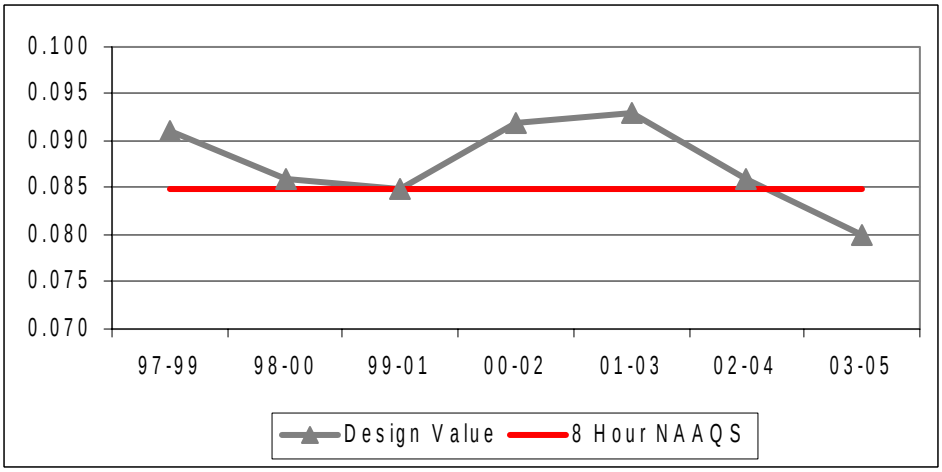
APPENDIX A

Aerometric Information Retrieval System (AIRS) Data

AIRS ID	CITY	SITE NAME	YEAR	1st	2nd	3rd	4th	03-05 Design Value
18-091-0005	Michigan City	NIPSCO Gas Station	2003	0.090	0.09	0.082	0.082	
18-091-0005	Michigan City	NIPSCO Gas Station	2004	0.076	0.075	0.071	0.070	
18-091-0005	Michigan City	NIPSCO Gas Station	2005	0.097	0.093	0.091	0.084	0.078
18-091-0010	LaPorte	12011 E. Lincolnway	2003	0.091	0.086	0.085	0.084	
18-091-0010	LaPorte	12011 E. Lincolnway	2004	0.074	0.071	0.069	0.068	
18-091-0010	LaPorte	12011 E. Lincolnway	2005	0.093	0.092	0.09	0.089	0.080

Site #	City	Site Name	Three Year 8-hr Design Values						
			97-99	98-00	99-01	00-02	01-03	02-04	03-05
180910005	Michigan City	Michigan City	0.091	0.086	0.085	0.092	0.093	0.086	0.078
180910010	LaPorte	Water Trmt Plant	0.088	0.081	0.079	0.084	0.087	0.084	0.080



City	Site Name	Yearly Annual 8-hr Values										
		1995	1996	1997	1998	1999	2000	2001	2002*	2003	2004	2005
Michigan City	Michigan City	0.114	0.102	0.096	0.093	0.086	0.080	0.090	0.107	0.082	0.070	0.084
LaPorte	Water Trmt Plant	Site Started in May 1997		0.095	0.084	0.086	0.074	0.079	0.100	0.084	0.068	0.089

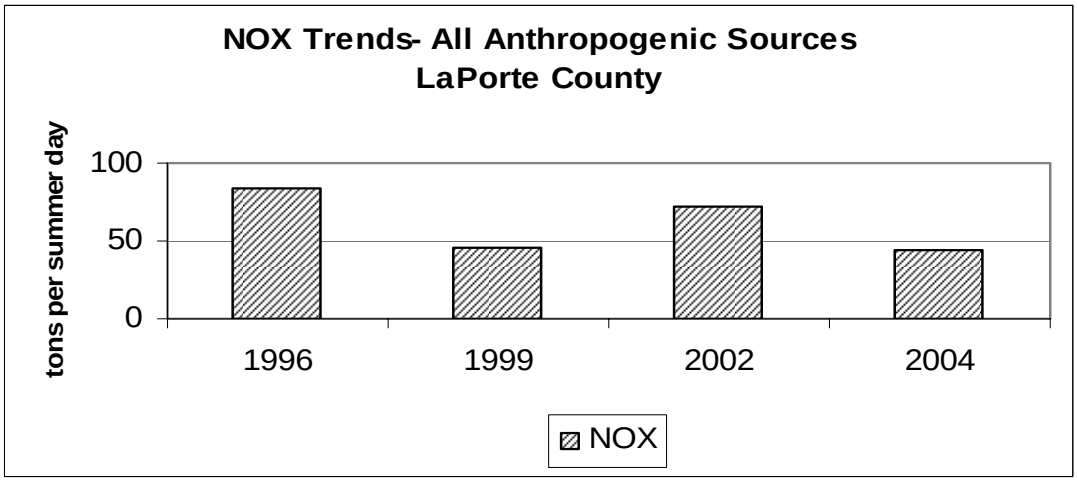
City	Site Name	Three Year 8-hr Design Values								
		95-97	96-98	97-99	98-00	99-01	00-02*	01-03*	02-04*	03-05
Michigan City	Michigan City	0.104	0.097	0.091	0.086	0.085	0.092	0.093	0.086	0.078
LaPorte	Water Trmt Plant	0.095B	0.089C	0.088	0.081	0.079	0.084	0.087	0.084	0.080

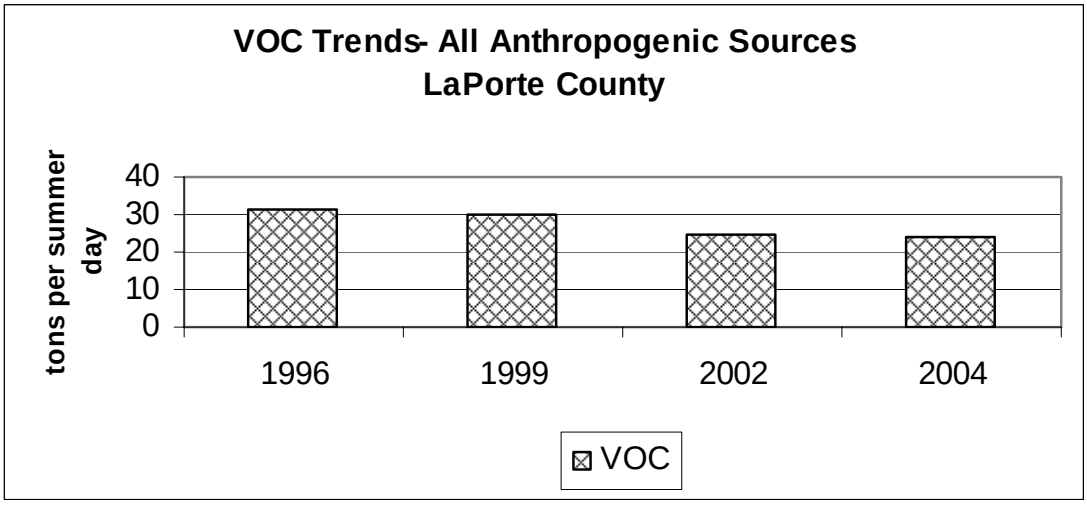
APPENDIX B

Emissions Inventories

TOTAL

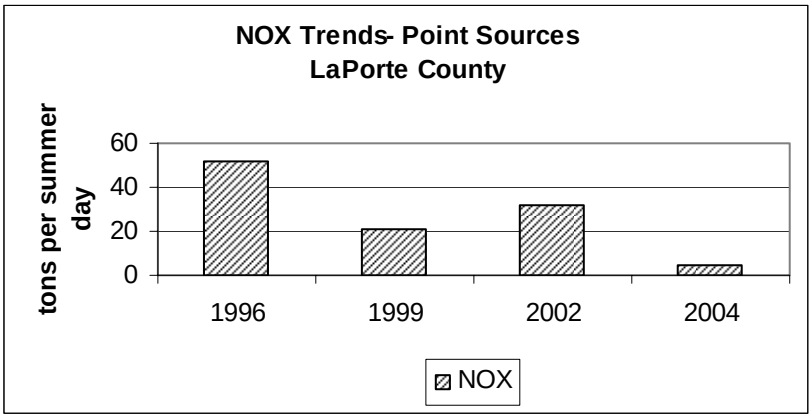
Year	NOX	VOC
1996	83.71	31.02
1999	45.39	29.67
2002	71.61	24.52
2004	44.41	24.02

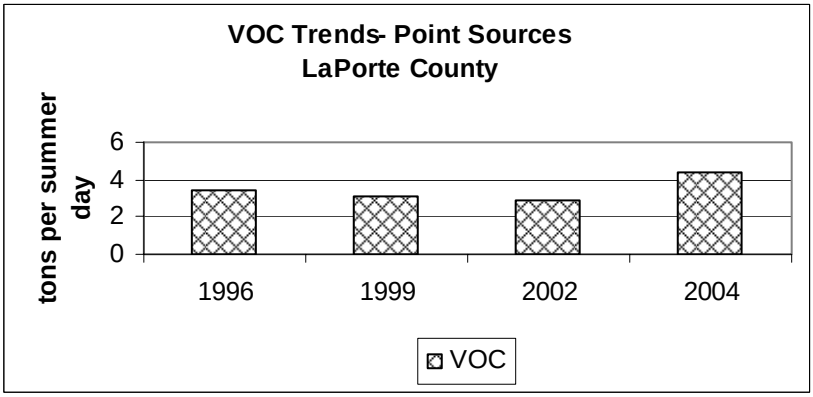




POINT

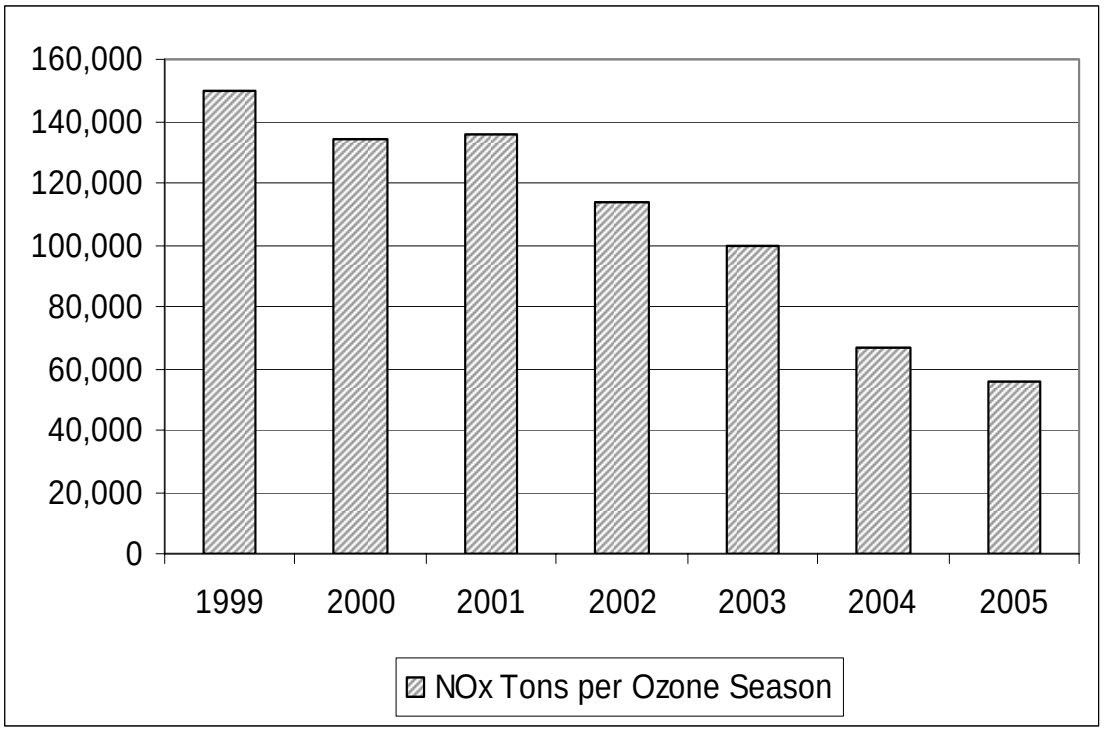
Year	NOX	VOC
1996	52.19	3.43
1999	20.88	3.07
2002	31.45	2.88
2004	4.80	4.36





STATEWIDE EGU NOx TRENDS

Year	NOx Tons per Ozone Season
1997	152,834
1998	159,931
1999	149,827
2000	133,881
2001	136,052
2002	113,996
2003	99,283
2004	66,568
2005	55,486



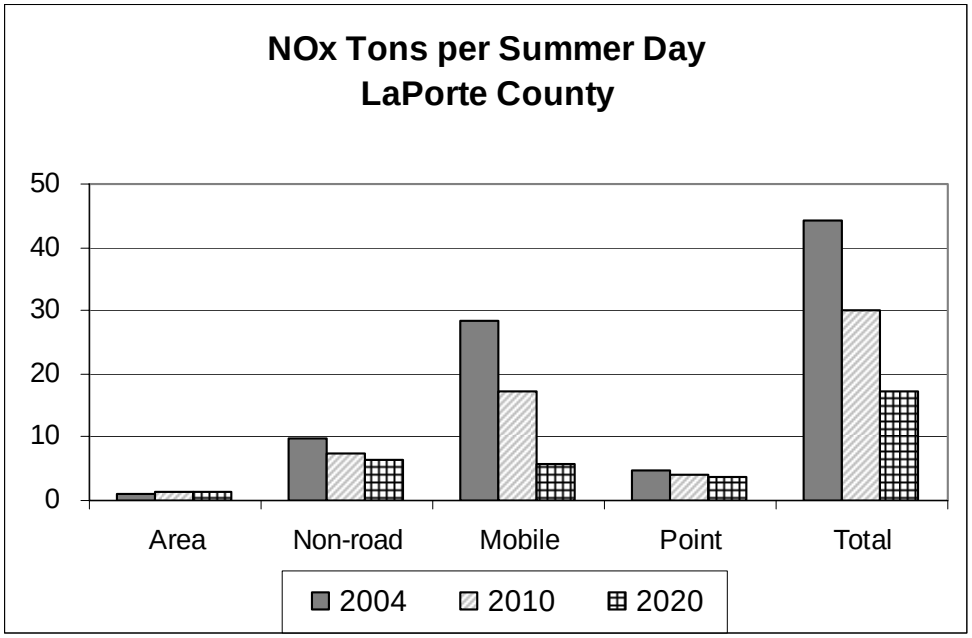
Northwest Indiana EGU NOx Trends

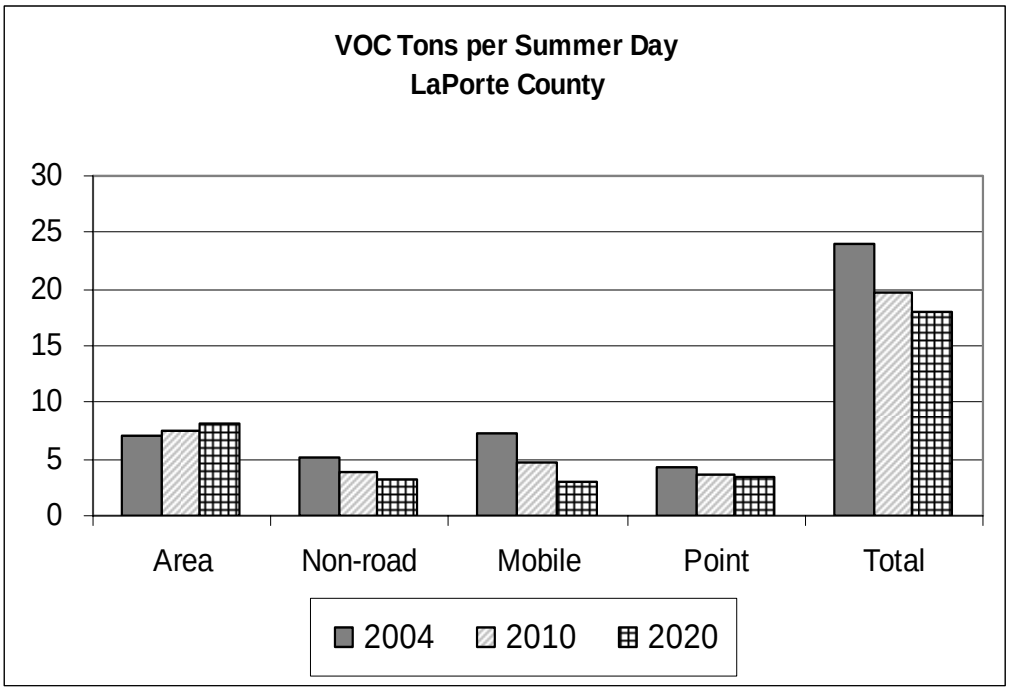
Year	NOX Tons per Ozone Season
1999	31,815
2000	25,028
2001	27,394
2002	22,661
2003	17,984
2004	11,798
2005	10,591

APPENDIX C

2010 and 2015 Projected Emissions Inventories

Sector	NOX 2004	NOx 2010	NOx 2020
Area	1.13	1.20	1.26
Non-road	9.96	7.57	6.41
Mobile	28.52	17.15	5.91
Point	4.80	4.15	3.63
Total	**44.41**	**30.07**	**17.21**
Sector	**VOC**	**VOC**	**VOC**
Area	7.17	7.51	8.14
Non-road	5.13	3.93	3.23
Mobile	7.36	4.75	3.09
Point	4.36	3.61	3.53
Total	**24.02**	**19.80**	**17.99**




VOC Tons per Summer Day
LaPorte County
30
25
20
15
10
5
0
Area
Non-road
Mobile
Point
Total
2004
2010
2020

APPENDIX D

Public Participation Documentation

LEGAL NOTICE OF PUBLIC HEARING
Redesignation Petition and Maintenance Plan
in association with the 8 hour ozone standard,
for LaPorte County.

Notice is hereby given under 40 CFR 51.102 that the Indiana Department of Environmental Management (IDEM) will hold a public hearing on Monday, April 10, 2006. The purpose of this hearing is to receive public comment on the Draft Redesignation Petition and Maintenance Plan in association with the 8 hour ozone standard, for LaPorte County. The meeting will convene at 6:00 p.m. (local time) in the LaPorte County Library, 904 Indiana Avenue, LaPorte, Indiana. All interested persons are invited and will be given opportunity to express their views concerning the draft documents.

This Redesignation Petition and Maintenance Plan is being drafted and submitted consistent with United States Environmental Protection Agency (USEPA) guidance.

Copies of the draft documents will available on or before March 10, 2006 to any person upon request and at the following locations:

- Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, 100 North Senate, Room N1003, Indianapolis, Indiana.
- LaPorte County Public Library, 904 Indiana Avenue, LaPorte, Indiana.
- La Crosse Public Library, 16 East Main Street, P.O. Box 300, La Crosse, Indiana.
- Northwest Regional Office, 8315 Virginia Street, Suite 1, Merrillville, Indiana

Oral statements will be heard, but for the accuracy of the record, statements should be submitted in writing. Written statements may be submitted to the attendant designated to receive written comments at the public hearing.

IDEM will also accept written comments through April 17, 2006. Mailed comments should be addressed to:

LaPorte County Redesignation Petition and Maintenance Plan
Kathryn Watson, Chief
Air Programs Branch, Office of Air Quality – Mail Code 61-50
100 North Senate Avenue
Indiana Department of Environmental Management
Indianapolis, IN 46206-2251

A transcript of the hearing and all written submissions provided at the public hearing shall be open to public inspection at IDEM and copies may be made available to any person upon payment of reproduction costs. Any person heard or represented at the hearing or requesting notice shall be given written notice of actions resulting from the hearing.

For additional information contact Mr. Gale Ferris, at the Indiana Department of Environmental Management, Office of Air Quality, Room 1001, Indiana Government Center North, 100 North Senate Avenue, Indianapolis or call (317) 234-3653 or (800) 451-6027 ext. 4-3653 (in Indiana).

Kathryn Watson, Chief
Air Programs Branch
Office of Air Quality

****

Individuals requiring reasonable accommodations for participation in this hearing should contact the IDEM Americans with Disabilities Act (ADA) coordinator at:

Attn: ADA Coordinator
Indiana Department of Environmental Management – Mail Code 50-10
100 North Senate Avenue
Indianapolis, IN 46204-2251

Or call (317) 233-1785 (voice) or (317) 232-6565 (TDD). Please provide a minimum of 72 hours notification.

APPENDIX E

Mobile Input/Output and Calculation Files, LaPorte County, Indiana

A - 11.0 Generic Files (used for all analysis years)

1.1 Vehicle Age Distribution

iregdata.d

```
REG DIST
* County Group 1
* Lake and Porter Counties
* LDV
 1 0.0489 0.0651 0.0662 0.0683 0.0753 0.0684 0.0628 0.0632 0.0598 0.0646
   0.0584 0.0508 0.0482 0.0391 0.0369 0.0298 0.0251 0.0148 0.0137 0.0089
   0.0080 0.0036 0.0024 0.0017 0.0160
* LDT1
 2 0.0501 0.0668 0.0679 0.0396 0.0324 0.0282 0.0337 0.0312 0.0583 0.0602
   0.0823 0.0600 0.0462 0.0594 0.0574 0.0559 0.0444 0.0367 0.0295 0.0192
   0.0123 0.0061 0.0062 0.0051 0.0109
* LDT2
 3 0.0694 0.0925 0.0940 0.0869 0.0954 0.0841 0.0889 0.0759 0.0502 0.0512
   0.0460 0.0414 0.0317 0.0234 0.0166 0.0131 0.0155 0.0044 0.0039 0.0032
   0.0036 0.0020 0.0013 0.0009 0.0045
* LDT3
 4 0.0579 0.0770 0.0782 0.0693 0.0766 0.0850 0.0547 0.0582 0.0532 0.0664
   0.0582 0.0410 0.0340 0.0255 0.0274 0.0275 0.0238 0.0161 0.0132 0.0111
   0.0081 0.0047 0.0036 0.0020 0.0273
* LDT4
 5 0.0611 0.0815 0.0827 0.0961 0.1056 0.1126 0.0951 0.0795 0.0623 0.0510
   0.0480 0.0152 0.0173 0.0090 0.0111 0.0053 0.0075 0.0055 0.0075 0.0072
   0.0046 0.0026 0.0016 0.0008 0.0293
```

1.2 Inspection/Maintenance Input Files

IM2002a.d

```
I/M CUTPOINTS      :
*
* Calendar Year: 2002
*
* The four blocks of 75 values respectively apply to the MOBILE6 Types:
* LDGV, LDGT2, LDGT4 and HDGV2B.
*
* Within each of the four blocks, the first 25 values are HC cutpoints,
* the second 25 values CO cutpoints, and the third 25 values NOx cutpoints.
*
* Model Years:
* 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978
*
* LDGV
   0.6  0.6  0.6  0.6  0.6  0.6  0.6  0.8  0.8  0.8  0.8  0.8  1.4  1.4  1.4  1.4  2.0  2.0  2.0  2.0  2.0  2.0  2.0  2.0  2.0
  10.0 10.0 10.0 10.0 10.0 10.0 10.0 15.0 15.0 15.0 15.0 15.0 20.0 20.0 20.0 20.0 30.0 30.0 30.0 30.0 60.0 60.0 60.0 60.0 60.0
   2.5  2.5  2.5  2.5  2.5  2.5  2.5  2.5  2.5  2.5  2.5  2.5  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0
```

E - 1

```
*
* LDGT2
   0.8  0.8  0.8  0.8  0.8  0.8  0.8  1.6  1.6  1.6  1.6  1.6  2.2  2.2  2.2  2.2  3.2  3.2  3.2  5.0  5.0  5.0  5.0  5.0  5.0
  20.0 20.0 20.0 20.0 20.0 20.0 20.0 40.0 40.0 40.0 40.0 40.0 55.0 55.0 55.0 55.0 70.0 70.0 70.0 80.0 80.0 80.0 80.0 80.0 80.0
   3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.5  3.5  3.5  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0
*
* LDGT4
   0.8  0.8  0.8  0.8  0.8  0.8  1.6  1.6  1.6  1.6  1.6  1.6  2.0  2.0  2.0  2.0  3.2  3.2  3.2  5.0  5.0  5.0  5.0  5.0  5.0
  20.0 20.0 20.0 20.0 20.0 20.0 40.0 40.0 40.0 40.0 40.0 40.0 55.0 55.0 55.0 55.0 70.0 70.0 70.0 80.0 80.0 80.0 80.0 80.0 80.0
   4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  5.0  5.0  5.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0
*
* HDGV2B
   2.0  2.0  2.0  2.0  2.0  2.4  2.4  2.4  2.4  2.4  2.4  2.4  3.0  3.0  3.0  3.0  5.0  5.0  6.0  6.0  7.5  7.5  7.5  7.5  7.5
  30.0 30.0 30.0 30.0 30.0 40.0 40.0 40.0 40.0 40.0 40.0 40.0 60.0 60.0 60.0 60.0 75.0 75.0 100. 100. 100. 100. 100. 100. 100.
   6.0  6.0  6.0  6.0  6.0  6.0  6.0  6.0  6.0  6.0  6.0  6.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0
```

IM2002b.d

```
I/M CUTPOINTS      :
*
* Calendar Year: 2002
*
* The four blocks of 75 values respectively apply to the MOBILE6 Types:
* LDGT1, LDGT3, LDGT4 and HDGV2B.
*
* Within each of the four blocks, the first 25 values are HC cutpoints,
* the second 25 values CO cutpoints, and the third 25 values NOx cutpoints.
*
* Model Years:
* 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978
*
* LDGT1
   0.8  0.8  0.8  0.8  0.8  0.8  0.8  1.6  1.6  1.6  1.6  1.6  2.2  2.2  2.2  2.2  3.2  3.2  3.2  5.0  5.0  5.0  5.0  5.0  5.0
  20.0 20.0 20.0 20.0 20.0 20.0 20.0 40.0 40.0 40.0 40.0 40.0 55.0 55.0 55.0 55.0 70.0 70.0 70.0 80.0 80.0 80.0 80.0 80.0 80.0
   3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.0  3.5  3.5  3.5  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0
*
* LDGT3
   0.8  0.8  0.8  0.8  0.8  0.8  1.6  1.6  1.6  1.6  1.6  1.6  2.0  2.0  2.0  2.0  3.2  3.2  3.2  5.0  5.0  5.0  5.0  5.0  5.0
  20.0 20.0 20.0 20.0 20.0 20.0 40.0 40.0 40.0 40.0 40.0 40.0 55.0 55.0 55.0 55.0 70.0 70.0 70.0 80.0 80.0 80.0 80.0 80.0 80.0
   4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  5.0  5.0  5.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0
*
* LDGT4
   0.8  0.8  0.8  0.8  0.8  0.8  1.6  1.6  1.6  1.6  1.6  1.6  2.0  2.0  2.0  2.0  3.2  3.2  3.2  5.0  5.0  5.0  5.0  5.0  5.0
  20.0 20.0 20.0 20.0 20.0 20.0 40.0 40.0 40.0 40.0 40.0 40.0 55.0 55.0 55.0 55.0 70.0 70.0 70.0 80.0 80.0 80.0 80.0 80.0 80.0
   4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  4.5  5.0  5.0  5.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0  7.0
*
* HDGV2B
   2.0  2.0  2.0  2.0  2.0  2.4  2.4  2.4  2.4  2.4  2.4  2.4  3.0  3.0  3.0  3.0  5.0  5.0  6.0  6.0  7.5  7.5  7.5  7.5  7.5
  30.0 30.0 30.0 30.0 30.0 40.0 40.0 40.0 40.0 40.0 40.0 40.0 60.0 60.0 60.0 60.0 75.0 75.0 100. 100. 100. 100. 100. 100. 100.
   6.0  6.0  6.0  6.0  6.0  6.0  6.0  6.0  6.0  6.0  6.0  6.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0  8.0
```

A - 12.0 2004 MOBILE6 Input Files

2.1 2004 MOBILE6 Command File

2004m6.in

```
MOBILE6 INPUT FILE

POLLUTANTS         : HC NOX

RUN DATA

MIN/MAX TEMPERATURE: 62.5 83.4
ABSOLUTE HUMIDITY  : 85.7
CLOUD COVER        : 0.34
FUEL RVP           : 9.0
FUEL PROGRAM       : 2 N
NO REFUELING       :
EXPAND EXHAUST     :
EXPAND EVAPORATIVE :
ANTI-TAMP PROG     :
90 76 95 22222 21111111 1 12 095. 12111112
REG DIST           : iregdata.d

* The following describes the I/M programs within Lake/Porter Counties:
* First I/M Program
I/M PROGRAM        : 1 1997 2050 2 T/O IDLE
I/M MODEL YEARS    : 1 1976 1980
I/M VEHICLES       : 1 22222 21111111 1
I/M STRINGENCY     : 1 20.0
I/M COMPLIANCE     : 1 95.0
I/M WAIVER RATES   : 1 3.0 3.0
* Second I/M Program (Cutpoints for LDGV, LDGT2, LDGT4 and HDGV2B)
I/M PROGRAM        : 2 1997 2050 2 T/O IM240
I/M MODEL YEARS    : 2 1981 1995
I/M VEHICLES       : 2 21212 21111111 1
I/M STRINGENCY     : 2 20.0
I/M COMPLIANCE     : 2 95.0
I/M WAIVER RATES   : 2 3.0 3.0
I/M CUTPOINTS      : 2 IM2002A.d
I/M GRACE PERIOD   : 2 4
* Third I/M Program (Cutpoints for LDGT1 and LDGT3)
I/M PROGRAM        : 3 1997 2050 2 T/O IM240
I/M MODEL YEARS    : 3 1981 1995
I/M VEHICLES       : 3 12121 11111111 1
I/M STRINGENCY     : 3 20.0
I/M COMPLIANCE     : 3 95.0
I/M WAIVER RATES   : 3 3.0 3.0
I/M CUTPOINTS      : 3 IM2002B.d
I/M GRACE PERIOD   : 3 4
* Fourth I/M Program
```

E - 3

```
I/M PROGRAM        : 4 1997 2050 2 T/O GC
I/M MODEL YEARS    : 4 1976 1995
I/M VEHICLES       : 4 22222 21111111 1
* Fifth I/M Program
I/M PROGRAM        : 5 2002 2050 2 T/O OBD I/M
I/M MODEL YEARS    : 5 1996 2050
I/M VEHICLES       : 5 22222 21111111 1
I/M STRINGENCY     : 5 20.0
I/M COMPLIANCE     : 5 95.0
I/M WAIVER RATES   : 5 3.0 3.0
I/M GRACE PERIOD   : 5 4
* Sixth I/M Program
I/M PROGRAM        : 6 1997 2050 2 T/O EVAP OBD & GC
I/M MODEL YEARS    : 6 1996 2050
I/M VEHICLES       : 6 22222 11111111 1

SCENARIO RECORD

CALENDAR YEAR      : 2004
EVALUATION MONTH   : 7
VMT FRACTIONS      :
0.3903  0.0673  0.2239  0.0690  0.0559  0.0608  0.0060  0.0047
0.0036  0.0134  0.0159  0.0175  0.0621  0.0030  0.0014  0.0052
VMT BY FACILITY    : 2004nvmt.d
SPEED VMT          : svmt04.d


END OF RUN
```

2.2 2004 Speed VMT Input File

svmt04.d

```
SPEED VMT
1  1   0.0000  0.0000  0.0000  0.0000  0.0136  0.1458  0.0847  0.0140  0.0609  0.0580  0.1092  0.2295  0.2121  0.0723
1  2   0.0000  0.0000  0.0000  0.0000  0.0136  0.1458  0.0847  0.0140  0.0609  0.0580  0.1092  0.2295  0.2121  0.0723
1  3   0.0000  0.0000  0.0000  0.0000  0.0136  0.1458  0.0847  0.0140  0.0609  0.0580  0.1092  0.2295  0.2121  0.0723
1  4   0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  5   0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  6   0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  7   0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  8   0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  9   0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  10  0.0000  0.0000  0.0000  0.0000  0.0859  0.0451  0.0743  0.0477  0.0518  0.0830  0.1519  0.2129  0.1784  0.0689
1  11  0.0000  0.0000  0.0000  0.0000  0.0859  0.0451  0.0743  0.0477  0.0518  0.0830  0.1519  0.2129  0.1784  0.0689
1  12  0.0000  0.0000  0.0000  0.0000  0.0859  0.0451  0.0743  0.0477  0.0518  0.0830  0.1519  0.2129  0.1784  0.0689
1  13  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  14  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  15  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  16  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  17  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  18  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  19  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  20  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  21  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  22  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  23  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
1  24  0.0000  0.0000  0.0000  0.0000  0.0042  0.0000  0.0000  0.0480  0.1429  0.0441  0.0517  0.1828  0.4178  0.1085
2  1   0.0000  0.0012  0.0033  0.0155  0.0234  0.1305  0.0576  0.1911  0.2613  0.0917  0.1136  0.0214  0.0894  0.0000
2  2   0.0000  0.0012  0.0033  0.0155  0.0234  0.1305  0.0576  0.1911  0.2613  0.0917  0.1136  0.0214  0.0894  0.0000
2  3   0.0000  0.0012  0.0033  0.0155  0.0234  0.1305  0.0576  0.1911  0.2613  0.0917  0.1136  0.0214  0.0894  0.0000
2  4   0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  5   0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  6   0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  7   0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  8   0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  9   0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  10  0.0000  0.0012  0.0084  0.0185  0.0322  0.1323  0.0820  0.2026  0.2275  0.0833  0.1059  0.0241  0.0820  0.0000
2  11  0.0000  0.0012  0.0084  0.0185  0.0322  0.1323  0.0820  0.2026  0.2275  0.0833  0.1059  0.0241  0.0820  0.0000
2  12  0.0000  0.0012  0.0084  0.0185  0.0322  0.1323  0.0820  0.2026  0.2275  0.0833  0.1059  0.0241  0.0820  0.0000
2  13  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  14  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  15  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  16  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  17  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  18  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  19  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  20  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  21  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  22  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  23  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
2  24  0.0000  0.0000  0.0002  0.0057  0.0064  0.1275  0.0242  0.1335  0.3357  0.0832  0.1522  0.0237  0.1077  0.0000
```

E - 5

2.3 2010 MOBILE6 Command File

2010m6.in

```
MOBILE6 INPUT FILE

POLLUTANTS         : HC NOX

RUN DATA

MIN/MAX TEMPERATURE: 62.5 83.4
ABSOLUTE HUMIDITY  : 85.7
CLOUD COVER        : 0.34
FUEL RVP           : 9.0
FUEL PROGRAM       : 2 N
NO REFUELING       :
EXPAND EXHAUST     :
EXPAND EVAPORATIVE :
ANTI-TAMP PROG     :
90 76 95 22222 21111111 1 12 095. 12111112
REG DIST           : iregdata.d

* The following describes the I/M programs within Lake/Porter Counties:
* First I/M Program
I/M PROGRAM        : 1 1997 2050 2 T/O IDLE
I/M MODEL YEARS    : 1 1976 1980
I/M VEHICLES       : 1 22222 21111111 1
I/M STRINGENCY     : 1 20.0
I/M COMPLIANCE     : 1 95.0
I/M WAIVER RATES   : 1 3.0 3.0
* Second I/M Program (Cutpoints for LDGV, LDGT2, LDGT4 and HDGV2B)
I/M PROGRAM        : 2 1997 2050 2 T/O IM240
I/M MODEL YEARS    : 2 1981 1995
I/M VEHICLES       : 2 21212 21111111 1
I/M STRINGENCY     : 2 20.0
I/M COMPLIANCE     : 2 95.0
I/M WAIVER RATES   : 2 3.0 3.0
I/M CUTPOINTS      : 2 IM2002A.d
I/M GRACE PERIOD   : 2 4
* Third I/M Program (Cutpoints for LDGT1 and LDGT3)
I/M PROGRAM        : 3 1997 2050 2 T/O IM240
I/M MODEL YEARS    : 3 1981 1995
I/M VEHICLES       : 3 12121 11111111 1
I/M STRINGENCY     : 3 20.0
I/M COMPLIANCE     : 3 95.0
I/M WAIVER RATES   : 3 3.0 3.0
I/M CUTPOINTS      : 3 IM2002B.d
I/M GRACE PERIOD   : 3 4
* Fourth I/M Program
I/M PROGRAM        : 4 1997 2050 2 T/O GC
I/M MODEL YEARS    : 4 1976 1995
I/M VEHICLES       : 4 22222 21111111 1
* Fifth I/M Program
I/M PROGRAM        : 5 2002 2050 2 T/O OBD I/M
```

I/M MODEL YEARS : 5 1996 2050

```
I/M VEHICLES       : 5 22222 21111111 1
I/M STRINGENCY     : 5 20.0
I/M COMPLIANCE     : 5 95.0
I/M WAIVER RATES   : 5 3.0 3.0
I/M GRACE PERIOD   : 5 4
* Sixth I/M Program
I/M PROGRAM        : 6 1997 2050 2 T/O EVAP OBD & GC
I/M MODEL YEARS    : 6 1996 2050
I/M VEHICLES       : 6 22222 11111111 1

SCENARIO RECORD

CALENDAR YEAR      : 2010
EVALUATION MONTH   : 7
VMT FRACTIONS      :
0.309341 0.077772 0.258802 0.079779 0.069253 0.064306 0.006266 0.005276
0.003957 0.014345 0.016983 0.018467 0.065793 0.003298 0.001649 0.004713
VMT BY FACILITY    : 2010nvmt.d
SPEED VMT          : svmt10.d


END OF RUN
```

2.4 2010 Speed VMT Input File

svmt10.d

```
SPEED VMT
1  1   0.0000  0.0000  0.0000  0.0033  0.0186  0.0455  0.1222  0.1311  0.0656  0.1218  0.1076  0.1331  0.1803  0.0709
1  2   0.0000  0.0000  0.0000  0.0033  0.0186  0.0455  0.1222  0.1311  0.0656  0.1218  0.1076  0.1331  0.1803  0.0709
1  3   0.0000  0.0000  0.0000  0.0033  0.0186  0.0455  0.1222  0.1311  0.0656  0.1218  0.1076  0.1331  0.1803  0.0709
1  4   0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  5   0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  6   0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  7   0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  8   0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  9   0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  10  0.0000  0.0000  0.0000  0.0033  0.0443  0.0347  0.1878  0.0587  0.1835  0.0356  0.1321  0.0612  0.1906  0.0682
1  11  0.0000  0.0000  0.0000  0.0033  0.0443  0.0347  0.1878  0.0587  0.1835  0.0356  0.1321  0.0612  0.1906  0.0682
1  12  0.0000  0.0000  0.0000  0.0033  0.0443  0.0347  0.1878  0.0587  0.1835  0.0356  0.1321  0.0612  0.1906  0.0682
1  13  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  14  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  15  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  16  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  17  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  18  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  19  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  20  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  21  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  22  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  23  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
1  24  0.0000  0.0000  0.0000  0.0031  0.0000  0.0000  0.0219  0.0361  0.1526  0.1458  0.1138  0.2308  0.2156  0.0802
2  1   0.0000  0.0008  0.0054  0.0100  0.0252  0.1250  0.0580  0.1902  0.2571  0.0888  0.1146  0.0339  0.0910  0.0000
2  2   0.0000  0.0008  0.0054  0.0100  0.0252  0.1250  0.0580  0.1902  0.2571  0.0888  0.1146  0.0339  0.0910  0.0000
2  3   0.0000  0.0008  0.0054  0.0100  0.0252  0.1250  0.0580  0.1902  0.2571  0.0888  0.1146  0.0339  0.0910  0.0000
2  4   0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  5   0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  6   0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  7   0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  8   0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  9   0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  10  0.0000  0.0017  0.0039  0.0150  0.0230  0.1305  0.0552  0.2032  0.2508  0.0776  0.1261  0.0250  0.0879  0.0000
2  11  0.0000  0.0017  0.0039  0.0150  0.0230  0.1305  0.0552  0.2032  0.2508  0.0776  0.1261  0.0250  0.0879  0.0000
2  12  0.0000  0.0017  0.0039  0.0150  0.0230  0.1305  0.0552  0.2032  0.2508  0.0776  0.1261  0.0250  0.0879  0.0000
2  13  0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  14  0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  15  0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  16  0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  17  0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
```

2	18	0.0000	0.0000	0.0000	0.0029	0.0061	0.1250	0.0127	0.1174	0.3554	0.0661	0.1629	0.0395	0.1120	0.0000

```
2  19  0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  20  0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  21  0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  22  0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  23  0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
2  24  0.0000  0.0000  0.0000  0.0029  0.0061  0.1250  0.0127  0.1174  0.3554  0.0661  0.1629  0.0395  0.1120  0.0000
```

2.5 2020 MOBILE6 Command File

2020m6.in

```
MOBILE6 INPUT FILE

POLLUTANTS          : HC NOX

RUN DATA

MIN/MAX TEMPERATURE: 62.5 83.4
ABSOLUTE HUMIDITY  : 85.7
CLOUD COVER        : 0.34
FUEL RVP           : 9.0
FUEL PROGRAM       : 2 N
NO REFUELING       :
EXPAND EXHAUST     :
EXPAND EVAPORATIVE :
ANTI-TAMP PROG     :
90 76 95 22222 21111111 1 12 095. 12111112
REG DIST           : iregdata.d

* The following describes the I/M programs within Lake/Porter Counties:
* First I/M Program
I/M PROGRAM        : 1 1997 2050 2 T/O IDLE
I/M MODEL YEARS    : 1 1976 1980
I/M VEHICLES       : 1 22222 21111111 1
I/M STRINGENCY     : 1 20.0
I/M COMPLIANCE     : 1 95.0
I/M WAIVER RATES   : 1 3.0 3.0
* Second I/M Program (Cutpoints for LDGV, LDGT2, LDGT4 and HDGV2B)
I/M PROGRAM        : 2 1997 2050 2 T/O IM240
I/M MODEL YEARS    : 2 1981 1995
I/M VEHICLES       : 2 21212 21111111 1
I/M STRINGENCY     : 2 20.0
I/M COMPLIANCE     : 2 95.0
I/M WAIVER RATES   : 2 3.0 3.0
I/M CUTPOINTS      : 2 IM2002A.d
I/M GRACE PERIOD   : 2 4
* Third I/M Program (Cutpoints for LDGT1 and LDGT3)
I/M PROGRAM        : 3 1997 2050 2 T/O IM240
I/M MODEL YEARS    : 3 1981 1995
I/M VEHICLES       : 3 12121 11111111 1
I/M STRINGENCY     : 3 20.0
I/M COMPLIANCE     : 3 95.0
I/M WAIVER RATES   : 3 3.0 3.0
I/M CUTPOINTS      : 3 IM2002B.d
I/M GRACE PERIOD   : 3 4
* Fourth I/M Program
```

```
I/M PROGRAM        : 4 1997 2050 2 T/O GC
I/M MODEL YEARS    : 4 1976 1995
I/M VEHICLES       : 4 22222 21111111 1
* Fifth I/M Program
I/M PROGRAM        : 5 2002 2050 2 T/O OBD I/M
I/M MODEL YEARS    : 5 1996 2050
I/M VEHICLES       : 5 22222 21111111 1
I/M STRINGENCY     : 5 20.0
I/M COMPLIANCE     : 5 95.0
I/M WAIVER RATES   : 5 3.0 3.0
I/M GRACE PERIOD   : 5 4
* Sixth I/M Program
I/M PROGRAM        : 6 1997 2050 2 T/O EVAP OBD & GC
I/M MODEL YEARS    : 6 1996 2050
I/M VEHICLES       : 6 22222 11111111 1

SCENARIO RECORD

CALENDAR YEAR      : 2020
EVALUATION MONTH   : 7
VMT FRACTIONS      :
0.2443  0.0890  0.2960  0.0913  0.0769  0.0634  0.0062  0.0053
0.0040  0.0143  0.0168  0.0183  0.0649  0.0032  0.0016  0.0045
VMT BY FACILITY    : 2020nvmt.d
SPEED VMT          : svmt20.d


END OF RUN
```

2.6 2020 Speed VMT Input File

svmt20.d

```
SPEED VMT
1   1   0.0000  0.0000  0.0000  0.0033  0.0451  0.1010  0.1587  0.1374  0.0617  0.0824  0.0849  0.1255  0.1220  0.0780
1   2   0.0000  0.0000  0.0000  0.0033  0.0451  0.1010  0.1587  0.1374  0.0617  0.0824  0.0849  0.1255  0.1220  0.0780
1   3   0.0000  0.0000  0.0000  0.0033  0.0451  0.1010  0.1587  0.1374  0.0617  0.0824  0.0849  0.1255  0.1220  0.0780
1   4   0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   5   0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   6   0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   7   0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   8   0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   9   0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   10  0.0000  0.0000  0.0000  0.0194  0.0529  0.1681  0.1678  0.1023  0.0704  0.0593  0.0406  0.0927  0.1521  0.0744
1   11  0.0000  0.0000  0.0000  0.0194  0.0529  0.1681  0.1678  0.1023  0.0704  0.0593  0.0406  0.0927  0.1521  0.0744
1   12  0.0000  0.0000  0.0000  0.0194  0.0529  0.1681  0.1678  0.1023  0.0704  0.0593  0.0406  0.0927  0.1521  0.0744
1   13  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   14  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   15  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   16  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   17  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   18  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   19  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   20  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   21  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   22  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   23  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
1   24  0.0000  0.0000  0.0000  0.0036  0.0000  0.0000  0.0318  0.0767  0.2225  0.1199  0.1019  0.1368  0.2208  0.0860
2   1   0.0000  0.0007  0.0041  0.0105  0.0336  0.1268  0.0724  0.1896  0.2455  0.0726  0.1264  0.0341  0.0837  0.0000
2   2   0.0000  0.0007  0.0041  0.0105  0.0336  0.1268  0.0724  0.1896  0.2455  0.0726  0.1264  0.0341  0.0837  0.0000
2   3   0.0000  0.0007  0.0041  0.0105  0.0336  0.1268  0.0724  0.1896  0.2455  0.0726  0.1264  0.0341  0.0837  0.0000
2   4   0.0000  0.0000  0.0000  0.0051  0.0075  0.1318  0.0233  0.1500  0.3200  0.0693  0.1482  0.0408  0.1041  0.0000
2   5   0.0000  0.0000  0.0000  0.0051  0.0075  0.1318  0.0233  0.1500  0.3200  0.0693  0.1482  0.0408  0.1041  0.0000
2   6   0.0000  0.0000  0.0000  0.0051  0.0075  0.1318  0.0233  0.1500  0.3200  0.0693  0.1482  0.0408  0.1041  0.0000
2   7   0.0000  0.0000  0.0000  0.0051  0.0075  0.1318  0.0233  0.1500  0.3200  0.0693  0.1482  0.0408  0.1041  0.0000
2   8   0.0000  0.0000  0.0000  0.0051  0.0075  0.1318  0.0233  0.1500  0.3200  0.0693  0.1482  0.0408  0.1041  0.0000
```

2	9	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	10	0.0000	0.0013	0.0059	0.0131	0.0339	0.1419	0.0888	0.2119	0.2085	0.0735	0.1167	0.0354	0.0691	0.0000
2	11	0.0000	0.0013	0.0059	0.0131	0.0339	0.1419	0.0888	0.2119	0.2085	0.0735	0.1167	0.0354	0.0691	0.0000
2	12	0.0000	0.0013	0.0059	0.0131	0.0339	0.1419	0.0888	0.2119	0.2085	0.0735	0.1167	0.0354	0.0691	0.0000
2	13	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	14	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	15	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	16	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	17	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	18	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	19	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	20	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	21	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	22	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	23	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000
2	24	0.0000	0.0000	0.0000	0.0051	0.0075	0.1318	0.0233	0.1500	0.3200	0.0693	0.1482	0.0408	0.1041	0.0000

2.7 2020 VMT by Facility Input File

Each of the analysis years has one of these files. They are slightly different from each other but virtually identical. We refrain from printing all of them due to the size.

2020nvmt.d

```
VMT BY FACILITY
1   0.367000941   0.502699716   0.110056636   0.020242707
    0.367000941   0.502699716   0.110056636   0.020242707
    0.367000941   0.502699716   0.110056636   0.020242707
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.334396888   0.522356872   0.123752733   0.019493507
    0.334396888   0.522356872   0.123752733   0.019493507
    0.334396888   0.522356872   0.123752733   0.019493507
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
2   0.367000941   0.502699716   0.110056636   0.020242707
    0.367000941   0.502699716   0.110056636   0.020242707
    0.367000941   0.502699716   0.110056636   0.020242707
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.334396888   0.522356872   0.123752733   0.019493507
    0.334396888   0.522356872   0.123752733   0.019493507
    0.334396888   0.522356872   0.123752733   0.019493507
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
    0.346313386   0.514333870   0.120290405   0.019062340
```

E - 10

3	0.367000941	0.502699716	0.110056636	0.020242707
	0.367000941	0.502699716	0.110056636	0.020242707
	0.367000941	0.502699716	0.110056636	0.020242707
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.334396888	0.522356872	0.123752733	0.019493507
	0.334396888	0.522356872	0.123752733	0.019493507
	0.334396888	0.522356872	0.123752733	0.019493507
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
4	0.367000941	0.502699716	0.110056636	0.020242707
	0.367000941	0.502699716	0.110056636	0.020242707
	0.367000941	0.502699716	0.110056636	0.020242707
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.334396888	0.522356872	0.123752733	0.019493507
	0.334396888	0.522356872	0.123752733	0.019493507
	0.334396888	0.522356872	0.123752733	0.019493507
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
5	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
6	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546

0.713063621	0.232791203	0.035306649	0.018838527

	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
7	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
8	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
9	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546

E - 12

	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
10	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
11	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
12	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546

E - 13

14	0.367000941	0.502699716	0.110056636	0.020242707
	0.367000941	0.502699716	0.110056636	0.020242707
	0.367000941	0.502699716	0.110056636	0.020242707
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.334396888	0.522356872	0.123752733	0.019493507
	0.334396888	0.522356872	0.123752733	0.019493507
	0.334396888	0.522356872	0.123752733	0.019493507
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
16	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
17	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
18	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546

	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
19	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
20	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
21	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546

0.680561473 0.266915828 0.032148153 0.020374546

	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
22	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
23	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
24	0.367000941	0.502699716	0.110056636	0.020242707
	0.367000941	0.502699716	0.110056636	0.020242707
	0.367000941	0.502699716	0.110056636	0.020242707
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.334396888	0.522356872	0.123752733	0.019493507
	0.334396888	0.522356872	0.123752733	0.019493507
	0.334396888	0.522356872	0.123752733	0.019493507
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340
	0.346313386	0.514333870	0.120290405	0.019062340

E - 16

25	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
26	0.567944842	0.379389406	0.037844255	0.014821497
	0.567944842	0.379389406	0.037844255	0.014821497
	0.567944842	0.379389406	0.037844255	0.014821497
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.586361287	0.360333631	0.037724077	0.015581005
	0.586361287	0.360333631	0.037724077	0.015581005
	0.586361287	0.360333631	0.037724077	0.015581005
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
	0.549043914	0.401438740	0.033002887	0.016514459
27	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.719392251	0.227080053	0.034891129	0.018636567
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.713063621	0.232791203	0.035306649	0.018838527
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
	0.680561473	0.266915828	0.032148153	0.020374546
28	0.504460218	0.395187191	0.080736400	0.019616191
	0.504460218	0.395187191	0.080736400	0.019616191
	0.504460218	0.395187191	0.080736400	0.019616191
	0.513981887	0.390221829	0.076075704	0.019720580
	0.513981887	0.390221829	0.076075704	0.019720580
	0.513981887	0.390221829	0.076075704	0.019720580
	0.513981887	0.390221829	0.076075704	0.019720580
	0.513981887	0.390221829	0.076075704	0.019720580

```
    0.513981887   0.390221829   0.076075704   0.019720580
    0.475006870   0.414832709   0.090910127   0.019250294
    0.475006870   0.414832709   0.090910127   0.019250294
    0.475006870   0.414832709   0.090910127   0.019250294
    0.513981887   0.390221829   0.076075704   0.019720580
    0.513981887   0.390221829   0.076075704   0.019720580
    0.513981887   0.390221829   0.076075704   0.019720580
    0.513981887   0.390221829   0.076075704   0.019720580
    0.513981887   0.390221829   0.076075704   0.019720580
    0.513981887   0.390221829   0.076075704   0.019720580
    0.513981887   0.390221829   0.076075704   0.019720580
    0.513981887   0.390221829   0.076075704   0.019720580
    0.513981887   0.390221829   0.076075704   0.019720580
    0.513981887   0.390221829   0.076075704   0.019720580
    0.513981887   0.390221829   0.076075704   0.019720580
    0.513981887   0.390221829   0.076075704   0.019720580
```

A - 13.0 MOBILE6 Emission Factor Output Files

A box has been placed around the composite emission factors used in calculating the total emissions so that it is easy to find. These numbers are multiplied by the total VMT/day for the daily emissions total for Lake & Porter counties.

3.1 2004

2004m6.txt

```
*************************************************************************
* MOBILE6.2.01 (31-Oct-2002)                                            *
* Input file: 2004M6.IN (file 1, run 1).                                *
*************************************************************************
  M617 Comment:
               User supplied alternate AC input: Cloud Cover Fraction set to 0.34.
  M616 Comment:
               User has supplied post-1999 sulfur levels.
  M603 Comment:
               User has disabled the calculation of REFUELING emissions.


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

* Reading non-default I/M CUTPOINTS from the following external
* data file: IM2002A.D

* Reading non-default I/M CUTPOINTS from the following external
* data file: IM2002B.D

* # # # # # # # # # # # # # # # # # # # # # # # # # # #
*
* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # # #
  M615 Comment:
               User supplied VMT mix.

* Reading Hourly Roadway VMT distribution from the following external
* data file: 2004NVMT.D

  Reading User Supplied ROADWAY VMT Factors
```

```
* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: SVMT04.D
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2004
                            Month:  July
                         Altitude:  Low
              Minimum Temperature:  62.5 (F)
              Maximum Temperature:  83.4 (F)
                Absolute Humidity:   86. grains/lb
              Fuel Sulfur Content:  120. ppm

              Exhaust I/M Program:  Yes
                 Evap I/M Program:  Yes
                      ATP Program:  Yes
                 Reformulated Gas:  Yes

       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC
All Veh
              GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------
------
   VMT Distribution:    0.3898    0.2912    0.1231              0.0564    0.0005    0.0018    0.1320    0.0052
1.0000
  ---------------------------------------------------------------------------------------------------------------
---------
 Composite Emission Factors (g/mi):
     Composite VOC :      0.946     0.803     0.923     0.839     1.001    0.579     0.585     0.464      1.96
0.845
     Composite NOX :      0.865     1.000     1.350     1.104     4.919    1.488     1.394    14.147      1.22
2.949
  ---------------------------------------------------------------------------------------------------------------
---------
Exhaust emissions (g/mi):
        VOC   Start:     0.256     0.238     0.315     0.260               0.257     0.193                0.398
      VOC   Running:     0.202     0.232     0.312     0.256               0.323     0.392                1.130
  VOC Total Exhaust:     0.459     0.470     0.627     0.517     0.446     0.579     0.585     0.464      1.53
0.488

          NOx Start:     0.170     0.195     0.222     0.203               0.078     0.040                0.375
        NOx Running:     0.695     0.805     1.128     0.901               1.410     1.354                0.850
  NOx Total Exhaust:     0.865     1.000     1.350     1.104     4.919     1.488     1.394    14.147      1.22
2.949
  ---------------------------------------------------------------------------------------------------------------
---------
Non-Exhaust Emissions (g/mi):
      Hot Soak Loss:     0.166     0.109     0.091     0.103     0.178     0.000     0.000     0.000     0.081
0.118
       Diurnal Loss:     0.022     0.015     0.015     0.015     0.039     0.000     0.000     0.000     0.005
0.017
       Resting Loss:     0.119     0.078     0.078     0.078     0.200     0.000     0.000     0.000     0.350
0.092
       Running Loss:     0.173     0.121     0.102     0.116     0.128     0.000     0.000     0.000     0.000
0.123
     Crankcase Loss:     0.008     0.010     0.010     0.010     0.010     0.000     0.000     0.000     0.000
0.008
     Refueling Loss:     0.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
0.000
  Total Non-Exhaust:     0.487     0.333     0.296     0.329     0.555     0.000     0.000     0.000     0.437
0.357
  ---------------------------------------------------------------------------------------------------------------
```

3.2 2010

2010m6.txt

```
*************************************************************************
* MOBILE6.2.03 (24-Sep-2003)                                            *
* Input file: 2010M6.IN (file 1, run 1).                                *
*************************************************************************
  M617 Comment:
               User supplied alternate AC input: Cloud Cover Fraction set to 0.34.
  M616 Comment:
               User has supplied post-1999 sulfur levels.
  M603 Comment:
               User has disabled the calculation of REFUELING emissions.


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

* Reading non-default I/M CUTPOINTS from the following external
* data file: IM2002A.D

* Reading non-default I/M CUTPOINTS from the following external
* data file: IM2002B.D

* # # # # # # # # # # # # # # # # # # # # # # # # # #
*
* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # # #
  M615 Comment:
               User supplied VMT mix.

* Reading Hourly Roadway VMT distribution from the following external
* data file: 2010NVMT.D

  Reading User Supplied ROADWAY VMT Factors

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: SVMT10.D
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
              there are no sales for vehicle class HDGV8b

                    Calendar Year:  2010
                            Month:  July
                         Altitude:  Low
              Minimum Temperature:  62.5 (F)
              Maximum Temperature:  83.4 (F)
                Absolute Humidity:   86. grains/lb
              Fuel Sulfur Content:   30. ppm

              Exhaust I/M Program:  Yes
                 Evap I/M Program:  Yes
                      ATP Program:  Yes
                 Reformulated Gas:  Yes

       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC
All Veh
                GVWR:                <6000     >6000     (All)
                        ------    ------    ------    ------    ------    ------    ------    ------    ------
------
   VMT Distribution:    0.3091    0.3366    0.1469              0.0590    0.0003    0.0022    0.1414    0.0047
1.0000
  ---------------------------------------------------------------------------------------------------------------
---------
 Composite Emission Factors (g/mi):
     Composite VOC :      0.548     0.449     0.538     0.476     0.567    0.184     0.318     0.316      1.90
0.487
     Composite NOX :      0.451     0.523     0.809     0.610     2.371    0.446     0.633     7.377      1.22
1.624
  ---------------------------------------------------------------------------------------------------------------
---------
```

```
Exhaust emissions (g/mi):
        VOC   Start:     0.116     0.116     0.159     0.129               0.068     0.103                0.398
      VOC   Running:     0.102     0.111     0.165     0.127               0.116     0.214                1.101
  VOC Total Exhaust:     0.218     0.227     0.324     0.257     0.168     0.184     0.318     0.316      1.50
0.254

          NOx Start:     0.085     0.102     0.137     0.112               0.018     0.020                0.375
        NOx Running:     0.366     0.422     0.673     0.498               0.427     0.614                0.843
  NOx Total Exhaust:     0.451     0.523     0.809     0.610     2.371     0.446     0.633     7.377      1.22
1.624
  ---------------------------------------------------------------------------------------------------------------
---------
Non-Exhaust Emissions (g/mi):
      Hot Soak Loss:     0.131     0.086     0.079     0.084     0.145     0.000     0.000     0.000     0.080
0.090
       Diurnal Loss:     0.014     0.009     0.010     0.010     0.024     0.000     0.000     0.000     0.002
0.010
       Resting Loss:     0.080     0.051     0.055     0.052     0.136     0.000     0.000     0.000     0.323
0.060
       Running Loss:     0.096     0.065     0.058     0.063     0.084     0.000     0.000     0.000     0.000
0.065
     Crankcase Loss:     0.008     0.010     0.010     0.010     0.010     0.000     0.000     0.000     0.000
0.008
     Refueling Loss:     0.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
0.000
  Total Non-Exhaust:     0.330     0.221     0.213     0.224     0.399     0.000     0.000     0.000     0.405
0.233
  ---------------------------------------------------------------------------------------------------------------
---------
```

3.3 2020

2020m6.txt

```
*************************************************************************
* MOBILE6.2.01 (31-Oct-2002)                                            *
* Input file: 2020M6.IN (file 1, run 1).                                *
*************************************************************************
  M617 Comment:
               User supplied alternate AC input: Cloud Cover Fraction set to 0.34.
  M616 Comment:
               User has supplied post-1999 sulfur levels.
  M603 Comment:
               User has disabled the calculation of REFUELING emissions.


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

* Reading non-default I/M CUTPOINTS from the following external
* data file: IM2002A.D

* Reading non-default I/M CUTPOINTS from the following external
* data file: IM2002B.D

* # # # # # # # # # # # # # # # # # # # # # # # # #
*
* File 1, Run 1, Scenario 1.
* # # # # # # # # # # # # # # # # # # # # # # # # #
  M615 Comment:
               User supplied VMT mix.

* Reading Hourly Roadway VMT distribution from the following external
* data file: 2020NVMT.D

  Reading User Supplied ROADWAY VMT Factors

* Reading Hourly, Roadway, and Speed VMT dist. from the following external
* data file: SVMT20.D
*** I/M credits for Tech1&2 vehicles were read from the following external
    data file: TECH12.D
  M 48 Warning:
              there are no sales for vehicle class HDGV8b
```

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

                    Calendar Year:  2020
                            Month:  July
                         Altitude:  Low
              Minimum Temperature:  62.5 (F)
              Maximum Temperature:  83.4 (F)
                Absolute Humidity:   86. grains/lb
              Fuel Sulfur Content:   30. ppm

              Exhaust I/M Program:  Yes
                 Evap I/M Program:  Yes
                      ATP Program:  Yes
                 Reformulated Gas:  Yes

       Vehicle Type:      LDGV    LDGT12    LDGT34      LDGT      HDGV      LDDV      LDDT      HDDV        MC
All Veh
               GVWR:                <6000     >6000     (All)
                         ------    ------    ------    ------    ------    ------    ------    ------    ------
------
   VMT Distribution:    0.2441    0.3850    0.1657              0.0581    0.0002    0.0024    0.1399    0.0045
1.0000
  ---------------------------------------------------------------------------------------------------------------
---------
 Composite Emission Factors (g/mi):
     Composite VOC :      0.233     0.218     0.278     0.236     0.266    0.064     0.126     0.223      1.92
0.243
     Composite NOX :      0.145     0.190     0.313     0.227     0.614    0.064     0.172     1.737      1.20
0.445
  ---------------------------------------------------------------------------------------------------------------
---------
Exhaust emissions (g/mi):
        VOC   Start:     0.049     0.059     0.079     0.065               0.022     0.042                0.398
      VOC   Running:     0.047     0.062     0.084     0.069               0.042     0.084                1.121
  VOC Total Exhaust:     0.096     0.121     0.163     0.134     0.075     0.064     0.126     0.223      1.52
0.140

          NOx Start:     0.027     0.034     0.054     0.040               0.003     0.006                0.375
        NOx Running:     0.119     0.156     0.260     0.187               0.061     0.166                0.827
  NOx Total Exhaust:     0.145     0.190     0.313     0.227     0.614     0.064     0.172     1.737      1.20
0.445
  ---------------------------------------------------------------------------------------------------------------
---------
Non-Exhaust Emissions (g/mi):
      Hot Soak Loss:     0.050     0.033     0.042     0.036     0.077     0.000     0.000     0.000     0.080
0.037
       Diurnal Loss:     0.005     0.003     0.005     0.004     0.011     0.000     0.000     0.000     0.002
0.004
       Resting Loss:     0.022     0.013     0.021     0.016     0.045     0.000     0.000     0.000     0.323
0.018
       Running Loss:     0.051     0.038     0.037     0.038     0.048     0.000     0.000     0.000     0.000
0.036
     Crankcase Loss:     0.008     0.010     0.010     0.010     0.010     0.000     0.000     0.000     0.000
0.008
     Refueling Loss:     0.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
0.000
  Total Non-Exhaust:     0.137     0.097     0.115     0.103     0.191     0.000     0.000     0.000     0.405
0.103
  ---------------------------------------------------------------------------------------------------------------
---------
```