

Appendix A – Mobile Source Emissions Modeling: VMT Summaries by Dispersion Modeling Domain and Nonattainment Area Domain

2001 EA AM PEAK PERIODS SUMMARY					
AREA TYPE	ROAD CLASS	AM PD 1	AM PD 2	AM PD 3	AM PEAK TOTAL
1	2	556	427	540	1,523
	3	19,325	11,999	13,836	45,159
	4	10,415	6,470	7,488	24,373
	5	2,324	1,973	2,838	7,135
	8	1,650	1,003	1,150	3,802
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		34,269	21,872	25,851	81,992
	1	157,302	87,268	92,729	337,300
	2	12,214	6,679	7,149	26,042
	3	88,744	51,630	56,972	197,345
2	4	24,189	14,655	16,939	55,783
	5	16,117	13,066	17,509	46,691
	6	6,107	3,446	3,831	13,384
	8	17,461	10,627	12,091	40,179
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		322,135	187,370	207,219	716,724
	1	366,044	204,548	217,902	788,494
	2	38,314	22,279	24,286	84,879
	3	491,074	290,004	325,172	1,106,250
	4	142,874	89,565	104,432	336,871
3	5	68,040	63,518	97,319	228,876
	6	17,082	9,805	10,911	37,798
	8	102,890	62,581	71,521	236,992
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		1,226,317	742,299	851,544	2,820,160
	1	570,586	340,441	381,524	1,292,552
	2	52,728	31,513	35,511	119,752
	3	468,188	277,936	311,435	1,057,559
	4	171,406	112,067	135,593	419,066
	5	76,395	61,398	86,434	224,228
4	6	18,543	11,077	12,640	42,260
	8	117,578	71,659	82,039	271,276
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		1,475,424	906,092	1,045,177	3,426,692
	1	156,064	106,061	131,915	394,040
	2	22,613	13,998	16,021	52,633
	3	65,524	43,696	53,346	162,565
	4	42,001	31,277	42,785	116,063
	5	27,735	21,899	31,966	81,600
	6	2,969	2,067	2,647	7,683
5	8	11,069	6,891	7,853	25,813
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		327,975	225,890	286,533	840,397
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		3,386,120	2,083,522	2,416,323	7,885,965

2001 EA PM PEAK PERIODS SUMMARY

AREA TYPE	ROAD CLASS	PM PD 1	PM PD 2	PM PD 3	PM PEAK TOTAL
	2	745	542	370	1,656
	3	52,861	28,003	15,755	96,619
	4	28,804	15,043	8,462	52,309
	5	6,412	4,950	3,541	14,904
	8	4,809	2,458	1,409	8,676
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1		93,631	50,995	29,538	174,164
	1	395,023	177,063	93,393	665,478
	2	31,777	14,125	7,473	53,375
	3	235,262	114,632	62,935	412,829
	4	65,841	33,832	18,964	118,638
	5	42,128	31,617	20,902	94,647
	6	15,746	7,427	4,135	27,307
	8	47,510	24,454	13,987	85,952
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2		833,287	403,151	221,789	1,458,227
	1	935,071	425,366	225,595	1,586,032
	2	100,075	47,567	25,446	173,088
	3	1,308,403	649,286	358,180	2,315,870
	4	382,143	204,607	116,576	703,326
	5	172,180	155,743	115,862	443,784
	6	45,204	21,790	12,235	79,229
	8	305,148	156,427	89,361	550,936
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3		3,248,225	1,660,785	943,255	5,852,264
	1	1,489,678	748,721	420,117	2,658,516
	2	138,842	69,217	38,980	247,040
	3	1,247,968	617,989	343,828	2,209,785
	4	476,210	266,706	157,409	900,325
	5	193,868	148,347	103,630	445,844
	6	48,338	23,942	13,253	85,533
	8	367,294	188,949	108,008	664,251
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4		3,962,198	2,063,870	1,185,225	7,211,293
	1	362,481	216,253	138,339	717,074
	2	54,378	29,660	18,123	102,160
	3	160,537	89,515	53,403	303,455
	4	91,650	65,644	45,904	203,198
	5	62,709	40,097	32,164	134,970
	6	6,415	3,800	2,528	12,743
	8	28,903	14,807	8,555	52,265
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5		767,073	459,776	299,016	1,525,866
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		8,904,413	4,638,577	2,678,824	16,221,814

2001 EA OFF PEAK AND GRAND TOTAL SUMMARY							
AREA TYPE	ROAD CLASS	OFF PD 1	OFF PD 2	OFF PD3	OFF PD 4	OFF TOTAL	GRAND TOTAL
	2	0	0	0	0	0	3,179
	3	23,408	27,760	71,980	16,262	139,410	281,189
	4	13,137	15,173	39,232	8,950	76,493	153,174
	5	2,049	2,413	6,447	1,516	12,425	34,464
	8	2,417	2,882	7,317	1,602	14,217	26,695
1		41,010	48,228	124,977	28,330	242,545	498,702
	1	236,081	274,619	668,747	138,473	1,317,920	2,320,698
	2	19,333	22,514	54,857	11,249	107,953	187,370
	3	121,608	137,878	352,328	77,812	689,626	1,299,800
	4	26,251	32,933	89,729	20,583	169,495	343,916
	5	12,126	14,278	39,570	9,693	75,666	217,005
	6	8,653	9,837	24,158	5,079	47,728	88,418
	8	23,922	27,811	71,282	15,638	138,652	264,784
2		447,973	519,869	1,300,670	278,528	2,547,040	4,721,991
	1	567,305	650,251	1,574,550	328,461	3,120,566	5,495,093
	2	49,525	60,776	162,203	34,760	307,264	565,231
	3	601,829	720,149	1,884,129	419,217	3,625,324	7,047,444
	4	156,896	184,057	501,853	116,484	959,290	1,999,487
	5	45,966	54,809	153,755	38,155	292,685	965,346
	6	25,523	28,844	70,809	15,100	140,276	257,302
	8	157,732	183,364	468,088	102,299	911,484	1,699,412
3		1,604,776	1,882,250	4,815,386	1,054,477	9,356,889	18029313
	1	771,050	894,226	2,264,597	493,084	4,422,957	8,374,024
	2	71,614	82,210	206,412	45,480	405,716	772,507
	3	679,235	776,933	1,940,913	417,933	3,815,014	7,082,358
	4	205,766	242,060	639,977	147,049	1,234,853	2,554,245
	5	58,787	69,849	195,213	47,950	371,800	1,041,871
	6	25,264	29,523	73,947	15,855	144,589	272,382
	8	192,743	223,668	572,797	125,669	1,114,876	2,050,403
4		2,004,460	2,318,468	5,893,856	1,293,020	11509805	22147790
	1	166,227	196,880	518,580	116,435	998,121	2,109,235
	2	26,728	30,823	80,488	17,586	155,625	310,418
	3	58,790	71,025	192,549	45,059	367,422	833,443
	4	32,400	39,071	104,689	24,538	200,698	519,959
	5	27,404	31,915	82,764	18,654	160,736	377,306
	6	3,054	3,586	9,378	2,099	18,118	38,544
	8	14,053	15,905	41,537	9,043	80,539	158,617
5		328,656	389,205	1,029,985	233,414	1,981,260	4,347,523
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		4,426,876	5,158,020	13164874	2,887,770	25637539	49745318

2010 OA AM PEAK PERIODS SUMMARY

AREA TYPE	ROAD CLASS	AM PD 1	AM PD 2	AM PD 3	AM PEAK TOTAL
	2	574	434	548	1,555
	3	21,438	13,336	15,153	49,927
	4	12,266	7,587	8,737	28,590
	5	2,675	2,260	3,280	8,214
	8	2,555	1,546	1,769	5,870
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1		39,507	25,163	29,487	94,156
	1	211,341	117,158	125,261	453,759
	2	20,804	11,686	12,637	45,128
	3	99,731	58,165	64,396	222,292
	4	27,407	17,113	20,024	64,544
	5	17,841	14,783	20,378	53,002
	6	7,202	4,293	4,986	16,481
	8	21,950	13,366	15,241	50,557
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2		406,276	236,564	262,923	905,763
	1	523,975	289,665	308,789	1,122,429
	2	44,154	24,998	26,994	96,146
	3	600,169	359,505	405,762	1,365,435
	4	164,285	104,250	122,338	390,873
	5	87,097	80,434	123,056	290,587
	6	22,414	12,623	14,080	49,118
	8	132,554	80,480	91,803	304,838
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3		1,574,649	951,955	1,092,822	3,619,425
	1	734,182	445,914	506,408	1,686,504
	2	85,525	49,966	55,190	190,681
	3	620,470	368,334	415,559	1,404,363
	4	207,284	136,880	165,953	510,117
	5	98,331	83,396	119,732	301,459
	6	27,304	16,592	19,055	62,951
	8	138,720	84,997	97,392	321,110
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4		1,911,817	1,186,080	1,379,289	4,477,186
	1	139,679	88,792	104,641	333,111
	2	6,600	4,420	5,164	16,184
	3	45,348	29,076	33,652	108,077
	4	12,343	9,954	13,994	36,292
	5	33,093	25,479	37,477	96,049
	6	2,540	1,796	2,224	6,560
	8	13,085	8,088	9,247	30,420
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5		252,688	167,606	206,400	626,694
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		4,184,937	2,567,368	2,970,920	9,723,225

2010 OA PM PEAK PERIODS SUMMARY

AREA TYPE	ROAD CLASS	PM PD 1	PM PD 2	PM PD 3	PM PEAK TOTAL
	2	1,072	709	467	2,247
	3	68,946	30,593	17,323	116,862
	4	39,230	17,332	9,770	66,332
	5	8,670	6,224	4,443	19,337
	8	8,836	3,911	2,240	14,986
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1		126,754	58,769	34,242	219,764
	1	614,591	239,084	128,404	982,079
	2	63,075	24,197	13,126	100,398
	3	307,709	127,894	70,966	506,569
	4	86,010	40,201	23,359	149,571
	5	52,528	36,629	24,877	114,035
	6	22,598	9,222	5,245	37,066
	8	70,425	31,409	18,011	119,845
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2		1,216,938	508,635	283,989	2,009,562
	1	1,599,547	613,811	327,641	2,540,999
	2	135,417	53,744	28,834	217,994
	3	1,849,744	800,895	446,030	3,096,669
	4	498,653	240,755	138,576	877,985
	5	229,232	195,346	149,811	574,389
	6	69,481	27,667	15,501	112,648
	8	454,828	201,567	114,987	771,383
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3		4,836,902	2,133,784	1,221,381	8,192,067
	1	2,210,931	981,819	558,250	3,751,001
	2	259,688	109,026	60,358	429,073
	3	1,942,812	826,415	461,062	3,230,289
	4	651,041	323,835	192,824	1,167,700
	5	280,765	201,375	143,815	625,955
	6	81,167	35,229	20,001	136,397
	8	507,352	226,255	129,948	863,555
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4		5,933,756	2,703,955	1,566,258	10,203,969
	1	410,996	195,863	115,351	722,210
	2	17,946	8,677	5,092	31,714
	3	130,995	61,086	35,534	227,615
	4	35,184	21,481	15,173	71,837
	5	95,439	50,705	36,463	182,607
	6	9,193	4,640	2,839	16,672
	8	42,571	18,985	10,993	72,549
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5		742,323	361,436	221,446	1,325,205
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		12,856,673	5,766,579	3,327,315	21,950,566

2010 OA OFF PEAK AND GRAND TOTAL SUMMARY

AREA TYPE	ROAD CLASS	OFF PD 1	OFF PD 2	OFF PD3	OFF PD 4	OFF TOTAL	GRAND TOTAL
	2	0	0	0	0	0	3,802
	3	28,793	33,992	74,738	18,355	155,877	322,666
	4	16,617	19,327	43,305	10,736	89,985	184,907
	5	2,543	2,975	7,025	1,859	14,402	41,953
	8	4,054	4,767	10,406	2,525	21,752	42,608
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1		52,007	61,062	135,474	33,474	282,016	595,937
	1	322,000	374,332	793,963	182,251	1,672,546	3,108,384
	2	32,982	37,188	77,922	17,864	165,956	311,482
	3	140,677	165,404	362,240	86,769	755,091	1,483,951
	4	30,367	37,626	86,828	22,053	176,874	390,989
	5	15,025	17,858	41,704	11,147	85,735	252,773
	6	10,448	12,463	26,517	6,283	55,711	109,258
	8	32,252	37,701	82,685	19,971	172,609	343,011
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2		583,751	682,572	1,471,859	346,340	3,084,522	5,999,846
	1	864,926	984,816	2,074,023	473,547	4,397,312	8,060,740
	2	68,174	81,254	174,284	40,543	364,255	678,395
	3	778,174	930,109	2,067,093	507,191	4,282,566	8,744,670
	4	183,974	216,051	505,178	129,429	1,034,632	2,303,489
	5	58,602	70,193	166,350	46,152	341,298	1,206,273
	6	36,608	41,176	86,119	19,778	183,681	345,447
	8	208,742	244,022	533,910	128,929	1,115,604	2,191,824
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3		2,199,201	2,567,621	5,606,956	1,345,569	11,719,347	23,530,839
	1	994,482	1,182,872	2,601,600	627,475	5,406,429	10,843,934
	2	119,950	143,186	317,046	76,578	656,760	1,276,514
	3	950,829	1,081,382	2,321,302	555,382	4,908,896	9,543,548
	4	251,200	292,601	671,213	171,088	1,386,102	3,063,920
	5	82,171	99,665	232,854	62,354	477,043	1,404,457
	6	35,401	41,936	91,842	22,270	191,448	390,797
	8	237,946	278,163	609,848	147,538	1,273,495	2,458,159
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4		2,671,979	3,119,803	6,845,705	1,662,686	14,300,174	28,981,329
	1	168,668	199,573	450,804	112,839	931,884	1,987,205
	2	7,290	8,915	19,755	5,018	40,978	88,876
	3	51,456	60,084	134,810	34,492	280,842	616,535
	4	13,022	14,859	33,053	8,440	69,374	177,503
	5	38,732	46,036	99,854	24,635	209,257	487,913
	6	3,254	3,774	8,495	2,210	17,734	40,966
	8	19,435	22,431	48,968	11,936	102,770	205,739
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5		301,858	355,673	795,740	199,569	1,652,840	3,604,739
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		5,808,797	6,786,730	14,855,734	3,587,638	31,038,899	62,712,690

2020 TA AM PEAK PERIODS SUMMARY

AREA TYPE	ROAD CLASS	AM PD 1	AM PD 2	AM PD 3	AM PEAK TOTAL
	2	706	509	618	1,833
	3	23,434	14,181	16,056	53,671
	4	13,926	8,388	9,482	31,796
	5	3,605	3,033	4,184	10,821
	8	3,191	1,931	2,206	7,328
1		-----	-----	-----	-----
		44,862	28,042	32,546	105,449
	1	222,303	122,510	131,186	475,998
	2	21,510	12,073	13,022	46,605
	3	110,104	64,752	72,960	247,816
	4	28,538	17,588	20,176	66,302
	5	20,194	17,025	22,929	60,147
	6	8,015	4,732	5,338	18,085
	8	24,936	15,171	17,345	57,451
2		-----	-----	-----	-----
		435,599	253,850	282,955	972,404
	1	602,449	334,461	358,897	1,295,806
	2	47,000	26,680	29,014	102,694
	3	681,433	412,115	467,176	1,560,725
	4	163,224	105,359	124,305	392,889
	5	89,305	85,356	133,056	307,717
	6	26,106	15,332	17,308	58,746
	8	146,586	89,127	101,553	337,266
3		-----	-----	-----	-----
		1,756,103	1,068,430	1,231,309	4,055,843
	1	839,420	511,400	581,120	1,931,940
	2	96,347	57,566	64,957	218,870
	3	692,137	414,474	469,436	1,576,046
	4	196,077	131,324	160,117	487,518
	5	133,191	109,056	154,057	396,304
	6	28,682	17,500	20,508	66,690
	8	158,634	97,047	111,148	366,829
4		-----	-----	-----	-----
		2,144,488	1,338,367	1,561,343	5,044,198
	1	96,423	57,965	65,774	220,161
	2	5,887	3,582	4,065	13,534
	3	33,626	22,189	26,597	82,411
	4	6,664	6,338	9,297	22,299
	5	38,352	29,588	40,962	108,902
	6	1,557	953	1,073	3,583
	8	16,100	9,741	11,191	37,032
5		-----	-----	-----	-----
		198,608	130,355	158,959	487,922
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		4,579,660	2,819,045	3,267,112	10,665,817

2020 TA PM PEAK PERIODS SUMMARY

AREA TYPE	ROAD CLASS	PM PD 1	PM PD 2	PM PD 3	PM PEAK TOTAL
	2	1,393	778	493	2,664
	3	81,913	32,022	18,040	131,975
	4	48,942	18,275	10,299	77,516
	5	12,978	8,111	5,330	26,418
	8	12,153	4,770	2,733	19,656
1		-----	-----	-----	-----
		157,379	63,956	36,894	258,229
	1	754,176	252,794	134,888	1,141,858
	2	72,310	24,543	13,299	110,152
	3	386,024	144,889	80,683	611,597
	4	100,286	40,780	23,555	164,620
	5	64,136	40,516	27,280	131,932
	6	27,048	9,752	5,630	42,430
	8	89,225	35,497	20,302	145,025
2		-----	-----	-----	-----
		1,493,205	548,772	305,637	2,347,614
	1	2,091,410	708,212	378,203	3,177,826
	2	166,371	57,725	31,060	255,156
	3	2,353,096	916,726	513,416	3,783,238
	4	543,258	239,624	138,590	921,471
	5	248,048	198,943	155,412	602,402
	6	90,752	32,971	18,420	142,142
	8	562,847	222,051	126,498	911,396
3		-----	-----	-----	-----
		6,055,781	2,376,252	1,361,598	9,793,631
	1	2,889,996	1,151,841	652,591	4,694,427
	2	337,023	126,416	70,106	533,545
	3	2,474,041	934,003	523,209	3,931,253
	4	667,503	307,406	183,821	1,158,730
	5	375,436	246,064	173,447	794,946
	6	98,066	37,674	21,826	157,566
	8	649,546	257,967	147,916	1,055,430
4		-----	-----	-----	-----
		7,491,611	3,061,370	1,772,917	12,325,897
	1	305,207	123,673	69,816	498,696
	2	17,371	7,264	4,163	28,798
	3	103,710	45,969	27,236	176,914
	4	19,907	11,379	8,613	39,899
	5	113,725	55,683	39,544	208,952
	6	5,558	2,335	1,351	9,245
	8	58,627	23,059	13,163	94,849
5		-----	-----	-----	-----
		624,105	269,362	163,886	1,057,354
		=====	=====	=====	=====
		15,822,081	6,319,712	3,640,933	25,782,726

2020 TA OFF PEAK AND GRAND TOTAL SUMMARY

AREA TYPE	ROAD CLASS	OFF PD 1	OFF PD 2	OFF PD3	OFF PD 4	OFF TOTAL	GRAND TOTAL
	2	0	0	0	0	0	4,498
	3	34,374	39,782	77,396	20,963	172,515	358,161
	4	19,292	23,826	47,304	12,850	103,271	212,584
	5	3,321	3,931	8,222	2,715	18,190	55,429
	8	5,167	6,114	11,904	3,219	26,404	53,388
1		62,154	73,653	144,826	39,747	320,380	684,059
	1	375,161	435,688	809,611	204,949	1,825,409	3,443,265
	2	36,926	41,330	76,689	19,109	174,054	330,811
	3	157,104	187,823	371,368	100,053	816,348	1,675,761
	4	32,411	42,026	84,696	24,366	183,498	414,421
	5	17,367	21,723	45,016	14,125	98,233	290,312
	6	12,355	14,312	26,807	7,078	60,552	121,067
	8	37,877	44,725	87,355	23,490	193,447	395,923
2		669,200	787,628	1,501,542	393,171	3,351,540	6,671,559
	1	1,060,808	1,219,872	2,250,012	568,323	5,099,015	9,572,647
	2	75,493	91,164	174,023	44,995	385,674	743,524
	3	909,290	1,092,345	2,178,907	605,050	4,785,592	10,129,555
	4	181,877	223,466	468,042	135,341	1,008,726	2,323,085
	5	64,287	78,831	166,552	53,283	362,953	1,273,072
	6	42,532	48,833	91,373	23,335	206,073	406,961
	8	237,912	280,117	546,993	148,540	1,213,562	2,462,225
3		2,572,200	3,034,627	5,875,902	1,578,866	13,061,595	26,911,069
	1	1,137,609	1,413,596	2,804,210	769,347	6,124,760	12,751,128
	2	135,375	172,875	342,148	92,177	742,575	1,494,991
	3	1,127,414	1,281,214	2,460,454	660,209	5,529,291	11,036,591
	4	255,091	294,329	589,973	169,091	1,308,484	2,954,731
	5	114,053	138,793	287,795	87,437	628,078	1,819,328
	6	40,026	48,188	93,623	25,239	207,076	431,332
	8	281,597	331,199	644,004	174,732	1,431,532	2,853,791
4		3,091,164	3,680,194	7,222,208	1,978,231	15,971,796	33,341,892
	1	132,633	159,630	314,822	86,299	693,384	1,412,241
	2	8,119	9,808	19,241	5,138	42,306	84,638
	3	41,937	46,231	92,163	26,590	206,921	466,245
	4	9,378	10,572	18,493	5,066	43,509	105,707
	5	43,824	52,617	103,797	28,907	229,145	547,000
	6	2,330	2,793	5,228	1,408	11,758	24,586
	8	24,424	28,894	55,951	15,195	124,464	256,346
5		262,645	310,544	609,695	168,603	1,351,488	2,896,764
		6,657,363	7,886,646	15,354,172	4,158,618	34,056,800	70,505,342