

Appendix D

VMT and Speeds

MRM Run - 07/01/10					
2010 VMT	2010	2010	2010	2010	2010
Gaston	AM Peak	Midday	PM Peak	Night	Daily
Rural Interstate	25,436	29,867	26,332	18,045	99,681
Rural Principal Arterial	57,510	58,954	59,572	35,719	211,755
Rural Minor Arterial	74,757	92,506	84,034	52,622	303,920
Rural Major Collector	81,694	103,172	93,540	62,123	340,529
Rural Minor Collector	40,871	47,274	48,684	25,387	162,216
Rural Local	71,556	98,521	87,152	53,520	310,750
Urban Interstate	467,251	567,935	501,310	345,349	1,881,846
Urban Other Freeway/Xprway	23,230	27,647	23,736	17,479	92,092
Urban Principal Arterial	254,148	353,147	296,590	200,624	1,104,508
Urban Minor Arterial	223,531	315,101	260,299	177,355	976,286
Urban Collector	55,677	76,646	67,312	39,612	239,248
Urban Local	204,996	331,455	241,963	172,749	951,163
Rural	351,824	430,295	399,315	247,417	1,428,850
Urban	1,228,833	1,671,931	1,391,210	953,169	5,245,142
Daily	1,580,656	2,102,225	1,790,525	1,200,585	6,673,992

MRM Run - 07/01/10					
2011 VMT	2011	2011	2011	2011	2011
Gaston	AM Peak	Midday	PM Peak	Night	Daily
Rural Interstate	28,350	31,654	29,382	18,797	108,183
Rural Principal Arterial	57,476	60,186	61,188	36,214	215,065
Rural Minor Arterial	77,458	97,141	86,679	55,683	316,962
Rural Major Collector	82,273	104,577	94,675	63,064	344,589
Rural Minor Collector	41,274	48,217	49,806	25,952	165,249
Rural Local	72,186	101,571	89,432	55,143	318,332
Urban Interstate	483,985	580,806	517,844	353,257	1,935,892
Urban Other Freeway/Xprway	23,066	27,507	24,104	17,014	91,691
Urban Principal Arterial	256,888	358,131	299,632	204,051	1,118,701
Urban Minor Arterial	224,810	320,408	262,686	181,041	988,946
Urban Collector	55,192	77,789	66,988	40,241	240,209
Urban Local	208,939	337,505	246,523	176,141	969,108
Rural	359,018	443,346	411,161	254,854	1,468,379
Urban	1,252,879	1,702,146	1,417,778	971,746	5,344,548
Daily	1,611,898	2,145,491	1,828,939	1,226,600	6,812,928

MRM Run - 07/01/10					
2015 VMT	2015	2015	2015	2015	2015
Gaston	AM Peak	Midday	PM Peak	Night	Daily
Rural Interstate	30,038	34,755	31,238	20,438	116,468
Rural Principal Arterial	64,100	66,750	69,025	40,377	240,252
Rural Minor Arterial	83,615	104,866	93,071	59,417	340,968
Rural Major Collector	91,785	117,928	105,148	71,298	386,160
Rural Minor Collector	41,944	49,258	50,029	26,174	167,405
Rural Local	80,001	111,036	97,416	60,152	348,606
Urban Interstate	592,946	710,632	657,849	425,626	2,387,053
Urban Other Freeway/Xprway	24,359	28,754	25,329	18,190	96,633
Urban Principal Arterial	264,269	363,500	305,354	205,043	1,138,167
Urban Minor Arterial	228,045	326,901	262,320	185,868	1,003,134
Urban Collector	59,428	83,797	71,719	44,764	259,708
Urban Local	224,466	360,257	263,624	190,021	1,038,368
Rural	391,484	484,593	445,927	277,855	1,599,860
Urban	1,393,514	1,873,841	1,586,194	1,069,513	5,923,062
Daily	1,784,998	2,358,434	2,032,121	1,347,368	7,522,922

MRM Run - 07/01/10					
2025 VMT	2025	2025	2025	2025	2025
Gaston	AM Peak	Midday	PM Peak	Night	Daily
Rural Interstate	34,762	42,944	35,626	25,087	138,419
Rural Principal Arterial	76,636	83,039	82,896	48,254	290,825
Rural Minor Arterial	95,107	118,781	106,202	67,627	387,716
Rural Major Collector	115,480	154,802	132,774	94,089	497,144
Rural Minor Collector	60,102	68,948	71,160	36,738	236,948
Rural Local	111,182	147,023	136,877	78,432	473,514
Urban Interstate	649,940	854,104	718,944	502,353	2,725,341
Urban Other Freeway/Xprway	30,473	37,965	32,707	23,129	124,273
Urban Principal Arterial	328,965	427,946	377,173	238,352	1,372,436
Urban Minor Arterial	273,658	377,171	308,910	217,665	1,177,404
Urban Collector	76,800	102,719	90,271	55,579	325,369
Urban Local	267,242	421,581	312,458	223,104	1,224,384
Rural	493,270	615,536	565,534	350,226	2,024,566
Urban	1,627,077	2,221,486	1,840,463	1,260,182	6,949,207
Daily	2,120,346	2,837,022	2,405,997	1,610,408	8,973,773

MRM Run - 07/01/10					
2035 VMT	2035	2035	2035	2035	2035
Gaston	AM Peak	Midday	PM Peak	Night	Daily
Rural Interstate	37,838	50,875	38,968	30,153	157,834
Rural Principal Arterial	84,558	98,443	91,155	56,322	330,478
Rural Minor Arterial	109,513	137,471	122,194	77,133	446,310
Rural Major Collector	133,189	175,874	152,362	106,955	568,380
Rural Minor Collector	78,000	84,988	92,053	44,506	299,547
Rural Local	144,276	178,374	174,830	92,328	589,809
Urban Interstate	706,613	980,189	782,963	588,685	3,058,450
Urban Other Freeway/Xprway	32,760	42,580	34,904	26,221	136,465
Urban Principal Arterial	404,926	512,416	460,495	277,989	1,655,826
Urban Minor Arterial	305,403	406,944	343,696	235,775	1,291,818
Urban Collector	90,097	113,239	102,902	61,518	367,756
Urban Local	305,651	474,196	357,475	251,167	1,388,489
Rural	587,373	726,025	671,563	407,398	2,392,359
Urban	1,845,451	2,529,563	2,082,434	1,441,355	7,898,803
Daily	2,432,824	3,255,588	2,753,997	1,848,752	10,291,162

MRM Run - 07/01/10				
2010 MPH	2010	2010	2010	2010
Gaston	AM Peak	Midday	PM Peak	Night
Rural Interstate	46	61	58	62
Rural Principal Arterial	54	57	56	58
Rural Minor Arterial	43	49	42	51
Rural Major Collector	39	48	40	52
Rural Minor Collector	40	41	40	41
Rural Local	28	28	29	28
Urban Interstate	43	63	42	63
Urban Other Freeway/Xprway	52	55	53	56
Urban Principal Arterial	30	35	29	40
Urban Minor Arterial	31	36	31	40
Urban Collector	29	26	21	30
Urban Local	24	24	24	24

MRM Run - 07/01/10				
2011 MPH	2011	2011	2011	2011
Gaston	AM Peak	Midday	PM Peak	Night
Rural Interstate	60	62	57	61
Rural Principal Arterial	52	57	55	58
Rural Minor Arterial	42	49	41	51
Rural Major Collector	41	49	41	52
Rural Minor Collector	40	41	40	41
Rural Local	28	28	29	28
Urban Interstate	44	63	42	63
Urban Other Freeway/Xprway	53	55	53	56
Urban Principal Arterial	30	35	28	40
Urban Minor Arterial	31	35	31	40
Urban Collector	28	26	21	33
Urban Local	24	24	23	24

MRM Run - 07/01/10				
2015 MPH	2015	2015	2015	2015
Gaston	AM Peak	Midday	PM Peak	Night
Rural Interstate	59	62	56	61
Rural Principal Arterial	51	56	55	58
Rural Minor Arterial	40	48	40	51
Rural Major Collector	39	48	39	51
Rural Minor Collector	40	41	40	41
Rural Local	28	28	29	28
Urban Interstate	46	63	47	63
Urban Other Freeway/Xprway	52	55	52	56
Urban Principal Arterial	31	35	30	40
Urban Minor Arterial	31	35	31	40
Urban Collector	29	27	22	33
Urban Local	24	24	24	24

MRM Run - 07/01/10				
2025 MPH	2025	2025	2025	2025
Gaston	AM Peak	Midday	PM Peak	Night
Rural Interstate	54	61	44	61
Rural Principal Arterial	47	54	52	56
Rural Minor Arterial	33	44	34	48
Rural Major Collector	33	42	33	50
Rural Minor Collector	36	39	36	40
Rural Local	28	27	28	27
Urban Interstate	39	61	40	63
Urban Other Freeway/Xprway	49	52	48	55
Urban Principal Arterial	28	35	28	40
Urban Minor Arterial	27	34	28	39
Urban Collector	27	27	22	35
Urban Local	23	24	23	24

MRM Run - 07/01/10				
2035 MPH	2035	2035	2035	2035
Gaston	AM Peak	Midday	PM Peak	Night
Rural Interstate	48	57	31	61
Rural Principal Arterial	44	52	50	56
Rural Minor Arterial	30	42	31	48
Rural Major Collector	28	39	30	48
Rural Minor Collector	34	38	33	40
Rural Local	28	28	28	27
Urban Interstate	37	56	34	63
Urban Other Freeway/Xprway	47	51	47	55
Urban Principal Arterial	26	34	26	40
Urban Minor Arterial	26	33	26	39
Urban Collector	27	26	21	34
Urban Local	23	24	23	24