

Appendix D: VMT and Speeds

Guilford County VMT and Speeds for NCDAQ

Guilford County VMT Projections (Source: PTRM and Calculated)						
	2009	2011	2015	2021	2025	2035
Urban Interstate	3,446,373	3,560,258	3,788,027	4,470,917	4,926,177	5,678,163
Other Freeway & Expressway	1,634,615	1,685,988	1,788,735	2,408,780	2,822,143	3,490,636
Other Principal Arterial	1,865,577	1,890,147	1,939,286	2,039,567	2,106,422	2,332,890
Minor Arterial	2,267,249	2,331,812	2,460,938	2,551,911	2,612,559	3,335,279
Urban Collector	988,357	1,020,516	1,084,833	1,138,841	1,174,846	1,448,522
Urban Local	519,919	533,893	561,842	600,942	627,008	749,667
Rural						
Rural Interstate	855,058	869,880	899,525	1,103,635	1,239,708	1,393,982
Other PA	406,477	413,228	426,729	422,432	419,567	464,182
Minor Arterial	204,406	210,658	223,163	175,448	143,638	222,713
Rural Major Collector	483,657	503,123	542,055	554,925	563,505	634,159
Rural Minor Collector	210,414	213,599	219,970	246,007	263,365	370,593
Rural Local	312,326	319,459	333,723	381,900	414,018	446,397
SUM	13,194,428	13,552,561	14,268,827	16,095,306	17,312,958	20,567,182

Guilford County Estimated Speeds (Source: PTRM and Calculated)						
	2009	2011	2015	2021	2025	2035
Urban Interstate	63.5	63.4	63.2	62.1	61.5	60.3
Other Freeway & Expressway	55.8	55.7	55.5	56.4	57.0	57.0
Other Principal Arterial	32.7	32.7	32.6	32.6	32.6	32.1
Minor Arterial	30.3	30.4	30.6	30.6	30.6	31.7
Urban Collector	29.2	29.2	29.2	29.2	29.1	29.4
Urban Local	24.4	24.4	24.3	24.4	24.4	24.3
Rural						
Rural Interstate	61.8	61.7	61.5	60.8	60.4	57.9
Other PA	46.4	47.0	48.3	50.1	51.3	51.3
Minor Arterial	37.2	37.1	36.8	37.3	37.5	45.7
Rural Major Collector	36.8	36.8	36.9	36.7	36.6	36.8
Rural Minor Collector	36.8	36.7	36.6	37.0	37.3	38.0
Rural Local	44.6	44.4	44.2	43.4	43.0	41.7