Appendix E: VMT and Speeds

Based on 2008 8-hour Non-attainment Boundary
2022: NC MTP 2055

				AM Peak		Midday		PM Peak		Night	
Cabarrus (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	10.2	142,959	53.1	35,731	50.7	41,112	55.3	35,350	51.5	30,767	55.2
Rural Minor Art.	20.1	243,632	56.7	65,190	57.3	58,068	57.3	72,366	55.3	48,008	57.6
Rural Major Collect.	49.1	390,305	47.8	101,367	44.9	100,786	50.9	108,888	45.1	79,264	52.1
Rural Minor Collect.	50.2	236,416	44.8	61,145	43.1	59,438	46.6	68,504	42.9	47,328	47.7
Rural Local		408,335	28.0	98,546	28.2	117,434	27.8	106,272	28.1	86,084	27.9
Urban Interstate	28.2	1,644,193	66.4	426,793	64.4	434,917	68.2	448,735	65.2	333,748	68.2
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	37.2	785,985	38.9	186,926	36.7	224,771	41.9	199,676	35.1	174,613	43.1
Urban Minor Art.	70.2	834,822	36.3	199,266	34.8	234,967	38.1	219,899	33.8	180,690	39.4
Urban Collector	105.5	505,437	30.0	120,848	28.8	139,688	32.8	142,248	26.2	102,654	34.6
Urban Local		830,374	26.1	184,351	26.2	249,312	26.1	223,128	25.6	173,582	26.6
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	129.6	1,421,646	40.6	361,978	40.2	376,838	40.8	391,379	40.0	291,450	41.7
Urban	241.1	4,600,811	39.4	1,118,184	39.0	1,283,654	40.5	1,233,687	37.1	965,286	41.9
County	370.7	6,022,457	39.7	1,480,163	39.3	1,660,492	40.5	1,625,066	37.8	1,256,737	41.9

				AM Peak		Midday		PM Peak		Night	
Gaston (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	4.6	128,299	68.0	31,686	67.8	40,569	68.2	31,548	67.8	24,496	68.2
Rural Principal Art.	5.3	126,853	44.1	32,605	38.8	34,463	59.0	35,128	34.0	24,656	59.1
Rural Minor Art.	12.1	83,223	52.6	20,246	51.2	22,928	53.4	22,462	52.5	17,588	53.6
Rural Major Collect.	36.0	243,546	46.1	61,524	43.9	63,528	48.4	66,868	44.4	51,627	48.9
Rural Minor Collect.	51.5	102,031	38.7	27,134	36.7	24,534	39.7	32,676	39.3	17,687	39.6
Rural Local		191,851	27.1	45,075	27.2	56,152	26.7	50,640	27.8	39,985	26.6
Urban Interstate	34.2	2,028,562	52.5	489,497	47.4	602,635	63.3	505,547	41.9	430,884	64.2
Urban Frwy/Exprwy	19.2	442,484	64.7	112,525	64.3	130,916	64.9	106,915	64.9	92,129	64.6
Urban Principal Art.	82.8	1,170,839	33.3	297,522	32.1	323,044	35.7	318,482	30.5	231,790	36.5
Urban Minor Art.	122.4	839,737	35.2	214,374	33.0	227,452	37.0	225,565	33.8	172,345	37.7
Urban Collector	69.0	238,763	26.6	55,045	25.7	70,141	27.6	61,425	23.7	52,152	30.6
Urban Local		834,424	24.8	185,655	25.0	261,549	24.7	207,370	24.6	179,850	25.1
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	109.5	875,803	41.0	218,270	39.7	242,174	42.9	239,321	39.3	176,038	42.8
Urban	327.7	5,554,809	37.8	1,354,617	36.2	1,615,737	40.5	1,425,304	34.1	1,159,150	41.5
County	437.2	6,430,612	38.2	1,572,887	36.6	1,857,911	40.8	1,664,625	34.7	1,335,188	41.7

			AM Peak		Midday		PM Peak		Night	
Iredell (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	6.2	295,913	53.9	69,308	43.1	98,252	62.3	67,139	47.5	61,214	68.2
Rural Principal Art.	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Minor Art.	5.5	118,367	16.5	24,418	14.1	37,857	15.1	24,550	14.1	31,542	26.1
Rural Major Collect.	12.4	135,110	43.1	35,447	40.4	37,507	45.9	35,327	40.6	26,828	46.9
Rural Minor Collect.	22.7	208,054	38.6	50,795	36.7	60,508	40.4	52,507	35.9	44,245	42.1
Rural Local		416,284	27.7	97,317	27.5	124,324	27.7	103,399	27.5	91,243	28.4
Urban Interstate	16.4	778,063	58.2	175,992	51.1	259,016	62.1	171,877	53.1	171,178	67.9
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	6.6	124,435	32.1	28,429	30.0	36,229	34.4	29,994	28.9	29,782	35.6
Urban Minor Art.	17.4	157,244	33.4	37,701	31.3	45,483	34.9	38,480	31.7	35,579	36.1
Urban Collector	21.8	217,522	31.5	52,077	28.0	63,486	35.0	52,811	28.3	49,149	36.2
Urban Local		350,389	25.6	79,271	25.3	108,078	25.7	84,941	25.3	78,099	26.3
Urban HOV	5.7	116,731	62.0	39,316	60.3	33,692	69.5	39,681	57.6	4,041	69.9
Rural	46.8	1,173,727	32.4	277,285	30.3	358,447	32.9	282,922	30.6	255,072	36.8
Urban	68.0	1,744,383	39.3	412,786	36.7	545,984	41.9	417,784	36.7	367,829	42.2
County	114.8	2,918,111	36.2	690,072	33.8	904,431	37.8	700,707	34.0	622,901	39.8

			AM Peak		Midday		PM Peak		Night	
Lincoln (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.4	94,159	60.9	24,275	59.5	31,048	61.8	21,998	60.5	16,838	62.0
Rural Minor Art.	26.7	393,725	40.4	90,069	36.8	121,234	42.1	92,655	35.7	89,768	49.6
Rural Major Collect.	10.8	69,497	54.2	17,854	53.9	21,141	54.5	16,739	54.3	13,761	54.3
Rural Minor Collect.	32.3	133,542	40.0	35,848	36.5	36,626	41.9	37,609	40.5	23,459	42.6
Rural Local		517,556	27.0	125,253	24.5	156,557	28.0	127,278	27.8	108,469	28.2
Urban Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	29.5	504,016	65.7	135,872	65.3	153,392	65.8	122,091	65.8	92,661	66.0
Urban Principal Art.	6.4	110,262	36.6	26,367	34.5	33,231	38.5	26,601	34.4	24,063	39.6
Urban Minor Art.	31.3	317,411	35.8	74,793	33.3	96,320	37.0	75,089	33.6	71,209	39.8
Urban Collector	18.5	74,976	35.3	18,273	34.5	22,536	36.3	18,724	33.8	15,443	36.6
Urban Local		162,442	27.0	36,749	27.1	50,981	26.9	38,781	27.0	35,931	27.2
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	77.2	1,208,479	34.5	293,299	31.6	366,606	35.8	296,279	33.8	252,295	37.4
Urban	85.7	1,169,108	42.2	292,054	41.9	356,460	42.9	281,286	41.0	239,307	43.2
County	162.9	2,377,587	37.9	585,354	36.0	723,066	39.0	577,564	37.0	491,602	40.0

			AM Peak		Midday		PM Peak		Night	
Mecklenburg	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.2	216,741	40.1	51,631	27.8	62,182	51.4	55,521	38.8	47,408	52.3
Rural Minor Art.	4.3	87,016	31.6	20,932	25.3	23,110	37.2	23,921	28.8	19,053	40.0
Rural Major Collect.	6.8	71,301	44.5	18,110	42.0	19,959	46.8	19,400	43.1	13,833	47.4
Rural Minor Collect.	16.6	163,177	33.1	44,511	30.3	41,107	36.7	47,391	30.5	30,168	38.4
Rural Local		321,178	27.9	78,029	28.3	91,427	27.7	87,802	27.9	63,920	27.8
Urban Interstate	149.2	8,686,016	54.9	2,085,280	49.4	2,446,527	60.1	2,155,295	49.6	1,998,914	62.6
Urban Frwy/Exprwy	139.5	7,158,575	57.3	1,812,471	52.2	1,911,682	65.1	1,894,058	50.3	1,540,364	66.3
Urban Principal Art.	201.0	5,223,665	27.6	1,231,275	24.7	1,507,836	32.1	1,346,108	22.3	1,138,445	35.3
Urban Minor Art.	232.0	4,385,934	27.3	1,063,974	24.5	1,253,348	31.4	1,191,180	23.3	877,432	33.7
Urban Collector	371.7	4,158,880	26.2	987,832	22.7	1,189,615	30.0	1,092,005	22.2	889,428	33.3
Urban Local		6,248,308	23.5	1,412,328	23.0	1,887,893	24.0	1,682,144	22.3	1,265,943	24.9
Urban HOV	18.9	458,929	65.6	155,262	63.2	110,188	68.3	159,791	66.3	33,687	65.5
Rural	35.0	859,413	32.8	213,213	29.0	237,785	35.6	234,034	31.6	174,382	36.6
Urban	1,112.4	36,320,306	34.1	8,748,420	31.5	10,307,090	37.2	9,520,582	29.8	7,744,214	40.5
County	1,147.4	37,179,719	34.1	8,961,633	31.4	10,544,874	37.2	9,754,616	29.8	7,918,596	40.4

			AM Peak		Midday		PM Peak		Night	
Rowan (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	9.7	122,762	59.1	34,994	59.1	31,645	59.2	36,222	59.1	19,900	59.3
Rural Minor Art.	10.2	109,121	61.6	26,573	61.1	31,439	61.8	26,150	61.2	24,961	62.3
Rural Major Collect.	58.7	389,345	56.8	100,106	55.9	107,481	57.3	103,195	56.4	78,563	58.1
Rural Minor Collect.	61.4	258,166	50.7	73,684	49.9	61,516	51.0	78,756	50.7	44,209	51.8
Rural Local		347,040	29.3	83,305	29.9	104,639	28.9	85,138	29.6	73,958	29.0
Urban Interstate	38.8	1,552,524	73.3	381,685	73.3	489,415	73.4	372,946	73.3	308,477	73.4
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	38.7	352,092	38.7	83,583	38.4	105,852	38.7	87,618	37.5	75,039	40.5
Urban Minor Art.	61.7	488,174	40.4	122,838	39.4	137,762	41.0	128,188	38.8	99,386	43.0
Urban Collector	125.7	442,877	38.5	109,476	38.2	125,706	38.5	116,719	38.2	90,976	39.2
Urban Local		475,743	26.5	107,911	26.7	148,829	26.4	115,582	26.4	103,421	26.7
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	140.0	1,226,434	44.4	318,662	45.0	336,719	43.5	329,462	45.1	241,591	44.0
Urban	264.8	3,311,410	46.1	805,493	46.3	1,007,564	46.5	821,053	45.2	677,299	46.5
County	404.8	4,537,844	45.6	1,124,155	45.9	1,344,283	45.7	1,150,515	45.2	918,890	45.8

			AM Peak		Midday		PM Peak		Night	
Union (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**

Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	28.4	377,606	58.7	112,081	60.0	105,604	58.6	89,431	57.6	70,490	58.4
Rural Minor Art.	13.3	65,368	44.5	19,084	43.3	14,571	46.6	19,596	42.7	12,117	47.3
Rural Major Collect.	108.4	742,422	44.2	188,594	40.6	206,884	46.7	197,093	43.1	149,852	47.8
Rural Minor Collect.	79.2	269,583	42.3	70,310	40.0	72,508	45.0	69,981	39.4	56,785	46.1
Rural Local		872,145	30.6	217,305	29.6	243,661	31.2	228,896	30.2	182,282	31.7
Urban Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	23.8	390,565	58.4	92,259	55.3	96,297	60.6	125,628	57.1	76,381	61.9
Urban Principal Art.	20.8	565,933	44.8	139,571	44.1	158,602	46.2	149,902	42.8	117,857	46.9
Urban Minor Art.	48.1	481,185	31.6	119,386	27.8	136,126	36.5	123,446	27.2	102,226	38.5
Urban Collector	73.2	658,047	31.6	163,858	28.6	181,806	35.6	172,781	27.3	139,602	38.0
Urban Local		1,042,827	27.0	246,390	25.9	303,781	27.6	268,274	26.5	224,381	28.3
Urban HOV	0.3	3,347	27.3	949	17.9	1,007	39.2	818	27.2	572	41.9
Rural	229.3	2,327,125	39.1	607,374	37.8	643,228	40.3	604,997	37.9	471,526	40.7
Urban	166.1	3,141,903	33.4	762,414	31.2	877,620	35.3	840,849	31.4	661,021	36.7
County	395.5	5,469,028	35.6	1,369,788	33.8	1,520,848	37.2	1,445,846	33.9	1,132,546	38.3

				AM Peak		Midday		PM Peak		Night	
York (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	24.6	1,091,959	61.3	276,188	55.8	327,792	66.3	270,289	58.8	217,690	65.7
Rural Principal Art.	6.1	133,473	48.4	33,672	41.4	41,349	58.9	34,594	40.6	23,858	61.1
Rural Minor Art.	19.2	322,310	36.2	80,465	33.6	90,816	40.2	82,262	31.8	68,767	41.5
Rural Major Collect.	46.3	276,074	37.8	67,827	33.2	80,968	42.8	70,541	34.0	56,738	44.0
Rural Minor Collect.	8.3	33,178	14.9	8,060	10.6	9,905	20.8	8,365	11.7	6,848	24.1
Rural Local		456,720	26.0	108,262	25.7	135,901	26.2	116,984	25.6	95,573	26.4
Urban Interstate	18.3	945,231	60.3	235,670	55.0	280,036	63.0	233,546	61.2	195,979	63.0
Urban Frwy/Exprwy	3.1	60,724	39.8	15,340	39.9	18,086	39.7	14,579	39.9	12,719	39.6
Urban Principal Art.	52.5	1,027,137	32.8	250,287	29.8	297,928	36.6	257,851	28.9	221,071	38.1
Urban Minor Art.	82.0	713,736	31.7	172,109	28.8	206,853	35.4	184,562	28.1	150,212	36.7
Urban Collector	71.5	292,205	22.9	71,214	22.4	85,261	27.5	74,467	16.9	61,262	29.5
Urban Local		674,860	24.8	149,163	24.6	213,087	24.9	165,286	24.6	147,324	25.2
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	104.5	2,313,714	40.9	574,473	37.9	686,731	44.4	583,035	37.9	469,475	44.5
Urban	227.5	3,713,892	33.5	893,783	31.6	1,101,251	36.1	930,291	30.2	788,567	37.1
County	332.0	6,027,606	36.0	1,468,256	33.8	1,787,982	38.9	1,513,326	32.8	1,258,042	39.5

				AM Peak		Midday		PM Peak		Night	
NC 2008 8 hr AQ NA	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	10.9	424,212	57.5	100,994	48.7	138,821	64.0	98,687	52.6	85,710	68.2
Rural Principal Art.	68.2	1,081,080	51.4	291,316	46.5	306,054	56.9	273,650	48.2	210,059	56.8
Rural Minor Art.	92.3	1,100,452	38.2	266,510	35.9	309,206	37.4	281,700	36.2	243,036	45.8
Rural Major Collect.	282.2	2,041,527	47.4	523,003	44.6	557,286	49.6	547,510	45.8	413,727	50.6
Rural Minor Collect.	314.0	1,370,969	41.5	363,428	39.4	356,237	43.4	387,423	39.9	263,881	44.7
Rural Local (est)		3,074,388	28.6	744,830	27.9	894,193	28.7	789,425	28.7	645,940	29.0
Urban Interstate	266.8	14,689,358	57.3	3,559,246	52.5	4,232,510	62.7	3,654,400	51.7	3,243,201	64.5
Urban Frwy/Exprwy	212.0	8,495,640	58.1	2,153,127	53.5	2,292,287	64.9	2,248,691	51.9	1,801,535	66.0
Urban Principal Art.	393.5	8,333,211	30.5	1,993,674	28.0	2,389,566	34.4	2,158,382	25.7	1,791,589	37.0
Urban Minor Art.	583.0	7,504,506	30.2	1,832,332	27.5	2,131,458	33.7	2,001,847	26.5	1,538,869	35.9
Urban Collector	785.4	6,296,502	27.8	1,507,408	24.8	1,792,978	31.3	1,656,713	24.0	1,339,404	34.2
Urban Local		9,944,506	24.4	2,252,655	24.0	3,010,423	24.8	2,620,220	23.4	2,061,208	25.6
Urban HOV	24.9	579,007	64.3	195,528	61.8	144,888	68.2	200,291	64.0	38,301	65.4
Rural	767.6	9,092,627	37.7	2,290,081	36.1	2,561,797	38.6	2,378,395	36.8	1,862,354	40.0
Urban	2265.7	55,842,729	35.6	13,493,970	33.4	15,994,108	38.4	14,540,544	31.8	11,814,107	40.9
County	3033.3	64,935,357	35.9	15,784,051	33.8	18,555,906	38.4	16,918,939	32.4	13,676,461	40.7

Based on 2008 8-hour Non-attainment Boundary
2025: NC MTP 2055

				AM Peak		Midday		PM Peak		Night	
Cabarrus (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	10.2	113,403	48.7	28,325	46.2	31,191	50.5	28,808	47.7	25,078	50.6
Rural Minor Art.	20.1	269,247	56.5	72,545	56.5	64,758	57.2	77,505	55.0	54,439	57.7
Rural Major Collect.	49.1	425,449	46.2	111,767	43.5	109,580	49.1	117,303	43.8	86,799	50.2
Rural Minor Collect.	50.2	255,220	43.3	66,736	41.7	63,796	44.7	74,538	41.6	50,150	46.4
Rural Local		453,487	28.0	109,618	28.2	128,829	27.8	119,243	28.2	95,797	28.0
Urban Interstate	28.2	1,794,934	65.3	457,900	62.5	486,729	68.2	481,551	63.3	368,755	68.2
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	37.2	761,251	36.4	181,150	34.3	216,119	39.2	196,146	32.8	167,836	40.4
Urban Minor Art.	70.2	867,993	34.6	210,316	33.2	240,524	36.4	231,320	32.1	185,834	37.8
Urban Collector	105.5	561,830	29.0	132,531	27.8	158,489	32.0	154,767	24.7	116,043	34.3
Urban Local		911,517	25.8	204,697	25.9	271,997	25.8	243,626	25.4	191,198	26.4
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	129.6	1,516,806	39.5	388,991	39.1	398,155	39.6	417,396	38.9	312,264	40.7
Urban	241.1	4,897,526	38.2	1,186,594	37.5	1,373,858	39.5	1,307,410	35.7	1,029,665	41.0
County	370.7	6,414,332	38.5	1,575,584	37.9	1,772,013	39.6	1,724,806	36.4	1,341,928	40.9

				AM Peak		Midday		PM Peak		Night	
Gaston (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	4.6	143,141	67.7	34,522	67.2	46,279	68.2	34,438	67.3	27,901	68.2
Rural Principal Art.	5.3	131,996	40.2	33,696	33.5	36,529	58.8	36,287	29.6	25,483	59.1
Rural Minor Art.	12.1	86,319	51.8	21,406	49.6	24,357	52.6	23,506	51.9	17,049	53.5
Rural Major Collect.	36.0	282,833	44.6	74,044	40.9	71,744	47.7	79,148	43.3	57,896	48.2
Rural Minor Collect.	51.5	112,102	39.2	32,145	38.0	25,327	39.9	35,206	39.5	19,424	40.0
Rural Local		206,004	27.2	49,970	27.4	58,679	26.7	55,134	28.0	42,220	26.7
Urban Interstate	34.2	2,182,718	50.2	506,470	43.9	677,282	61.6	520,455	38.6	478,512	64.1
Urban Frwy/Exprwy	19.2	487,893	64.7	121,036	64.0	147,805	65.0	115,490	64.9	103,562	64.7
Urban Principal Art.	84.7	1,224,755	31.4	315,405	29.5	337,300	34.3	330,795	28.4	241,255	35.3
Urban Minor Art.	122.4	915,866	33.9	231,754	30.8	250,393	36.4	243,760	32.3	189,959	37.2
Urban Collector	69.0	259,967	25.6	59,777	25.1	76,264	26.1	66,715	23.0	57,210	29.1
Urban Local		909,694	24.8	201,641	24.8	285,297	24.7	226,466	24.6	196,290	25.1
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	109.5	962,394	40.4	245,785	38.2	262,917	43.1	263,720	38.3	189,973	42.9
Urban	329.6	5,980,893	36.5	1,436,083	34.1	1,774,342	39.9	1,503,681	32.3	1,266,787	41.2
County	439.1	6,943,288	37.0	1,681,868	34.6	2,037,258	40.3	1,767,402	33.1	1,456,760	41.4

			AM Peak		Midday		PM Peak		Night	
Iredell (NA part)	**Miles**	**VMTassn**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	6.2	313,942	70,695	37.2	106,464	56.4	69,346	41.9	67,436	68.0
Rural Principal Art.	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Minor Art.	5.5	118,155	24,197	13.7	37,506	14.7	24,677	13.6	31,774	24.4
Rural Major Collect.	12.4	137,191	35,250	35.9	39,536	42.6	35,683	37.0	26,722	44.4
Rural Minor Collect.	22.7	225,109	55,577	34.8	65,845	39.6	55,544	34.2	48,143	41.8
Rural Local		448,958	104,768	27.1	134,367	27.5	111,671	27.1	98,153	28.1
Urban Interstate	16.4	812,817	178,020	47.6	274,490	58.8	176,127	49.2	184,181	67.7
Urban Frwy/Exprwy	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	6.6	125,675	28,673	29.0	35,916	34.2	30,853	28.7	30,233	35.5
Urban Minor Art.	17.4	165,130	39,512	30.1	48,151	34.1	40,450	30.7	37,017	35.6
Urban Collector	21.8	223,308	53,399	27.8	65,120	34.4	54,362	27.6	50,427	35.4
Urban Local		365,672	82,368	25.2	112,726	25.7	89,158	25.3	81,420	26.4
Urban HOV	5.7	140,526	45,761	47.4	44,737	68.6	43,251	52.9	6,777	69.8
Rural	46.8	1,243,355	290,487	28.7	383,720	32.2	296,921	29.2	272,228	36.1
Urban	68.0	1,833,129	427,733	35.1	581,141	41.3	434,201	35.3	390,054	42.3
County	114.8	3,076,484	718,219	32.2	964,861	37.1	731,122	32.5	662,282	39.5

			AM Peak		Midday		PM Peak		Night	
Lincoln (NA part)	**Miles**	**VMTassn**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.4	116,143	29,472	59.1	39,001	62.3	26,654	60.5	21,016	62.6
Rural Minor Art.	26.7	400,264	89,152	34.3	126,503	40.2	91,260	34.3	93,349	47.6
Rural Major Collect.	10.8	71,902	18,499	52.4	21,686	53.4	17,313	52.9	14,403	53.0
Rural Minor Collect.	32.3	162,920	45,446	36.2	45,509	42.0	45,342	39.9	26,624	42.8
Rural Local		558,965	135,978	24.2	168,371	27.6	138,203	27.5	116,414	28.1
Urban Interstate	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	29.5	575,957	151,506	65.4	180,516	65.9	135,621	66.0	108,314	66.1
Urban Principal Art.	6.4	115,885	27,597	33.4	35,400	37.5	27,390	33.4	25,498	39.6
Urban Minor Art.	31.3	329,574	77,548	31.6	100,945	35.9	76,892	32.5	74,189	39.2
Urban Collector	18.5	78,992	20,000	33.8	23,098	35.8	19,671	33.2	16,223	36.0
Urban Local		167,259	38,660	27.1	52,157	26.9	39,861	27.1	36,582	27.3
Urban HOV	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	77.2	1,310,194	318,547	30.9	401,070	35.3	318,771	33.2	271,806	37.1
Urban	85.7	1,267,667	315,311	41.4	392,115	43.2	299,435	41.0	260,806	43.7
County	162.9	2,577,861	633,858	35.3	793,186	38.8	618,206	36.6	532,612	40.0

			AM Peak		Midday		PM Peak		Night	
Mecklenburg	**Miles**	**VMTassn**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.2	207,233	49,667	24.2	59,830	50.7	54,667	35.6	43,068	51.1
Rural Minor Art.	4.3	92,240	21,971	22.9	25,057	35.9	25,181	26.3	20,032	39.6
Rural Major Collect.	6.8	72,482	18,229	41.9	20,280	46.8	19,995	42.7	13,977	47.5
Rural Minor Collect.	16.6	173,271	47,890	29.9	43,335	36.6	49,564	29.9	32,482	38.2
Rural Local		330,014	80,347	28.5	92,926	27.9	90,577	27.9	66,164	27.9
Urban Interstate	149.2	9,169,406	2,139,599	46.2	2,658,363	58.7	2,221,356	46.3	2,150,088	62.0
Urban Frwy/Exprwy	139.8	7,494,977	1,854,073	50.4	2,057,883	64.4	1,926,649	49.2	1,656,372	66.1
Urban Principal Art.	201.6	5,386,449	1,269,642	22.9	1,567,862	31.2	1,371,681	21.6	1,177,264	34.7
Urban Minor Art.	231.5	4,488,671	1,095,158	22.6	1,286,789	30.5	1,213,165	22.1	893,559	32.9
Urban Collector	373.0	4,376,259	1,035,838	21.1	1,263,226	29.4	1,130,048	21.0	947,146	33.2
Urban Local		6,558,167	1,495,883	22.3	1,975,934	23.7	1,759,315	21.7	1,327,035	24.8
Urban HOV	39.2	715,727	253,119	61.4	155,131	67.5	256,984	58.3	50,493	66.8
Rural	35.0	875,240	218,103	27.7	241,429	35.3	239,984	30.5	175,723	36.1
Urban	1,134.3	38,189,657	9,143,312	29.8	10,965,189	36.8	9,879,199	28.6	8,201,957	40.3
County	1,169.3	39,064,897	9,361,416	29.7	11,206,617	36.7	10,119,183	28.7	8,377,681	40.2

			AM Peak		Midday		PM Peak		Night	
Rowan (NA part)	**Miles**	**VMTassn**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	9.7	140,861	39,055	58.9	40,097	59.1	37,438	59.0	24,271	59.2
Rural Minor Art.	10.2	104,391	25,147	61.3	29,302	61.4	25,397	61.5	24,544	62.2
Rural Major Collect.	58.7	414,154	107,844	54.3	113,544	56.0	108,115	54.8	84,651	56.6
Rural Minor Collect.	61.4	297,107	84,701	49.8	74,521	51.3	88,586	49.9	49,299	51.7
Rural Local		389,472	94,500	30.0	116,086	28.9	96,745	29.7	82,140	29.0
Urban Interstate	38.8	1,689,863	412,404	73.3	533,599	73.4	408,398	73.3	335,462	73.4
Urban Frwy/Exprwy	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	38.7	334,047	79,527	36.1	101,127	36.5	81,721	35.3	71,672	38.0
Urban Minor Art.	61.7	510,776	126,870	37.5	148,308	39.2	131,349	37.2	104,249	41.2
Urban Collector	125.7	495,849	124,320	36.9	140,444	37.5	130,046	36.9	101,039	38.1
Urban Local		535,765	122,122	26.8	166,952	26.6	131,511	26.6	115,181	26.8
Urban HOV	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	140.0	1,345,985	351,247	44.4	373,550	43.2	356,282	44.3	264,906	43.6
Urban	264.8	3,566,300	865,244	45.2	1,090,430	45.7	883,024	44.4	727,602	45.7
County	404.8	4,912,285	1,216,491	45.0	1,463,979	45.1	1,239,307	44.4	992,508	45.1

			AM Peak		Midday		PM Peak		Night	
Union (NA part)	**Miles**	**VMTassn**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**

Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	28.4	406,878	58.4	120,034	59.6	114,827	58.3	95,863	57.3	76,154	58.4
Rural Minor Art.	13.3	69,502	43.1	20,821	42.2	14,629	44.9	21,712	41.9	12,340	45.3
Rural Major Collect.	108.4	795,283	42.8	199,481	38.7	225,400	45.8	205,177	41.6	165,225	46.6
Rural Minor Collect.	79.2	282,954	41.6	73,103	39.4	76,182	44.4	73,174	38.7	60,495	45.1
Rural Local		920,458	29.7	227,423	28.4	259,926	30.4	239,622	29.2	193,487	30.9
Urban Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	23.8	426,037	58.2	99,826	55.0	106,766	60.9	136,297	56.8	83,149	61.7
Urban Principal Art.	20.8	594,754	44.6	146,939	43.7	166,902	46.1	157,081	42.5	123,832	46.9
Urban Minor Art.	48.1	470,656	30.8	116,243	27.0	133,818	35.5	119,061	26.4	101,534	37.5
Urban Collector	73.2	666,730	31.2	165,216	28.2	184,366	34.9	174,037	27.3	143,111	37.3
Urban Local		1,069,109	27.0	252,301	25.9	313,761	27.7	273,830	26.5	229,217	28.2
Urban HOV	0.3	3,391	28.5	931	19.3	1,094	37.4	802	28.6	565	41.9
Rural	229.3	2,475,074	38.1	640,862	36.6	690,964	39.5	635,548	36.9	507,701	39.9
Urban	166.1	3,230,677	33.3	781,456	31.1	906,707	35.2	861,108	31.5	681,408	36.5
County	395.5	5,705,751	35.2	1,422,317	33.3	1,597,671	36.9	1,496,655	33.6	1,189,109	37.9

				AM Peak		Midday		PM Peak		Night	
York (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	24.6	1,139,228	59.8	284,077	52.6	344,824	66.2	275,126	56.7	235,202	65.7
Rural Principal Art.	6.1	122,966	46.6	30,457	38.9	39,004	55.2	31,463	41.0	22,043	57.9
Rural Minor Art.	19.2	322,009	34.2	83,796	31.3	87,620	38.6	84,269	30.1	66,324	40.0
Rural Major Collect.	46.3	319,113	39.7	80,432	35.8	91,749	43.5	82,106	36.9	64,826	44.6
Rural Minor Collect.	8.3	35,727	15.7	8,766	11.4	10,796	19.6	8,659	13.6	7,507	23.1
Rural Local		490,851	26.2	116,823	25.8	145,418	26.4	124,521	25.9	104,089	26.5
Urban Interstate	18.3	987,010	59.2	244,368	52.6	293,127	62.9	238,313	59.5	211,202	63.0
Urban Frwy/Exprwy	3.1	62,555	40.0	15,516	40.1	17,615	39.8	16,503	40.3	12,921	39.7
Urban Principal Art.	52.5	1,026,431	32.1	250,613	28.7	295,079	35.8	258,918	28.8	221,821	37.1
Urban Minor Art.	82.0	753,270	31.3	181,650	28.2	219,085	34.8	191,827	27.8	160,707	36.3
Urban Collector	74.6	316,163	23.4	79,025	23.4	89,256	27.4	83,085	18.0	64,797	28.7
Urban Local		702,724	24.8	155,940	24.4	220,266	24.9	173,797	24.5	152,721	25.2
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	104.5	2,429,895	40.4	604,350	36.8	719,410	44.0	606,144	37.7	499,992	44.2
Urban	230.6	3,848,153	33.1	927,112	30.9	1,134,429	35.8	962,443	30.1	824,169	36.8
County	335.1	6,278,048	35.6	1,531,462	33.0	1,853,839	38.6	1,568,588	32.6	1,324,160	39.3

				AM Peak		Midday		PM Peak		Night	
NC 2008 8 hr AQ NA	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	10.9	457,083	53.5	105,218	43.6	152,744	59.5	103,784	47.9	95,337	68.1
Rural Principal Art.	68.2	1,116,514	49.7	300,249	43.9	321,476	56.5	279,718	45.8	215,071	56.3
Rural Minor Art.	92.3	1,140,117	37.2	275,238	34.6	322,113	36.6	289,238	35.1	253,528	44.5
Rural Major Collect.	282.2	2,199,293	45.8	565,114	42.5	601,771	48.3	582,734	44.2	449,673	49.2
Rural Minor Collect.	314.0	1,508,682	40.9	405,598	38.8	394,515	43.1	421,954	39.2	286,616	44.2
Rural Local (est)		3,307,359	28.3	802,604	27.5	959,185	28.4	851,194	28.3	694,375	28.8
Urban Interstate	266.8	15,649,739	55.3	3,694,393	49.6	4,630,463	61.5	3,807,887	48.6	3,516,998	64.1
Urban Frwy/Exprwy	212.4	8,984,864	57.4	2,226,440	52.0	2,492,969	64.4	2,314,058	51.0	1,951,397	65.8
Urban Principal Art.	396.1	8,542,816	29.2	2,048,934	26.0	2,460,626	33.2	2,195,666	24.6	1,837,589	36.1
Urban Minor Art.	582.5	7,748,667	28.9	1,897,402	25.7	2,208,929	32.8	2,055,997	25.3	1,586,339	35.0
Urban Collector	786.7	6,662,935	26.8	1,591,082	23.4	1,911,008	30.6	1,729,647	22.9	1,431,198	33.9
Urban Local		10,517,185	24.1	2,397,672	23.5	3,178,824	24.6	2,763,767	23.0	2,176,922	25.5
Urban HOV	45.1	859,645	60.4	299,811	58.3	200,963	67.5	301,036	57.3	57,835	66.7
Rural	767.6	9,729,048	36.9	2,454,021	35.0	2,751,804	38.0	2,528,622	35.9	1,994,601	39.4
Urban	2289.5	58,965,850	34.7	14,155,732	31.8	17,083,782	37.9	15,168,058	30.6	12,558,278	40.6
County	3057.1	68,694,898	35.0	16,609,754	32.2	19,835,585	38.0	17,696,680	31.3	14,552,879	40.4

Based on 2008 8-hour Non-attainment Boundary
2026: NC MTP 2055

				AM Peak		Midday		PM Peak		Night	
Cabarrus (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	10.2	118,225	48.3	28,923	45.6	33,617	50.4	29,020	47.2	26,665	50.4
Rural Minor Art.	20.1	276,669	56.4	74,651	56.4	65,471	57.2	80,312	54.9	56,235	57.6
Rural Major Collect.	49.1	418,293	45.3	108,367	42.5	107,460	48.0	115,544	42.9	86,922	49.5
Rural Minor Collect.	50.2	252,883	42.9	66,789	41.3	62,183	44.5	74,068	41.1	49,843	46.2
Rural Local		466,804	28.0	113,016	28.2	131,998	27.8	123,102	28.1	98,689	27.9
Urban Interstate	28.2	1,809,015	65.1	462,151	62.0	493,116	68.2	483,168	63.1	370,580	68.3
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	37.2	772,420	36.1	183,404	33.9	219,846	39.1	197,307	32.5	171,861	40.3
Urban Minor Art.	70.2	881,588	34.4	212,823	32.9	245,109	36.3	235,271	31.9	188,386	37.7
Urban Collector	106.1	572,572	28.9	134,941	27.7	161,520	31.9	157,518	24.6	118,593	34.2
Urban Local		932,211	25.8	208,813	25.8	279,008	25.8	249,217	25.2	195,174	26.4
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	129.6	1,532,875	39.1	391,746	38.7	400,729	39.3	422,045	38.5	318,355	40.4
Urban	241.7	4,967,806	38.0	1,202,132	37.2	1,398,599	39.4	1,322,481	35.4	1,044,594	40.9
County	371.3	6,500,681	38.3	1,593,878	37.6	1,799,328	39.4	1,744,526	36.1	1,362,949	40.8

				AM Peak		Midday		PM Peak		Night	
Gaston (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	4.6	144,358	67.7	35,294	67.0	46,532	68.2	34,429	67.3	28,103	68.2
Rural Principal Art.	5.3	135,104	40.3	34,077	33.2	37,881	58.6	36,861	29.8	26,286	59.1
Rural Minor Art.	12.1	88,312	51.6	21,668	49.4	25,166	52.4	23,679	51.8	17,799	53.3
Rural Major Collect.	36.0	283,307	44.6	73,680	40.9	72,236	47.7	78,356	43.3	59,035	48.2
Rural Minor Collect.	51.5	113,059	39.1	32,409	37.7	25,630	39.9	35,389	39.5	19,631	39.9
Rural Local		208,197	27.2	50,635	27.5	59,108	26.7	55,811	28.0	42,643	26.7
Urban Interstate	34.2	2,199,952	50.3	508,906	43.8	687,605	61.2	519,445	39.0	483,997	64.1
Urban Frwy/Exprwy	19.2	493,889	64.7	120,946	64.0	149,877	65.0	116,359	64.9	106,708	64.7
Urban Principal Art.	84.7	1,236,573	31.4	318,384	29.4	341,854	34.3	331,407	28.4	244,928	35.4
Urban Minor Art.	122.4	925,185	33.8	235,284	30.7	253,868	36.3	244,519	32.3	191,514	37.2
Urban Collector	69.0	261,890	25.5	60,688	25.1	77,160	26.1	66,971	23.0	57,070	28.6
Urban Local		922,281	24.8	204,897	24.7	290,191	24.7	229,334	24.5	197,858	25.2
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	109.5	972,337	40.4	247,763	38.1	266,553	43.1	264,525	38.3	193,496	43.0
Urban	329.6	6,039,770	36.5	1,449,105	33.9	1,800,555	39.9	1,508,036	32.4	1,282,074	41.2
County	439.1	7,012,107	37.0	1,696,869	34.5	2,067,107	40.3	1,772,560	33.1	1,475,570	41.4

			AM Peak		Midday		PM Peak		Night	
Iredell (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	6.2	319,826	47.8	71,233	36.2	109,097	53.9	69,370	41.8	70,126	67.9
Rural Principal Art.	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Minor Art.	5.5	118,421	15.7	24,291	13.6	37,710	14.6	24,545	13.5	31,875	23.4
Rural Major Collect.	12.4	135,258	38.9	34,894	35.3	39,031	42.0	35,111	36.6	26,222	44.1
Rural Minor Collect.	22.7	230,950	36.9	57,054	34.4	67,916	39.4	57,189	33.8	48,791	41.5
Rural Local		449,965	27.4	105,535	27.0	134,294	27.5	111,905	27.1	98,231	28.1
Urban Interstate	16.4	831,643	54.3	180,874	46.1	282,033	56.8	176,328	49.3	192,408	67.4
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	6.6	128,591	31.1	29,397	28.4	37,440	33.8	31,177	27.9	30,577	35.2
Urban Minor Art.	17.4	171,427	32.3	41,541	29.8	49,921	34.0	41,630	30.3	38,336	35.5
Urban Collector	21.8	224,550	31.0	54,127	27.9	64,565	34.6	55,135	27.5	50,723	35.6
Urban Local		371,791	25.6	83,527	25.1	114,954	25.7	90,433	25.2	82,877	26.4
Urban HOV	5.7	147,579	55.9	45,104	49.3	51,045	67.6	44,577	51.2	6,853	69.8
Rural	46.8	1,254,421	31.1	293,008	28.4	388,048	32.0	298,119	29.1	275,245	35.9
Urban	68.0	1,875,581	38.1	434,571	34.7	599,957	41.0	439,280	35.0	401,774	42.4
County	114.8	3,130,001	35.0	727,579	31.8	988,005	36.9	737,399	32.4	677,019	39.5

			AM Peak		Midday		PM Peak		Night	
Lincoln (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.4	117,849	61.1	29,729	59.0	39,668	62.3	26,812	60.8	21,639	62.5
Rural Minor Art.	26.7	406,325	38.2	90,282	33.8	127,301	39.8	92,099	34.0	96,644	47.0
Rural Major Collect.	10.8	72,804	53.0	18,391	52.5	22,304	53.3	17,290	53.0	14,819	53.1
Rural Minor Collect.	32.3	164,880	39.5	45,252	35.6	46,549	41.8	45,560	39.6	27,519	42.8
Rural Local		573,180	26.7	137,821	24.3	172,112	27.5	142,794	27.4	120,453	28.0
Urban Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	29.5	584,917	65.8	151,552	65.4	183,884	65.9	138,551	66.0	110,930	66.2
Urban Principal Art.	6.4	115,940	36.0	27,459	33.3	35,198	37.7	27,376	33.7	25,908	39.6
Urban Minor Art.	31.3	331,896	34.4	76,999	31.5	102,038	35.8	77,710	32.3	75,150	38.8
Urban Collector	18.5	79,962	34.8	20,156	33.9	23,576	36.0	19,648	33.4	16,582	36.0
Urban Local		167,934	27.1	38,114	27.1	52,865	27.0	40,190	27.0	36,765	27.3
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	77.2	1,335,037	33.8	321,476	30.7	407,933	35.1	324,555	33.0	281,074	36.9
Urban	85.7	1,280,650	42.3	314,280	41.4	397,561	43.3	303,475	41.0	265,335	43.7
County	162.9	2,615,688	37.5	635,756	35.2	805,494	38.7	628,030	36.5	546,408	39.9

			AM Peak		Midday		PM Peak		Night	
Mecklenburg	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.2	212,775	36.9	50,567	24.3	61,562	50.4	55,805	35.5	44,841	50.9
Rural Minor Art.	4.3	93,407	29.6	22,187	22.8	25,225	35.6	25,541	26.5	20,454	39.7
Rural Major Collect.	6.8	73,708	44.4	18,758	41.6	20,546	46.8	19,938	42.9	14,466	47.4
Rural Minor Collect.	16.6	176,869	32.6	48,765	30.0	44,469	36.6	50,616	29.3	33,018	38.3
Rural Local		346,208	28.1	84,389	28.5	97,804	27.9	94,230	27.9	69,784	28.0
Urban Interstate	149.2	9,281,533	52.2	2,155,573	45.6	2,707,411	58.2	2,232,875	45.8	2,185,674	61.9
Urban Frwy/Exprwy	139.8	7,610,482	55.9	1,868,544	49.9	2,103,176	64.3	1,946,282	48.3	1,692,480	66.1
Urban Principal Art.	201.6	5,453,589	26.2	1,279,262	22.7	1,590,637	31.0	1,385,530	21.2	1,198,159	34.6
Urban Minor Art.	231.5	4,548,341	25.7	1,107,120	22.3	1,306,389	30.3	1,229,289	21.8	905,543	32.9
Urban Collector	373.0	4,443,647	24.8	1,048,232	20.8	1,284,362	29.1	1,146,757	20.6	964,295	33.1
Urban Local		6,683,989	22.9	1,521,678	22.2	2,012,572	23.7	1,795,402	21.5	1,354,336	24.8
Urban HOV	39.2	755,315	61.3	263,823	60.4	167,904	67.9	264,214	57.7	59,375	65.8
Rural	35.0	902,966	31.9	224,666	27.8	249,606	35.2	246,130	30.4	182,563	36.1
Urban	1,134.3	38,776,896	32.8	9,244,233	29.4	11,172,453	36.6	10,000,349	28.2	8,359,861	40.2
County	1,169.3	39,679,861	32.8	9,468,899	29.4	11,422,059	36.6	10,246,479	28.2	8,542,424	40.1

			AM Peak		Midday		PM Peak		Night	
Rowan (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	9.7	140,570	59.1	39,954	58.9	39,163	59.1	37,082	59.0	24,371	59.2
Rural Minor Art.	10.2	103,181	61.6	25,412	61.3	29,533	61.5	24,943	61.4	23,292	62.1
Rural Major Collect.	58.7	406,643	55.4	106,400	54.2	110,887	55.9	107,010	55.0	82,346	56.6
Rural Minor Collect.	61.4	298,954	50.5	86,770	49.7	74,323	51.3	88,276	50.0	49,586	51.6
Rural Local		395,793	29.4	95,820	29.9	118,363	29.0	98,058	29.6	83,552	29.1
Urban Interstate	38.8	1,707,033	73.3	418,471	73.3	537,045	73.4	412,092	73.3	339,425	73.4
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	38.7	335,807	36.5	80,298	36.0	101,915	36.8	81,774	35.3	71,820	38.1
Urban Minor Art.	61.7	511,366	38.6	127,397	37.4	148,382	39.4	131,227	37.0	104,359	41.1
Urban Collector	125.7	503,214	37.3	125,634	36.9	143,074	37.6	131,594	36.8	102,911	38.2
Urban Local		544,832	26.7	124,034	26.8	170,249	26.6	133,769	26.6	116,781	26.8
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	140.0	1,345,141	43.7	354,357	44.3	372,269	43.0	355,369	44.1	263,146	43.3
Urban	264.8	3,602,253	45.2	875,833	45.2	1,100,666	45.7	890,456	44.3	735,298	45.7
County	404.8	4,947,393	44.8	1,230,191	44.9	1,472,934	45.0	1,245,824	44.3	998,444	45.0

			AM Peak		Midday		PM Peak		Night	
Union (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**

Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	28.4	413,209	58.5	123,068	59.6	114,865	58.3	96,820	57.4	78,456	58.3
Rural Minor Art.	13.3	79,826	44.2	23,927	42.8	16,375	46.6	25,495	42.8	14,029	46.7
Rural Major Collect.	108.4	800,116	42.6	202,276	38.5	224,665	45.5	208,494	41.3	164,682	46.6
Rural Minor Collect.	79.2	286,394	41.3	74,417	39.1	76,612	44.2	74,431	38.3	60,934	45.1
Rural Local		926,799	29.4	230,712	28.2	260,737	30.1	241,493	28.9	193,857	30.7
Urban Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	23.8	432,954	57.8	102,887	54.6	107,357	60.0	137,899	56.4	84,811	61.5
Urban Principal Art.	20.8	607,022	44.5	149,520	43.5	174,005	46.1	158,988	42.2	124,508	46.9
Urban Minor Art.	48.1	477,361	30.5	117,904	26.7	135,207	35.3	122,496	26.0	101,754	37.3
Urban Collector	73.2	683,875	31.0	169,025	27.9	190,761	34.7	177,816	26.9	146,272	37.3
Urban Local		1,089,866	27.0	257,679	25.9	320,574	27.6	278,937	26.4	232,675	28.2
Urban HOV	0.3	3,447	28.4	922	19.9	1,126	36.6	820	27.2	580	41.9
Rural	229.3	2,506,344	37.9	654,399	36.4	693,254	39.3	646,733	36.7	511,958	39.9
Urban	166.1	3,294,524	33.2	797,938	30.9	929,030	35.1	876,956	31.2	690,600	36.5
County	395.5	5,800,868	35.1	1,452,337	33.2	1,622,284	36.7	1,523,688	33.3	1,202,558	37.8

				AM Peak		Midday		PM Peak		Night	
York (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	24.6	1,151,338	60.0	286,078	52.8	352,519	66.1	275,636	57.0	237,105	65.7
Rural Principal Art.	6.1	125,118	46.1	30,813	38.3	39,734	55.0	32,148	40.1	22,423	57.8
Rural Minor Art.	19.2	327,753	34.0	85,467	31.0	89,601	38.6	85,190	29.6	67,496	39.9
Rural Major Collect.	46.3	325,999	39.7	82,126	35.8	93,954	43.4	83,789	37.0	66,129	44.5
Rural Minor Collect.	8.3	36,598	15.6	8,920	11.2	11,081	19.5	8,872	13.5	7,725	23.2
Rural Local		504,939	26.1	120,449	25.7	150,222	26.4	127,888	25.9	106,380	26.6
Urban Interstate	18.3	998,933	59.3	247,077	52.7	299,540	62.9	239,783	59.5	212,533	63.0
Urban Frwy/Exprwy	3.1	63,981	40.0	15,761	40.1	17,997	39.8	17,118	40.3	13,106	39.8
Urban Principal Art.	52.5	1,041,999	32.0	253,681	28.4	302,615	35.7	260,309	28.6	225,394	37.1
Urban Minor Art.	82.0	762,662	31.2	184,365	28.0	222,052	34.7	193,239	27.8	163,005	36.2
Urban Collector	74.6	321,109	23.3	80,085	22.9	91,139	27.2	84,179	18.0	65,707	28.7
Urban Local		713,905	24.7	158,908	24.4	224,152	24.9	175,486	24.5	155,358	25.2
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	104.5	2,471,745	40.2	613,852	36.7	737,111	43.9	613,523	37.5	507,259	44.1
Urban	230.6	3,902,589	33.0	939,877	30.7	1,157,494	35.7	970,114	30.0	835,104	36.7
County	335.1	6,374,334	35.5	1,553,730	32.8	1,894,605	38.5	1,583,637	32.5	1,342,362	39.2

				AM Peak		Midday		PM Peak		Night	
NC 2008 8 hr AQ NA	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	10.9	464,184	52.6	106,527	42.7	155,629	57.5	103,799	47.8	98,229	68.0
Rural Principal Art.	68.2	1,137,732	49.6	306,319	43.8	326,755	56.3	282,401	45.7	222,258	56.1
Rural Minor Art.	92.3	1,166,142	37.1	282,418	34.5	326,781	36.5	296,615	35.3	260,328	44.0
Rural Major Collect.	282.2	2,190,128	45.4	562,767	42.2	597,127	47.9	581,742	43.9	448,492	49.0
Rural Minor Collect.	314.0	1,523,989	40.7	411,456	38.5	397,682	42.9	425,529	38.8	289,322	44.1
Rural Local (est)		3,366,945	28.2	817,928	27.4	974,416	28.4	867,392	28.2	707,210	28.7
Urban Interstate	266.8	15,829,177	55.0	3,725,975	49.0	4,707,210	60.9	3,823,908	48.4	3,572,084	64.1
Urban Frwy/Exprwy	212.4	9,122,242	57.0	2,243,929	51.6	2,544,294	64.3	2,339,090	50.1	1,994,929	65.9
Urban Principal Art.	396.1	8,649,942	29.0	2,067,725	25.8	2,500,895	33.1	2,213,561	24.3	1,867,761	36.0
Urban Minor Art.	582.5	7,847,164	28.7	1,919,068	25.4	2,240,914	32.6	2,082,141	24.9	1,605,042	34.9
Urban Collector	787.3	6,769,709	26.6	1,612,804	23.1	1,945,018	30.4	1,755,440	22.6	1,456,446	33.8
Urban Local		10,712,904	24.0	2,438,742	23.4	3,240,414	24.5	2,817,282	22.8	2,216,465	25.5
Urban HOV	45.1	906,342	60.1	309,849	58.2	220,075	67.5	309,610	56.5	66,808	65.9
Rural	767.6	9,849,120	36.7	2,487,415	34.8	2,778,391	37.8	2,557,477	35.7	2,025,837	39.2
Urban	2290.2	59,837,480	34.5	14,318,092	31.5	17,398,821	37.8	15,341,031	30.3	12,779,535	40.6
County	3057.7	69,686,600	34.8	16,805,508	32.0	20,177,211	37.8	17,898,508	30.9	14,805,372	40.4

Based on 2008 8-hour Non-attainment Boundary
2035: NC MTP 2055

				AM Peak		Midday		PM Peak		Night	
Cabarrus (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	10.2	136,847	46.3	32,197	43.1	40,192	49.4	33,330	43.7	31,128	49.1
Rural Minor Art.	20.1	252,751	49.9	69,543	50.0	59,403	51.1	74,937	47.8	48,866	51.7
Rural Major Collect.	49.1	506,263	43.2	129,685	39.9	130,070	47.3	139,662	39.6	106,847	49.0
Rural Minor Collect.	50.2	318,795	41.7	84,617	40.3	75,958	44.2	94,767	38.8	63,452	46.1
Rural Local		608,956	28.2	149,044	28.3	169,439	28.0	162,489	28.2	127,984	28.3
Urban Interstate	28.2	2,022,602	62.6	510,458	58.1	560,163	68.2	529,652	57.9	422,329	68.3
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	37.2	886,025	33.4	204,169	30.6	258,371	37.5	220,708	28.1	202,777	39.5
Urban Minor Art.	70.2	1,029,991	32.0	243,075	29.9	291,839	35.1	271,502	27.8	223,576	37.2
Urban Collector	106.4	686,417	26.8	161,347	25.3	193,569	30.3	189,954	22.2	141,548	33.1
Urban Local		1,144,324	25.1	256,665	25.2	340,261	25.6	310,307	23.6	237,091	26.3
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	129.6	1,823,611	37.2	465,087	36.5	475,062	38.0	505,185	35.9	378,277	39.1
Urban	242.0	5,769,361	35.5	1,375,714	34.3	1,644,203	38.2	1,522,123	31.4	1,227,321	40.1
County	371.6	7,592,972	35.9	1,840,801	34.8	2,119,264	38.1	2,027,308	32.4	1,605,599	39.9

				AM Peak		Midday		PM Peak		Night	
Gaston (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	4.6	161,498	66.9	38,441	65.5	52,978	68.0	37,861	65.7	32,218	68.2
Rural Principal Art.	5.3	141,972	46.4	36,404	40.9	38,279	58.8	38,724	37.6	28,565	59.0
Rural Minor Art.	12.1	94,694	50.5	23,117	48.2	26,801	51.9	24,946	49.7	19,830	52.2
Rural Major Collect.	36.0	301,150	43.9	77,348	40.5	78,651	47.3	81,456	41.5	63,695	48.0
Rural Minor Collect.	51.5	127,483	38.8	36,360	36.9	29,448	39.7	39,979	39.5	21,695	39.8
Rural Local		229,892	27.3	57,819	27.8	64,683	26.7	60,798	28.0	46,593	26.7
Urban Interstate	34.2	2,513,244	56.4	589,793	50.3	778,835	63.3	602,286	49.9	542,328	64.2
Urban Frwy/Exprwy	19.2	512,230	64.9	124,216	64.5	156,044	65.0	120,823	65.1	111,147	64.8
Urban Principal Art.	84.6	1,310,899	31.8	331,402	29.6	363,573	33.8	355,468	29.9	260,456	35.1
Urban Minor Art.	122.8	1,017,744	33.1	252,059	30.0	283,306	35.9	269,097	31.2	213,282	36.8
Urban Collector	69.4	290,789	25.0	67,587	24.4	85,009	26.1	74,308	21.7	63,885	29.4
Urban Local		1,018,281	24.4	227,583	24.2	316,746	24.6	255,707	23.9	218,244	25.1
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	109.5	1,056,689	40.8	269,489	38.9	290,840	43.0	283,765	39.1	212,596	42.9
Urban	330.2	6,663,187	37.5	1,592,641	35.1	1,983,515	40.1	1,677,690	34.6	1,409,342	41.2
County	439.7	7,719,877	37.9	1,862,130	35.6	2,274,355	40.4	1,961,455	35.1	1,621,937	41.4

			AM Peak		Midday		PM Peak		Night	
Iredell (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	6.2	330,889	44.5	71,072	33.5	113,787	47.1	69,435	39.6	76,595	67.3
Rural Principal Art.	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Minor Art.	5.5	173,530	33.4	40,103	23.8	55,581	37.7	39,200	33.8	38,646	43.6
Rural Major Collect.	12.4	137,451	37.5	34,973	32.7	41,616	41.1	35,372	35.4	25,490	43.9
Rural Minor Collect.	23.4	270,901	34.1	64,658	30.8	81,102	36.2	66,048	30.7	59,093	40.6
Rural Local		502,092	26.6	117,700	25.9	151,020	26.7	124,036	25.9	109,336	28.1
Urban Interstate	22.9	881,099	50.4	186,035	40.9	297,117	52.1	181,785	45.5	216,162	66.3
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	6.6	141,553	32.0	33,100	29.6	40,551	34.4	35,038	29.3	32,865	35.4
Urban Minor Art.	17.5	173,078	32.1	41,607	29.2	50,943	33.9	43,268	30.6	37,259	35.3
Urban Collector	21.8	241,825	32.0	60,048	29.2	67,947	34.7	60,971	29.7	52,860	35.6
Urban Local		396,980	25.3	91,526	25.2	121,756	25.4	95,635	24.5	88,063	26.3
Urban HOV	5.7	142,978	57.6	41,845	54.8	49,488	67.8	42,669	49.7	8,975	69.8
Rural	47.5	1,414,863	32.8	328,506	28.5	443,106	34.6	334,091	30.8	309,160	38.9
Urban	74.6	1,977,512	37.3	454,160	33.5	627,803	39.6	459,366	34.2	436,183	42.7
County	122.1	3,392,375	35.3	782,666	31.2	1,070,909	37.4	793,457	32.7	745,343	41.0

			AM Peak		Midday		PM Peak		Night	
Lincoln (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.4	129,538	59.1	32,446	56.2	44,056	61.3	28,864	57.3	24,171	61.9
Rural Minor Art.	26.7	430,521	37.0	95,691	32.0	134,314	39.0	96,122	32.6	104,393	46.4
Rural Major Collect.	10.8	76,214	52.7	19,227	51.9	23,765	53.2	17,562	52.8	15,660	53.0
Rural Minor Collect.	32.3	179,106	36.8	48,562	30.9	53,424	39.6	47,381	38.0	29,740	42.2
Rural Local		679,489	26.4	166,157	24.1	203,455	27.2	167,194	26.8	142,683	27.9
Urban Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	29.5	590,126	66.3	151,504	66.0	183,800	66.4	138,781	66.4	116,040	66.3
Urban Principal Art.	6.4	123,063	34.5	29,079	30.9	38,590	36.2	28,177	32.7	27,217	39.3
Urban Minor Art.	31.3	348,513	33.3	81,435	30.0	107,122	34.7	80,144	31.4	79,811	38.1
Urban Collector	19.4	84,515	34.6	21,725	33.5	24,952	35.6	20,318	33.8	17,520	35.6
Urban Local		174,959	27.1	40,482	26.9	55,377	27.1	40,645	27.1	38,456	27.3
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	77.2	1,494,867	32.6	362,084	29.2	459,013	34.1	357,123	31.7	316,647	36.2
Urban	86.6	1,321,176	41.5	324,226	40.0	409,841	42.4	308,064	40.5	279,044	43.4
County	163.8	2,816,043	36.2	686,311	33.5	868,854	37.6	665,187	35.2	595,691	39.2

			AM Peak		Midday		PM Peak		Night	
Mecklenburg	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.2	252,156	40.6	61,747	29.3	69,264	50.4	67,812	40.6	53,335	50.7
Rural Minor Art.	4.3	93,703	29.6	22,739	23.6	25,700	34.3	25,131	27.0	20,133	38.4
Rural Major Collect.	6.8	90,616	40.9	22,092	38.7	25,662	44.8	23,704	36.4	19,158	45.8
Rural Minor Collect.	16.6	204,207	31.4	52,782	27.8	54,479	36.5	56,498	27.5	40,448	38.6
Rural Local		452,200	27.8	109,694	27.8	125,635	27.9	125,263	27.5	91,608	28.1
Urban Interstate	162.5	9,777,117	51.3	2,214,857	44.9	2,885,288	58.2	2,303,092	43.4	2,373,880	61.3
Urban Frwy/Exprwy	140.5	8,227,786	53.4	1,934,955	47.8	2,363,050	62.6	2,036,974	43.2	1,892,807	65.8
Urban Principal Art.	201.8	5,941,930	24.4	1,371,517	20.9	1,750,480	29.6	1,496,932	18.8	1,323,001	33.8
Urban Minor Art.	232.8	5,106,189	24.0	1,217,075	20.8	1,486,292	29.2	1,379,379	19.3	1,023,443	32.4
Urban Collector	380.5	5,009,699	22.7	1,162,414	19.0	1,459,652	27.3	1,294,435	18.0	1,093,198	32.2
Urban Local		7,714,512	21.9	1,745,710	21.3	2,312,608	22.8	2,104,090	19.9	1,552,103	24.5
Urban HOV	59.2	1,381,185	51.5	466,634	48.2	330,497	62.6	476,083	46.9	107,970	62.7
Rural	35.0	1,092,882	31.8	269,054	28.4	300,739	34.6	298,407	30.3	224,681	35.7
Urban	1,177.4	43,158,418	30.8	10,113,163	27.6	12,587,866	35.2	11,090,985	25.3	9,366,403	39.5
County	1,212.4	44,251,300	30.8	10,382,217	27.6	12,888,605	35.2	11,389,393	25.4	9,591,084	39.4

			AM Peak		Midday		PM Peak		Night	
Rowan (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	9.7	157,415	58.8	44,317	58.7	43,428	59.0	44,574	58.7	25,096	59.2
Rural Minor Art.	10.2	113,944	61.4	26,786	61.0	32,960	61.5	27,142	60.9	27,056	62.2
Rural Major Collect.	58.7	467,951	54.9	121,051	53.3	128,029	55.8	122,116	54.3	96,755	56.5
Rural Minor Collect.	61.4	354,634	49.8	103,194	48.9	86,786	51.0	106,030	48.8	58,624	51.5
Rural Local		457,833	29.3	110,335	29.8	137,703	28.9	113,179	29.6	96,617	29.1
Urban Interstate	38.8	1,924,270	73.2	464,699	73.1	610,871	73.4	465,215	73.1	383,484	73.4
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	38.7	373,647	36.0	90,530	35.5	110,701	36.5	93,560	34.6	78,857	37.8
Urban Minor Art.	61.7	563,873	37.4	140,058	35.8	163,610	38.3	146,746	35.7	113,461	40.6
Urban Collector	125.7	577,839	37.0	142,598	36.3	164,332	37.6	151,322	36.2	119,587	38.2
Urban Local		629,329	26.7	142,294	26.7	195,698	26.6	155,747	26.6	135,590	26.9
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	140.0	1,551,777	43.4	405,683	43.7	428,906	42.8	413,040	43.7	304,148	43.2
Urban	264.8	4,068,959	44.8	980,179	44.4	1,245,212	45.5	1,012,589	43.6	830,979	45.4
County	404.8	5,620,735	44.4	1,385,861	44.2	1,674,117	44.8	1,425,629	43.6	1,135,127	44.8

			AM Peak		Midday		PM Peak		Night	
Union (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**

Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	28.4	467,465	58.3	135,233	59.4	132,588	58.1	110,624	57.3	89,020	58.5
Rural Minor Art.	13.3	85,828	44.1	25,715	42.6	16,986	46.4	28,266	43.1	14,860	46.5
Rural Major Collect.	108.4	914,433	43.6	229,187	40.0	262,215	46.3	236,234	42.4	186,798	47.1
Rural Minor Collect.	79.2	326,314	41.6	84,284	39.5	89,359	44.6	85,010	38.3	67,661	45.3
Rural Local		1,100,472	29.4	273,896	28.6	310,725	29.9	286,940	28.8	228,911	30.6
Urban Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	23.8	479,607	57.0	113,677	54.5	123,106	60.3	146,113	53.9	96,711	61.6
Urban Principal Art.	20.8	656,198	43.6	161,272	41.8	188,265	45.4	171,250	41.6	135,411	46.3
Urban Minor Art.	48.1	545,117	31.4	135,876	28.0	153,703	35.7	141,278	27.3	114,260	37.5
Urban Collector	73.2	757,077	30.5	187,197	27.6	210,064	34.1	196,558	26.6	163,259	36.6
Urban Local		1,209,754	26.8	283,846	25.7	355,526	27.6	313,456	25.9	256,925	28.2
Urban HOV	0.3	2,605	36.7	795	29.4	779	41.4	557	40.3	474	41.9
Rural	229.3	2,894,512	38.0	748,315	36.8	811,873	39.2	747,073	36.7	587,250	39.7
Urban	166.1	3,650,357	32.9	882,662	30.8	1,031,442	34.9	969,211	30.7	767,041	36.3
County	395.5	6,544,869	35.0	1,630,978	33.3	1,843,316	36.7	1,716,285	33.1	1,354,291	37.7

				AM Peak		Midday		PM Peak		Night	
York (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	24.6	1,215,255	60.2	299,988	56.3	370,592	66.0	293,216	54.1	251,459	65.7
Rural Principal Art.	6.1	135,165	39.5	33,097	31.8	42,663	49.6	34,246	32.2	25,160	54.5
Rural Minor Art.	19.2	360,240	33.9	92,033	30.4	99,572	38.4	94,324	29.9	74,312	39.8
Rural Major Collect.	46.3	379,810	37.5	96,389	33.6	110,667	41.2	95,680	34.1	77,075	43.7
Rural Minor Collect.	8.3	42,174	17.7	10,174	15.4	12,869	20.0	10,325	14.9	8,806	23.4
Rural Local		611,559	26.1	146,295	25.7	182,323	26.5	155,741	25.6	127,200	26.6
Urban Interstate	18.3	1,058,802	59.1	263,286	51.9	315,403	62.9	251,179	59.7	228,934	63.0
Urban Frwy/Exprwy	3.1	64,698	40.0	16,939	40.1	17,562	39.9	17,341	40.2	12,855	39.7
Urban Principal Art.	52.5	1,187,549	31.0	284,291	27.8	345,599	35.0	299,002	26.9	258,657	36.9
Urban Minor Art.	82.0	884,236	31.1	212,867	27.3	258,746	34.9	227,817	27.7	184,806	36.6
Urban Collector	74.9	363,794	24.7	90,158	24.5	104,202	28.0	94,805	19.7	74,630	29.5
Urban Local		812,199	24.7	180,028	24.3	254,879	24.9	201,820	24.5	175,473	25.2
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	104.5	2,744,203	39.1	677,974	36.4	818,685	42.5	683,532	35.5	564,012	43.2
Urban	230.9	4,371,279	32.7	1,047,569	30.3	1,296,390	35.3	1,091,965	29.5	935,355	36.6
County	335.4	7,115,482	34.9	1,725,543	32.4	2,115,075	37.8	1,775,497	31.6	1,499,367	38.9

				AM Peak		Midday		PM Peak		Night	
NC 2008 8 hr AQ NA	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	10.9	492,387	50.0	109,513	40.4	166,764	52.2	107,296	46.0	108,814	67.6
Rural Principal Art.	68.2	1,285,392	51.2	342,344	46.5	367,806	55.9	323,928	48.7	251,315	55.7
Rural Minor Art.	92.3	1,244,970	40.5	303,694	35.5	351,747	42.7	315,746	38.5	273,783	47.7
Rural Major Collect.	282.2	2,494,078	45.0	633,563	41.7	690,008	47.9	656,105	42.9	514,403	49.1
Rural Minor Collect.	314.6	1,781,440	39.4	474,459	36.8	470,555	41.8	495,713	37.3	340,713	43.9
Rural Local (est)		4,030,933	28.0	984,645	27.4	1,162,659	28.2	1,039,898	27.9	843,731	28.8
Urban Interstate	286.6	17,118,331	55.0	3,965,843	49.1	5,132,274	61.0	4,082,032	48.2	3,938,183	63.7
Urban Frwy/Exprwy	213.1	9,809,749	54.7	2,324,353	49.7	2,825,999	62.9	2,442,692	45.4	2,216,705	65.6
Urban Principal Art.	396.2	9,433,315	27.4	2,221,068	24.2	2,750,531	31.9	2,401,132	22.2	2,060,584	35.3
Urban Minor Art.	584.3	8,784,505	27.1	2,111,185	24.0	2,536,814	31.6	2,331,414	22.6	1,805,092	34.5
Urban Collector	796.3	7,648,163	24.8	1,802,916	21.6	2,205,525	28.9	1,987,864	20.2	1,651,857	33.0
Urban Local		12,288,139	23.2	2,788,106	22.7	3,697,973	23.9	3,275,587	21.4	2,526,473	25.3
Urban HOV	65.1	1,526,768	52.0	509,274	48.7	380,764	63.2	519,309	47.1	117,420	63.1
Rural	768.2	11,329,201	36.5	2,848,218	34.4	3,209,539	37.8	2,938,685	35.4	2,332,758	39.2
Urban	2341.7	66,608,970	32.9	15,722,745	30.0	19,529,882	36.7	17,040,030	27.8	14,316,314	40.0
County	3109.9	77,938,171	33.3	18,570,963	30.6	22,739,421	36.8	19,978,715	28.7	16,649,072	39.9

Based on 2008 8-hour Non-attainment Boundary
2045: NC MTP 2055

				AM Peak		Midday		PM Peak		Night	
Cabarrus (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	10.2	151,914	40.9	38,886	38.2	40,467	44.4	39,712	37.7	32,849	45.0
Rural Minor Art.	20.1	283,364	46.2	73,420	46.1	72,319	48.8	79,427	42.2	58,199	49.3
Rural Major Collect.	49.1	566,030	40.2	142,265	36.9	152,596	44.3	149,958	35.8	121,210	46.6
Rural Minor Collect.	50.2	394,297	39.3	102,952	37.0	96,117	42.7	118,158	35.8	77,069	45.1
Rural Local		783,363	27.8	188,110	27.7	220,475	28.0	210,896	27.6	163,881	28.1
Urban Interstate	28.2	2,279,643	58.8	546,322	52.6	672,142	67.7	569,837	50.4	491,341	68.4
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	37.2	1,047,904	30.7	241,820	27.7	306,857	35.7	259,257	24.4	239,970	38.8
Urban Minor Art.	70.2	1,207,278	29.8	281,609	27.5	347,550	33.5	317,174	24.9	260,944	36.3
Urban Collector	106.4	819,065	25.1	189,863	23.4	236,060	28.7	222,363	20.3	170,780	32.2
Urban Local		1,372,150	24.6	307,242	24.6	410,344	25.6	371,587	22.5	282,977	26.3
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	129.6	2,178,967	35.1	545,633	34.0	581,975	36.5	598,151	33.1	453,209	37.6
Urban	242.0	6,726,040	33.3	1,566,856	31.4	1,972,954	37.1	1,740,218	28.0	1,446,012	39.5
County	371.6	8,905,007	33.7	2,112,489	32.0	2,554,929	37.0	2,338,369	29.2	1,899,221	39.0

				AM Peak		Midday		PM Peak		Night	
Gaston (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	4.6	173,283	66.0	40,406	63.6	58,534	67.4	38,862	64.7	35,480	68.2
Rural Principal Art.	5.3	151,049	47.0	37,626	43.7	41,223	57.6	40,586	37.3	31,613	57.9
Rural Minor Art.	12.1	99,353	48.0	23,850	46.5	28,971	49.1	26,124	46.4	20,408	50.6
Rural Major Collect.	36.0	315,126	43.2	81,338	39.3	84,694	46.5	82,311	41.2	66,782	47.6
Rural Minor Collect.	51.5	138,708	38.3	40,293	35.7	32,249	39.7	42,674	39.0	23,492	39.8
Rural Local		251,861	27.5	64,640	27.9	69,713	27.0	67,165	28.1	50,343	27.1
Urban Interstate	34.2	2,632,067	56.1	596,634	49.4	850,517	61.9	598,434	49.9	586,482	64.2
Urban Frwy/Exprwy	19.2	543,624	65.0	127,846	64.7	166,840	65.1	125,253	65.1	123,685	65.0
Urban Principal Art.	84.6	1,395,370	31.3	352,766	29.1	396,693	33.3	371,627	29.5	274,285	34.6
Urban Minor Art.	126.0	1,120,348	32.9	277,993	29.6	313,875	35.7	294,531	31.0	233,950	36.9
Urban Collector	69.4	309,541	24.7	72,643	24.5	90,516	25.4	78,911	21.5	67,471	28.8
Urban Local		1,084,124	24.2	241,611	23.8	339,316	24.5	272,813	23.5	230,384	25.0
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	109.5	1,129,380	40.4	288,154	38.3	315,385	42.7	297,722	38.5	228,118	42.9
Urban	333.4	7,085,074	37.0	1,669,492	34.3	2,157,756	39.7	1,741,569	33.9	1,516,257	41.2
County	442.9	8,214,453	37.5	1,957,646	34.8	2,473,141	40.0	2,039,291	34.5	1,744,375	41.4

			AM Peak		Midday		PM Peak		Night	
Iredell (NA part)	**Miles**	**VMTassn**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	6.2	344,219	72,206	29.9	117,864	41.2	69,818	36.8	84,330	65.6
Rural Principal Art.	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Minor Art.	5.5	179,516	41,152	22.6	56,469	37.2	40,721	31.7	41,173	43.3
Rural Major Collect.	12.4	152,223	37,871	31.4	47,626	39.4	37,654	33.4	29,074	43.9
Rural Minor Collect.	23.4	281,135	66,934	30.0	84,450	35.7	69,604	29.2	60,147	40.1
Rural Local		539,957	127,438	25.7	161,646	26.9	133,398	25.8	117,475	28.2
Urban Interstate	22.9	918,130	188,812	38.3	309,019	47.4	182,464	43.5	237,835	64.4
Urban Frwy/Exprwy	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	6.6	151,865	35,905	29.5	42,538	35.1	36,633	28.7	36,788	35.5
Urban Minor Art.	17.5	183,058	44,676	26.9	53,749	33.0	46,155	28.9	38,479	34.8
Urban Collector	21.8	255,870	63,461	30.0	72,871	36.2	64,014	31.1	55,525	36.4
Urban Local		420,248	97,014	24.9	128,454	25.4	101,961	24.3	92,819	26.3
Urban HOV	5.7	171,451	48,372	40.2	61,122	64.4	47,645	42.1	14,312	69.8
Rural	47.5	1,497,050	345,601	27.4	468,055	33.5	351,195	29.6	332,199	38.8
Urban	74.6	2,100,623	478,240	31.8	667,753	38.4	478,873	33.1	475,758	42.9
County	122.1	3,597,673	823,841	29.8	1,135,808	36.2	830,068	31.5	807,956	41.1

			AM Peak		Midday		PM Peak		Night	
Lincoln (NA part)	**Miles**	**VMTassn**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.4	146,662	36,171	57.9	50,713	60.4	32,118	57.8	27,660	61.9
Rural Minor Art.	26.7	468,634	102,031	27.1	149,507	33.8	103,013	28.0	114,083	42.3
Rural Major Collect.	10.8	81,487	20,043	51.8	26,192	53.0	18,395	52.6	16,857	52.8
Rural Minor Collect.	32.3	220,615	57,088	29.0	69,543	37.8	56,088	36.1	37,896	42.0
Rural Local		854,107	209,409	23.6	258,981	26.9	210,559	26.1	175,158	27.8
Urban Interstate	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	29.5	675,235	167,122	66.2	210,154	66.6	157,130	66.4	140,830	66.4
Urban Principal Art.	8.0	154,245	35,014	31.1	49,135	36.4	34,559	32.7	35,536	40.8
Urban Minor Art.	30.4	323,973	77,302	27.4	100,614	30.9	73,807	28.2	72,251	35.1
Urban Collector	21.2	98,064	24,751	33.5	29,819	35.8	23,051	34.0	20,443	35.1
Urban Local		186,279	41,546	26.3	60,599	27.0	42,514	26.7	41,619	27.5
Urban HOV	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	77.2	1,771,505	424,742	27.2	554,936	32.2	420,172	29.6	371,655	34.9
Urban	89.1	1,437,795	345,735	39.3	450,321	41.6	331,061	39.8	310,678	43.5
County	166.3	3,209,300	770,477	31.6	1,005,256	35.8	751,234	33.3	682,333	38.3

			AM Peak		Midday		PM Peak		Night	
Mecklenburg	**Miles**	**VMTassn**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.2	284,893	67,364	30.7	78,982	49.3	75,432	36.9	63,115	49.8
Rural Minor Art.	4.3	109,964	25,952	26.7	31,494	35.4	28,952	26.8	23,567	38.9
Rural Major Collect.	6.8	107,539	25,507	33.1	31,620	41.0	26,787	30.0	23,625	44.0
Rural Minor Collect.	16.6	258,592	63,406	24.7	73,397	36.1	69,365	24.5	52,425	38.5
Rural Local		589,193	141,359	25.4	164,015	27.1	167,038	24.5	116,781	27.6
Urban Interstate	163.3	10,299,440	2,261,292	41.8	3,128,927	56.7	2,355,916	39.9	2,553,305	60.4
Urban Frwy/Exprwy	140.5	8,806,964	1,988,307	43.4	2,642,555	60.3	2,081,426	38.5	2,094,675	65.4
Urban Principal Art.	202.8	6,564,745	1,494,380	19.3	1,957,848	27.8	1,640,158	16.3	1,472,359	32.9
Urban Minor Art.	233.5	5,601,046	1,308,038	19.2	1,663,547	27.6	1,497,701	16.7	1,131,760	32.0
Urban Collector	385.2	5,556,271	1,259,605	17.2	1,648,000	24.9	1,427,121	15.4	1,221,545	30.8
Urban Local		8,726,498	1,950,078	19.9	2,629,717	21.6	2,402,376	18.0	1,744,327	23.9
Urban HOV	72.6	1,861,574	575,900	43.7	482,524	60.1	631,544	42.2	171,606	62.7
Rural	35.0	1,350,181	323,588	26.8	379,507	33.5	367,573	26.9	279,513	34.9
Urban	1,197.9	47,416,538	10,837,600	25.2	14,153,118	33.2	12,036,242	22.1	10,389,578	38.5
County	1,232.9	48,766,718	11,161,187	25.3	14,532,625	33.2	12,403,815	22.2	10,669,091	38.4

			AM Peak		Midday		PM Peak		Night	
Rowan (NA part)	**Miles**	**VMTassn**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	9.7	181,930	49,621	58.1	53,110	59.0	47,883	58.3	31,316	59.1
Rural Minor Art.	10.2	123,424	28,699	60.4	35,896	61.5	28,175	60.6	30,654	62.2
Rural Major Collect.	58.7	506,856	132,679	51.0	139,029	53.6	135,211	52.1	99,938	55.0
Rural Minor Collect.	61.4	416,567	115,110	46.8	114,858	50.2	116,017	46.8	70,582	51.2
Rural Local		517,482	124,876	29.6	155,795	28.9	126,835	29.3	109,975	28.8
Urban Interstate	38.8	2,212,073	520,840	72.6	728,267	73.3	513,922	72.7	449,043	73.4
Urban Frwy/Exprwy	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	42.9	433,510	105,938	35.6	128,650	36.0	107,486	35.0	91,435	37.8
Urban Minor Art.	61.7	618,364	148,481	34.9	183,873	37.7	158,211	34.7	127,799	40.3
Urban Collector	126.5	672,019	164,537	35.5	194,139	37.1	174,767	35.2	138,577	37.8
Urban Local		712,294	160,996	26.4	220,434	26.4	176,991	26.3	153,873	26.7
Urban HOV	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	140.0	1,746,259	450,985	42.5	498,689	42.4	454,121	42.5	342,464	42.6
Urban	269.8	4,648,260	1,100,793	43.8	1,455,363	45.5	1,131,377	42.8	960,727	45.4
County	409.9	6,394,519	1,551,777	43.4	1,954,051	44.7	1,585,498	42.7	1,303,191	44.7

			AM Peak		Midday		PM Peak		Night	
Union (NA part)	**Miles**	**VMTassn**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**

Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	28.4	532,876	58.3	150,335	59.0	152,966	58.1	123,113	57.3	106,463	58.7
Rural Minor Art.	13.3	82,034	41.7	24,996	39.6	16,137	43.8	27,922	41.4	12,980	44.5
Rural Major Collect.	108.4	990,975	42.2	246,222	38.0	287,156	45.1	249,925	40.6	207,671	46.4
Rural Minor Collect.	79.2	379,795	39.9	96,710	37.6	104,344	43.2	98,984	36.0	79,757	44.6
Rural Local		1,271,852	28.8	312,950	27.7	359,606	29.6	332,045	27.9	267,250	30.3
Urban Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	23.8	556,024	55.7	130,291	52.2	151,363	59.7	157,995	51.3	116,375	61.9
Urban Principal Art.	20.8	744,412	43.1	183,449	41.1	212,816	44.9	194,919	41.2	153,228	45.9
Urban Minor Art.	48.1	606,051	29.3	148,125	25.1	174,664	34.1	153,901	25.0	129,361	36.7
Urban Collector	73.2	840,070	28.7	204,676	25.2	235,364	32.7	216,988	24.5	183,042	35.8
Urban Local		1,372,878	26.1	320,049	24.6	405,482	27.2	355,340	24.9	292,007	28.0
Urban HOV	0.3	2,563	37.6	759	30.9	842	41.0	469	41.4	493	41.9
Rural	229.3	3,257,532	36.9	831,213	35.4	920,209	38.5	831,989	35.2	674,121	39.2
Urban	166.1	4,121,998	31.7	987,350	29.0	1,180,531	34.2	1,079,611	29.1	874,506	36.0
County	395.5	7,379,530	33.8	1,818,563	31.6	2,100,740	35.9	1,911,600	31.5	1,548,627	37.3

				AM Peak		Midday		PM Peak		Night	
York (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	24.6	1,356,846	58.0	325,123	52.1	432,137	64.7	313,507	51.1	286,079	65.7
Rural Principal Art.	6.1	154,953	33.0	36,736	24.9	49,330	44.9	37,865	24.5	31,021	53.7
Rural Minor Art.	19.2	399,367	32.4	98,493	28.5	116,210	37.1	100,302	27.8	84,363	39.4
Rural Major Collect.	46.3	435,129	35.9	109,135	31.7	127,901	39.8	107,588	31.9	90,505	43.1
Rural Minor Collect.	8.3	48,538	17.4	11,792	15.2	14,773	19.2	11,625	14.5	10,347	23.4
Rural Local		730,479	25.9	175,369	25.4	217,257	26.4	185,444	25.3	152,409	26.7
Urban Interstate	18.3	1,170,823	58.2	282,346	50.1	360,701	62.6	267,865	58.3	259,911	62.9
Urban Frwy/Exprwy	3.1	72,874	40.0	19,306	40.2	20,080	39.9	19,443	40.2	14,046	39.7
Urban Principal Art.	52.5	1,317,365	29.2	307,689	25.8	391,858	33.4	323,351	24.2	294,467	36.2
Urban Minor Art.	82.0	987,320	29.6	237,942	26.1	293,086	33.7	249,371	25.4	206,922	36.2
Urban Collector	74.9	417,397	23.6	102,607	22.9	121,381	27.1	108,380	18.7	85,029	28.8
Urban Local		924,684	24.6	204,769	24.1	290,852	24.8	229,946	24.3	199,117	25.2
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	104.5	3,125,313	37.4	756,648	33.9	957,608	41.4	756,332	33.2	654,725	42.7
Urban	230.9	4,890,463	31.4	1,154,658	28.8	1,477,958	34.4	1,198,355	27.6	1,059,491	36.3
County	335.4	8,015,776	33.5	1,911,307	30.6	2,435,566	36.9	1,954,687	29.5	1,714,217	38.5

				AM Peak		Midday		PM Peak		Night	
NC 2008 8 hr AQ NA	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	10.9	517,502	46.7	112,612	36.9	176,399	47.3	108,680	43.5	119,811	66.4
Rural Principal Art.	68.2	1,449,324	50.4	380,004	46.9	417,461	54.9	358,845	46.5	293,015	54.9
Rural Minor Art.	92.3	1,346,289	37.5	320,100	32.8	390,792	39.6	334,334	34.7	301,063	45.5
Rural Major Collect.	282.2	2,720,235	43.0	685,924	39.5	768,914	46.0	700,241	40.4	565,157	47.8
Rural Minor Collect.	314.6	2,089,709	37.8	542,493	34.5	574,958	41.1	570,889	34.9	401,369	43.5
Rural Local (est)		4,807,815	27.5	1,168,783	26.6	1,390,231	28.0	1,247,936	26.9	1,000,864	28.6
Urban Interstate	287.4	18,341,353	53.0	4,113,900	46.4	5,688,872	59.7	4,220,574	45.1	4,318,006	63.1
Urban Frwy/Exprwy	213.0	10,581,847	51.8	2,413,566	45.7	3,170,912	60.9	2,521,804	41.1	2,475,565	65.2
Urban Principal Art.	403.0	10,492,050	25.6	2,449,272	22.7	3,094,538	30.4	2,644,639	19.7	2,303,602	34.6
Urban Minor Art.	587.2	9,660,119	25.3	2,286,224	22.3	2,837,872	30.1	2,541,480	20.1	1,994,543	33.9
Urban Collector	803.6	8,550,901	22.8	1,979,535	19.8	2,506,768	26.9	2,207,215	17.8	1,857,383	31.9
Urban Local		13,874,470	22.0	3,118,538	21.5	4,194,346	23.0	3,723,581	19.8	2,838,005	24.9
Urban HOV	78.6	2,035,588	47.9	625,032	43.4	544,488	60.5	679,658	42.1	186,411	63.1
Rural	768.2	12,930,874	35.0	3,209,916	32.7	3,718,755	36.6	3,320,925	33.3	2,681,279	38.4
Urban	2372.9	73,536,327	30.8	16,986,066	27.8	22,037,796	35.1	18,538,950	24.9	15,973,516	39.2
County	3141.1	86,467,202	31.3	20,195,981	28.5	25,756,551	35.3	21,859,875	25.9	18,654,795	39.1

Based on 2008 8-hour Non-attainment Boundary
2055: NC MTP 2055

				AM Peak		Midday		PM Peak		Night	
Cabarrus (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	10.2	167,737	40.4	42,762	37.5	44,077	43.5	43,034	37.4	37,864	44.5
Rural Minor Art.	20.1	335,962	43.1	83,676	41.6	88,225	48.1	91,699	37.3	72,361	48.8
Rural Major Collect.	49.1	667,510	38.8	166,354	34.8	182,422	43.7	174,768	34.1	143,966	45.8
Rural Minor Collect.	50.2	480,152	36.7	122,009	34.5	121,778	41.4	140,593	31.8	95,772	44.0
Rural Local		979,091	27.1	234,393	26.2	277,189	27.9	259,150	26.4	208,358	28.1
Urban Interstate	28.2	2,477,839	54.6	573,177	46.7	754,405	66.4	596,342	43.7	553,915	68.3
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	37.2	1,205,326	28.4	276,090	25.4	355,576	34.3	297,275	21.2	276,384	38.2
Urban Minor Art.	70.2	1,412,127	27.5	323,390	24.9	415,225	32.1	367,471	21.7	306,041	35.8
Urban Collector	106.4	942,071	23.3	212,297	21.5	273,737	26.8	257,699	18.4	198,338	31.5
Urban Local		1,619,220	23.9	358,378	23.7	488,918	25.3	437,532	21.3	334,392	26.4
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	129.6	2,630,451	33.6	649,194	31.8	713,692	35.9	709,244	30.9	558,321	37.1
Urban	242.0	7,656,582	30.9	1,743,331	28.5	2,287,862	35.6	1,956,320	24.7	1,669,069	38.9
County	371.6	10,287,033	31.6	2,392,526	29.3	3,001,553	35.7	2,665,564	26.1	2,227,391	38.4

				AM Peak		Midday		PM Peak		Night	
Gaston (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	4.6	186,809	67.0	42,772	64.8	63,472	67.9	40,806	66.7	39,758	68.2
Rural Principal Art.	5.3	159,910	47.4	38,922	42.2	45,326	57.1	41,527	38.9	34,135	57.8
Rural Minor Art.	12.1	105,307	47.0	24,322	45.7	31,330	48.0	27,131	45.2	22,524	49.6
Rural Major Collect.	36.0	334,908	42.2	85,747	37.9	91,947	45.5	86,617	40.4	70,597	46.9
Rural Minor Collect.	51.5	162,338	37.5	46,613	33.9	39,720	39.8	48,515	38.1	27,490	39.9
Rural Local		270,990	27.8	69,270	28.0	76,292	27.4	71,764	28.3	53,665	27.3
Urban Interstate	34.2	2,750,181	55.2	605,148	47.8	904,834	59.9	599,710	49.8	640,489	64.1
Urban Frwy/Exprwy	19.2	576,619	65.0	134,658	64.5	178,924	65.2	131,994	65.0	131,043	65.1
Urban Principal Art.	84.6	1,521,056	30.9	380,080	28.4	441,694	32.9	399,410	29.0	299,873	34.4
Urban Minor Art.	126.0	1,205,336	32.4	295,884	28.9	344,093	35.1	311,072	30.3	254,287	36.8
Urban Collector	69.4	329,415	24.1	78,270	24.0	95,629	24.8	83,398	21.0	72,118	27.8
Urban Local		1,163,038	23.9	259,628	23.2	362,771	24.4	291,927	22.9	248,712	25.0
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	109.5	1,220,262	40.1	307,646	37.4	348,087	42.5	316,360	38.4	248,170	42.9
Urban	333.4	7,545,645	36.3	1,753,669	33.2	2,327,944	38.9	1,817,511	33.1	1,646,522	41.0
County	442.9	8,765,907	36.8	2,061,315	33.8	2,676,030	39.4	2,133,870	33.8	1,894,692	41.2

			AM Peak		Midday		PM Peak		Night	
Iredell (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	6.2	356,040	37.7	72,807	27.5	121,612	35.6	69,444	36.3	92,178	62.8
Rural Principal Art.	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Minor Art.	5.5	224,403	21.8	51,447	15.7	73,207	26.0	48,828	16.4	50,920	41.7
Rural Major Collect.	12.4	167,048	33.9	40,511	28.8	52,619	36.6	40,183	30.6	33,734	43.3
Rural Minor Collect.	23.4	312,823	30.9	74,067	27.1	97,289	33.6	75,562	26.6	65,905	39.6
Rural Local		583,698	26.5	139,776	24.8	178,139	27.3	142,757	25.9	123,024	28.5
Urban Interstate	22.9	937,669	45.5	187,607	36.6	316,146	43.7	180,927	43.3	252,990	62.2
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	6.6	197,774	28.4	45,948	25.1	61,020	31.3	46,552	24.6	44,253	34.0
Urban Minor Art.	17.5	205,690	28.3	48,495	24.0	63,559	31.2	50,938	26.1	42,697	34.2
Urban Collector	21.8	292,730	31.7	72,355	28.4	86,085	35.4	72,324	28.7	61,966	36.1
Urban Local		471,151	24.8	109,363	23.9	144,707	25.3	114,523	23.9	102,557	26.3
Urban HOV	5.7	188,999	49.0	48,818	40.7	70,396	59.8	47,860	41.0	21,924	69.7
Rural	47.5	1,644,011	29.0	378,609	24.1	522,866	30.6	376,774	25.9	365,762	38.7
Urban	74.6	2,294,012	34.3	512,587	29.6	741,914	36.1	513,123	31.1	526,387	41.9
County	122.1	3,938,023	31.8	891,196	27.0	1,264,781	33.6	889,897	28.7	892,149	40.5

			AM Peak		Midday		PM Peak		Night	
Lincoln (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.4	162,890	58.8	40,059	57.4	56,588	60.1	34,626	56.3	31,616	61.4
Rural Minor Art.	26.7	477,152	30.5	102,647	25.8	152,909	31.6	102,223	26.3	119,373	40.2
Rural Major Collect.	10.8	93,048	52.3	23,297	51.1	29,209	52.9	21,444	52.3	19,098	52.8
Rural Minor Collect.	32.3	258,752	37.5	64,722	33.6	82,027	38.8	62,771	36.9	49,231	42.2
Rural Local		999,785	25.9	240,295	23.3	305,506	26.8	243,654	25.9	210,330	28.1
Urban Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	29.5	734,503	66.0	184,727	65.6	232,237	66.3	166,237	66.1	151,302	66.1
Urban Principal Art.	8.0	150,663	34.6	35,440	30.6	48,167	36.3	33,787	32.1	33,268	40.6
Urban Minor Art.	30.4	336,842	30.9	79,247	28.4	103,126	31.7	78,777	29.0	75,692	35.6
Urban Collector	21.2	111,921	34.0	28,004	32.6	34,503	35.1	25,738	32.8	23,675	35.4
Urban Local		213,245	27.7	47,420	27.2	69,104	27.9	49,203	27.4	47,519	28.4
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	77.2	1,991,628	30.3	471,021	27.1	626,239	31.6	464,718	29.0	429,650	34.3
Urban	89.1	1,547,173	41.4	374,838	40.0	487,137	42.2	353,742	39.9	331,456	43.8
County	166.3	3,538,800	34.3	845,859	31.6	1,113,376	35.5	818,460	32.9	761,105	37.9

			AM Peak		Midday		PM Peak		Night	
Mecklenburg	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	7.2	311,865	37.1	72,382	28.2	88,519	47.8	80,871	31.4	70,094	49.2
Rural Minor Art.	4.3	122,518	30.0	27,951	25.8	35,432	34.2	31,656	25.1	27,478	38.9
Rural Major Collect.	6.8	130,878	34.0	31,773	32.9	38,352	38.9	32,579	26.7	28,173	41.9
Rural Minor Collect.	16.6	310,254	24.3	71,846	18.3	90,888	32.7	80,982	18.9	66,537	37.5
Rural Local		755,198	22.4	178,200	21.5	212,743	23.6	212,423	19.9	151,832	26.2
Urban Interstate	163.3	10,827,289	46.1	2,313,886	38.8	3,351,619	54.6	2,422,086	35.7	2,739,697	59.6
Urban Frwy/Exprwy	140.5	9,408,268	46.1	2,048,917	39.4	2,904,028	56.7	2,161,304	33.2	2,294,019	64.3
Urban Principal Art.	202.8	7,137,161	20.6	1,596,672	17.9	2,152,261	25.9	1,774,748	14.4	1,613,480	32.1
Urban Minor Art.	233.5	6,136,629	20.5	1,402,025	17.8	1,852,504	26.1	1,627,511	14.8	1,254,589	31.5
Urban Collector	386.4	6,038,079	18.7	1,338,219	15.8	1,815,497	22.9	1,539,179	13.6	1,345,184	29.6
Urban Local		9,721,712	19.3	2,149,067	18.8	2,934,325	20.7	2,694,970	16.3	1,943,350	23.4
Urban HOV	79.0	2,235,272	44.5	656,328	40.3	622,022	57.6	730,227	37.2	226,695	63.4
Rural	35.0	1,630,713	25.9	382,152	22.7	465,935	29.8	438,511	21.9	344,115	33.1
Urban	1,205.5	51,504,410	26.3	11,505,114	23.2	15,632,257	31.4	12,950,024	19.5	11,417,015	37.6
County	1,240.5	53,135,123	26.2	11,887,266	23.2	16,098,191	31.3	13,388,536	19.6	11,761,130	37.4

			AM Peak		Midday		PM Peak		Night	
Rowan (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	14.3	198,477	56.6	57,507	56.4	49,761	57.1	56,370	56.2	34,840	57.0
Rural Minor Art.	10.2	148,358	59.8	33,134	57.9	45,374	61.1	33,054	57.7	36,796	62.1
Rural Major Collect.	58.7	581,043	50.7	148,359	48.3	171,626	52.5	155,188	49.5	105,871	53.7
Rural Minor Collect.	61.4	482,342	47.0	130,509	44.7	139,738	49.5	126,902	44.4	85,193	51.1
Rural Local		583,022	29.4	140,640	29.8	174,617	29.1	147,388	29.7	120,377	28.9
Urban Interstate	38.8	2,513,761	72.5	579,498	71.6	844,603	73.1	566,165	71.8	523,494	73.4
Urban Frwy/Exprwy	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Principal Art.	43.5	456,628	35.0	111,608	34.8	133,026	35.0	118,230	33.8	93,764	37.1
Urban Minor Art.	69.3	673,318	35.8	162,480	34.5	201,462	36.7	172,438	33.9	136,938	38.8
Urban Collector	126.4	766,057	35.8	184,858	34.8	225,865	37.0	198,007	34.1	157,326	37.7
Urban Local		816,391	26.5	182,492	26.4	254,799	26.5	205,185	26.3	173,915	26.7
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	144.6	1,993,242	41.9	510,149	41.5	581,116	42.4	518,901	41.4	383,077	42.5
Urban	278.0	5,226,155	44.0	1,220,936	43.2	1,659,755	45.4	1,260,026	41.9	1,085,438	45.5
County	422.7	7,219,397	43.4	1,731,085	42.7	2,240,871	44.6	1,778,927	41.7	1,468,514	44.7

			AM Peak		Midday		PM Peak		Night	
Union (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**

Rural Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural Principal Art.	28.4	644,678	58.0	177,079	57.7	191,674	58.4	148,520	57.3	127,406	58.7
Rural Minor Art.	13.3	121,400	41.1	35,509	38.4	25,994	44.5	40,218	40.1	19,680	44.8
Rural Major Collect.	108.4	1,086,476	40.5	269,048	35.9	315,344	43.5	274,545	38.9	227,539	45.1
Rural Minor Collect.	79.2	455,281	38.7	116,198	36.1	126,347	41.9	116,389	34.7	96,348	44.1
Rural Local		1,474,510	28.4	365,451	27.2	419,245	29.3	382,519	27.5	307,296	30.1
Urban Interstate	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Urban Frwy/Exprwy	23.8	659,777	52.2	153,555	46.8	183,978	58.5	185,070	46.6	137,174	61.3
Urban Principal Art.	20.8	808,522	42.0	197,375	39.8	234,899	43.9	199,984	39.5	176,264	45.2
Urban Minor Art.	48.1	648,272	28.5	156,696	24.3	187,718	33.0	165,674	24.5	138,185	36.2
Urban Collector	73.2	935,512	27.5	221,710	23.5	268,091	32.0	239,000	23.0	206,710	35.6
Urban Local		1,515,885	25.6	350,904	23.8	451,948	26.9	390,424	24.2	322,608	27.8
Urban HOV	0.3	2,727	35.7	928	28.0	878	41.2	347	42.0	574	42.0
Rural	229.3	3,782,345	36.2	963,284	34.2	1,078,603	37.9	962,190	34.5	778,268	38.8
Urban	166.2	4,570,696	30.9	1,081,168	27.8	1,327,512	33.7	1,180,501	27.9	981,514	35.8
County	395.5	8,353,040	33.1	2,044,452	30.5	2,406,115	35.5	2,142,691	30.5	1,759,782	37.1

				AM Peak		Midday		PM Peak		Night	
York (NA part)	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	24.6	1,476,613	54.0	345,789	44.7	482,554	60.9	330,681	48.3	317,589	66.0
Rural Principal Art.	6.1	172,886	29.7	40,135	21.8	57,067	39.9	40,273	21.3	35,411	52.6
Rural Minor Art.	19.2	420,189	30.2	104,273	26.0	121,907	35.2	105,457	25.4	88,552	38.8
Rural Major Collect.	46.3	505,476	34.3	124,808	29.8	152,003	38.7	124,092	29.9	104,573	42.6
Rural Minor Collect.	8.3	54,844	17.0	13,576	14.5	16,871	18.7	12,766	14.3	11,630	23.2
Rural Local		861,537	25.8	209,213	25.2	258,368	26.5	217,314	25.0	176,642	26.8
Urban Interstate	18.3	1,255,478	57.9	296,002	49.9	397,810	62.0	278,141	57.3	283,525	63.0
Urban Frwy/Exprwy	3.1	80,468	40.0	21,096	40.0	22,706	39.9	21,400	40.1	15,266	39.8
Urban Principal Art.	52.5	1,422,380	27.5	330,734	23.8	428,886	31.7	342,385	22.4	320,376	35.5
Urban Minor Art.	82.0	1,085,979	28.2	259,389	24.4	325,999	32.4	271,506	23.8	229,085	35.8
Urban Collector	74.9	468,302	22.9	114,283	21.5	136,588	26.2	122,945	18.6	94,486	28.7
Urban Local		1,027,131	24.4	229,100	23.7	320,821	24.7	255,382	24.2	221,828	25.2
Urban HOV	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rural	104.5	3,491,544	35.5	837,795	31.0	1,088,770	39.7	830,582	31.2	734,398	42.4
Urban	230.9	5,339,738	30.3	1,250,604	27.2	1,632,810	33.5	1,291,758	26.2	1,164,566	35.9
County	335.4	8,831,283	32.1	2,088,399	28.6	2,721,580	35.7	2,122,341	28.0	1,898,964	38.2

				AM Peak		Midday		PM Peak		Night	
NC 2008 8 hr AQ NA	**Miles**	**VMTassn**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**	**VMT**	**Spd**
Rural Interstate	10.9	542,849	44.4	115,579	35.0	185,084	42.5	110,250	43.7	131,937	64.4
Rural Principal Art.	72.8	1,645,557	49.4	428,712	45.5	475,944	54.4	404,947	45.0	335,954	54.5
Rural Minor Art.	92.3	1,535,100	33.7	358,687	29.0	452,472	36.2	374,807	29.4	349,133	44.4
Rural Major Collect.	282.2	3,060,910	41.4	765,089	37.5	881,519	44.8	785,324	38.5	628,979	46.7
Rural Minor Collect.	314.6	2,461,942	35.5	625,964	31.9	697,788	39.7	651,714	31.4	486,475	43.0
Rural Local (est)		5,646,294	26.6	1,368,024	25.4	1,643,731	27.4	1,459,655	25.7	1,174,884	28.4
Urban Interstate	287.4	19,506,739	50.6	4,259,317	43.6	6,171,608	57.9	4,365,230	41.4	4,710,584	62.6
Urban Frwy/Exprwy	213.0	11,379,166	48.1	2,521,857	41.9	3,499,167	57.7	2,644,604	35.9	2,713,538	64.3
Urban Principal Art.	403.6	11,477,130	23.9	2,643,213	21.2	3,426,643	28.7	2,869,988	17.7	2,537,287	33.9
Urban Minor Art.	594.9	10,618,213	23.7	2,468,217	20.9	3,167,688	28.8	2,773,881	18.0	2,208,428	33.5
Urban Collector	804.7	9,415,785	21.2	2,135,714	18.4	2,799,407	25.1	2,415,346	16.0	2,065,318	31.0
Urban Local		15,520,642	21.0	3,457,252	20.5	4,706,572	22.4	4,183,764	18.3	3,173,053	24.5
Urban HOV	85.0	2,426,998	44.8	706,074	40.3	693,296	57.8	778,435	37.4	249,193	63.8
Rural	772.8	14,892,652	33.4	3,662,055	30.8	4,336,538	35.3	3,786,697	31.0	3,107,362	37.8
Urban	2388.7	80,344,673	28.8	18,191,643	25.9	24,464,380	33.5	20,031,247	22.4	17,657,401	38.5
County	3161.5	95,237,325	29.4	21,853,699	26.6	28,800,918	33.8	23,817,945	23.4	20,764,763	38.4