

## Appendix G. VMT Normalization Procedure

VMT normalization was applied only to Wake County for 2005 CO.

<b>2002 Modeled Area Population =</b> 728,489 <b>2002 County Population =</b> 728,489		<b>Population Adjustment Factor =</b> 1	
<b>Functional Classification</b>	2002 Universe	2002 Model	
<b>Urban Functional Classification</b>			
Interstate	4,179,770	<b>4,577,104</b>	
Freeway	964,630	<b>1,875,742</b>	
Other P-A	3,418,710	<b>3,376,121</b>	
Minor Arterial	2,597,120	<b>3,120,606</b>	
Collector	873,440	<b>1,186,760</b>	
Local	931,330	<b>1,604,383</b>	
<b>Rural Functional Classification</b>			
Interstate	206,210	<b>177,160</b>	
Other P-A	1,082,250	<b>1,323,442</b>	
Minor Arterial	896,200	<b>914,956</b>	
Major Collector	753,760	<b>741,685</b>	
Minor Collector	452,410	<b>861,212</b>	
Local	373,460	<b>1,354,472</b>	
<b>Totals:</b>	16,729,290	21,113,643	
	<b>HPMS VMT</b>	<b>Population Adjusted HPMS VMT</b>	<b>Model VMT</b>
<b>Non-Local</b>	15,424,500	15,424,500	18,154,788
<b>Local</b>	1,304,790	1,304,790	2,958,855
<b>Total</b>	<b>16,729,290</b>	<b>16,729,290</b>	<b>21,113,643</b>
<b>VMT Adjustment Factors</b>			
<b>Non-Local</b>	1.0000	0.8496	
<b>Local</b>	1.0000	0.4410	
<b>Composite VMT Adjustment Factors for normalization</b>	<b>0.7923390</b>		