Appendix B

On-road Mobile Emissions Summaries

Lafourche Parish Sec. 110(a)(1) Maintenance Plan

Appendix B

LAFOURCHE PARISH ONROAD MOBILE
EMISSION SUMMARIES

Including:
MOBILE6 Input and Output files for
2002, 2008, 2011, and 2014; RVP 7.8

2002 ACTUAL ON-ROAD MOBILE EMISSIONS INVENTORY
LAFOURCHE PARISH
PEAK OZONE SEASON, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOx (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOx (TPD)
01	63.0	1.200	4.833	0	0.00	0.00
02	58.5	1.275	2.596	402,398	0.57	1.15
06	49.5	1.325	2.122	471,163	0.69	1.10
07	45.0	1.371	1.789	847,147	1.28	1.67
08	36.0	1.457	1.816	128,156	0.21	0.26
09	27.0	2.291	1.818	80,443	0.20	0.16
11	58.5	1.282	2.515	0	0.00	0.00
12	58.5	1.302	2.070	42,418	0.06	0.10
14	49.5	1.352	1.651	103,298	0.15	0.19
16	45.0	1.394	1.470	331,500	0.51	0.54
17	36.0	1.476	1.408	40,994	0.07	0.06
19	27.0	2.293	1.324	25,035	0.06	0.04
				2,472,553	3.80	5.26

ROADWAY FUNCTIONAL CLASS CODE

01 - RURAL PRINCIPAL ARTERIAL, INTERSTATE
02 - RURAL PRINCIPAL ARTERIAL, OTHER
06 - RURAL MINOR ARTERIAL
07 - RURAL MAJOR COLLECTOR
08 - RURAL MINOR COLLECTOR
09 - RURAL LOCAL ROAD

11 - URBAN PRINCIPAL ARTERIAL, INTERSTATE
12 - URBAN PRINCIPAL ARTERIAL, FREEWAY
14 - URBAN PRINCIPAL ARTERIAL, OTHER
16 - URBAN MINOR ARTERIAL
17 - URBAN COLLECTOR
19 - URBAN LOCAL ROAD

LDEQ, OEA, 7/26/2006

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* Lafourche Parish; Ozone Season, 2002
******************  Header Section  ***************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
******************  Run Section  ******************************
>Year 2002 - Lafourche Parish Emission Factors
NO REFUELING       :
MIN/MAX TEMP       : 72.9 91.1
ABSOLUTE HUMIDITY  : 150.5
FUEL RVP           : 7.8
REG DIST           : LA_REGD.D
ANTI-TAMP PROG     : 00 80 95 22222 21111111 1 11 072. 22222222
******************  Scenario Section  *************************
SCENARIO REC       : Rural interstate, 63.0
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 63.0 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.599  0.038  0.127  0.014  0.007  0.068  0.007  0.005
0.004  0.015  0.017  0.019  0.069  0.003  0.002  0.006
******************  Scenario Section  *************************
SCENARIO REC       : Rural principal arterial, 58.5
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.652  0.048  0.160  0.016  0.008  0.036  0.004  0.003
0.002  0.008  0.009  0.010  0.037  0.002  0.001  0.004
******************  Scenario Section  *************************
SCENARIO REC       : Rural minor arterial, 49.5
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.672  0.046  0.155  0.017  0.008  0.032  0.003  0.002
0.002  0.007  0.008  0.009  0.032  0.002  0.001  0.004
******************  Scenario Section  *************************
SCENARIO REC       : Rural major collector, 45.0
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.667  0.054  0.178  0.017  0.008  0.023  0.002  0.002
0.001  0.005  0.006  0.007  0.024  0.001  0.001  0.004
******************  Scenario Section  *************************
SCENARIO REC       : Rural minor collector, 36.0
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.639  0.056  0.186  0.009  0.004  0.027  0.003  0.002
0.002  0.006  0.007  0.008  0.027  0.001  0.001  0.022
******************  Scenario Section  *************************
SCENARIO REC       : Rural local, 27.0
CALENDAR YEAR      : 2002
EVALUATION MONTH   : 7
ALTITUDE           : 1
VMT BY FACILITY    : localvmt.d
VMT FRACTIONS      :
0.654  0.057  0.189  0.003  0.002  0.024  0.002  0.002
0.001  0.005  0.006  0.007  0.025  0.001  0.001  0.021
```

```
******************  Scenario Section  ************************
SCENARIO REC        : Urban interstate, 58.5
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS       :
0.720   0.037   0.122   0.019   0.009   0.030   0.003   0.002
0.002   0.006   0.008   0.008   0.030   0.001   0.001   0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban other expressway, 58.5
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS       :
0.764   0.034   0.112   0.018   0.008   0.020   0.002   0.002
0.001   0.004   0.005   0.006   0.021   0.001   0.000   0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban principal arterial, 49.5
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.766   0.034   0.113   0.018   0.008   0.018   0.002   0.001
0.001   0.004   0.005   0.005   0.018   0.001   0.000   0.006
******************  Scenario Section  ************************
SCENARIO REC        : Urban minor arterial, 45.0
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.773   0.040   0.131   0.009   0.004   0.013   0.001   0.001
0.001   0.003   0.003   0.004   0.014   0.001   0.000   0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban collector, 36.0
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.772   0.037   0.125   0.007   0.003   0.013   0.001   0.001
0.001   0.003   0.003   0.004   0.013   0.001   0.000   0.016
******************  Scenario Section  ************************
SCENARIO REC        : Urban local, 27.0
CALENDAR YEAR       : 2002
EVALUATION MONTH    : 7
ALTITUDE            : 1
VMT BY FACILITY     : localvmt.d
VMT FRACTIONS       :
0.797   0.037   0.122   0.003   0.001   0.008   0.001   0.001
0.000   0.002   0.002   0.002   0.009   0.000   0.000   0.015

END OF RUN
```

```
*****************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                                *
* Input file: C:\MOBILE6\RUN\LAFOUSIP\22057_02.IN (file 1, run 1).          *
*****************************************************************************
*Year 2002 - Lafourche Parish Emission Factors
  M603 Comment:
               User has disabled the calculation of REFUELING emissions.


* Reading Registration Distributions from the following external
* data file: LA_REGD.D

* # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate, 63.0

* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 63.0
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
               User supplied VMT mix.
  M 48 Warning:
               there are no sales for vehicle class HDGV8b

                     Calendar Year:  2002
                             Month:  July
                          Altitude:  Low
                Minimum Temperature:  72.9 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 psi
                Fuel Sulfur Content:  279. ppm

                Exhaust I/M Program:  No
                   Evap I/M Program:  No
                        ATP Program:  Yes
                  Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.5978	0.1648	0.0207		0.0633	0.0012	0.0005	0.1457	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.335	1.374	0.864	1.317	1.161	0.663	1.121	0.441	2.99	1.200
Composite NOX :	1.089	1.177	1.168	1.176	5.994	2.576	2.896	24.517	1.36	4.833

```
* # # # # # # # # # # # # # # # # # # # # # # # #
```

```
* Rural principal arterial, 58.5

* File 1, Run 1, Scenario 2.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 58.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2002
                            Month:  July
                         Altitude:  Low
                Minimum Temperature:  72.9 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:  7.8 psi
                      Weathered RVP:  7.5 psi
                Fuel Sulfur Content:  279. ppm

                Exhaust I/M Program:  No
                   Evap I/M Program:  No
                        ATP Program:  Yes
                  Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6507	0.2078	0.0236		0.0337	0.0013	0.0006	0.0783	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.350	1.393	0.870	1.339	1.185	0.665	1.173	0.443	2.67	1.275
Composite NOX :	1.077	1.158	1.148	1.157	5.836	2.176	2.505	18.150	1.26	2.596

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial, 49.5

* File 1, Run 1, Scenario 3.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 49.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b
```

```
                Calendar Year:  2002
                        Month:  July
                     Altitude:  Low
            Minimum Temperature:  72.9 (F)
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.5 psi
            Fuel Sulfur Content:  279. ppm

            Exhaust I/M Program:  No
               Evap I/M Program:  No
                    ATP Program:  Yes
               Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6707	0.2008	0.0246		0.0299	0.0013	0.0006	0.0681	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.391	1.440	0.886	1.379	1.258	0.685	1.163	0.475	2.43	1.325
Composite NOX :	1.055	1.122	1.106	1.120	5.489	1.691	1.923	14.529	1.07	2.122

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* Rural major collector, 45.0

* File 1, Run 1, Scenario 4.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                Calendar Year:  2002
                        Month:  July
                     Altitude:  Low
            Minimum Temperature:  72.9 (F)
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.5 psi
            Fuel Sulfur Content:  279. ppm

            Exhaust I/M Program:  No
               Evap I/M Program:  No
```

ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6657	0.2318	0.0246		0.0212	0.0013	0.0006	0.0508	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.418	1.466	0.897	1.412	1.313	0.705	1.265	0.507	2.45	1.371
Composite NOX :	1.046	1.103	1.088	1.102	5.296	1.555	1.831	13.600	1.02	1.789

* #
* Rural minor collector, 36.0

* File 1, Run 1, Scenario 5.
* #
M583 Warning:
The user supplied arterial average speed of 36.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

Calendar Year: 2002
Month: July
Altitude: Low
Minimum Temperature: 72.9 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 psi
Fuel Sulfur Content: 279. ppm

Exhaust I/M Program: No
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6378	0.2418	0.0128		0.0254	0.0012	0.0004	0.0586	0.0220	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.481	1.523	0.922	1.493	1.539	0.771	1.761	0.596	2.58	1.457
Composite NOX :	1.032	1.074	1.054	1.073	4.968	1.440	1.983	12.526	0.98	1.816

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural local, 27.0

* File 1, Run 1, Scenario 6.
* # # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2002
                            Month:  July
                         Altitude:  Low
                Minimum Temperature:  72.9 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 psi
                Fuel Sulfur Content:  279. ppm

                Exhaust I/M Program:  No
                   Evap I/M Program:  No
                        ATP Program:  Yes
                   Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6527	0.2458	0.0049		0.0220	0.0013	0.0003	0.0520	0.0210	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.283	2.274	1.448	2.258	3.819	1.248	3.214	1.309	3.84	2.291
Composite NOX :	1.085	1.052	1.061	1.052	4.062	1.918	3.063	14.161	0.80	1.818

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban interstate, 58.5

* File 1, Run 1, Scenario 7.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
```

there are no sales for vehicle class HDGV8b

Calendar Year:	2002
Month:	July
Altitude:	Low
Minimum Temperature:	72.9 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	151. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 psi
Fuel Sulfur Content:	279. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7186	0.1588	0.0276		0.0278	0.0014	0.0006	0.0632	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.350	1.393	0.869	1.315	1.157	0.665	0.971	0.444	2.67	1.282
Composite NOX :	1.077	1.158	1.145	1.156	5.811	2.176	2.285	21.465	1.26	2.515

* #
* Urban other expressway, 58.5

* File 1, Run 1, Scenario 8.
* #
M581 Warning:
The user supplied freeway average speed of 58.5
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

Calendar Year:	2002
Month:	July
Altitude:	Low
Minimum Temperature:	72.9 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	151. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 psi
Fuel Sulfur Content:	279. ppm
Exhaust I/M Program:	No

```
                Evap I/M Program:  No
                    ATP Program:  Yes
                Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7625	0.1459	0.0256		0.0185	0.0015	0.0005	0.0435	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.350	1.393	0.869	1.314	1.178	0.665	0.966	0.443	2.67	1.302
Composite NOX :	1.077	1.158	1.141	1.155	5.823	2.176	2.280	21.524	1.26	2.070

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* Urban principal arterial, 49.5

* File 1, Run 1, Scenario 9.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 49.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                  Calendar Year:  2002
                          Month:  July
                       Altitude:  Low
              Minimum Temperature:  72.9 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 psi
              Fuel Sulfur Content:  279. ppm

              Exhaust I/M Program:  No
                 Evap I/M Program:  No
                     ATP Program:  Yes
                 Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7645	0.1469	0.0256		0.0168	0.0015	0.0005	0.0382	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.391	1.440	0.886	1.357	1.254	0.685	0.995	0.473	2.43	1.352
Composite NOX :	1.055	1.121	1.102	1.118	5.488	1.691	1.778	14.386	1.07	1.651

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban minor arterial, 45.0

* File 1, Run 1, Scenario 10.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2002
                            Month:  July
                         Altitude:  Low
                Minimum Temperature:  72.9 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 psi
                Fuel Sulfur Content:  279. ppm

                Exhaust I/M Program:  No
                   Evap I/M Program:  No
                        ATP Program:  Yes
                  Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7715	0.1708	0.0128		0.0123	0.0015	0.0004	0.0287	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.418	1.466	0.897	1.427	1.352	0.705	1.457	0.507	2.45	1.394
Composite NOX :	1.046	1.103	1.084	1.102	5.335	1.555	1.982	13.580	1.02	1.470

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban collector, 36.0

* File 1, Run 1, Scenario 11.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 36.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
```

```
 M 48 Warning:
             there are no sales for vehicle class HDGV8b

                   Calendar Year:  2002
                           Month:  July
                        Altitude:  Low
                 Minimum Temperature:  72.9 (F)
                 Maximum Temperature:  91.1 (F)
                   Absolute Humidity:  151. grains/lb
                    Nominal Fuel RVP:   7.8 psi
                       Weathered RVP:   7.5 psi
                 Fuel Sulfur Content:  279. ppm

                 Exhaust I/M Program:  No
                    Evap I/M Program:  No
                         ATP Program:  Yes
                    Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7705	0.1618	0.0099		0.0123	0.0015	0.0003	0.0277	0.0160	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.481	1.523	0.921	1.489	1.582	0.771	1.680	0.598	2.58	1.476
Composite NOX :	1.032	1.075	1.051	1.073	4.993	1.440	1.926	12.548	0.98	1.408

```
* # # # # # # # # # # # # # # # # # # # # # # #
* Urban local, 27.0

* File 1, Run 1, Scenario 12.
* # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
               User supplied VMT mix.
  M 48 Warning:
             there are no sales for vehicle class HDGV8b

                   Calendar Year:  2002
                           Month:  July
                        Altitude:  Low
                 Minimum Temperature:  72.9 (F)
                 Maximum Temperature:  91.1 (F)
                   Absolute Humidity:  151. grains/lb
                    Nominal Fuel RVP:   7.8 psi
                       Weathered RVP:   7.5 psi
                 Fuel Sulfur Content:  279. ppm
```

Exhaust I/M Program: No
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7955	0.1588	0.0039		0.0073	0.0015	0.0002	0.0177	0.0150	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	2.283	2.274	1.434	2.254	3.725	1.248	3.091	1.295	3.84	2.293
Composite NOX :	1.085	1.051	1.014	1.050	4.041	1.918	2.978	13.877	0.80	1.324

2008 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
LAFOURCHE PARISH
PEAK OZONE SEASON, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOx (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOx (TPD)
01	63.0	0.683	2.706	0	0.00	0.00
02	58.5	0.723	1.510	463,678	0.37	0.77
06	49.5	0.759	1.217	542,915	0.45	0.73
07	45.0	0.789	1.022	976,157	0.85	1.10
08	36.0	0.866	1.041	147,673	0.14	0.17
09	27.0	1.343	1.099	80,443	0.12	0.10
11	58.5	0.723	1.395	0	0.00	0.00
12	58.5	0.734	1.148	49,454	0.04	0.06
14	49.5	0.775	0.941	119,824	0.10	0.12
16	45.0	0.799	0.834	383,879	0.34	0.35
17	36.0	0.869	0.802	41,095	0.04	0.04
19	27.0	1.336	0.779	25,035	0.04	0.02
				2,830,153	2.49	3.46

ROADWAY FUNCTIONAL CLASS CODE

01 - RURAL PRINCIPAL ARTERIAL, INTERSTATE
02 - RURAL PRINCIPAL ARTERIAL, OTHER
06 - RURAL MINOR ARTERIAL
07 - RURAL MAJOR COLLECTOR
08 - RURAL MINOR COLLECTOR
09 - RURAL LOCAL ROAD

11 - URBAN PRINCIPAL ARTERIAL, INTERSTATE
12 - URBAN PRINCIPAL ARTERIAL, FREEWAY
14 - URBAN PRINCIPAL ARTERIAL, OTHER
16 - URBAN MINOR ARTERIAL
17 - URBAN COLLECTOR
19 - URBAN LOCAL ROAD

LDEQ, OEA, 7/26/2006

```
* Lafourche Parish; Ozone Season, 2008
********************  Header Section  ***************************
MOBILE6 INPUT FILE :
POLLUTANTS          : HC NOX
RUN DATA
********************  Run Section  ******************************
>Year 2008 - Lafourche Parish Emission Factors
NO REFUELING        :
MIN/MAX TEMP        : 72.9 91.1
ABSOLUTE HUMIDITY   : 150.5
FUEL RVP            : 7.8
REG DIST            : LA_REGD.D
ANTI-TAMP PROG      : 00 80 95 22222 21111111 1 11 072. 22222222
********************  Scenario Section  *************************
SCENARIO REC        : Rural interstate, 63.0
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 63.0 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS       :
0.599  0.038  0.127  0.014  0.007  0.068  0.007  0.005
0.004  0.015  0.017  0.019  0.069  0.003  0.002  0.006
********************  Scenario Section  *************************
SCENARIO REC        : Rural principal arterial, 58.5
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.652  0.048  0.160  0.016  0.008  0.036  0.004  0.003
0.002  0.008  0.009  0.010  0.037  0.002  0.001  0.004
********************  Scenario Section  *************************
SCENARIO REC        : Rural minor arterial, 49.5
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.672  0.046  0.155  0.017  0.008  0.032  0.003  0.002
0.002  0.007  0.008  0.009  0.032  0.002  0.001  0.004
********************  Scenario Section  *************************
SCENARIO REC        : Rural major collector, 45.0
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.667  0.054  0.178  0.017  0.008  0.023  0.002  0.002
0.001  0.005  0.006  0.007  0.024  0.001  0.001  0.004
********************  Scenario Section  *************************
SCENARIO REC        : Rural minor collector, 36.0
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.639  0.056  0.186  0.009  0.004  0.027  0.003  0.002
0.002  0.006  0.007  0.008  0.027  0.001  0.001  0.022
********************  Scenario Section  *************************
SCENARIO REC        : Rural local, 27.0
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
VMT BY FACILITY     : localvmt.d
VMT FRACTIONS       :
0.654  0.057  0.189  0.003  0.002  0.024  0.002  0.002
0.001  0.005  0.006  0.007  0.025  0.001  0.001  0.021
```

```
******************  Scenario Section  ************************
SCENARIO REC        : Urban interstate, 58.5
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS       :
0.720  0.037  0.122  0.019  0.009  0.030  0.003  0.002
0.002  0.006  0.008  0.008  0.030  0.001  0.001  0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban other expressway, 58.5
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS       :
0.764  0.034  0.112  0.018  0.008  0.020  0.002  0.002
0.001  0.004  0.005  0.006  0.021  0.001  0.000  0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban principal arterial, 49.5
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.766  0.034  0.113  0.018  0.008  0.018  0.002  0.001
0.001  0.004  0.005  0.005  0.018  0.001  0.000  0.006
******************  Scenario Section  ************************
SCENARIO REC        : Urban minor arterial, 45.0
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.773  0.040  0.131  0.009  0.004  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.014  0.001  0.000  0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban collector, 36.0
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.772  0.037  0.125  0.007  0.003  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.013  0.001  0.000  0.016
******************  Scenario Section  ************************
SCENARIO REC        : Urban local, 27.0
CALENDAR YEAR       : 2008
EVALUATION MONTH    : 7
ALTITUDE            : 1
VMT BY FACILITY     : localvmt.d
VMT FRACTIONS       :
0.797  0.037  0.122  0.003  0.001  0.008  0.001  0.001
0.000  0.002  0.002  0.002  0.009  0.000  0.000  0.015

END OF RUN
```

```
*******************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                                  *
* Input file: C:\MOBILE6\RUN\LAFOUSIP\22057_08.IN (file 1, run 1).            *
*******************************************************************************
*Year 2008 - Lafourche Parish Emission Factors
  M603 Comment:
               User has disabled the calculation of REFUELING emissions.


* Reading Registration Distributions from the following external
* data file: LA_REGD.D

* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate, 63.0

* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 63.0
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
               User supplied VMT mix.
  M 48 Warning:
               there are no sales for vehicle class HDGV8b

                     Calendar Year:  2008
                             Month:  July
                          Altitude:  Low
                 Minimum Temperature:  72.9 (F)
                 Maximum Temperature:  91.1 (F)
                   Absolute Humidity:  151. grains/lb
                    Nominal Fuel RVP:   7.8 psi
                       Weathered RVP:   7.5 psi
                 Fuel Sulfur Content:   30. ppm

                 Exhaust I/M Program:  No
                    Evap I/M Program:  No
                         ATP Program:  Yes
                   Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.5984	0.1650	0.0207		0.0622	0.0006	0.0003	0.1468	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.741	0.780	0.464	0.744	0.669	0.311	0.315	0.284	2.93	0.683
Composite NOX :	0.605	0.727	0.707	0.725	3.532	1.299	1.033	13.490	1.36	2.706

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
```

```
* Rural principal arterial, 58.5

* File 1, Run 1, Scenario 2.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 58.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2008
                            Month:  July
                         Altitude:  Low
                Minimum Temperature:  72.9 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 psi
                Fuel Sulfur Content:   30. ppm

                Exhaust I/M Program:  No
                   Evap I/M Program:  No
                        ATP Program:  Yes
                   Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6513	0.2080	0.0236		0.0331	0.0007	0.0004	0.0789	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.754	0.792	0.472	0.760	0.681	0.312	0.326	0.286	2.62	0.723
Composite NOX :	0.598	0.715	0.696	0.713	3.439	1.097	0.883	10.586	1.26	1.510

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial, 49.5

* File 1, Run 1, Scenario 3.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 49.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b
```

```
                Calendar Year:  2008
                        Month:  July
                     Altitude:  Low
            Minimum Temperature:  72.9 (F)
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:  7.8 psi
                   Weathered RVP:  7.5 psi
            Fuel Sulfur Content:  30. ppm

            Exhaust I/M Program:  No
               Evap I/M Program:  No
                    ATP Program:  Yes
               Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6713	0.2010	0.0246		0.0293	0.0007	0.0004	0.0687	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.788	0.825	0.490	0.789	0.724	0.322	0.330	0.307	2.37	0.759
Composite NOX :	0.585	0.693	0.672	0.691	3.238	0.853	0.678	8.266	1.07	1.217

```
* # # # # # # # # # # # # # # # # # # # # # # #
* Rural major collector, 45.0

* File 1, Run 1, Scenario 4.
* # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                Calendar Year:  2008
                        Month:  July
                     Altitude:  Low
            Minimum Temperature:  72.9 (F)
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  151. grains/lb
                Nominal Fuel RVP:  7.8 psi
                   Weathered RVP:  7.5 psi
            Fuel Sulfur Content:  30. ppm

            Exhaust I/M Program:  No
               Evap I/M Program:  No
```

ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6663	0.2320	0.0246		0.0208	0.0007	0.0004	0.0512	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.809	0.843	0.501	0.810	0.753	0.332	0.355	0.325	2.39	0.789
Composite NOX :	0.580	0.682	0.662	0.680	3.120	0.784	0.636	7.646	1.02	1.022

* #
* Rural minor collector, 36.0

* File 1, Run 1, Scenario 5.
* #
M583 Warning:
The user supplied arterial average speed of 36.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

Calendar Year: 2008
Month: July
Altitude: Low
Minimum Temperature: 72.9 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6383	0.2420	0.0128		0.0250	0.0007	0.0002	0.0590	0.0220	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.855	0.882	0.525	0.864	0.865	0.363	0.497	0.383	2.52	0.866
Composite NOX :	0.572	0.665	0.643	0.664	2.928	0.726	0.675	6.974	0.98	1.041

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural local, 27.0

* File 1, Run 1, Scenario 6.
* # # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2008
                            Month:  July
                         Altitude:  Low
                Minimum Temperature:  72.9 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 psi
                Fuel Sulfur Content:   30. ppm

                Exhaust I/M Program:  No
                   Evap I/M Program:  No
                        ATP Program:  Yes
                  Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6533	0.2460	0.0049		0.0216	0.0007	0.0001	0.0524	0.0210	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.306	1.300	0.827	1.291	1.952	0.592	1.153	0.840	3.79	1.343
Composite NOX :	0.614	0.668	0.674	0.668	2.393	0.967	1.195	8.802	0.80	1.099

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban interstate, 58.5

* File 1, Run 1, Scenario 7.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
```

there are no sales for vehicle class HDGV8b

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	72.9 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	151. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7192	0.1590	0.0276		0.0274	0.0008	0.0004	0.0636	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.754	0.792	0.472	0.745	0.671	0.312	0.291	0.285	2.62	0.723
Composite NOX :	0.598	0.715	0.694	0.712	3.423	1.097	0.840	11.538	1.26	1.395

* #
* Urban other expressway, 58.5

* File 1, Run 1, Scenario 8.
* #
M581 warning:
The user supplied freeway average speed of 58.5
will be used for all hours of the day. 100% of VMT
has been assigned to the freeway roadway type for
all hours of the day and all vehicle types.
M615 Comment:
User supplied VMT mix.
M 48 warning:
there are no sales for vehicle class HDGV8b

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	72.9 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	151. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No

Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7632	0.1460	0.0256		0.0182	0.0008	0.0004	0.0438	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.754	0.792	0.471	0.744	0.678	0.312	0.291	0.287	2.62	0.734
Composite NOX :	0.598	0.715	0.690	0.711	3.430	1.097	0.839	11.484	1.26	1.148

* #
* Urban principal arterial, 49.5

* File 1, Run 1, Scenario 9.
* #
M583 Warning:
The user supplied arterial average speed of 49.5
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

Calendar Year: 2008
Month: July
Altitude: Low
Minimum Temperature: 72.9 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7652	0.1470	0.0256		0.0165	0.0008	0.0004	0.0385	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.788	0.825	0.490	0.775	0.720	0.322	0.302	0.307	2.37	0.775
Composite NOX :	0.585	0.693	0.669	0.689	3.234	0.853	0.650	8.142	1.07	0.941

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban minor arterial, 45.0

* File 1, Run 1, Scenario 10.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                  Calendar Year:  2008
                          Month:  July
                       Altitude:  Low
              Minimum Temperature:  72.9 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 psi
              Fuel Sulfur Content:   30. ppm

              Exhaust I/M Program:  No
                 Evap I/M Program:  No
                      ATP Program:  Yes
                Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7722	0.1710	0.0128		0.0120	0.0008	0.0002	0.0290	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.809	0.843	0.501	0.819	0.774	0.332	0.398	0.329	2.39	0.799
Composite NOX :	0.580	0.682	0.659	0.680	3.153	0.784	0.676	7.594	1.02	0.834

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban collector, 36.0

* File 1, Run 1, Scenario 11.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 36.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
```

M 48 Warning:
there are no sales for vehicle class HDGV8b

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	72.9 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	151. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7712	0.1620	0.0099		0.0120	0.0008	0.0002	0.0280	0.0160	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.855	0.882	0.524	0.861	0.886	0.363	0.470	0.389	2.52	0.869
Composite NOX :	0.572	0.665	0.641	0.664	2.951	0.726	0.654	6.963	0.98	0.802

* #
* Urban local, 27.0

* File 1, Run 1, Scenario 12.
* #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

Calendar Year:	2008
Month:	July
Altitude:	Low
Minimum Temperature:	72.9 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	151. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program: No
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7961	0.1590	0.0039		0.0072	0.0009	0.0001	0.0178	0.0150	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.306	1.300	0.818	1.289	1.904	0.592	1.052	0.834	3.79	1.336
Composite NOX :	0.614	0.668	0.640	0.667	2.370	0.967	1.112	8.544	0.80	0.779

2011 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
LAFOURCHE PARISH
PEAK OZONE SEASON, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOx (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOx (TPD)
01	63.0	0.552	1.901	0	0.00	0.00
02	58.5	0.583	1.095	490,078	0.31	0.59
06	49.5	0.608	0.891	573,825	0.38	0.56
07	45.0	0.632	0.758	1,031,734	0.72	0.86
08	36.0	0.701	0.775	156,080	0.12	0.13
09	27.0	1.071	0.826	65,840	0.08	0.06
11	58.5	0.580	1.007	0	0.00	0.00
12	58.5	0.587	0.840	52,000	0.03	0.05
14	49.5	0.620	0.701	124,219	0.08	0.10
16	45.0	0.636	0.628	396,023	0.28	0.27
17	36.0	0.697	0.609	23,604	0.02	0.02
19	27.0	1.057	0.603	14,169	0.02	0.01
				2,927,571	2.05	2.65

ROADWAY FUNCTIONAL CLASS CODE

01 - RURAL PRINCIPAL ARTERIAL, INTERSTATE
02 - RURAL PRINCIPAL ARTERIAL, OTHER
06 - RURAL MINOR ARTERIAL
07 - RURAL MAJOR COLLECTOR
08 - RURAL MINOR COLLECTOR
09 - RURAL LOCAL ROAD

11 - URBAN PRINCIPAL ARTERIAL, INTERSTATE
12 - URBAN PRINCIPAL ARTERIAL, FREEWAY
14 - URBAN PRINCIPAL ARTERIAL, OTHER
16 - URBAN MINOR ARTERIAL
17 - URBAN COLLECTOR
19 - URBAN LOCAL ROAD

LDEQ, OEA, 7/26/2006

```
* Lafourche Parish; Ozone Season, 2011
******************  Header Section  ***************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
******************  Run Section  ******************************
>Year 2011 - Lafourche Parish Emission Factors
NO REFUELING       :
MIN/MAX TEMP       : 72.9 91.1
ABSOLUTE HUMIDITY  : 150.5
FUEL RVP           : 7.8
REG DIST           : LA_REGD.D
ANTI-TAMP PROG     : 00 80 95 22222 21111111 1 11 072. 22222222
******************  Scenario Section  *************************
SCENARIO REC       : Rural interstate, 63.0
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 63.0 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.599  0.038  0.127  0.014  0.007  0.068  0.007  0.005
0.004  0.015  0.017  0.019  0.069  0.003  0.002  0.006
******************  Scenario Section  *************************
SCENARIO REC       : Rural principal arterial, 58.5
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.652  0.048  0.160  0.016  0.008  0.036  0.004  0.003
0.002  0.008  0.009  0.010  0.037  0.002  0.001  0.004
******************  Scenario Section  *************************
SCENARIO REC       : Rural minor arterial, 49.5
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.672  0.046  0.155  0.017  0.008  0.032  0.003  0.002
0.002  0.007  0.008  0.009  0.032  0.002  0.001  0.004
******************  Scenario Section  *************************
SCENARIO REC       : Rural major collector, 45.0
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.667  0.054  0.178  0.017  0.008  0.023  0.002  0.002
0.001  0.005  0.006  0.007  0.024  0.001  0.001  0.004
******************  Scenario Section  *************************
SCENARIO REC       : Rural minor collector, 36.0
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.639  0.056  0.186  0.009  0.004  0.027  0.003  0.002
0.002  0.006  0.007  0.008  0.027  0.001  0.001  0.022
******************  Scenario Section  *************************
SCENARIO REC       : Rural local, 27.0
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
VMT BY FACILITY    : localvmt.d
VMT FRACTIONS      :
0.654  0.057  0.189  0.003  0.002  0.024  0.002  0.002
0.001  0.005  0.006  0.007  0.025  0.001  0.001  0.021
```

```
******************  Scenario Section  ************************
SCENARIO REC        : Urban interstate, 58.5
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS       :
0.720   0.037   0.122   0.019   0.009   0.030   0.003   0.002
0.002   0.006   0.008   0.008   0.030   0.001   0.001   0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban other expressway, 58.5
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS       :
0.764   0.034   0.112   0.018   0.008   0.020   0.002   0.002
0.001   0.004   0.005   0.006   0.021   0.001   0.000   0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban principal arterial, 49.5
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.766   0.034   0.113   0.018   0.008   0.018   0.002   0.001
0.001   0.004   0.005   0.005   0.018   0.001   0.000   0.006
******************  Scenario Section  ************************
SCENARIO REC        : Urban minor arterial, 45.0
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.773   0.040   0.131   0.009   0.004   0.013   0.001   0.001
0.001   0.003   0.003   0.004   0.014   0.001   0.000   0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban collector, 36.0
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.772   0.037   0.125   0.007   0.003   0.013   0.001   0.001
0.001   0.003   0.003   0.004   0.013   0.001   0.000   0.016
******************  Scenario Section  ************************
SCENARIO REC        : Urban local, 27.0
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7
ALTITUDE            : 1
VMT BY FACILITY     : localvmt.d
VMT FRACTIONS       :
0.797   0.037   0.122   0.003   0.001   0.008   0.001   0.001
0.000   0.002   0.002   0.002   0.009   0.000   0.000   0.015

END OF RUN
```

```
*******************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                                  *
* Input file: C:\MOBILE6\RUN\LAFOUSIP\22057_11.IN (file 1, run 1).            *
*******************************************************************************
*Year 2011 - Lafourche Parish Emission Factors
  M603 Comment:
               User has disabled the calculation of REFUELING emissions.


* Reading Registration Distributions from the following external
* data file: LA_REGD.D

* # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate, 63.0

* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 63.0
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
                User supplied VMT mix.
  M 48 Warning:
               there are no sales for vehicle class HDGV8b

                     Calendar Year:  2011
                             Month:  July
                          Altitude:  Low
                Minimum Temperature:  72.9 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 psi
                Fuel Sulfur Content:   30. ppm

                Exhaust I/M Program:  No
                   Evap I/M Program:  No
                        ATP Program:  Yes
                   Reformulated Gas:  No

      Vehicle Type:      LDGV    LDGT12     LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC   All Veh
             GVWR:                <6000      >6000     (All)
                        ------    ------     ------    ------    ------    ------    ------    ------    ------    ------
  VMT Distribution:    0.5985    0.1650     0.0207              0.0622    0.0005    0.0003    0.1468    0.0060    1.0000
 -------------------------------------------------------------------------------------------------------------------------
 Composite Emission Factors (g/mi):
    Composite VOC :      0.587     0.657      0.372     0.625     0.526     0.139     0.158     0.236      2.89     0.552
    Composite NOX :      0.469     0.587      0.519     0.579     2.398     0.561     0.543     9.225      1.36     1.901
  -------------------------------------------------------------------------------------------------------------------------

* # # # # # # # # # # # # # # # # # # # # # # # #
```

```
* Rural principal arterial, 58.5

* File 1, Run 1, Scenario 2.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 58.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                  Calendar Year:  2011
                          Month:  July
                       Altitude:  Low
              Minimum Temperature:  72.9 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 psi
              Fuel Sulfur Content:   30. ppm

              Exhaust I/M Program:  No
                 Evap I/M Program:  No
                      ATP Program:  Yes
                 Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6514	0.2080	0.0236		0.0330	0.0006	0.0004	0.0790	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.596	0.666	0.377	0.637	0.533	0.140	0.159	0.238	2.58	0.583
Composite NOX :	0.464	0.578	0.511	0.571	2.335	0.473	0.458	7.311	1.26	1.095

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial, 49.5

* File 1, Run 1, Scenario 3.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 49.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
```

```
                Calendar Year:  2011
                        Month:  July
                     Altitude:  Low
            Minimum Temperature:  72.9 (F)
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.5 psi
            Fuel Sulfur Content:   30. ppm

            Exhaust I/M Program:  No
               Evap I/M Program:  No
                    ATP Program:  Yes
              Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6714	0.2010	0.0246		0.0292	0.0006	0.0004	0.0688	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.621	0.690	0.390	0.657	0.564	0.145	0.166	0.255	2.33	0.608
Composite NOX :	0.454	0.561	0.492	0.553	2.200	0.367	0.353	5.706	1.07	0.891

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* Rural major collector, 45.0

* File 1, Run 1, Scenario 4.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                Calendar Year:  2011
                        Month:  July
                     Altitude:  Low
            Minimum Temperature:  72.9 (F)
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.5 psi
            Fuel Sulfur Content:   30. ppm

            Exhaust I/M Program:  No
               Evap I/M Program:  No
```

ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6664	0.2320	0.0246		0.0208	0.0006	0.0004	0.0512	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.636	0.703	0.398	0.674	0.585	0.150	0.173	0.270	2.35	0.632
Composite NOX :	0.450	0.552	0.485	0.546	2.119	0.337	0.325	5.268	1.02	0.758

* #
* Rural minor collector, 36.0

* File 1, Run 1, Scenario 5.
* #
M583 Warning:
The user supplied arterial average speed of 36.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

Calendar Year: 2011
Month: July
Altitude: Low
Minimum Temperature: 72.9 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6384	0.2420	0.0128		0.0249	0.0006	0.0002	0.0591	0.0220	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.671	0.732	0.415	0.716	0.658	0.166	0.200	0.318	2.48	0.701
Composite NOX :	0.445	0.539	0.471	0.536	1.987	0.312	0.305	4.796	0.98	0.775

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* Rural local, 27.0

* File 1, Run 1, Scenario 6.
* # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
               User supplied VMT mix.
  M 48 Warning:
               there are no sales for vehicle class HDGV8b

                     Calendar Year:  2011
                             Month:  July
                          Altitude:  Low
                 Minimum Temperature:  72.9 (F)
                 Maximum Temperature:  91.1 (F)
                   Absolute Humidity:  151. grains/lb
                    Nominal Fuel RVP:   7.8 psi
                       Weathered RVP:   7.5 psi
                 Fuel Sulfur Content:   30. ppm

                 Exhaust I/M Program:  No
                    Evap I/M Program:  No
                         ATP Program:  Yes
                    Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6534	0.2460	0.0049		0.0216	0.0006	0.0001	0.0524	0.0210	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.015	1.060	0.653	1.052	1.340	0.281	0.382	0.698	3.74	1.071
Composite NOX :	0.484	0.547	0.495	0.546	1.625	0.417	0.431	6.130	0.80	0.826

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* Urban interstate, 58.5

* File 1, Run 1, Scenario 7.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
               User supplied VMT mix.
  M 48 Warning:
```

there are no sales for vehicle class HDGV8b

```
      Calendar Year:  2011
              Month:  July
           Altitude:  Low
Minimum Temperature:  72.9 (F)
Maximum Temperature:  91.1 (F)
  Absolute Humidity:  151. grains/lb
   Nominal Fuel RVP:   7.8 psi
      Weathered RVP:   7.5 psi
Fuel Sulfur Content:   30. ppm

Exhaust I/M Program:  No
   Evap I/M Program:  No
        ATP Program:  Yes
   Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7194	0.1590	0.0276		0.0273	0.0006	0.0004	0.0637	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.596	0.666	0.377	0.623	0.530	0.140	0.158	0.237	2.58	0.580
Composite NOX :	0.464	0.578	0.509	0.567	2.324	0.473	0.455	7.867	1.26	1.007

```
* # # # # # # # # # # # # # # # # # # # # # # #
* Urban other expressway, 58.5

* File 1, Run 1, Scenario 8.
* # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b

                  Calendar Year:  2011
                          Month:  July
                       Altitude:  Low
                Minimum Temperature:  72.9 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 psi
                Fuel Sulfur Content:   30. ppm

                Exhaust I/M Program:  No
```

Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7633	0.1460	0.0256		0.0181	0.0007	0.0004	0.0439	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.596	0.666	0.376	0.623	0.532	0.140	0.158	0.239	2.58	0.587
Composite NOX :	0.464	0.578	0.506	0.567	2.329	0.473	0.455	7.817	1.26	0.840

* #
* Urban principal arterial, 49.5

* File 1, Run 1, Scenario 9.
* #
M583 Warning:
The user supplied arterial average speed of 49.5
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

Calendar Year: 2011
Month: July
Altitude: Low
Minimum Temperature: 72.9 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7653	0.1470	0.0256		0.0165	0.0007	0.0004	0.0385	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.621	0.690	0.390	0.645	0.562	0.145	0.164	0.255	2.33	0.620
Composite NOX :	0.454	0.561	0.490	0.550	2.197	0.367	0.352	5.599	1.07	0.701

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* Urban minor arterial, 45.0

* File 1, Run 1, Scenario 10.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2011
                            Month:  July
                         Altitude:  Low
                Minimum Temperature:  72.9 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  151. grains/lb
                   Nominal Fuel RVP:   7.8 psi
                      Weathered RVP:   7.5 psi
                Fuel Sulfur Content:   30. ppm

                Exhaust I/M Program:  No
                   Evap I/M Program:  No
                        ATP Program:  Yes
                   Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7723	0.1710	0.0128		0.0119	0.0007	0.0002	0.0291	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.636	0.703	0.398	0.682	0.595	0.150	0.175	0.274	2.35	0.636
Composite NOX :	0.450	0.552	0.483	0.547	2.144	0.337	0.327	5.231	1.02	0.628

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* Urban collector, 36.0

* File 1, Run 1, Scenario 11.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 36.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
```

M 48 Warning:
there are no sales for vehicle class HDGV8b

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	72.9 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	151. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7713	0.1620	0.0099		0.0119	0.0007	0.0001	0.0281	0.0160	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.671	0.732	0.415	0.714	0.666	0.166	0.199	0.324	2.48	0.697
Composite NOX :	0.445	0.539	0.470	0.535	2.006	0.312	0.304	4.794	0.98	0.609

* #
* Urban local, 27.0

* File 1, Run 1, Scenario 12.
* #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b

Calendar Year:	2011
Month:	July
Altitude:	Low
Minimum Temperature:	72.9 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	151. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 psi
Fuel Sulfur Content:	30. ppm

Exhaust I/M Program: No
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7963	0.1590	0.0039		0.0072	0.0007	0.0001	0.0178	0.0150	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	1.015	1.060	0.645	1.050	1.326	0.281	0.374	0.692	3.74	1.057
Composite NOX :	0.484	0.546	0.469	0.545	1.607	0.417	0.424	5.902	0.80	0.603

2014 PROJECTED ON-ROAD MOBILE EMISSIONS INVENTORY
LAFOURCHE PARISH
PEAK OZONE SEASON, RVP 7.8

ROAD CLASS	SPEED (MPH)	VOC (G/MI)	NOx (G/MI)	VMT (MI/DAY)	VOC (TPD)	NOx (TPD)
01	63.0	0.442	1.271	0	0.00	0.00
02	58.5	0.464	0.765	516,256	0.26	0.44
06	49.5	0.483	0.635	604,477	0.32	0.42
07	45.0	0.501	0.551	1,086,845	0.60	0.66
08	36.0	0.565	0.566	164,418	0.10	0.10
09	27.0	0.863	0.606	66,105	0.06	0.04
11	58.5	0.460	0.707	0	0.00	0.00
12	58.5	0.465	0.602	54,013	0.03	0.04
14	49.5	0.491	0.514	128,958	0.07	0.07
16	45.0	0.502	0.468	411,053	0.23	0.21
17	36.0	0.556	0.459	23,746	0.01	0.01
19	27.0	0.844	0.464	14,239	0.01	0.01
				3,070,109	1.70	2.01

ROADWAY FUNCTIONAL CLASS CODE

01 - RURAL PRINCIPAL ARTERIAL, INTERSTATE
02 - RURAL PRINCIPAL ARTERIAL, OTHER
06 - RURAL MINOR ARTERIAL
07 - RURAL MAJOR COLLECTOR
08 - RURAL MINOR COLLECTOR
09 - RURAL LOCAL ROAD

11 - URBAN PRINCIPAL ARTERIAL, INTERSTATE
12 - URBAN PRINCIPAL ARTERIAL, FREEWAY
14 - URBAN PRINCIPAL ARTERIAL, OTHER
16 - URBAN MINOR ARTERIAL
17 - URBAN COLLECTOR
19 - URBAN LOCAL ROAD

LDEQ, OEA, 7/26/2006

```
* Lafourche Parish; Ozone Season, 2014
******************  Header Section  ***************************
MOBILE6 INPUT FILE :
POLLUTANTS         : HC NOX
RUN DATA
******************  Run Section  ******************************
>Year 2014 - Lafourche Parish Emission Factors
NO REFUELING       :
MIN/MAX TEMP       : 72.9 91.1
ABSOLUTE HUMIDITY  : 150.5
FUEL RVP           : 7.8
REG DIST           : LA_REGD.D
ANTI-TAMP PROG     : 00 80 95 22222 21111111 1 11 072. 22222222
******************  Scenario Section  *************************
SCENARIO REC       : Rural interstate, 63.0
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 63.0 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS      :
0.599  0.038  0.127  0.014  0.007  0.068  0.007  0.005
0.004  0.015  0.017  0.019  0.069  0.003  0.002  0.006
******************  Scenario Section  *************************
SCENARIO REC       : Rural principal arterial, 58.5
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.652  0.048  0.160  0.016  0.008  0.036  0.004  0.003
0.002  0.008  0.009  0.010  0.037  0.002  0.001  0.004
******************  Scenario Section  *************************
SCENARIO REC       : Rural minor arterial, 49.5
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.672  0.046  0.155  0.017  0.008  0.032  0.003  0.002
0.002  0.007  0.008  0.009  0.032  0.002  0.001  0.004
******************  Scenario Section  *************************
SCENARIO REC       : Rural major collector, 45.0
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.667  0.054  0.178  0.017  0.008  0.023  0.002  0.002
0.001  0.005  0.006  0.007  0.024  0.001  0.001  0.004
******************  Scenario Section  *************************
SCENARIO REC       : Rural minor collector, 36.0
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS      :
0.639  0.056  0.186  0.009  0.004  0.027  0.003  0.002
0.002  0.006  0.007  0.008  0.027  0.001  0.001  0.022
******************  Scenario Section  *************************
SCENARIO REC       : Rural local, 27.0
CALENDAR YEAR      : 2014
EVALUATION MONTH   : 7
ALTITUDE           : 1
VMT BY FACILITY    : localvmt.d
VMT FRACTIONS      :
0.654  0.057  0.189  0.003  0.002  0.024  0.002  0.002
0.001  0.005  0.006  0.007  0.025  0.001  0.001  0.021
```

```
******************  Scenario Section  ************************
SCENARIO REC        : Urban interstate, 58.5
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS       :
0.720  0.037  0.122  0.019  0.009  0.030  0.003  0.002
0.002  0.006  0.008  0.008  0.030  0.001  0.001  0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban other expressway, 58.5
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 58.5 Non-Ramp 100.0 0.0 0.0 0.0
VMT FRACTIONS       :
0.764  0.034  0.112  0.018  0.008  0.020  0.002  0.002
0.001  0.004  0.005  0.006  0.021  0.001  0.000  0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban principal arterial, 49.5
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 49.5 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.766  0.034  0.113  0.018  0.008  0.018  0.002  0.001
0.001  0.004  0.005  0.005  0.018  0.001  0.000  0.006
******************  Scenario Section  ************************
SCENARIO REC        : Urban minor arterial, 45.0
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 45.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.773  0.040  0.131  0.009  0.004  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.014  0.001  0.000  0.002
******************  Scenario Section  ************************
SCENARIO REC        : Urban collector, 36.0
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 36.0 Arterial 0.0 100.0 0.0 0.0
VMT FRACTIONS       :
0.772  0.037  0.125  0.007  0.003  0.013  0.001  0.001
0.001  0.003  0.003  0.004  0.013  0.001  0.000  0.016
******************  Scenario Section  ************************
SCENARIO REC        : Urban local, 27.0
CALENDAR YEAR       : 2014
EVALUATION MONTH    : 7
ALTITUDE            : 1
VMT BY FACILITY     : localvmt.d
VMT FRACTIONS       :
0.797  0.037  0.122  0.003  0.001  0.008  0.001  0.001
0.000  0.002  0.002  0.002  0.009  0.000  0.000  0.015

END OF RUN
```

```
*****************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                                *
* Input file: C:\MOBILE6\RUN\LAFOUSIP\22057_14.IN (file 1, run 1).          *
*****************************************************************************
*Year 2014 - Lafourche Parish Emission Factors
  M603 Comment:
               User has disabled the calculation of REFUELING emissions.


* Reading Registration Distributions from the following external
* data file: LA_REGD.D

* # # # # # # # # # # # # # # # # # # # # # # # # # # # #
* Rural interstate, 63.0

* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 63.0
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
                User supplied VMT mix.
  M 48 Warning:
               there are no sales for vehicle class HDGV8b
  M 48 Warning:
               there are no sales for vehicle class LDDT12

                     Calendar Year:  2014
                             Month:  July
                          Altitude:  Low
                 Minimum Temperature:  72.9 (F)
                 Maximum Temperature:  91.1 (F)
                   Absolute Humidity:  151. grains/lb
                    Nominal Fuel RVP:   7.8 psi
                       Weathered RVP:   7.5 psi
                 Fuel Sulfur Content:   30. ppm

                 Exhaust I/M Program:  No
                    Evap I/M Program:  No
                         ATP Program:  Yes
                    Reformulated Gas:  No
```

Vehicle Type: GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.5985	0.1650	0.0207		0.0620	0.0005	0.0003	0.1470	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.461	0.534	0.305	0.509	0.409	0.086	0.114	0.200	2.89	0.442
Composite NOX :	0.364	0.476	0.404	0.468	1.519	0.297	0.357	5.874	1.36	1.271

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* Rural principal arterial, 58.5

* File 1, Run 1, Scenario 2.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 58.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
              Minimum Temperature:  72.9 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 psi
              Fuel Sulfur Content:   30. ppm

              Exhaust I/M Program:  No
                 Evap I/M Program:  No
                      ATP Program:  Yes
                 Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6514	0.2080	0.0236		0.0329	0.0006	0.0004	0.0791	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.467	0.541	0.309	0.517	0.414	0.086	0.115	0.202	2.58	0.464
Composite NOX :	0.361	0.469	0.397	0.462	1.477	0.250	0.301	4.664	1.26	0.765

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor arterial, 49.5

* File 1, Run 1, Scenario 3.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 49.5
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
```

M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDDT12

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	72.9 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	151. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6714	0.2010	0.0246		0.0291	0.0006	0.0004	0.0689	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.485	0.558	0.318	0.531	0.438	0.090	0.119	0.217	2.33	0.483
Composite NOX :	0.354	0.455	0.383	0.448	1.392	0.194	0.233	3.647	1.07	0.635

* #
* Rural major collector, 45.0

* File 1, Run 1, Scenario 4.
* #
M583 Warning:
The user supplied arterial average speed of 45.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDDT12

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	72.9 (F)

```
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.5 psi
            Fuel Sulfur Content:   30. ppm

            Exhaust I/M Program:  No
               Evap I/M Program:  No
                    ATP Program:  Yes
               Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6664	0.2320	0.0246		0.0207	0.0006	0.0004	0.0513	0.0040	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.497	0.567	0.324	0.544	0.454	0.093	0.124	0.229	2.35	0.501
Composite NOX :	0.351	0.448	0.377	0.442	1.341	0.178	0.213	3.360	1.02	0.551

```
* # # # # # # # # # # # # # # # # # # # # # # # #
* Rural minor collector, 36.0

* File 1, Run 1, Scenario 5.
* # # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 36.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
            Minimum Temperature:  72.9 (F)
            Maximum Temperature:  91.1 (F)
              Absolute Humidity:  151. grains/lb
               Nominal Fuel RVP:   7.8 psi
                  Weathered RVP:   7.5 psi
            Fuel Sulfur Content:   30. ppm

            Exhaust I/M Program:  No
               Evap I/M Program:  No
                    ATP Program:  Yes
               Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6384	0.2420	0.0128		0.0249	0.0006	0.0002	0.0591	0.0220	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.524	0.589	0.338	0.576	0.512	0.103	0.140	0.270	2.48	0.565
Composite NOX :	0.347	0.438	0.366	0.434	1.259	0.165	0.197	3.056	0.98	0.566

* #
* Rural local, 27.0

* File 1, Run 1, Scenario 6.
* #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

Reading User Supplied ROADWAY VMT Factors
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDDT12

Calendar Year:	2014
Month:	July
Altitude:	Low
Minimum Temperature:	72.9 (F)
Maximum Temperature:	91.1 (F)
Absolute Humidity:	151. grains/lb
Nominal Fuel RVP:	7.8 psi
Weathered RVP:	7.5 psi
Fuel Sulfur Content:	30. ppm
Exhaust I/M Program:	No
Evap I/M Program:	No
ATP Program:	Yes
Reformulated Gas:	No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.6534	0.2460	0.0049		0.0215	0.0006	0.0001	0.0525	0.0210	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.794	0.849	0.535	0.843	1.039	0.177	0.252	0.593	3.74	0.863
Composite NOX :	0.383	0.447	0.383	0.446	1.029	0.220	0.264	3.902	0.80	0.606

* #

```
* Urban interstate, 58.5

* File 1, Run 1, Scenario 7.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
              Minimum Temperature:  72.9 (F)
              Maximum Temperature:  91.1 (F)
                Absolute Humidity:  151. grains/lb
                 Nominal Fuel RVP:   7.8 psi
                    Weathered RVP:   7.5 psi
              Fuel Sulfur Content:   30. ppm

              Exhaust I/M Program:  No
                 Evap I/M Program:  No
                      ATP Program:  Yes
                Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7194	0.1590	0.0276		0.0273	0.0006	0.0004	0.0637	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.467	0.541	0.309	0.506	0.413	0.086	0.115	0.201	2.58	0.460
Composite NOX :	0.361	0.469	0.396	0.458	1.473	0.250	0.301	5.006	1.26	0.707

```
* # # # # # # # # # # # # # # # # # # # # # # # # #
* Urban other expressway, 58.5

* File 1, Run 1, Scenario 8.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M581 Warning:
            The user supplied freeway average speed of 58.5
            will be used for all hours of the day. 100% of VMT
            has been assigned to the freeway roadway type for
            all hours of the day and all vehicle types.
  M615 Comment:
              User supplied VMT mix.
```

```
 M 48 Warning:
             there are no sales for vehicle class HDGV8b
 M 48 Warning:
             there are no sales for vehicle class LDDT12

                   Calendar Year:  2014
                           Month:  July
                        Altitude:  Low
                 Minimum Temperature:  72.9 (F)
                 Maximum Temperature:  91.1 (F)
                   Absolute Humidity:  151. grains/lb
                    Nominal Fuel RVP:   7.8 psi
                       Weathered RVP:   7.5 psi
                 Fuel Sulfur Content:   30. ppm

                 Exhaust I/M Program:  No
                    Evap I/M Program:  No
                         ATP Program:  Yes
                    Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7633	0.1460	0.0256		0.0181	0.0007	0.0004	0.0439	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.467	0.541	0.308	0.506	0.413	0.086	0.115	0.203	2.58	0.465
Composite NOX :	0.361	0.469	0.394	0.458	1.473	0.250	0.301	4.973	1.26	0.602

```
* # # # # # # # # # # # # # # # # # # # # # # #
* Urban principal arterial, 49.5

* File 1, Run 1, Scenario 9.
* # # # # # # # # # # # # # # # # # # # # # # #
 M583 Warning:
           The user supplied arterial average speed of 49.5
           will be used for all hours of the day.  100% of VMT
           has been assigned to the arterial/collector roadway
           type for all hours of the day and all vehicle types.
 M615 Comment:
            User supplied VMT mix.
 M 48 Warning:
             there are no sales for vehicle class HDGV8b
 M 48 Warning:
             there are no sales for vehicle class LDDT12

                   Calendar Year:  2014
                           Month:  July
                        Altitude:  Low
                 Minimum Temperature:  72.9 (F)
                 Maximum Temperature:  91.1 (F)
                   Absolute Humidity:  151. grains/lb
```

```
                Nominal Fuel RVP:   7.8 psi
                   Weathered RVP:   7.5 psi
               Fuel Sulfur Content:   30. ppm

               Exhaust I/M Program:  No
                  Evap I/M Program:  No
                       ATP Program:  Yes
                  Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7653	0.1470	0.0256		0.0165	0.0007	0.0004	0.0385	0.0060	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.485	0.558	0.318	0.522	0.437	0.090	0.119	0.216	2.33	0.491
Composite NOX :	0.354	0.455	0.381	0.444	1.390	0.194	0.233	3.565	1.07	0.514

```
* # # # # # # # # # # # # # # # # # # # # # # #
* Urban minor arterial, 45.0

* File 1, Run 1, Scenario 10.
* # # # # # # # # # # # # # # # # # # # # # # #
  M583 Warning:
            The user supplied arterial average speed of 45.0
            will be used for all hours of the day.  100% of VMT
            has been assigned to the arterial/collector roadway
            type for all hours of the day and all vehicle types.
  M615 Comment:
             User supplied VMT mix.
  M 48 Warning:
            there are no sales for vehicle class HDGV8b
  M 48 Warning:
            there are no sales for vehicle class LDDT12

                  Calendar Year:  2014
                          Month:  July
                       Altitude:  Low
                Minimum Temperature:  72.9 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  151. grains/lb
                     Nominal Fuel RVP:   7.8 psi
                        Weathered RVP:   7.5 psi
                Fuel Sulfur Content:   30. ppm

                Exhaust I/M Program:  No
                   Evap I/M Program:  No
                        ATP Program:  Yes
                   Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh

VMT Distribution:	0.7723	0.1710	0.0128		0.0119	0.0007	0.0002	0.0291	0.0020	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.497	0.567	0.324	0.550	0.461	0.093	0.124	0.233	2.35	0.502
Composite NOX :	0.351	0.448	0.376	0.443	1.354	0.178	0.213	3.344	1.02	0.468

* #
* Urban collector, 36.0

* File 1, Run 1, Scenario 11.
* #
M583 Warning:
The user supplied arterial average speed of 36.0
will be used for all hours of the day. 100% of VMT
has been assigned to the arterial/collector roadway
type for all hours of the day and all vehicle types.
M615 Comment:
User supplied VMT mix.
M 48 Warning:
there are no sales for vehicle class HDGV8b
M 48 Warning:
there are no sales for vehicle class LDDT12

Calendar Year: 2014
Month: July
Altitude: Low
Minimum Temperature: 72.9 (F)
Maximum Temperature: 91.1 (F)
Absolute Humidity: 151. grains/lb
Nominal Fuel RVP: 7.8 psi
Weathered RVP: 7.5 psi
Fuel Sulfur Content: 30. ppm

Exhaust I/M Program: No
Evap I/M Program: No
ATP Program: Yes
Reformulated Gas: No

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7713	0.1620	0.0099		0.0119	0.0007	0.0001	0.0281	0.0160	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.524	0.589	0.338	0.574	0.516	0.103	0.140	0.275	2.48	0.556
Composite NOX :	0.347	0.438	0.365	0.434	1.267	0.165	0.197	3.066	0.98	0.459

* #
* Urban local, 27.0

```
* File 1, Run 1, Scenario 12.
* # # # # # # # # # # # # # # # # # # # # # # # # #

* Reading Hourly Roadway VMT distribution from the following external
* data file: LOCALVMT.D

  Reading User Supplied ROADWAY VMT Factors
  M615 Comment:
               User supplied VMT mix.
  M 48 Warning:
              there are no sales for vehicle class HDGV8b
  M 48 Warning:
              there are no sales for vehicle class LDDT12

                    Calendar Year:  2014
                            Month:  July
                         Altitude:  Low
                Minimum Temperature:  72.9 (F)
                Maximum Temperature:  91.1 (F)
                  Absolute Humidity:  151. grains/lb
                    Nominal Fuel RVP:   7.8 psi
                       Weathered RVP:   7.5 psi
                Fuel Sulfur Content:   30. ppm

                Exhaust I/M Program:  No
                   Evap I/M Program:  No
                        ATP Program:  Yes
                   Reformulated Gas:  No
```

Vehicle Type: / GVWR:	LDGV	LDGT12 <6000	LDGT34 >6000	LDGT (All)	HDGV	LDDV	LDDT	HDDV	MC	All Veh
VMT Distribution:	0.7963	0.1590	0.0039		0.0072	0.0007	0.0001	0.0178	0.0150	1.0000
Composite Emission Factors (g/mi):										
Composite VOC :	0.794	0.849	0.529	0.841	1.030	0.177	0.252	0.586	3.74	0.844
Composite NOX :	0.383	0.447	0.363	0.445	1.020	0.220	0.264	3.719	0.80	0.464