7 73.5 74.4
80.5 85.6 88.7 90.5 91.8 92.5 86.8 86.2 89.0 92.5 96.4 96.2
BAROMETRIC PRES : 29.79
END OF RUN :

Example of VMT by Facility for Brazoria County for 2005-ROP

Note: Due to the size of this file, an example is provided here. Actual files are available in the conformity CD-ROM.

VMT BY FACILITY

* HGA Conformity Analysis

* 2005 Weekday

* BRAZORIA COUNTY (FIPS Code: 039)

1	0.1908	0.8082	0.0000	0.0010
	0.1908	0.8082	0.0000	0.0010
	0.1908	0.8082	0.0000	0.0010
	0.1722	0.8267	0.0000	0.0011
	0.1722	0.8267	0.0000	0.0011
	0.1722	0.8267	0.0000	0.0011
	0.1722	0.8267	0.0000	0.0011
	0.1722	0.8267	0.0000	0.0011
	0.1722	0.8267	0.0000	0.0011
	0.1681	0.8308	0.0000	0.0011
	0.1681	0.8308	0.0000	0.0011
	0.1681	0.8308	0.0000	0.0011
	0.1681	0.8308	0.0000	0.0011
	0.1538	0.8451	0.0000	0.0011
	0.1538	0.8451	0.0000	0.0011
	0.1538	0.8451	0.0000	0.0011
	0.1538	0.8451	0.0000	0.0011
	0.1538	0.8451	0.0000	0.0011
	0.1538	0.8451	0.0000	0.0011
	0.1538	0.8451	0.0000	0.0011
	0.1538	0.8451	0.0000	0.0011
	0.1538	0.8451	0.0000	0.0011
	0.1538	0.8451	0.0000	0.0011
2	0.1635	0.8355	0.0000	0.0010
	0.1635	0.8355	0.0000	0.0010
	0.1635	0.8355	0.0000	0.0010
	0.1464	0.8526	0.0000	0.0010
	0.1464	0.8526	0.0000	0.0010
	0.1464	0.8526	0.0000	0.0010
	0.1464	0.8526	0.0000	0.0010
	0.1464	0.8526	0.0000	0.0010
	0.1464	0.8526	0.0000	0.0010
	0.1425	0.8564	0.0000	0.0011
	0.1425	0.8564	0.0000	0.0011
	0.1425	0.8564	0.0000	0.0011
	0.1425	0.8564	0.0000	0.0011

0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
3 0.1635 0.8355 0.0000 0.0010
0.1635 0.8355 0.0000 0.0010
0.1635 0.8355 0.0000 0.0010
0.1464 0.8526 0.0000 0.0010
0.1464 0.8526 0.0000 0.0010
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0.1425 0.8564 0.0000 0.0011
0.1425 0.8564 0.0000 0.0011
0.1425 0.8564 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
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0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
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0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
4 0.1552 0.8438 0.0000 0.0010
0.1552 0.8438 0.0000 0.0010
0.1552 0.8438 0.0000 0.0010
0.1388 0.8602 0.0000 0.0010
0.1388 0.8602 0.0000 0.0010
0.1388 0.8602 0.0000 0.0010
0.1388 0.8602 0.0000 0.0010
0.1388 0.8602 0.0000 0.0010
0.1388 0.8602 0.0000 0.0010
0.1353 0.8636 0.0000 0.0011
0.1353 0.8636 0.0000 0.0011

0.1353 0.8636 0.0000 0.0011
0.1353 0.8636 0.0000 0.0011
0.1223 0.8767 0.0000 0.0010
0.1223 0.8767 0.0000 0.0010
0.1223 0.8767 0.0000 0.0010
0.1223 0.8767 0.0000 0.0010
0.1223 0.8767 0.0000 0.0010
0.1223 0.8767 0.0000 0.0010
0.1223 0.8767 0.0000 0.0010
0.1223 0.8767 0.0000 0.0010
0.1223 0.8767 0.0000 0.0010
5 0.1552 0.8438 0.0000 0.0010
0.1552 0.8438 0.0000 0.0010
0.1552 0.8438 0.0000 0.0010
0.1388 0.8602 0.0000 0.0010
0.1388 0.8602 0.0000 0.0010
0.1388 0.8602 0.0000 0.0010
0.1388 0.8602 0.0000 0.0010
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0.1681 0.8310 0.0000 0.0009
0.1681 0.8310 0.0000 0.0009
0.1238 0.8753 0.0000 0.0009
0.1238 0.8753 0.0000 0.0009

0.1238 0.8753 0.0000 0.0009
0.1238 0.8753 0.0000 0.0009
0.2054 0.7936 0.0000 0.0010
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28 0.1635 0.8355 0.0000 0.0010
0.1635 0.8355 0.0000 0.0010
0.1635 0.8355 0.0000 0.0010
0.1464 0.8526 0.0000 0.0010
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0.1425 0.8564 0.0000 0.0011
0.1425 0.8564 0.0000 0.0011
0.1425 0.8564 0.0000 0.0011
0.1425 0.8564 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011
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0.1292 0.8697 0.0000 0.0011
0.1292 0.8697 0.0000 0.0011

Example of VMT by Speed for Brazoria County for 2005-ROP

SPEED VMT

1	1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0014	0.1440	0.8546	
1	2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0384	0.0081	0.0990	0.0272	0.8273
1	3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0014	0.1057	0.8929
1	4	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0014	0.0000	0.9986
1	5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0014	0.0000	0.9986
1	6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0014	0.0000	0.9986
1	7	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0014	0.0000	0.9986
1	8	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0014	0.0000	0.9986
1	9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0014	0.0000	0.9986
1	10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.9988
1	11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0073	0.9915
1	12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.1281	0.8707
1	13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.9988
1	14	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.9988
1	15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.9988
1	16	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.9988
1	17	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.9988
1	18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.9988
1	19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.9988
1	20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.9988
1	21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0012	0.0000	0.9988

1 22 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0012
0.0000 0.9988
1 23 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0012
0.0000 0.9988
1 24 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0012
0.0000 0.9988
2 1 0.0000 0.0000 0.0000 0.0063 0.0331 0.0922 0.1602 0.1043 0.0466 0.1564 0.0161 0.0315
0.0128 0.3405
2 2 0.0000 0.0000 0.0000 0.0126 0.0386 0.0926 0.1694 0.1015 0.0500 0.1417 0.0132 0.0301
0.0421 0.3082
2 3 0.0000 0.0000 0.0000 0.0032 0.0362 0.0909 0.1595 0.1035 0.0489 0.1570 0.0135 0.0341
0.0092 0.3440
2 4 0.0000 0.0000 0.0000 0.0010 0.0279 0.0622 0.1787 0.1064 0.0326 0.1821 0.0140 0.0346
0.0000 0.3605
2 5 0.0000 0.0000 0.0000 0.0010 0.0279 0.0616 0.1799 0.1059 0.0326 0.1821 0.0140 0.0346
0.0000 0.3604
2 6 0.0000 0.0000 0.0000 0.0010 0.0279 0.0644 0.1765 0.1064 0.0326 0.1821 0.0140 0.0346
0.0000 0.3605
2 7 0.0000 0.0000 0.0000 0.0010 0.0310 0.0634 0.1743 0.1064 0.0326 0.1821 0.0140 0.0346
0.0000 0.3606
2 8 0.0000 0.0000 0.0000 0.0010 0.0316 0.0629 0.1796 0.1012 0.0398 0.1749 0.0140 0.0346
0.0000 0.3604
2 9 0.0000 0.0000 0.0000 0.0010 0.0334 0.0629 0.1784 0.1021 0.0395 0.1810 0.0066 0.0346
0.0012 0.3593
2 10 0.0000 0.0000 0.0000 0.0015 0.0371 0.0870 0.1842 0.0872 0.0552 0.1501 0.0102 0.0321
0.0146 0.3408
2 11 0.0000 0.0000 0.0000 0.0057 0.0390 0.0888 0.1796 0.0959 0.0551 0.1398 0.0112 0.0322
0.0234 0.3293
2 12 0.0000 0.0000 0.0000 0.0095 0.0439 0.1000 0.1639 0.1020 0.0583 0.1277 0.0139 0.0320
0.0324 0.3164
2 13 0.0000 0.0000 0.0000 0.0009 0.0367 0.0806 0.1880 0.0856 0.0498 0.1587 0.0121 0.0309
0.0082 0.3485
2 14 0.0000 0.0000 0.0000 0.0009 0.0260 0.0527 0.1689 0.1152 0.0313 0.1822 0.0125 0.0397
0.0000 0.3706
2 15 0.0000 0.0000 0.0000 0.0009 0.0260 0.0527 0.1689 0.1152 0.0313 0.1822 0.0108 0.0414
0.0000 0.3706
2 16 0.0000 0.0000 0.0000 0.0009 0.0260 0.0527 0.1689 0.1152 0.0313 0.1822 0.0108 0.0414
0.0000 0.3706
2 17 0.0000 0.0000 0.0000 0.0009 0.0260 0.0527 0.1657 0.1185 0.0313 0.1822 0.0108 0.0414
0.0000 0.3705
2 18 0.0000 0.0000 0.0000 0.0009 0.0260 0.0527 0.1622 0.1220 0.0313 0.1822 0.0108 0.0414
0.0000 0.3705
2 19 0.0000 0.0000 0.0000 0.0009 0.0260 0.0527 0.1622 0.1220 0.0313 0.1822 0.0108 0.0414
0.0000 0.3705
2 20 0.0000 0.0000 0.0000 0.0009 0.0260 0.0527 0.1622 0.1220 0.0313 0.1822 0.0108 0.0414
0.0000 0.3705

2 21 0.0000 0.0000 0.0000 0.0009 0.0260 0.0527 0.1622 0.1220 0.0313 0.1822 0.0108 0.0414
0.0000 0.3705
2 22 0.0000 0.0000 0.0000 0.0009 0.0260 0.0527 0.1622 0.1220 0.0313 0.1822 0.0108 0.0414
0.0000 0.3705
2 23 0.0000 0.0000 0.0000 0.0009 0.0260 0.0527 0.1622 0.1220 0.0313 0.1822 0.0108 0.0414
0.0000 0.3705
2 24 0.0000 0.0000 0.0000 0.0009 0.0260 0.0527 0.1665 0.1177 0.0313 0.1822 0.0108 0.0414
0.0000 0.3705
* HGA Conformity Analysis
* 2005 Weekday
* BRAZORIA COUNTY (FIPS Code: 039)

Example of Final Output from SUMALL

HGA 2007 TDM LINK-BASED EIS: 30AUG2000 EPISODE DAY										
24 HOUR										
VEHICLE MILES OF TRAVEL										
COUNTY: ALL COUNTIES										
VEHICLE TYPE										
ROADWAY TYPE	LDGV	LDGT1	LDGT2	LDGT3	LDGT4	HDGV2b	HDGV3	HDGV4	HDGV5	HDGV6
	HDGV7	HDGV8a	HDGV8b	LDDV	LDDT12	HDDV2b	HDDV3	HDDV4	HDDV5	HDDV6
	HDDV7	HDDV8a	HDDV8b	MC	HDGB	HDDBT	HDDBS	LDDT34	TOTALS	
URBAN INTERSTATE	6137074.9		517085.9	1721341.9		423554.2	194781.6	70172.3	26432.2	11807.2
4427.7	12343.9	4293.4	4159.6	536.4	6161.1	394.2	95379.2	37618.5	22512.0	14810.5
47985.8	26955.0	50947.8	365574.0	9848.9	2923.7	10167.6	18298.9	11312.2	9848900.9	
URBAN OTHER FREEWAY	2554167.7		215218.8	716448.1	176296.5	81074.2	29081.3	10954.2	4893.2	1835.0
5115.6	1779.3	1723.8	222.3	2564.2	164.1	39528.6	15590.5	9329.8	6138.0	19887.1
11171.2	21114.6	149009.8	4095.3	1227.9	4270.2	7685.3	4708.3	4095294.9		
TOLL ROADS	3165190.7		266693.4	887803.2	218445.7	100457.5	34916.4	13152.1	5875.0	2203.1
6142.1	2136.4	2069.7	266.9	3177.6	203.3	47474.4	18724.4	11205.2	7371.9	23884.6
13416.7	25359.0	178466.3	5062.3	1557.9	5417.9	9750.7	5834.4	5062258.7		
RAMPS (FWY/TOLL/FRNT)	109313.8	10468.7	34849.6	8929.6	4106.5	1523.4	573.8	256.3	96.1	268.0
93.2	90.3	11.6	109.8	8.0	2329.5	918.8	549.8	361.7	1172.0	658.3
1244.3	6733.2	185.6	52.7	183.2	329.6	229.0	185646.6			
URBAN PRIN. ART.	1937521.7		185572.4	617757.4	158299.8	72798.0	27601.7	10396.8	4644.3	1741.6
4855.3	1688.9	1636.0	211.0	1945.3	141.5	42188.8	16639.7	9957.5	6551.0	21225.5
11922.9	22535.7	121133.6	3296.3	925.3	3218.1	5791.7	4059.8	3296257.6		
URBAN OTHER ART.	3533329.0		338415.3	1126560.9		288673.2	132753.3	49953.8	18816.3	8405.2
3151.9	8787.2	3056.7	2960.9	381.9	3547.5	258.1	76363.3	30118.5	18023.5	11857.6
38418.9	21580.9	40790.4	220083.0	6007.8	1686.0	5863.8	10553.2	7403.5	6007801.7	
URBAN COLLECTOR	232653.7	29557.3	98394.0	27251.1	12532.1	5024.3	1892.5	845.4	317.0	883.8
307.4	297.8	38.4	233.7	22.5	8165.7	3220.7	1927.3	1268.0	4108.2	2307.7
4361.8	14323.1	453.7	251.5	874.5	1573.9	646.6	453733.9			
LOCAL (CENT. CONN.)	6661051.4		846487.9	2817897.1		780407.4	358889.3	141390.6	53258.4	23790.5
8921.3	24871.6	8650.7	8380.8	1081.5	6689.7	645.3	229863.9	90660.7	54253.7	35692.9
115645.4	64961.6	122784.0	402861.2	12967.7	7177.6	24961.5	44923.4	18518.5	12967685.6	
RURAL INTERSTATE	20311584.5		1711367.3		5697019.6		1401818.2		644659.9	229091.3
86293.1	38546.8	14455.2	40299.1	14016.8	13579.7	1751.3	20391.2	1304.7	311420.7	122827.5

73503.4	48357.5	156677.6	88010.4	166348.8	1205127.3	32572.6	9698.9	33729.3	60703.4	
37439.2	32572595.6									
RURAL OTHER FREEWAY	2482747.7		209199.1	696408.8	171363.7	78805.7	27936.8	10523.1	4700.6	1762.8
4914.3	1709.3	1656.0	213.6	2492.5	159.5	37977.0	14978.5	8963.6	5897.1	19106.5
10732.7	20285.9	143673.2	3977.6	1200.0	4173.2	7510.6	4576.6	3977646.0		
RURAL PRIN. ART.	11083629.2		1061530.7		3533762.0		905456.3	416395.8	153850.8	57951.6
25887.0	9707.4	27063.3	9414.2	9119.0	1176.1	11128.1	809.7	235263.4	92790.2	55527.5
36531.6	118362.6	66487.3	125668.8	682346.4	18818.9	5303.8	18446.3	33198.3	23223.0	
18818849.2										
RURAL OTHER ART.	22380037.1		2143446.5		7135384.4		1828302.2		840788.5	309506.3
116583.0	52077.6	19528.7	54444.1	18938.7	18345.0	2365.9	22469.9	1634.9	473316.2	186680.6
111713.4	73496.3	238128.6	133762.9	252827.7	1370805.7		37984.8	10737.8	37345.7	67211.8
46892.0	37984756.3									
RURAL MAJOR COL.	2098959.4		266763.0	888034.8	245934.4	113098.9	44198.3	16648.4	7436.8	2788.8
7774.8	2704.2	2619.8	338.1	2108.0	203.4	71854.7	28340.2	16959.5	11157.5	36150.4
20306.8	38381.9	126133.5	4083.3	2282.9	7939.2	14288.3	5835.9	4083325.1		
RURAL COLLECTOR	1238847.9		157463.5	524184.5	145166.7	66758.4	25897.5	9754.9	4357.5	1634.0
4555.6	1584.5	1535.0	198.1	1244.2	120.0	42106.1	16607.1	9938.1	6538.2	21183.8
11899.6	22491.4	73915.9	2408.4	1360.2	4730.5	8513.5	3444.8	2408440.1		
LOCAL (INTRAZONAL)	320286.6	40710.9	135523.7	37531.6	17259.8	6737.4	2537.8	1133.6	425.1	1185.1
412.2	399.3	51.5	321.7	31.0	10958.5	4322.2	2586.5	1701.6	5513.3	3097.0
5853.6	19111.6	622.8	335.8	1167.9	2101.9	890.6	622810.7			
TOTALS	84246395.5		7999980.7		26631370.0		6817430.8		3135159.5	
1156882.1	435768.3	194657.2	72995.7	203503.8	70785.9	68572.8	8844.6	84584.4	6100.3	1724190.2
	680038.0	406950.7	267731.4	867450.2	487271.1	920995.7	5079297.7		142386.0	46722.0
162489.0	292434.6	175014.6	142386002.7							
HGA 2007 TDM LINK-BASED EIS: 30AUG2000 EPISODE DAY										
24 HOUR										
VEHICLE HOURS										
COUNTY: ALL COUNTIES										
VEHICLE TYPE										
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
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ROADWAY TYPE	LDGV	LDGT1	LDGT2	LDGT3	LDGT4	HDGV2b	HDGV3	HDGV4	HDGV5	HDGV6
	HDGV7	HDGV8a	HDGV8b	LDDV	LDDT12	HDDV2b	HDDV3	HDDV4	HDDV5	HDDV6
	HDDV7	HDDV8a	HDDV8b	MC	HDGB	HDDBT	HDDBS	LDDT34	TOTALS	
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URBAN INTERSTATE	123945.87		10443.81	34766.71	8554.92	3934.19	1398.55	526.80	235.32	88.25
246.02	85.57	82.90	10.69	124.43	7.96	1901.14	749.83	448.72	295.21	956.47
537.28	1015.51	7170.82	198.60	59.93	208.41	375.08	228.48	198597.46		
URBAN OTHER FREEWAY	51677.31	4354.65	14496.32	3567.22	1640.47	581.50	219.04	97.84	36.69	102.29
35.58	34.47	4.44	51.88	3.32	790.47	311.77	186.57	122.74	397.69	223.39
422.24	2948.09	82.75	25.10	87.31	157.13	95.27	82753.55			
TOLL ROADS	54602.59	4600.72	15315.45	3768.39	1732.99	602.16	226.82	101.32	37.99	105.92
36.84	35.69	4.60	54.82	3.51	818.73	322.92	193.24	127.13	411.91	231.38
437.34	3076.73	87.33	26.89	93.50	168.28	100.65	87325.85			
RAMPS (FWY/TOLL/FRNT	3782.67	362.22	1205.80	308.98	142.09	52.60	19.81	8.85	3.32	9.25
3.22	3.12	0.40	3.80	0.28	80.43	31.72	18.98	12.49	40.46	22.73
42.96	229.18	6.42	1.86	6.47	11.65	7.92	6419.70			
URBAN PRIN. ART.	81479.65	7803.55	25977.46	6656.90	3061.34	1152.54	434.13	193.93	72.72	202.74
70.52	68.31	8.81	81.81	5.95	1761.89	694.91	415.85	273.58	886.42	497.92
941.13	4998.85	138.48	39.62	137.80	248.01	170.72	138475.55			
URBAN OTHER ART.	154840.11		14829.56	49366.58	12650.15	5817.48	2178.56	820.61	366.57	137.46
383.22	133.31	129.13	16.65	155.46	11.31	3330.66	1313.64	786.11	517.18	1675.68
941.27	1779.11	9508.27	26330.08	74.96	260.71	469.21	324.43	263080.47		
URBAN COLLECTOR	9427.39	1197.72	3987.11	1104.26	507.82	202.89	76.42	34.14	12.80	35.69
12.41	12.03	1.55	9.47	0.91	329.79	130.07	77.84	51.21	165.92	93.20
176.16	577.18	18.38	10.39	36.14	65.05	26.20	18380.16			
LOCAL (CENT. CONN.)	285897.80		36330.82	120942.68		33494.85	15403.42	6081.75	2290.85	1023.32
383.74	1069.82	372.10	360.49	46.52	287.13	27.70	9887.03	3899.55	2333.59	1535.24
4974.20	2794.17	5281.25	17328.26	556.70	307.64	1069.90	1925.49	794.81	556700.81	

RURAL INTERSTATE	361748.06		30479.97	101465.66		24966.80	11481.58	4052.58	1526.51	681.88
255.71	712.88	247.95	240.22	30.98	363.17	23.24	5509.29	2172.92	1300.34	855.49
2771.76	1556.98	2942.85	21123.19	579.63	174.30	606.14	1090.89	666.80	579627.77	
RURAL OTHER FREEWAY	48538.73	4090.01	13615.34	3350.32	1540.73	544.36	205.05	91.59	34.35	95.76
33.31	32.27	4.16	48.73	3.12	740.02	291.87	174.66	114.91	372.31	209.14
395.29	2783.47	77.73	23.57	81.95	147.49	89.48	77729.70			
RURAL PRIN. ART.	307537.58		29452.09	98043.97	25122.55	11553.20	4246.92	1599.70	714.59	267.97
747.06	259.87	251.72	32.46	308.77	22.46	6495.02	2561.70	1532.97	1008.54	3267.69
1835.55	3469.40	18626.32	521.73	149.82	521.05	937.75	644.32	521732.80		
RURAL OTHER ART.	736954.00		70578.07	234949.49		60202.31	27685.47	10163.27	3828.24	1710.08
641.27	1787.78	621.89	602.39	77.69	739.91	53.83	15543.37	6130.46	3668.59	2413.57
7819.98	4392.68	8302.68	44695.77	1250.20	357.64	1243.84	2238.57	1544.03	1250197.06	
RURAL MAJOR COL.	60199.53	7650.82	25469.03	7053.47	3243.71	1265.60	476.72	212.95	79.85	222.63
77.43	75.02	9.68	60.46	5.83	2057.62	811.55	485.65	319.50	1035.20	581.50
1099.10	3608.79	117.10	66.77	232.22	417.93	167.38	117103.04			
RURAL COLLECTOR	29608.87	3763.47	12528.31	3469.56	1595.56	617.16	232.47	103.84	38.94	108.56
37.76	36.58	4.72	29.74	2.87	1003.53	395.80	236.86	155.83	504.88	283.61
536.05	1758.96	57.55	33.09	115.09	207.13	82.33	57549.13			
LOCAL (INTRAZONAL)	12028.91	1528.92	5089.67	1409.52	648.20	253.54	95.50	42.66	16.00	44.60
15.51	15.03	1.94	12.08	1.17	412.37	162.64	97.33	64.03	207.46	116.54
220.27	719.29	23.40	12.61	43.85	78.92	33.45	23395.41			
TOTALS	2322269.08		227466.40		757219.58		195680.21		89988.25	33393.96
12578.66	5618.88	2107.05	5874.23	2043.28	1979.37	255.31	2331.64	173.46	50661.38	19981.36
11957.30	7866.67	25488.03	14317.34	27061.35	139153.20		3979.07	1364.20	4744.40	8538.58
4976.26	3979068.47									
HGA 2007 TDM LINK-BASED EIS: 30AUG2000 EPISODE DAY										
24 HOUR										
AVERAGE OPERATIONAL SPEED WEIGHTED BY VMT										
COUNTY: ALL COUNTIES										
	VEHICLE TYPE									
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ROADWAY TYPE\LDGV	LDGT1	LDGT2	LDGT3	LDGT4	HDGV2b	HDGV3	HDGV4	HDGV5	HDGV6	HDGV7
	HDGV8a	HDGV8b	LDDV	LDDT12	HDDV2b	HDDV3	HDDV4	HDDV5	HDDV6	HDDV7
	HDDV8a	HDDV8b	MC	HDGB	HDDBT	HDDBS	LDDT34			
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URBAN INTERSTATE	51.12	51.12	51.12	51.12	51.12	51.62	51.62	51.62	51.62	51.62
51.62	51.62	51.62	51.12	51.12	51.62	51.62	51.62	51.62	51.62	51.62
51.62	52.27	51.18	50.53	50.53	50.53	51.12				
URBAN OTHER FREEWAY	51.16	51.16	51.16	51.16	51.16	51.52	51.52	51.52	51.52	51.52
51.52	51.52	51.52	51.16	51.16	51.52	51.52	51.52	51.52	51.52	51.52
51.52	51.88	51.20	50.82	50.82	50.82	51.16				
TOLL ROADS	58.01	58.01	58.01	58.01	58.01	58.03	58.03	58.03	58.03	58.03
58.03	58.03	58.03	58.01	58.01	58.03	58.03	58.03	58.03	58.03	58.03
58.03	58.05	58.01	57.98	57.98	57.98	58.01				
RAMPS (FWY/TOLL/FRNT)	31.97	31.97	31.97	31.97	31.97	31.99	31.99	31.99	31.99	31.99
31.99	31.99	31.99	31.97	31.97	31.99	31.99	31.99	31.99	31.99	31.99
31.99	32.32	31.98	31.47	31.47	31.47	31.97				
URBAN PRIN. ART.	24.53	24.53	24.53	24.53	24.53	24.64	24.64	24.64	24.64	24.64
24.64	24.64	24.64	24.53	24.53	24.64	24.64	24.64	24.64	24.64	24.64
24.64	24.87	24.55	24.19	24.19	24.19	24.53				
URBAN OTHER ART.	23.45	23.45	23.45	23.45	23.45	23.53	23.53	23.53	23.53	23.53
23.53	23.53	23.53	23.45	23.45	23.52	23.52	23.52	23.52	23.52	23.52
23.52	23.71	23.46	23.17	23.17	23.17	23.45				
URBAN COLLECTOR	25.40	25.40	25.40	25.40	25.40	25.45	25.45	25.45	25.45	25.45
25.45	25.45	25.45	25.40	25.40	25.45	25.45	25.45	25.45	25.45	25.45
25.45	25.49	25.40	25.01	25.01	25.01	25.40				
LOCAL (CENT. CONN.)	24.67	24.67	24.67	24.67	24.67	24.61	24.61	24.61	24.61	24.61
24.61	24.61	24.61	24.67	24.67	24.61	24.61	24.61	24.61	24.61	24.61
24.61	24.61	24.66	24.70	24.70	24.70	24.67				

RURAL INTERSTATE	57.75	57.75	57.75	57.75	57.75	58.01	58.01	58.01	58.01	58.01
58.01	58.01	58.01	57.75	57.75	58.00	58.00	58.00	58.00	58.00	58.00
58.00	58.41	57.78	57.38	57.38	57.38	57.75				
RURAL OTHER FREEWAY	52.63	52.63	52.63	52.63	52.63	52.72	52.72	52.72	52.72	52.72
52.72	52.72	52.72	52.63	52.63	52.72	52.72	52.72	52.72	52.72	52.72
52.72	52.93	52.65	52.49	52.49	52.49	52.63				
RURAL PRIN. ART.	39.34	39.34	39.34	39.34	39.34	39.45	39.45	39.45	39.45	39.45
39.45	39.45	39.45	39.34	39.34	39.34	39.45	39.45	39.45	39.45	39.45
39.45	39.79	39.36	38.81	38.81	38.81	39.34				
RURAL OTHER ART.	33.45	33.45	33.45	33.45	33.45	33.48	33.48	33.48	33.48	33.48
33.48	33.48	33.48	33.45	33.45	33.48	33.48	33.48	33.48	33.48	33.48
33.48	33.67	33.46	33.16	33.16	33.16	33.45				
RURAL MAJOR COL.	40.81	40.81	40.81	40.81	40.81	40.85	40.85	40.85	40.85	40.85
40.85	40.85	40.85	40.81	40.81	40.85	40.85	40.85	40.85	40.85	40.85
40.85	40.87	40.81	40.18	40.18	40.18	40.81				
RURAL COLLECTOR	44.96	44.96	44.96	44.96	44.96	45.03	45.03	45.03	45.03	45.03
45.03	45.03	45.03	44.96	44.96	45.02	45.02	45.02	45.02	45.02	45.02
45.02	45.06	44.96	44.46	44.46	44.46	44.96				
LOCAL (INTRAZONAL)	28.50	28.50	28.50	28.50	28.50	28.44	28.44	28.44	28.44	28.44
28.44	28.44	28.44	28.50	28.50	28.44	28.44	28.44	28.44	28.44	28.44
28.44	28.44	28.49	28.50	28.50	28.50	28.50				
HGA 2007 TDM LINK-BASED EIS: 30AUG2000 EPISODE DAY 24 HOUR POUNDS OF VOC EMISSIONS										
COUNTY: ALL COUNTIES										
VEHICLE TYPE										
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ROADWAY TYPE	LDGV	LDGT1	LDGT2	LDGT3	LDGT4	HDGV2b	HDGV3	HDGV4	HDGV5	HDGV6
	HDGV7	HDGV8a	HDGV8b	LDDV	LDDT12	HDDV2b	HDDV3	HDDV4	HDDV5	HDDV6
	HDDV7	HDDV8a	HDDV8b	MC	HDGB	HDDBT	HDDBS	LDDT34	TOTALS	
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URBAN INTERSTATE	7251.363	592.032	2075.484	313.277	158.004	75.561	31.512	12.696	12.845	34.304
12.440	13.768	1.778	3.746	2.056	22.572	11.376	8.112	6.105	27.314	19.094
39.684	279.132	52.472	23.674	6.384	19.062	5.568	11111.413			
URBAN OTHER FREEWAY	2981.620	243.512	854.006	129.283	65.229	31.046	12.965	5.213	5.262	14.061
5.105	5.649	0.730	1.553	0.851	9.363	4.719	3.365	2.532	11.331	7.921
16.462	114.184	21.397	9.839	2.677	7.992	2.313	4570.181			
TOLL ROADS	3523.777	288.581	1012.700	154.579	77.998	34.456	14.339	5.815	5.907	15.766
5.698	6.312	0.813	1.829	1.019	10.453	5.268	3.756	2.827	12.649	8.842
18.377	128.019	27.859	11.209	3.109	9.283	2.694	5393.935			
RAMPS (FWY/TOLL/FRNT)	154.966	14.532	50.624	8.105	4.062	2.007	0.854	0.336	0.328	0.877
0.323	0.357	0.047	0.078	0.045	0.714	0.360	0.257	0.193	0.864	0.604
1.255	6.723	1.056	0.517	0.146	0.437	0.137	250.803			
URBAN PRIN. ART.	2775.656	258.970	906.402	142.600	71.769	48.022	21.066	8.131	7.619	20.288
7.599	8.397	1.105	1.633	0.879	17.471	8.805	6.279	4.725	21.141	14.779
30.716	162.015	20.897	13.296	3.535	10.555	3.030	4597.379			
URBAN OTHER ART.	5149.042	480.198	1680.456	264.421	133.041	90.138	39.653	15.283	14.270	37.976
14.242	15.741	2.071	3.038	1.623	32.737	16.499	11.765	8.854	39.615	27.692
57.556	305.268	38.836	25.155	6.641	19.828	5.668	8537.306			
URBAN COLLECTOR	330.477	40.891	143.099	24.276	12.217	8.507	3.720	1.438	1.353	3.606
1.348	1.490	0.196	0.193	0.138	3.289	1.657	1.182	0.889	3.980	2.782
5.782	18.767	2.851	3.497	0.933	2.787	0.471	621.817			
LOCAL (CENT. CONN.)	9823.920	1232.454	4308.470	736.188	370.047	254.001	111.622	43.093	40.325	107.308
40.200	44.434	5.851	5.797	4.027	97.326	49.051	34.977	26.321	117.774	82.329
171.113	555.769	85.913	104.325	27.465	82.005	14.260	18576.365			
RURAL INTERSTATE	24363.420		2018.170	7062.574	1072.708	539.678	239.132	99.633	40.461	41.112
109.605	39.606	43.877	5.646	12.589	6.693	70.586	35.575	25.367	19.090	85.416
59.710	124.101	886.188	194.216	75.188	20.085	59.971	18.359	37368.756		

RURAL OTHER FREEWAY	2870.102	234.599	822.831	124.663	62.904	29.451	12.288	4.949	5.004	13.368
4.849	5.367	0.693	1.489	0.820	8.869	4.470	3.187	2.399	10.733	7.503
15.593	108.924	20.888	9.385	2.553	7.624	2.213	4397.721			
RURAL PRIN. ART.	14409.819		1367.043	4779.936	753.518	378.937	200.975	85.599	33.776	33.049
88.285	32.498	35.910	4.684	7.908	4.494	70.398	35.480	25.299	19.039	85.189
59.550	123.770	659.609	113.377	52.924	14.636	43.700	13.877	23533.281		
RURAL OTHER ART.	30213.498		2850.552	9968.485	1567.547	788.430	454.841	196.232	76.707	73.643
196.458	72.852	80.500	10.538	17.105	9.477	163.026	82.164	58.588	44.090	197.279
137.906	286.625	1530.208	237.538	123.551	33.869	101.126	30.735	49603.570		
RURAL MAJOR COL.	2700.042	342.585	1197.463	204.644	102.934	60.033	25.703	10.148	9.871	26.313
9.693	10.720	1.398	1.544	1.141	22.405	11.292	8.052	6.059	27.112	18.953
39.391	128.073	26.269	23.861	6.540	19.527	3.568	5045.335			
RURAL COLLECTOR	1581.207	201.149	702.837	120.341	60.480	31.136	13.123	5.233	5.211	13.919
5.086	5.623	0.731	0.844	0.641	11.208	5.648	4.028	3.031	13.562	9.481
19.704	64.031	13.912	12.099	3.330	9.944	1.914	2919.450			
LOCAL (INTRAZONAL)	470.386	59.495	207.654	35.337	17.733	11.096	4.823	1.877	1.786	4.758
1.771	1.957	0.257	0.267	0.187	4.161	2.097	1.495	1.125	5.035	3.520
7.316	23.648	4.077	4.378	1.154	3.444	0.641	881.476			
TOTALS	108599.295		10224.765		35773.021		5651.486	2843.464	1570.405	673.134
265.155	257.586	686.891	253.311	280.102	36.537	59.613	34.091	544.576	274.462	195.708
147.280	658.994	460.665	957.448	4970.557	861.556	492.898	133.057	397.285	105.448	
177408.787										
HGA 2007 TDM LINK-BASED EIS: 30AUG2000 EPISODE DAY 24 HOUR POUNDS OF CO EMISSIONS										
COUNTY: ALL COUNTIES										
VEHICLE TYPE										
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ROADWAY TYPE	LDGV	LDGT1	LDGT2	LDGT3	LDGT4	HDBGV2b	HDBGV3	HDBGV4	HDBGV5	HDBGV6
	HDBGV7	HDBGV8a	HDBGV8b	LDDV	LDDT12	HDDV2b	HDDV3	HDDV4	HDDV5	HDDV6
	HDDV7	HDDV8a	HDDV8b	MC	HDGB	HDDBT	HDDBS	LDDT34	TOTALS	
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URBAN INTERSTATE	118570.82		10082.44	36113.32	6549.09	3140.11	897.83	423.81	173.98	133.14
304.24	109.17	129.59	13.34	14.67	3.69	119.41	60.29	42.37	30.47	105.86
72.55	226.72	1551.76	254.42	396.03	60.30	70.25	12.24	179661.90		
URBAN OTHER FREEWAY	49297.81	4189.86	15000.69	2721.49	1304.63	371.23	175.24	71.94	55.05	125.80
45.14	53.58	5.51	6.09	1.53	49.42	24.95	17.54	12.61	43.81	30.03
93.83	630.49	104.39	167.13	25.38	29.57	5.09	74659.85			
TOLL ROADS	64806.38	5504.28	19639.42	3577.95	1712.62	488.20	230.12	94.48	72.10	164.97
59.23	70.24	7.27	7.62	1.90	61.13	30.86	21.69	15.60	54.19	37.14
116.06	780.86	171.10	228.13	32.81	38.23	6.39	98030.97			
RAMPS (FWY/TOLL/FRNT	2793.70	242.14	843.52	164.82	78.23	19.30	9.11	3.74	2.86	6.54
2.35	2.79	0.29	0.28	0.08	3.25	1.64	1.15	0.83	2.88	1.97
6.17	31.89	5.32	6.97	1.20	1.40	0.27	4234.67			
URBAN PRIN. ART.	30711.36	2959.24	10710.73	2010.73	969.42	501.35	236.87	97.23	74.54	170.21
61.06	72.52	7.44	6.03	1.48	84.95	42.89	30.14	21.68	75.31	51.61
161.29	818.60	132.30	182.28	31.28	36.45	6.12	50265.12			
URBAN OTHER ART.	56118.46	5399.76	19545.87	3669.95	1769.61	948.31	448.06	183.92	141.00	321.97
115.50	137.16	14.07	11.27	2.74	160.62	81.10	56.99	40.99	142.39	97.58
304.95	1557.31	249.74	344.95	59.19	68.96	11.50	92003.94			
URBAN COLLECTOR	3676.84	470.80	1704.59	345.67	166.67	87.79	41.44	17.01	13.02	29.75
10.67	12.67	1.31	0.71	0.23	15.86	8.01	5.63	4.05	14.06	9.64
30.12	94.33	17.67	48.82	8.19	9.54	0.95	6846.03			
LOCAL (CENT. CONN.)	108583.77		13963.23	50403.32	10334.93	4976.58	2679.32	1264.85	519.10	397.05
908.13	326.13	386.87	39.96	21.30	6.81	480.31	242.51	170.42	122.57	425.80
291.82	911.91	2859.57	528.75	1466.62	244.65	285.05	28.82	202870.15		
RURAL INTERSTATE	428168.40		36584.82	130314.70		24021.57	11481.78	3398.76	1608.48	659.52
505.60	1156.34	415.36	492.84	50.79	50.87	12.31	414.58	209.33	147.10	105.80
367.54	251.88	787.13	5457.65	1237.27	1523.54	211.25	246.14	42.88	649924.24	

RURAL OTHER FREEWAY	48528.13	4123.93	14752.74	2679.16	1283.97	362.05	170.88	70.15	53.67	122.66
44.02	52.25	5.38	5.91	1.48	47.63	24.05	16.90	12.16	42.23	28.94
90.44	611.26	103.78	165.17	24.72	28.81	4.94	73457.41			
RURAL PRIN. ART.	195481.87		19134.28	68746.95	13122.86	6298.67	2171.57	1026.40	421.05	322.45
737.51	264.95	314.27	32.42	29.18	7.82	344.42	173.90	122.20	87.89	305.34
209.25	653.92	3366.33	634.09	796.03	129.38	150.75	28.42	315114.15		
RURAL OTHER ART.	376518.00		36728.76	132345.74		25119.71	12077.13	4894.33	2313.17	949.08
727.13	1662.19	596.86	708.25	72.92	63.05	16.29	794.79	401.30	281.99	202.82
704.61	482.88	1509.00	7772.84	1440.69	1805.09	298.87	348.23	62.51	610898.21	
RURAL MAJOR COL.	37481.55	4853.47	17406.98	3613.36	1735.02	700.44	330.57	135.67	103.79	237.45
85.32	101.19	10.46	5.83	2.00	115.53	58.33	40.99	29.48	102.42	70.19
219.35	688.54	165.88	392.34	60.72	70.74	7.56	68825.17			
RURAL COLLECTOR	23287.08	3031.02	10839.46	2258.35	1081.81	340.32	160.90	65.99	50.54	115.65
41.57	49.30	5.10	3.12	1.13	55.82	28.19	19.81	14.25	49.49	33.92
105.99	332.48	64.82	195.37	29.93	34.87	3.97	42300.23			
LOCAL (INTRAZONAL)	5355.36	695.65	2505.83	515.83	248.01	113.37	53.62	21.99	16.86	38.55
13.85	16.43	1.69	0.96	0.32	20.07	10.13	7.12	5.12	17.79	12.19
38.10	118.90	23.02	61.72	10.04	11.70	1.27	9935.49			
TOTALS	1549379.52		147963.68		530873.85		100705.46		48324.26	17974.17
8493.51	3484.86	2668.80	6101.97	2191.18	2599.94	267.94	226.89	59.80	2767.80	1397.49
982.02	706.30	2453.73	1681.59	5254.96	26672.81	5133.25	7780.19	1227.91	1430.69	222.93
2479027.51										
HGA 2007 TDM LINK-BASED EIS: 30AUG2000 EPISODE DAY										
24 HOUR										
POUNDS OF NOX EMISSIONS										
COUNTY: ALL COUNTIES										
VEHICLE TYPE										
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ROADWAY TYPE	LDGV	LDGT1	LDGT2	LDGT3	LDGT4	HDBGV2b	HDBGV3	HDBGV4	HDBGV5	HDBGV6
	HDBGV7	HDBGV8a	HDBGV8b	LDDV	LDDT12	HDDV2b	HDDV3	HDDV4	HDDV5	HDDV6
	HDDV7	HDDV8a	HDDV8b	MC	HDGB	HDDBT	HDDBS	LDDT34	TOTALS	
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URBAN INTERSTATE	6851.646	544.492	2625.652	519.449	347.645	475.794	224.070	87.344	44.526	140.831
61.598	61.949	12.678	10.752	2.365	572.861	296.580	212.308	152.364	704.794	502.671
1565.693	10142.817		24.260	55.574	354.981	449.790	15.822	27061.302		
URBAN OTHER FREEWAY	2853.170	226.633	1092.901	216.348	144.776	197.049	92.798	36.173	18.440	58.325
25.511	25.656	5.250	4.464	0.981	236.064	122.214	87.488	62.786	290.460	207.175
646.042	4090.645	10.025	23.389	149.680	189.656	6.572	11120.671			
TOLL ROADS	3546.628	285.467	1371.163	272.449	181.732	247.135	116.399	45.371	23.139	73.164
31.999	32.184	6.584	6.418	1.392	331.174	171.454	122.736	88.082	406.472	289.412
876.059	5568.932	13.542	31.248	223.702	283.446	9.504	14656.988			
RAMPS (FWY/TOLL/FRNT	138.592	12.996	60.240	12.606	8.205	9.113	4.293	1.673	0.853	2.697
1.180	1.186	0.243	0.151	0.038	10.620	5.498	3.936	2.824	12.841	9.045
22.317	117.368	0.391	0.894	5.023	6.364	0.250	451.437			
URBAN PRIN. ART.	2365.009	199.633	966.991	199.398	134.023	152.511	71.822	27.996	14.268	45.135
19.745	19.853	4.064	2.831	0.719	206.575	106.947	76.557	54.942	243.705	172.949
488.908	2368.371	6.327	14.407	93.570	118.562	4.705	8180.525			
URBAN OTHER ART.	4378.391	368.316	1783.131	367.748	247.035	273.357	128.730	50.179	25.574	80.898
35.390	35.584	7.284	5.212	1.324	378.481	195.946	140.267	100.664	446.644	316.938
894.551	4355.529	11.411	26.016	172.340	218.371	8.668	15053.979			
URBAN COLLECTOR	280.341	31.486	152.594	33.986	22.858	27.962	13.169	5.133	2.617	8.277
3.620	3.641	0.745	0.336	0.113	39.575	20.489	14.667	10.526	46.676	33.127
93.771	278.155	0.880	3.925	25.138	31.852	0.741	1186.399			
LOCAL (CENT. CONN.)	8351.253	941.314	4530.840	1027.580	687.996	781.191	367.995	143.389	73.093	231.145
101.146	101.694	20.825	10.087	3.328	1148.800	594.754	425.755	305.543	1355.966	962.141
2712.716	8060.969	25.067	111.799	734.287	930.400	22.269	34763.342			
RURAL INTERSTATE	23824.545		1923.641	9149.659	1849.575	1226.660	1611.379	758.995	295.729	150.754
476.835	208.705	209.819	42.945	43.768	9.120	2219.861	1149.260	822.702	590.416	2723.719
1938.877	5846.434	38541.204		87.555	191.969	1409.415	1785.827	64.389	99153.756	

RURAL OTHER FREEWAY	2773.823	221.053	1065.180	211.083	141.166	190.812	89.863	35.028	17.857	56.478
24.703	24.844	5.084	4.455	0.978	232.963	120.609	86.338	61.961	286.513	204.294
633.641	4028.765	9.885	23.122	151.092	191.445	6.573	10899.610			
RURAL PRIN. ART.	12747.057		1132.330	5437.893	1144.078	764.867	956.022	450.363	175.466	89.439
282.853	123.811	124.451	25.471	18.125	4.407	1252.879	648.637	464.322	333.226	1481.043
1050.400	2938.464	14540.549		42.216	93.028	578.088	732.489	30.236	47662.210	
RURAL OTHER ART.	26165.627		2281.795	10992.040		2296.494	1538.915	1837.816	865.654	337.318
171.926	543.787	237.990	239.237	48.969	35.864	8.812	2491.342	1289.811	923.302	662.618
2944.254	2088.324	5850.257	28836.082		81.644	180.169	1159.801	1469.570	59.785	95639.204
RURAL MAJOR COL.	2459.572	289.633	1392.938	319.675	213.965	277.628	130.814	50.957	25.963	82.096
35.932	36.120	7.398	3.835	1.220	428.630	221.909	158.854	114.001	507.929	359.973
994.080	2991.192	9.764	40.206	276.825	350.756	8.416	11790.281			
RURAL COLLECTOR	1456.451	174.162	830.559	191.694	127.559	167.775	79.048	30.789	15.692	49.625
21.727	21.838	4.473	2.079	0.662	228.180	118.133	84.565	60.688	269.840	191.357
534.202	1598.034	5.624	24.736	150.746	191.007	4.598	6635.844			
LOCAL (INTRAZONAL)	399.977	45.750	218.912	50.112	33.462	38.434	18.106	7.053	3.594	11.369
4.977	5.003	1.025	0.483	0.157	53.237	27.562	19.730	14.159	62.793	44.565
126.108	372.209	1.270	5.384	33.390	42.308	1.059	1642.188			
TOTALS	98592.082		8678.701	41670.693		8712.275	5820.864	7243.978	3412.118	1329.600
677.736	2143.514	938.033	943.058	193.039	148.859	35.617	9831.241	5089.804	3643.527	2614.801
11783.649	8371.250	24223.244		125890.822		329.860	825.866	5518.078	6991.844	243.586
385897.737										