

## **Appendix E: VMT and Speeds**

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

| Cabarrus (NA part)   | Miles |           |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn    | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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 |

| Gaston (NA part)     | Miles |           |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn    | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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 | VTAssn    | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | 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  | VTAssn     | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | 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

| Cabarrus (NA part)   | Miles |           |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn    | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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 |

| Gaston (NA part)     | Miles |           |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn    | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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 | VTAssn    | Spd  | VMT     | Spd  | VMT     | Spd  | VMT     | Spd  | VMT     | Spd  |
| Rural Interstate     | 6.2   | 313,942   | 48.8 | 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       | 0.0  |
| Rural Minor Art.     | 5.5   | 118,155   | 15.9 | 24,197  | 13.7 | 37,506  | 14.7 | 24,677  | 13.6 | 31,774  | 24.4 |
| Rural Major Collect. | 12.4  | 137,191   | 39.4 | 35,250  | 35.9 | 39,536  | 42.6 | 35,683  | 37.0 | 26,722  | 44.4 |
| Rural Minor Collect. | 22.7  | 225,109   | 37.3 | 55,577  | 34.8 | 65,845  | 39.6 | 55,544  | 34.2 | 48,143  | 41.8 |
| Rural Local          |       | 448,958   | 27.4 | 104,768 | 27.1 | 134,367 | 27.5 | 111,671 | 27.1 | 98,153  | 28.1 |
| Urban Interstate     | 16.4  | 812,817   | 55.2 | 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       | 0.0  |
| Urban Principal Art. | 6.6   | 125,675   | 31.7 | 28,673  | 29.0 | 35,916  | 34.2 | 30,853  | 28.7 | 30,233  | 35.5 |
| Urban Minor Art.     | 17.4  | 165,130   | 32.5 | 39,512  | 30.1 | 48,151  | 34.1 | 40,450  | 30.7 | 37,017  | 35.6 |
| Urban Collector      | 21.8  | 223,308   | 31.0 | 53,399  | 27.8 | 65,120  | 34.4 | 54,362  | 27.6 | 50,427  | 35.4 |
| Urban Local          |       | 365,672   | 25.6 | 82,368  | 25.2 | 112,726 | 25.7 | 89,158  | 25.3 | 81,420  | 26.4 |
| Urban HOV            | 5.7   | 140,526   | 55.5 | 45,761  | 47.4 | 44,737  | 68.6 | 43,251  | 52.9 | 6,777   | 69.8 |
| Rural                | 46.8  | 1,243,355 | 31.3 | 290,487 | 28.7 | 383,720 | 32.2 | 296,921 | 29.2 | 272,228 | 36.1 |
| Urban                | 68.0  | 1,833,129 | 38.4 | 427,733 | 35.1 | 581,141 | 41.3 | 434,201 | 35.3 | 390,054 | 42.3 |
| County               | 114.8 | 3,076,484 | 35.1 | 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 | VTAssn    | 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   | 116,143   | 61.1 | 29,472  | 59.1 | 39,001  | 62.3 | 26,654  | 60.5 | 21,016  | 62.6 |
| Rural Minor Art.     | 26.7  | 400,264   | 38.6 | 89,152  | 34.3 | 126,503 | 40.2 | 91,260  | 34.3 | 93,349  | 47.6 |
| Rural Major Collect. | 10.8  | 71,902    | 52.9 | 18,499  | 52.4 | 21,686  | 53.4 | 17,313  | 52.9 | 14,403  | 53.0 |
| Rural Minor Collect. | 32.3  | 162,920   | 39.7 | 45,446  | 36.2 | 45,509  | 42.0 | 45,342  | 39.9 | 26,624  | 42.8 |
| Rural Local          |       | 558,965   | 26.8 | 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       | 0.0  |
| Urban Frwy/Exprwy    | 29.5  | 575,957   | 65.8 | 151,506 | 65.4 | 180,516 | 65.9 | 135,621 | 66.0 | 108,314 | 66.1 |
| Urban Principal Art. | 6.4   | 115,885   | 35.8 | 27,597  | 33.4 | 35,400  | 37.5 | 27,390  | 33.4 | 25,498  | 39.6 |
| Urban Minor Art.     | 31.3  | 329,574   | 34.6 | 77,548  | 31.6 | 100,945 | 35.9 | 76,892  | 32.5 | 74,189  | 39.2 |
| Urban Collector      | 18.5  | 78,992    | 34.7 | 20,000  | 33.8 | 23,098  | 35.8 | 19,671  | 33.2 | 16,223  | 36.0 |
| Urban Local          |       | 167,259   | 27.1 | 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       | 0.0  |
| Rural                | 77.2  | 1,310,194 | 33.9 | 318,547 | 30.9 | 401,070 | 35.3 | 318,771 | 33.2 | 271,806 | 37.1 |
| Urban                | 85.7  | 1,267,667 | 42.3 | 315,311 | 41.4 | 392,115 | 43.2 | 299,435 | 41.0 | 260,806 | 43.7 |
| County               | 162.9 | 2,577,861 | 37.6 | 633,858 | 35.3 | 793,186 | 38.8 | 618,206 | 36.6 | 532,612 | 40.0 |

|                      |         |            |      | AM Peak   |      | Midday     |      | PM Peak    |      | Night     |      |
|----------------------|---------|------------|------|-----------|------|------------|------|------------|------|-----------|------|
| Mecklenburg          | Miles   | VTAssn     | 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     | 207,233    | 37.0 | 49,667    | 24.2 | 59,830     | 50.7 | 54,667     | 35.6 | 43,068    | 51.1 |
| Rural Minor Art.     | 4.3     | 92,240     | 29.6 | 21,971    | 22.9 | 25,057     | 35.9 | 25,181     | 26.3 | 20,032    | 39.6 |
| Rural Major Collect. | 6.8     | 72,482     | 44.5 | 18,229    | 41.9 | 20,280     | 46.8 | 19,995     | 42.7 | 13,977    | 47.5 |
| Rural Minor Collect. | 16.6    | 173,271    | 32.7 | 47,890    | 29.9 | 43,335     | 36.6 | 49,564     | 29.9 | 32,482    | 38.2 |
| Rural Local          |         | 330,014    | 28.0 | 80,347    | 28.5 | 92,926     | 27.9 | 90,577     | 27.9 | 66,164    | 27.9 |
| Urban Interstate     | 149.2   | 9,169,406  | 52.6 | 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  | 56.4 | 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  | 26.5 | 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  | 26.0 | 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  | 25.1 | 1,035,838 | 21.1 | 1,263,226  | 29.4 | 1,130,048  | 21.0 | 947,146   | 33.2 |
| Urban Local          |         | 6,558,167  | 23.0 | 1,495,883 | 23.3 | 1,975,934  | 23.7 | 1,759,315  | 21.7 | 1,327,035 | 24.8 |
| Urban HOV            | 39.2    | 715,727    | 61.8 | 253,119   | 61.4 | 155,131    | 67.5 | 256,984    | 58.3 | 50,493    | 66.8 |
| Rural                | 35.0    | 875,240    | 31.9 | 218,103   | 27.7 | 241,429    | 35.3 | 239,984    | 30.5 | 175,723   | 36.1 |
| Urban                | 1,134.3 | 38,189,657 | 33.1 | 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 | 33.1 | 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 | VTAssn    | 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   | 140,861   | 59.1 | 39,055    | 58.9 | 40,097    | 59.1 | 37,438    | 59.0 | 24,271  | 59.2 |
| Rural Minor Art.     | 10.2  | 104,391   | 61.6 | 25,147    | 61.3 | 29,302    | 61.4 | 25,397    | 61.5 | 24,544  | 62.2 |
| Rural Major Collect. | 58.7  | 414,154   | 55.4 | 107,844   | 54.3 | 113,544   | 56.0 | 108,115   | 54.8 | 84,651  | 56.6 |
| Rural Minor Collect. | 61.4  | 297,107   | 50.5 | 84,701    | 49.8 | 74,521    | 51.3 | 88,586    | 49.9 | 49,299  | 51.7 |
| Rural Local          |       | 389,472   | 29.4 | 94,500    | 30.0 | 116,086   | 28.9 | 96,745    | 29.7 | 82,140  | 29.0 |
| Urban Interstate     | 38.8  | 1,689,863 | 73.3 | 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       | 0.0  |
| Urban Principal Art. | 38.7  | 334,047   | 36.4 | 79,527    | 36.1 | 101,127   | 36.5 | 81,721    | 35.3 | 71,672  | 38.0 |
| Urban Minor Art.     | 61.7  | 510,776   | 38.6 | 126,870   | 37.5 | 148,308   | 39.2 | 131,349   | 37.2 | 104,249 | 41.2 |
| Urban Collector      | 125.7 | 495,849   | 37.3 | 124,320   | 36.9 | 140,444   | 37.5 | 130,046   | 36.9 | 101,039 | 38.1 |
| Urban Local          |       | 535,765   | 26.7 | 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       | 0.0  |
| Rural                | 140.0 | 1,345,985 | 43.9 | 351,247   | 44.4 | 373,550   | 43.2 | 356,282   | 44.3 | 264,906 | 43.6 |
| Urban                | 264.8 | 3,566,300 | 45.3 | 865,244   | 45.2 | 1,090,430 | 45.7 | 883,024   | 44.4 | 727,602 | 45.7 |
| County               | 404.8 | 4,912,285 | 44.9 | 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 | VTAssn | 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  | 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 | VTAssn    | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | 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  | VTAssn     | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | 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

| Cabarrus (NA part)   | Miles |           |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn    | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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 |

| Gaston (NA part)     | Miles |           |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn    | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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 | VTAssn    | 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 | VTAssn    | 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   | VTAssn     | 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 | VTAssn    | 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 | VTAssn | 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 | VTAssn    | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | 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  | VTAssn     | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | 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

| Cabarrus (NA part)   | Miles |           |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn    | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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 |

| Gaston (NA part)     | Miles |           |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn    | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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 | VTAssn    | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | 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  | VTAssn     | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | 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

| Cabarrus (NA part)   | Miles |           |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn    | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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 |

| Gaston (NA part)     | Miles |           |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn    | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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   | Spd  | VMT     | Spd  | VMT       | Spd  | VMT     | Spd  | VMT     | Spd  |
| Rural Interstate     | 6.2   | 344,219   | 40.7 | 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       | 0.0  |
| Rural Minor Art.     | 5.5   | 179,516   | 32.2 | 41,152  | 22.6 | 56,469    | 37.2 | 40,721  | 31.7 | 41,173  | 43.3 |
| Rural Major Collect. | 12.4  | 152,223   | 36.2 | 37,871  | 31.4 | 47,626    | 39.4 | 37,654  | 33.4 | 29,074  | 43.9 |
| Rural Minor Collect. | 23.4  | 281,135   | 33.2 | 66,934  | 30.0 | 84,450    | 35.7 | 69,604  | 29.2 | 60,147  | 40.1 |
| Rural Local          |       | 539,957   | 26.6 | 127,438 | 25.7 | 161,646   | 26.9 | 133,398 | 25.8 | 117,475 | 28.2 |
| Urban Interstate     | 22.9  | 918,130   | 47.5 | 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       | 0.0  |
| Urban Principal Art. | 6.6   | 151,865   | 32.0 | 35,905  | 29.5 | 42,538    | 35.1 | 36,633  | 28.7 | 36,788  | 35.5 |
| Urban Minor Art.     | 17.5  | 183,058   | 30.5 | 44,676  | 26.9 | 53,749    | 33.0 | 46,155  | 28.9 | 38,479  | 34.8 |
| Urban Collector      | 21.8  | 255,870   | 33.2 | 63,461  | 30.0 | 72,871    | 36.2 | 64,014  | 31.1 | 55,525  | 36.4 |
| Urban Local          |       | 420,248   | 25.2 | 97,014  | 24.9 | 128,454   | 25.4 | 101,961 | 24.3 | 92,819  | 26.3 |
| Urban HOV            | 5.7   | 171,451   | 49.1 | 48,372  | 40.2 | 61,122    | 64.4 | 47,645  | 42.1 | 14,312  | 69.8 |
| Rural                | 47.5  | 1,497,050 | 31.8 | 345,601 | 27.4 | 468,055   | 33.5 | 351,195 | 29.6 | 332,199 | 38.8 |
| Urban                | 74.6  | 2,100,623 | 36.2 | 478,240 | 31.8 | 667,753   | 38.4 | 478,873 | 33.1 | 475,758 | 42.9 |
| County               | 122.1 | 3,597,673 | 34.3 | 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   | 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   | 146,662   | 59.4 | 36,171  | 57.9 | 50,713    | 60.4 | 32,118  | 57.8 | 27,660  | 61.9 |
| Rural Minor Art.     | 26.7  | 468,634   | 32.2 | 102,031 | 27.1 | 149,507   | 33.8 | 103,013 | 28.0 | 114,083 | 42.3 |
| Rural Major Collect. | 10.8  | 81,487    | 52.6 | 20,043  | 51.8 | 26,192    | 53.0 | 18,395  | 52.6 | 16,857  | 52.8 |
| Rural Minor Collect. | 32.3  | 220,615   | 35.2 | 57,088  | 29.0 | 69,543    | 37.8 | 56,088  | 36.1 | 37,896  | 42.0 |
| Rural Local          |       | 854,107   | 26.0 | 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       | 0.0  |
| Urban Frwy/Exprwy    | 29.5  | 675,235   | 66.4 | 167,122 | 66.2 | 210,154   | 66.6 | 157,130 | 66.4 | 140,830 | 66.4 |
| Urban Principal Art. | 8.0   | 154,245   | 35.0 | 35,014  | 31.1 | 49,135    | 36.4 | 34,559  | 32.7 | 35,536  | 40.8 |
| Urban Minor Art.     | 30.4  | 323,973   | 30.1 | 77,302  | 27.4 | 100,614   | 30.9 | 73,807  | 28.2 | 72,251  | 35.1 |
| Urban Collector      | 21.2  | 98,064    | 34.6 | 24,751  | 33.5 | 29,819    | 35.8 | 23,051  | 34.0 | 20,443  | 35.1 |
| Urban Local          |       | 186,279   | 26.9 | 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       | 0.0  |
| Rural                | 77.2  | 1,771,505 | 30.7 | 424,742 | 27.2 | 554,936   | 32.2 | 420,172 | 29.6 | 371,655 | 34.9 |
| Urban                | 89.1  | 1,437,795 | 41.0 | 345,735 | 39.3 | 450,321   | 41.6 | 331,061 | 39.8 | 310,678 | 43.5 |
| County               | 166.3 | 3,209,300 | 34.6 | 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    | 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     | 284,893    | 40.1 | 67,364     | 30.7 | 78,982     | 49.3 | 75,432     | 36.9 | 63,115     | 49.8 |
| Rural Minor Art.     | 4.3     | 109,964    | 31.0 | 25,952     | 26.7 | 31,494     | 35.4 | 28,952     | 26.8 | 23,567     | 38.9 |
| Rural Major Collect. | 6.8     | 107,539    | 36.2 | 25,507     | 33.1 | 31,620     | 41.0 | 26,787     | 30.0 | 23,625     | 44.0 |
| Rural Minor Collect. | 16.6    | 258,592    | 29.4 | 63,406     | 24.7 | 73,397     | 36.1 | 69,365     | 24.5 | 52,425     | 38.5 |
| Rural Local          |         | 589,193    | 26.0 | 141,359    | 25.4 | 164,015    | 27.1 | 167,038    | 24.5 | 116,781    | 27.6 |
| Urban Interstate     | 163.3   | 10,299,440 | 48.9 | 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  | 50.1 | 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  | 22.4 | 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  | 22.1 | 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  | 20.5 | 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  | 20.5 | 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  | 47.8 | 575,900    | 43.7 | 482,524    | 60.1 | 631,544    | 42.2 | 171,606    | 62.7 |
| Rural                | 35.0    | 1,350,181  | 30.0 | 323,588    | 26.8 | 379,507    | 33.5 | 367,573    | 26.9 | 279,513    | 34.9 |
| Urban                | 1,197.9 | 47,416,538 | 28.4 | 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 | 28.4 | 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   | 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   | 181,930   | 58.6 | 49,621    | 58.1 | 53,110    | 59.0 | 47,883    | 58.3 | 31,316    | 59.1 |
| Rural Minor Art.     | 10.2  | 123,424   | 61.2 | 28,699    | 60.4 | 35,896    | 61.5 | 28,175    | 60.6 | 30,654    | 62.2 |
| Rural Major Collect. | 58.7  | 506,856   | 52.7 | 132,679   | 51.0 | 139,029   | 53.6 | 135,211   | 52.1 | 99,938    | 55.0 |
| Rural Minor Collect. | 61.4  | 416,567   | 48.4 | 115,110   | 46.8 | 114,858   | 50.2 | 116,017   | 46.8 | 70,582    | 51.2 |
| Rural Local          |       | 517,482   | 29.1 | 124,876   | 29.6 | 155,795   | 28.9 | 126,835   | 29.3 | 109,975   | 28.8 |
| Urban Interstate     | 38.8  | 2,212,073 | 73.0 | 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         | 0.0  |
| Urban Principal Art. | 42.9  | 433,510   | 36.0 | 105,938   | 35.6 | 128,650   | 36.0 | 107,486   | 35.0 | 91,435    | 37.8 |
| Urban Minor Art.     | 61.7  | 618,364   | 36.7 | 148,481   | 34.9 | 183,873   | 37.7 | 158,211   | 34.7 | 127,799   | 40.3 |
| Urban Collector      | 126.5 | 672,019   | 36.3 | 164,537   | 35.5 | 194,139   | 37.1 | 174,767   | 35.2 | 138,577   | 37.8 |
| Urban Local          |       | 712,294   | 26.4 | 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         | 0.0  |
| Rural                | 140.0 | 1,746,259 | 42.5 | 450,985   | 42.5 | 498,689   | 42.4 | 454,121   | 42.5 | 342,464   | 42.6 |
| Urban                | 269.8 | 4,648,260 | 44.4 | 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 | 43.9 | 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 | 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  | 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 | VTAssn    | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | 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  | VTAssn     | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | 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

| Cabarrus (NA part)   | Miles |            |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|------------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn     | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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 |

| Gaston (NA part)     | Miles |           |      | AM Peak   |      | Midday    |      | PM Peak   |      | Night     |      |
|----------------------|-------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                      |       | VTAssn    | Spd  | VT        | Spd  | VT        | Spd  | VT        | Spd  | VT        | 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 | VTAssn    | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | Spd  | VTMT      | 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  | VTAssn     | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | Spd  | VTMT       | 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 |