### 2014

# Virginia Department of Transportation Daily Traffic Volume Estimates Including Vehicle Classification Estimates

where available

# Special Locality Report 128

City of Roanoke

Information in this report is included in Report

80

(Roanoke County)

Prepared By

Virginia Department of Transportation Traffic Engineering Division

In Cooperation With

U.S. Department of Transportation Federal Highway Administration

### Virginia Department of Transportation Traffic Engineering Division Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled "Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes" includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled "Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99".

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people of the VDOT Traffic Engineering Division Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

#### **Publication Notes**

#### Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a "Combined Traffic Estimates for Parallel Roadways on this Route" or "Combined Traffic" identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate "NA" for not available.

VDOT's traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating "NA" for not available. It is the intention of the VDOT Traffic Engineering Division Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate "NA" for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

### Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

### QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

**2Axle Truck**: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

**3+Axle Truck**: Percentage of the traffic volume made up of single unit trucks with three or more axles.

1 Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

K Factor: The estimate of the portion of the traffic volume traveling during the peak hour or design hour.

QK: Quality of the K Factor estimate:

- A Factor based on 30th Highest Hour Observed During at least 250 days of Continuous Traffic Data
- B Factor based on other Hour Observed During Less than 250 days of Continuous Traffic Data
- F Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of design hour
- N Design Hour Factor (K Factor) of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the peak hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

### Route Shield Legend

### Route Systems

| North<br>81 | Interstate Route | Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined. |
|-------------|------------------|--|
| 29          | US Route         |  |
|             |                  |  |

| (F241) | Frontage Road (F precedes frontage route number) |
|--------|--|

(600) Secondary Route

Virginia State Route

### Special Routes

| Bus   | Bus - Business Route      |
|-------|---------------------------|
| [29]  | Bypas - Bypass Route      |
|       | Truck - Truck Route       |
| ALT   | ALT - Alternate Route     |
| (220) | Wye - Wye Route connector |
|       |                           |

- P Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.
- The VDOT Maintainenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

### Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

| _                              |                             |                 |                     |          | _    |                 | Tru    | ıck  |      |    | K      |    | Dir    |       |    |
|--------------------------------|-----------------------------|-----------------|---------------------|----------|------|-----------------|--------|------|------|----|--------|----|--------|-------|----|
| Route                          | Jurisdiction                | Length AA       | ADT QA              | 4Tire    | Bus  |                 | 3+Axle |      |      | QC | Factor | QK | Factor | AAWDT | QW |
| ~~~                            | From:                       |                 | Salem               |          |      |                 |        |      |      |    |        |    |        |       |    |
| 11 Brandon Ave                 | City of Roanoke             | 1.35 <b>18</b>  | 000 G               | 98%      | 0%   | 1%              | 0%     | 0%   | 0%   | F  | 0.099  | F  | 0.598  | 21000 | G  |
| <u> </u>                       | To:<br>From:                | Edgewood St     | ; Mud Lick Ro       | <u>1</u> |      | $\neg$ $\vdash$ |        |      |      |    |        |    |        |       |    |
| 11 Brandon Ave                 | City of Roanoke             |                 | 000 G               | 98%      | 0%   | 1%              | 0%     | 0%   | 0%   | F  | 0.087  | F  | 0.528  | 13000 | G  |
|                                | To:                         | Gran            | din Rd              |          |      |                 |        |      |      |    |        |    |        |       |    |
| ~~                             | From:                       |                 | lon Ave             |          |      |                 |        |      |      |    |        |    |        |       |    |
| 11 Grandin Rd                  | City of Roanoke             |                 | 200 G               | 98%      | 0%   | 1%              | 0%     | 0%   | 0%   | F  | 0.094  | F  | 0.584  | 8100  | G  |
| <del></del>                    | To:                         |                 | al Avenue           |          |      |                 |        |      |      |    |        |    |        |       |    |
| 11 Memorial Avenue             | City of Roanoke             |                 | din Rd<br>000 F     | 98%      | 0%   | 1%              | 0%     | 0%   | 0%   | С  | 0.114  | В  | 0.616  | 13000 | F  |
| Memorial Avenue                | City of Hoarloke            |                 |                     | 90%      | 0%   | 1%              | 0%     | 0%   | 0%   | C  | 0.114  | Ь  | 0.616  | 13000 | Г  |
| •                              | From:                       |                 | bell Ave<br>th St   |          |      |                 |        |      |      |    |        |    |        |       |    |
| 11 Campbell Ave                | City of Roanoke             |                 | 500 G               | 98%      | 0%   | 1%              | 0%     | 0%   | 0%   | F  | 0.101  | F  | 0.582  | 5000  | G  |
| 1)                             | -                           |                 |                     |          |      |                 | .,.    |      |      | •  |        | -  |        |       | -  |
| O considerable Access          | From                        |                 | h St                | 000/     | 00/  | 10/             | 00/    | 00/  | 00/  | _  | 0.000  | _  | 0.500  | 5000  |    |
| (11) Campbell Ave              | City of Roanoke             | 0.47 <b>50</b>  | 000 G               | 98%      | 0%   | 1%              | 0%     | 0%   | 0%   | F  | 0.089  | F  | 0.508  | 5600  | G  |
| <del></del>                    | To:<br>From:                |                 | d St                |          |      |                 |        |      |      |    |        |    |        |       |    |
| 11 Campbell Ave                | City of Roanoke             | 0.28 <b>6</b> 4 | 400 G               | 98%      | 0%   | 1%              | 0%     | 0%   | 0%   | F  | 0.081  | F  | 0.748  | 7200  | G  |
| <u> </u>                       | To                          | IIS 221 I       | efferson St         |          |      |                 |        |      |      |    |        |    |        |       |    |
| 11 Campbell Ave                | City of Roanoke             |                 | 400 N               | 98%      | 0%   | 1%              | 0%     | 0%   | 0%   | Ν  | 0.081  | Ν  | 0.748  | 7200  | Ν  |
| (11) Gampson 7110              | To:                         |                 | nson Rd             | 0070     | 0 70 |                 | 0 70   | 0 70 | 070  |    | 0.001  |    | 0.7 10 | 7200  |    |
|                                | From:                       |                 | bell Ave            |          |      |                 |        |      |      |    |        |    |        |       |    |
| 11 (221) (116) Williamson Rd   | City of Roanoke             | 0.15 <b>22</b>  | 000 G               | 98%      | 0%   | 1%              | 0%     | 0%   | 0%   | F  | 0.088  | F  | 0.514  | 25000 | G  |
| <u> </u>                       | To:                         | Shanan          | doah Ave            |          |      |                 |        |      |      |    |        |    |        |       |    |
| (11) (221) (116) Williamson Rd | City of Roanoke             |                 | 000 G               | 98%      | 0%   | 1%              | 0%     | 0%   | 0%   | F  | 0.098  | F  | 0.707  | 17000 | G  |
| 11 221 116 Williamson Rd       | Oity of Hoanoke             |                 |                     | 30 70    | 0 70 | 1 /0            | 0 70   | 0 70 | 0 70 |    | 0.030  |    | 0.707  | 17000 | ч  |
| ~~~~                           | To:<br>From:                |                 | 581                 |          |      |                 |        |      |      |    |        | _  |        |       |    |
| (11) (221) (116) Williamson Rd | City of Roanoke             | 0.50 <b>12</b>  | 000 G               | 99%      | 0%   | 0%              | 0%     | 0%   | 0%   | F  | 0.08   | F  | 0.519  | 12000 | G  |
| <del>**</del>                  | To:<br>From:                | US 460 C        | Orange Ave          |          |      | $\neg$          |        |      |      |    |        |    |        |       |    |
| 11 Williamson Rd               | City of Roanoke             | 0.92 14         | 000 G               | 99%      | 0%   | 0%              | 0%     | 0%   | 0%   | F  | 0.08   | F  | 0.505  | 14000 | G  |
| $\bigcirc$                     | To                          | Liha            | rty Rd              |          |      | —               |        |      |      |    |        |    |        |       |    |
| 11 Williamson Rd               | City of Roanoke             |                 | 000 G               | 99%      | 0%   | 0%              | 0%     | 0%   | 0%   | F  | 0.078  | F  | 0.515  | 15000 | G  |
| (11) Williamson Rd             | Oity of Roanoke             |                 |                     | 33 /6    | 0 /6 | 0 /6            | 0 /6   | 0 /6 | 0 /6 | •  | 0.070  | '  | 0.515  | 13000 | u  |
| ~~                             | To:<br>From:                |                 | th St               |          |      |                 |        |      |      |    |        |    |        |       |    |
| (11) Williamson Rd             | City of Roanoke             | 1.27 <b>16</b>  | 000 G               | 99%      | 0%   | 0%              | 0%     | 0%   | 0%   | F  | 0.084  | F  | 0.511  | 17000 | G  |
| <del></del>                    | To:                         | SR 101 He       | rshberger Rd        |          |      | <u> </u>        |        |      |      |    |        |    |        |       |    |
| 11 Williamson Rd               | City of Roanoke             | 0.11 <b>16</b>  | 000 G               | 99%      | 0%   | 0%              | 0%     | 0%   | 0%   | F  | 0.089  | F  | 0.513  | 16000 | G  |
|                                | To                          | CD 110          | A D. 1              |          |      | <del></del>     |        |      |      |    |        |    |        |       |    |
| 11 Williamson Rd               | City of Roanoke             |                 | Airport Rd<br>000 G | 99%      | 0%   | 0%              | 0%     | 0%   | 0%   | F  | 0.088  | F  | 0.507  | 15000 | G  |
| 11 Williamson Rd               | To:                         |                 | Roanoke             | JJ 70    | U-70 | 070             | 0 %    | U 70 | 070  | Г  | 0.000  | 1- | 0.507  | 13000 | G  |
|                                | 1                           |                 |                     |          |      |                 |        |      |      |    |        |    |        |       |    |
| North                          | From:                       |                 | lliamson Rd         |          |      |                 |        |      |      |    |        | _  |        |       | _  |
| (11) Ramp                      | City of Roanoke (Maint: 80) |                 | 000 G               |          |      |                 |        |      |      |    | 0.163  | F  |        | 4000  | G  |
| ~                              | To:                         | I-581           | North               |          |      |                 |        |      |      |    |        |    |        |       |    |

4/21/2015 7

### Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

|                                 |   |              |                         |           |       |      |       | Tru    | ıck    |        |    | K      |    | Dir    |       |    |
|---------------------------------|---|--------------|-------------------------|-----------|-------|------|-------|--------|--------|--------|----|--------|----|--------|-------|----|
| Route                           | Jurisdiction                                | n Length     | AADT                    | QA        | 4Tire | Bus  | 2Axle | 3+Axle | 1Trail | 2Trail | QC | Factor | QK | Factor | AAWDT | Q۱ |
| ALT ~~~                         | From:                                       |              | ECL Salem               |           |       |      |       |        |        |        |    |        |    |        |       |    |
| 11 460 Melrose Ave              | City of Roand                               | oke 0.65     | 16000                   | G         | 96%   | 1%   | 1%    | 1%     | 2%     | 0%     | F  | 0.084  | F  | 0.516  | 17000 | G  |
| ALT                             | To:<br>From:                                | SR 11        | 7 Peters Cree           | ek Rd     |       |      |       |        |        |        |    |        |    |        |       |    |
| 11) (460) Melrose Ave           | City of Roand                               | oke 1.75     | 13000                   | G         | 96%   | 1%   | 1%    | 1%     | 2%     | 0%     | F  | 0.085  | F  | 0.508  | 14000 | G  |
| ALT                             | To:<br>From:                                |              | 24th St                 |           |       |      |       |        |        |        |    |        |    |        |       |    |
| 11) (460) (116) Melrose Ave     | City of Roand                               | oke 0.41     | 12000                   | G         | 96%   | 1%   | 1%    | 1%     | 2%     | 0%     | F  | 0.085  | F  | 0.506  | 13000 | C  |
| $\sim \sim$                     | To:<br>From:                                | Sa           | ılem Turnpik            | æ         |       |      |       |        |        |        |    |        |    |        |       |    |
| ALT<br>11 (460)(116) Orange Ave | City of Roand                               | oke 1.00     | 14000                   | G         | 96%   | 1%   | 1%    | 1%     | 2%     | 0%     | F  | 0.082  | F  | 0.52   | 15000 | G  |
| $\sim \sim \sim$                | To:   | 10TH         | ST, Gainsbo             | ro Rd     |       |      |       |        |        |        |    |        |    |        |       |    |
| 11 (460)(116) Orange Ave        | City of Roand                               |              | 18000                   | Α         | 96%   | 1%   | 1%    | 1%     | 2%     | 0%     | С  | 0.094  | Α  | 0.501  | 19000 | F  |
| 11) (460) (116) Starings 7113   | 51.ty 61.116a.116                           |              | S 220, ALT              |           | 0070  | 170  |       | 170    | 270    | 070    |    | 0.001  | ,, | 0.001  | 10000 |    |
| ALT ALT                         | From:                                       |              |                         |           | 000/  | 40/  | 40/   | 40/    | 00/    | 00/    | _  | 0.000  | ١  | 0.010  | 00000 | _  |
| 11) (460) (116) (220) Orange    | Ave City of Roand τα Γ                      |              | 36000<br>1 Williamson   | G<br>n Rd | 96%   | 1%   | 1%    | 1%     | 2%     | 0%     | F  | 0.082  | F  | 0.618  | 39000 | (  |
|                                 | From:                                       |              | 116 Jeffersor           |           |       |      |       |        |        |        |    |        |    |        |       |    |
| Elm Avenue                      | City of Roand                               |              | 15000                   | G         | 97%   | 1%   | 1%    | 0%     | 1%     | 0%     | F  | 0.08   | F  | 0.61   | 16000 | (  |
| <u> </u>                        | Toc   |              | I-581                   |           |       |      |       |        |        |        |    |        |    |        |       |    |
| 24) Elm Avenue                  | City of Roand                               | oke 0.25     | 25000                   | G         | 97%   | 1%   | 1%    | 0%     | 1%     | 0%     | С  | 0.081  | F  | 0.560  | 27000 | C  |
| <u> </u>                        | To:<br>From:                                | SR           | 24 Par, 6th             | St        |       |      |       |        |        |        |    |        |    |        |       |    |
| 24) Bullitt Avenue              | City of Roand                               |              | 11000                   | G         | 98%   | 0%   | 1%    | 0%     | 1%     | 0%     | С  | 0.105  | F  |        | 12000 | C  |
| ~                               | ombined Traffic Estimates for 2 Parallel I  |              |                         | G         | 98%   | 0%   | 1%    | 0%     | 1%     | 0%     | С  | NA     |    |        | 25000 | (  |
|                                 | 10:<br>From:                                | SF           | 24 P, 13th S<br>13th St | St        |       |      |       |        |        |        |    |        |    |        |       |    |
| 24) Jamison Ave                 | City of Roand                               | oke 0.19     | 26000                   | G         | 98%   | 0%   | 1%    | 0%     | 1%     | 0%     | F  | 0.088  | F  | 0.607  | 27000 | (  |
| <i>J</i>                        | Tα:   |              | Dale Ave                |           |       |      |       |        |        |        |    |        |    |        |       |    |
| Dale Ave                        | City of Roand                               |              | 23000                   | G         | 98%   | 0%   | 1%    | 0%     | 1%     | 0%     | F  | 0.088  | F  | 0.603  | 25000 | (  |
| Dale Ave                        | To:   |              | CL Roanoke              |           | 30 /6 | 0 /6 |       | 0 /0   | 1 /0   | 0 /6   | '  | 0.000  | '  | 0.003  | 23000 |    |
|                                 | From:                                       |              | FROM RT 58              |           |       |      |       |        |        |        |    |        |    |        |       |    |
| Ramp                            | City of Roanoke (M                          |              | 6700                    | G         |       |      |       |        |        |        |    | 0.082  | F  |        | 6700  | (  |
| <u> </u>                        | To:   | US 220 FROM  | I RT 2400- E            | ELM ST    | REET  |      |       |        |        |        |    |        |    |        |       |    |
|                                 | From:                                       |              | TO RT 581               |           |       |      |       |        |        |        |    |        |    |        |       |    |
| Ramp                            | City of Roanoke (N                          |              | 13000                   | G         | DEEE  |      |       |        |        |        |    | 0.080  | F  |        | 13000 | (  |
|                                 | 100   | I-581-N FROM |                         | ELM ST    | KEET  |      |       |        |        |        |    |        |    |        |       |    |
| Jamison Ave                     | City of Roand                               | oke 0.68     | 6th St<br>12000         | G         | 98%   | 0%   | 1%    | 0%     | 1%     | 0%     | С  | 0.094  | F  |        | 12000 | (  |
| <b>-</b> ъ-, /                  | Combined Traffic Estimates for 2 Parallel I |              |                         | G         | 98%   | 0%   | 1%    | 0%     | 1%     | 0%     | С  | NA     | '  |        | 25000 | (  |
|                                 | Tallel I                                    | •            | son Ave; Bul            |           |       | 0 /0 | 1 /0  | 0 /6   | 1 /0   | 0 /6   | O  | 11/7   |    |        | 23000 |    |

#### Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

| <b>.</b>             |                             |                               |          | _    |       | Tru    | ıck    |        |    | K      | <u> </u> | Dir    |       |    |
|----------------------|-----------------------------|-------------------------------|----------|------|-------|--------|--------|--------|----|--------|----------|--------|-------|----|
| Route                | Jurisdiction                | Length AADT QA                | 4Tire    | Bus  | 2Axle | 3+Axle | 1Trail | 2Trail | QC | Factor | QK       | Factor | AAWDT | Q۷ |
|                      | From:                       | SR 117 Peters Creek Rd        |          |      |       |        |        |        |    |        |          |        |       |    |
| 101)Hershberger Rd   | City of Roanoke             | 1.34 <b>8800 G</b>            | 99%      | 0%   | 0%    | 0%     | 0%     | 0%     | С  | 0.092  | F        | 0.53   | 9500  | G  |
|                      | To:<br>From:                | SR 116 Cove Rd                |          |      |       |        |        |        |    |        |          |        |       |    |
| 101)Hershberger Rd   | City of Roanoke             | 0.58 <b>24000 G</b>           | 96%      | 1%   | 1%    | 0%     | 1%     | 0%     | F  | 0.085  | F        | 0.504  | 27000 | (  |
| $\smile$             | To:                         | I-581                         |          |      |       |        |        |        |    |        |          |        |       |    |
|                      | From:                       | I-581 Valley View Blvd N      |          | 40/  |       | 201    | 40/    | 00/    | _  | 0.00   | _        | 0.554  | 00000 | ,  |
| Hershberger Rd       | City of Roanoke             | 1.25 <b>29000 G</b>           | 96%      | 1%   | 1%    | 0%     | 1%     | 0%     | F  | 0.09   | F        | 0.554  | 33000 | (  |
|                      | 10.                         | US 11 Williamson Rd           |          |      |       |        |        |        |    |        |          |        |       |    |
| East                 | From:                       | SR 101 TO RT 581 SOUT         | H        |      |       |        |        |        |    |        | _        |        |       |    |
| 101 Ramp             | City of Roanoke (Maint: 80) | 0.30 <b>3500 G</b>            |          |      |       |        |        |        |    | 0.084  | F        |        | 3500  | (  |
| <u> </u>             | 10: I-5                     | 581-S FROM RT 101 EAST00- HER | RSHBERGE | ER   |       |        |        |        |    |        |          |        |       |    |
| East                 | From:                       | SR 101 I-581-N004B FROM & T   | O RT 58  |      |       |        |        |        |    |        | _        |        |       |    |
| 101 Ramp             | City of Roanoke (Maint: 80) | 0.18 <b>1200 G</b>            |          |      |       |        |        |        |    | 0.111  | F        |        | 1200  | (  |
| <u> </u>             | To: I-5                     | 581-N FROM RT 101 EAST00- HER | RSHBERGE | ER   |       |        |        |        |    |        |          |        |       |    |
| Vest                 | From:                       | SR 101 I-581-S004A FR & TO R  | RTE 581  |      |       |        |        |        |    |        |          |        |       |    |
| Ramp                 | City of Roanoke (Maint: 80) | 0.18 <b>7100 G</b>            |          |      |       |        |        |        |    | 0.113  | F        |        | 7100  | (  |
| <u> </u>             | To: I-5                     | 581-S FROM RT 101 WEST00- HEF | RSHBERGI | ER   |       |        |        |        |    |        |          |        |       |    |
| Vest                 | From:                       | SR 101 Hershberger Rd         |          |      |       |        |        |        |    |        |          |        |       |    |
| 101)Ramp             | City of Roanoke (Maint: 80) | 0.27 <b>6300 G</b>            | 98%      | 0%   | 0%    | 0%     | 1%     | 0%     | С  | 0.111  | F        |        | 6300  | (  |
| <u> </u>             | To:                         | I-581 North                   |          |      |       |        |        |        |    |        |          |        |       |    |
|                      | From:                       | Orange Ave                    |          |      |       |        |        |        |    |        |          |        |       |    |
| 115)Hollins Rd       | City of Roanoke             | 1.02 <b>6700 G</b>            | 95%      | 1%   | 1%    | 1%     | 2%     | 0%     | С  | 0.095  | F        | 0.537  | 7100  | (  |
| $\mathcal{L}$        | To:                         | Liberty St                    |          |      |       |        |        |        |    |        |          |        |       |    |
|                      | From:                       | Hollins Rd                    |          |      |       |        |        |        | _  |        | _        |        |       |    |
| 115 Liberty Rd       | City of Roanoke             | 0.30 <b>4200 G</b>            | 95%      | 1%   | 1%    | 1%     | 2%     | 0%     | F  | 0.102  | F        | 0.615  | 4500  | (  |
| <u> </u>             | To:<br>From:                | Plantation Rd Liberty Rd      |          |      |       |        |        |        |    |        |          |        |       |    |
| 115)Plantation Rd    | City of Roanoke             | 0.88 <b>8300 G</b>            | 97%      | 1%   | 1%    | 0%     | 2%     | 0%     | С  | 0.096  | F        | 0.547  | 8800  | (  |
| 115) Taritation No   | Oity of Modificke           |                               | 31 /6    | 1 /0 | 1 /0  | 0 /6   | 2/0    | 0 /6   | O  | 0.030  | '        | 0.547  | 0000  | ,  |
|                      | To-<br>From:                | Hollins Rd                    |          |      |       |        |        |        |    |        | _        |        |       | _  |
| Plantation Rd        | City of Roanoke             | 0.66 <b>14000 G</b>           | 97%      | 0%   | 1%    | 0%     | 1%     | 0%     | С  | 0.097  | F        | 0.521  | 15000 | (  |
| <u> </u>             | 10:                         | NCL Roanoke                   |          |      |       |        |        |        |    |        |          |        |       |    |
|                      | From:                       | SCL Roanoke                   |          |      |       |        |        |        |    |        |          |        |       |    |
| 116)Mt Pleasant Blvd | City of Roanoke             | 0.70 <b>7800 G</b>            | 98%      | 0%   | 1%    | 0%     | 0%     | 0%     | F  | 0.102  | F        | 0.809  | 8300  | (  |
| <u> </u>             | To:                         | Riverland Rd                  |          |      |       |        |        |        |    |        |          |        |       |    |
| Diversed Dd          | City of Poppels             | Mt Pleasant Blvd              | 000/     | 00/  | 10/   | 00/    | 00/    | 00/    | 0  | 0.006  | F        | 0.01   | 0200  | ,  |
| Riverland Rd         | City of Roanoke             | 0.62 <b>8700 G</b>            | 98%      | 0%   | 1%    | 0%     | 0%     | 0%     | С  | 0.096  | Г        | 0.81   | 9300  | (  |
|                      | To:<br>From:                | 9th St                        |          |      |       |        |        |        |    |        |          |        |       |    |
| 116)Riverland Rd     | City of Roanoke             | 0.73 <b>7400 G</b>            | 98%      | 0%   | 1%    | 0%     | 0%     | 0%     | F  | 0.096  | F        | 0.715  | 7900  | (  |
| $\smile$             | To                          | Piedmont St                   |          |      |       |        |        |        |    |        |          |        |       |    |
|                      | From                        | Riverland Rd                  | 0000     | 0-1  |       | 061    | 061    | 061    | _  | 0.4.0  | _        | 0 ==== | 4000  |    |
| 116 Piedmont St      | City of Roanoke             | 0.07 <b>4100 G</b>            | 98%      | 0%   | 1%    | 0%     | 0%     | 0%     | F  | 0.113  | F        | 0.720  | 4300  | (  |
| $\sim$               | To                          | Walnut Ave                    |          |      |       |        |        |        |    |        |          |        |       |    |

### Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

|   |                  |                             |       | _    |                 | Tru    | ıck  |       |    | K      |    | Dir    |       |    |
|---|------------------|-----------------------------|-------|------|-----------------|--------|------|-------|----|--------|----|--------|-------|----|
| Route   | Jurisdiction     | Length AADT QA              | 4Tire | Bus  |                 | 3+Axle |      |       | QC | Factor | QK | Factor | AAWDT | Q۱ |
|   | From:            | Piedmont St                 |       |      |                 |        |      | 221   | _  |        | _  |        |       |    |
| 116) Walnut Ave   | City of Roanoke  | 0.26 <b>5400 G</b>          | 98%   | 0%   | 1%              | 0%     | 0%   | 0%    | С  | 0.101  | F  | 0.614  | 5800  | G  |
|   | From:            | Jefferson St<br>Walnut Ave  |       |      |                 |        |      |       |    |        |    |        |       |    |
| 116)Jefferson St  | City of Roanoke  | 0.42 <b>9700 G</b>          | 98%   | 0%   | 1%              | 0%     | 0%   | 0%    | F  | 0.089  | F  | 0.561  | 10000 | (  |
| 110)  | То:              | Elm Ave                     |       |      |                 |        |      |       |    |        |    |        |       |    |
|   | From:            | US 221; 1US 221-P; 128-8015 | Gap T |      |                 |        |      |       |    |        |    |        |       |    |
| 116)(221)Franklin Rd  | City of Roanoke  | 0.14 <b>5400 G</b>          | 97%   | 1%   | 1%              | 1%     | 0%   | 0%    | F  | 0.128  | F  | 0.693  | 5800  | (  |
|   | To:              | US 11                       |       |      |                 |        |      |       |    |        |    |        |       |    |
| Williamson Dd   | City of Doopoles | Campbell Ave                | 000/  | 0%   | 10/             | 00/    | 00/  | 00/   | F  | 0.000  | F  | 0.514  | 05000 | ,  |
| 116 (11) (221) Williamson Rd  | City of Roanoke  | 0.15 <b>22000 G</b>         | 98%   | 0%   | 1%              | 0%     | 0%   | 0%    | Г  | 0.088  | Г  | 0.514  | 25000 | (  |
|   | To:<br>From:     | Shenandoah Ave              |       |      |                 |        |      |       |    |        |    |        |       |    |
| 116) (11) (221) Williamson Rd   | City of Roanoke  | 0.15 <b>15000 G</b>         | 98%   | 0%   | 1%              | 0%     | 0%   | 0%    | F  | 0.098  | F  | 0.707  | 17000 | (  |
|   | To               | I-581                       |       |      | $\neg$ $\vdash$ |        |      |       |    |        |    |        |       |    |
| 116) (11) (221) Williamson Rd   | City of Roanoke  | 0.50 <b>12000 G</b>         | 99%   | 0%   | 0%              | 0%     | 0%   | 0%    | F  | 0.08   | F  | 0.519  | 12000 | (  |
|   | To:              | US 11                       |       |      |                 |        |      |       |    |        |    |        |       |    |
| ALT ALT   | From:            | US 460                      |       |      |                 |        |      |       |    |        |    |        |       |    |
| 16 460 11 220 Orange Ave  | City of Roanoke  | 0.24 <b>36000 G</b>         | 96%   | 1%   | 1%              | 1%     | 2%   | 0%    | F  | 0.082  | F  | 0.618  | 39000 | •  |
| ALT   | To:<br>From:     | I-581, US 220, ALT SR 22    | 0.0   |      |                 |        |      |       |    |        |    |        |       |    |
| 116 (460) (11) Orange Ave   | City of Roanoke  | 0.90 <b>18000 A</b>         | 96%   | 1%   | 1%              | 1%     | 2%   | 0%    | С  | 0.094  | Α  | 0.501  | 19000 |    |
| ALT   | To:<br>From:     | 10th St, Gainsboro Rd       |       |      |                 |        |      |       |    |        |    |        |       |    |
| 116) (460) (11) Orange Ave  | City of Roanoke  | 1.00 <b>14000 G</b>         | 96%   | 1%   | 1%              | 1%     | 2%   | 0%    | F  | 0.082  | F  | 0.52   | 15000 | (  |
|   | То               | Salem Turnpike              |       |      |                 |        |      |       |    |        |    |        |       |    |
| ALT<br>116)(460) 11 Melrose Ave   | City of Roanoke  | 0.41 <b>12000 G</b>         | 96%   | 1%   | 1%              | 1%     | 2%   | 0%    | F  | 0.085  | F  | 0.506  | 13000 | (  |
| 116 (460) (11) Melrose Ave  | City of Hoarloke |                             | 90%   | 170  | 1 70            | 1 70   | 270  | 0%    | Г  | 0.065  | Г  | 0.506  | 13000 | ,  |
|   | From:            | Melrose Ave                 | 2001  | 201  | - 10′           | 201    | 00/  | 201   | _  | 0.000  | _  | 0.574  | 7000  |    |
| 116 Lafayette Blvd  | City of Roanoke  | 0.73 <b>7400 G</b>          | 98%   | 0%   | 1%              | 0%     | 0%   | 0%    | С  | 0.089  | F  | 0.574  | 7900  | (  |
|   | From:            | Cove Rd<br>Lafayette Blvd   |       |      |                 |        |      |       |    |        |    |        |       |    |
| 116)Cove Rd   | City of Roanoke  | 0.72 <b>11000 G</b>         | 98%   | 0%   | 1%              | 0%     | 0%   | 0%    | F  | 0.083  | F  | 0.509  | 12000 | (  |
| 110) 3013 110   | To:              | SR 101 Hershberger Rd       |       |      |                 | 0,0    | 0 70 | 0 / 0 |    | 0.000  | •  | 0.000  | 000   |    |
|   | From:            | US 11 Brandon Ave           |       |      |                 |        |      |       |    |        |    |        |       |    |
| 117)Peters Creek Rd Ext   | City of Roanoke  | 2.34 <b>15000 G</b>         | 96%   | 1%   | 1%              | 0%     | 1%   | 0%    | F  | 0.092  | F  | 0.529  | 17000 |    |
| 117) I CLOID GICCK THE EXC  | To:              | Aerial Way Dr               | 0070  | 1 /0 |                 | 0 70   | 1 /0 | 0 70  |    | 0.002  |    | 0.020  | 17000 |    |
|   | From:            | Melrose Ave                 |       |      |                 |        |      |       |    |        |    |        |       |    |
| Peters Creek Rd   | City of Roanoke  | 0.46 <b>20000 G</b>         | 96%   | 1%   | 1%              | 0%     | 1%   | 0%    | F  | 0.087  | F  | 0.530  | 23000 | (  |
| $\mathcal{L}_{\mathcal{L}}}}}}}}}}$ | To:              | Harabhuraar D.4             |       |      |                 |        |      |       |    |        |    |        |       |    |
| 117)Peters Creek Rd   | City of Roanoke  | Hershburger Rd 0.87 14000 G | 96%   | 1%   | 1%              | 0%     | 1%   | 0%    | F  | 0.092  | F  | 0.545  | 16000 | (  |
| 117)1 CICIS CIECK FIG   | City of Floanoke |                             | 90 /6 | 1 /0 | 1 /0            | U /0   | 1 /0 | 0 /6  | '  | 0.032  | '  | 0.545  | 10000 | ,  |
|   | To:<br>From:     | Cove Rd                     |       |      |                 |        |      |       |    |        |    |        |       |    |
| Peters Creek Rd   | City of Roanoke  | 1.37 <b>16000 G</b>         | 96%   | 1%   | 1%              | 0%     | 1%   | 0%    | F  | 0.088  | F  | 0.504  | 18000 | (  |
| $\checkmark$  | To:              | I-581                       |       |      |                 |        |      |       |    |        |    |        |       |    |

### Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

|  |  | -                    |                           |         |         |         |  | Tru        | ıck      |          |        | K          |       | Dir    |       |    |
|--|--|----------------------|---------------------------|---------|---------|---------|--|------------|----------|----------|--------|------------|-------|--------|-------|----|
| Route                                    | Jurisdiction                                     | Length A             | AADT                      | QA      | 4Tire   | Bus     | 2Axle  | e 3+Axle   | 1Trail   | 2Trail   | QC     | Factor     | QK    | Factor | AAWDT | QW |
| Dotoro Crook Dd                          | City of Roanoke                                  |                      | I-581                     | _       | 96%     | 1%      | 10/  | 00/        | 10/      | 00/      | 0      | 0.110      | ۸     | 0.506  | 22000 | ۸  |
| 117 Peters Creek Rd                      | Tity of Hoarloke                                 |                      | <b>20000</b><br>L Roanoke | Α .     | 90%     | 1%      | 1%   | 0%         | 1%       | 0%       | С      | 0.112      | Α     | 0.506  | 23000 | Α  |
| East                                     | From:  | SR 117 TO            |                           |         |         |         |  |            |          |          |        |            |       |        |       |    |
| (117)Ramp                                | City of Roanoke (Maint: 80                       |                      | 4000                      | G       |         |         |  |            |          |          |        | 0.104      | F     |        | 4000  | G  |
|  | То:  | I-581-S FROM RT 11   | 7 EAST-P                  | ETERS   | CREEK 1 | R       |  |            |          |          |        |            |       |        |       |    |
| East                                     | From:  | SR 117 I-581-N00     |                           |         | RT 58   |         |  |            |          |          |        |            |       |        |       |    |
| 117 Ramp                                 | City of Roanoke (Maint: 80                       | ,                    | 2000                      | G       | CDEEK   | n       |  |            |          |          |        | 0.124      | F     |        | 2000  | G  |
| 11/                                      | From   | I-581-N FROM RT 11   |                           |         |         | K       |  |            |          |          |        |            |       |        |       |    |
| West<br>117 Ramp                         | City of Roanoke (Maint: 80                       | SR 117 TO<br>0) 0.18 | 4600                      | G       |         |         |  |            |          |          |        | 0.104      | F     |        | 4600  | G  |
| (11) · · · · · · · · · · · · · · · · · · | To:  | I-581-S FROM RT 117  |                           |         | CREEK R | 0       |  |            |          |          |        |            | -     |        |       |    |
| West                                     | From:  | SR 117 TO            | RT 581 N                  | NORTH   | [       |         |  |            |          |          |        |            |       |        |       |    |
| (117)Ramp                                | City of Roanoke (Maint: 80                       | ,                    | 2600                      | G       |         |         |  |            |          |          |        | 0.089      | F     |        | 2600  | G  |
| $\overline{}$                            | Tα:  | I-581-N FROM RT 11   | 7 WEST-F                  | PETER   | S CREEK | R       |  |            |          |          |        |            |       |        |       |    |
|  | From:  |                      | Williamson                |         | 200/    | 40/     |  | 20/        | 201      | 201      | _      | 0.404      | _     | 0.500  | 0.400 | _  |
| 118 Airport Rd                           | City of Roanoke                                  | 0.63                 | 6100                      | G       | 99%     | 1%      | 0%   | 0%         | 0%       | 0%       | F      | 0.104      | F     | 0.566  | 6400  | G  |
| Aircrat Del                              | To:<br>From:                                     |                      | micipal Rd                |         | 000/    | 40/     |  | 00/        | 00/      | 00/      |        | 0.440      |       | 0.544  | 11000 |    |
| 118 Airport Rd                           | City of Roanoke                                  |                      | <b>11000</b><br>L Roanoke | Α .     | 99%     | 1%      | 0%   | 0%         | 0%       | 0%       | С      | 0.116      | Α     | 0.511  | 11000 | Α  |
|  | From:  |                      | L Roanoke                 |         |         |         | <del></del> -                                |            |          |          |        |            |       |        |       |    |
| 220 Franklin Rd                          | City of Roanoke (Maint: 80                       |                      | 36000                     | G       | 87%     | 1%      | 1%   | 1%         | 10%      | 1%       | F      | 0.087      | F     | 0.574  | 37000 | G  |
|  | Т  | BUS US 220;          | · SR 419 F                | lectric | Rd      |         |  |            |          |          |        |            |       |        |       |    |
| 220 Roy Webber Expwy                     | City of Roanoke (Maint: 80                       |                      | 44000                     | G       | 87%     | 1%      | 1%   | 1%         | 10%      | 1%       | F      | NA         |       |        | 46000 | G  |
|  | т.   | V                    | Vonju St                  |         |         |         |  |            |          |          |        |            |       |        |       |    |
| 220 Roy Webber Expwy                     | City of Roanoke (Maint: 80                       |                      | 71000                     | G       | 87%     | 1%      | 1%   | 1%         | 10%      | 1%       | F      | 0.093      | F     | 0.549  | 73000 | G  |
| $\overline{\qquad}$                      | To   | SR 24 F              | Elm Ave; I-               | -581    |         |         | $\neg$ $\vdash$                              |            |          |          |        |            |       |        |       |    |
| 220 (581)                                | City of Roanoke (Maint: 80                       |                      |                           |         | Se      | e I-581 | for di                                       | ectional t | raffic v | olume es | stimat | es for thi | s seg | ment.  |       |    |
|  | Combined Traffic Estimates for 2 Parallel Roadwa | ys on this Route: 6  | 69000                     | G       | 93%     | 1%      | 1%   | 1%         | 4%       | 0%       | F      | 0.092      | F     | 0.538  | 77000 | G  |
|  | To:<br>From:                                     | US 11 V              | Williamsor                | n Rd    |         |         |  |            |          |          |        |            |       |        |       |    |
| 220 581                                  | City of Roanoke (Maint: 80                       | •                    |                           |         | Se      | e I-581 | for di                                       | ectional t | raffic v | olume es | stimat | es for thi | s seg | ment.  |       |    |
| $\hookrightarrow$                        | Combined Traffic Estimates for 2 Parallel Roadwa | ys on this Route: 7  | 72000                     | G       | 93%     | 1%      | 1%   | 1%         | 4%       | 0%       | F      | 0.095      | F     | 0.518  | 80000 | G  |
| ~~~                                      | To:<br>From:                                     |                      | 0 Orange A                | Ave     |         |         |  |            |          |          |        |            |       |        |       |    |
| 220 581                                  | City of Roanoke (Maint: 80                       | ,                    |                           |         |         |         |  | ectional t |          |          |        |            | _     |        |       | _  |
| ~ ~                                      | Combined Traffic Estimates for 2 Parallel Roadwa | ys on this Route:    | 77000                     | Α       | 93%     | 1%      | 1%   | 1%         | 4%       | 0%       | F      | 0.105      | Α     | 0.505  | 82000 | Α  |
|  | To From:   |                      | y View Bl                 | vd      |         | . = . : | <u>,                                    </u> |            | •        |          |        |            |       |        |       |    |
| 220 581                                  | City of Roanoke (Maint: 80                       | •                    |                           | _       |         |         |  | ectional t |          |          |        |            |       |        | 20225 | _  |
|  | Combined Traffic Estimates for 2 Parallel Roadwa | •                    |                           | F D.1   | 93%     | 1%      | 1%   | 1%         | 4%       | 0%       | С      | 0.107      | В     | 0.51   | 68000 | F  |
|  | 10.  | SR 101 I             | Hershberge                | er Ka   |         |         |  |            |          |          |        |            |       |        |       |    |

### Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

| Route   Supplemental   Supplementa |  |  | Oity of Floario                   |       |       | _    |          | Tru  | uck |       |    | K     |    | Dir   |       |    |
|--|--|--|-----------------------------------|-------|-------|------|----------|------|-----|-------|----|-------|----|-------|-------|----|
| Combined Traffic Estimates for Parallel Radoways on the Role   S4000   | Route                                      | Jurisdiction   | Length <b>AADT</b>                | QA    | 4Tire | Bus  |          |      |     |       | QC |       | QK |       | AAWDT | QW |
| Combined Traific Estimates for 2 Parallel Roadways on this Roadies   Salot 1 Passes   Salot 1   Passes   S | ~~~  | From:  |                                   | er Rd |       |      | <u>,</u> |      |     |       |    |       |    |       |       |    |
| SS 117 Pers    | 220 581                                    | ,  |                                   |       |       |      |          |      |     |       |    |       |    |       | 50000 |    |
| No.   City of Roancke (Main: 80)   0.10   6400   0.10   6400   0.10   6400   0.10   6400   0.10   6400   0.10   6400   0.10   6400   0.10   6400   0.10   6400   0.10   6400   0.10   6400   0.10   6400   0.10   6400   0.10    |  | Combined Traffic Estimates for 2 Parallel Roadways o |                                   |       | 93%   | 1%   | 1%       | 1%   | 4%  | 0%    | F  | 0.109 | А  | 0.533 | 59000 | Α  |
| City of Raanoke   Maint: 80   0.10   640   0   0   0   0   0   0   0   0   0   | North                                      | From:  |                                   |       | FFT   |      |          |      |     |       |    |       |    |       |       |    |
| SR 24 TO RT 58 IN 8 F   To R | 220 Ramp                                   | City of Roanoke (Maint: 80)                          |                                   |       | JL 1  |      |          |      |     |       |    | 0.09  | F  |       | 6400  | G  |
| Supplemental   City of Roanoke   Maint: 80)   0.27   22000   Ca   98%   0%   1%   0%   0%   0%   0%   0%   0   |  | Tα   | SR 24 TO RT 581 I                 | N&F   |       |      |          |      |     |       |    |       |    |       |       |    |
| Pearer   P | Bus  | Fron:  |                                   |       |       |      |          |      |     |       |    |       |    |       |       |    |
| Second   City of Roanoke   1.28   16000   G   98%   0%   1%   0%   0%   0%   F   0.084   F   0.575   17000   | E220 Franklin Rd                           | City of Roanoke (Maint: 80)                          | 0.27 <b>22000</b>                 | G     | 98%   | 0%   | 1%       | 0%   | 0%  | 0%    | С  | 0.086 | F  | 0.503 | 23000 | G  |
| Second   Franklin Rd   City of Roanoke   1.26   16.00   G   98%   0%   1%   0%   0%   0%   0%   0%   0   | Bus  | To:<br>From:   | Penarth Road                      |       |       |      |          |      |     |       |    |       |    |       |       |    |
| Bus  | 220 Franklin Rd                            | City of Roanoke                                      | 1.26 <b>16000</b>                 | G     | 98%   | 0%   | 1%       | 0%   | 0%  | 0%    | F  | 0.084 | F  | 0.575 | 17000 | G  |
| City of Roanoke   0.38   10000   G   98%   0%   1%   0%   0%   0%   0%   0%   0  | Dura.                                      | To<br>From   | 128-3 Wonju S                     | St    |       |      | $\Box$   |      |     |       |    |       |    |       |       |    |
| Substitution   Subs | 220 Franklin Rd                            | City of Roanoke                                      | 0.38 10000                        | G     | 98%   | 0%   | 1%       | 0%   | 0%  | 0%    | F  | 0.089 | F  | 0.593 | 11000 | G  |
| Substitution   City of Roanoke   City of Roano | 220  | To.  |                                   |       |       |      |          | -,-  |     | * / * |    |       |    |       |       |    |
| 128-8015; LS81 Underpass   128-8015; LS81 Unde | Bus Franklin Dd                            | From:  |                                   |       | 000/  | 00/  | 10/      | 00/  | 00/ | 00/   | _  | 0.000 | _  | 0.500 | 0000  | _  |
| 1-581, US 220, ALT SR 220    | 220 Franklin Ho                            | Tro  |                                   | -     | 98%   | 0%   | 1%       | 0%   | 0%  | 0%    | Г  | 0.089 | г  | 0.563 | 9300  | G  |
| City of Roanoke   City of Ro | ΔΙΤ ΔΙΤ                                    | From:  |                                   |       |       |      |          |      |     |       |    |       |    |       |       |    |
| ALT   City of Roanoke   0.49   41000   G   96%   1%   1%   2%   0%   F   0.078   F   0.575   45000   |  | e Ave City of Roanoke                                |                                   |       | 96%   | 1%   | 1%       | 1%   | 2%  | 0%    | F  | 0.082 | F  | 0.618 | 39000 | G  |
| City of Roanoke   0.49   41000   G   96%   1%   1%   2%   0%   F   0.078   F   0.575   45000   | $\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc$ | To   | US 11 Williamsor                  | ı Rd  |       |      |          |      |     |       |    |       |    |       |       |    |
| ALT  | ALT Orange Ave                             | City of Roznoke                                      |                                   |       | 96%   | 1%   | 1%       | 1%   | 2%  | 0%    | F  | 0 078 | F  | 0 575 | 45000 | G  |
| City of Roanoke 1.14 40000 G 94% 0% 1% 1% 4% 0% F 0.076 F 0.569 42000    ALT   24th St   | 220/(460)(221) Orange Ave                  | Trol   |                                   |       | 30 70 | 1 /0 | 170      | 1 /0 | 270 | 0 70  | •  | 0.070 | '  | 0.575 | 43000 | G  |
| ALT  | ALT  | From:  |                                   |       | 2.424 |      |          |      |     | 221   |    |       | _  |       |       |    |
| ALT 220 460 221 Orange Ave City of Roanoke 1.17 32000 G 94% 0% 1% 1% 4% 0% F 0.075 F 0.530 33000  ALT 28-8055 King St  | 220 460 221 Orange Ave                     | City of Roanoke                                      | 1.14 <b>40000</b>                 | G     | 94%   | 0%   | 1%       | 1%   | 4%  | 0%    | F  | 0.076 | F  | 0.569 | 42000 | G  |
| 128-8055 King St   |  | To:<br>From:   | 24th St                           |       |       |      | _        |      |     |       |    |       |    |       |       |    |
| City of Roanoke   0.38   38000   G   94%   0%   1%   1%   4%   0%   F   0.078   F   0.529   40000  | 220 (460) (221) Orange Ave                 | City of Roanoke                                      | 1.17 <b>32000</b>                 | G     | 94%   | 0%   | 1%       | 1%   | 4%  | 0%    | F  | 0.075 | F  | 0.530 | 33000 | G  |
| City of Roanoke   0.38   3800   G   94%   0%   1%   1%   4%   0%   F   0.078   F   0.529   40000   | ALT  | Too<br>From:   | 128-8055 King                     | St    |       |      |          |      |     |       |    |       |    |       |       |    |
| Roanoke County Line   WCL Roanoke   WCL Roanoke   WCL Roanoke    | 220 460 221 Orange Ave                     | City of Roanoke                                      | 0.38 <b>38000</b>                 | G     | 94%   | 0%   | 1%       | 1%   | 4%  | 0%    | F  | 0.078 | F  | 0.529 | 40000 | G  |
| Standbleton Ave   City of Roanoke   1.39   13000   G   99%   0%   1%   0%   0%   0%   C   0.102   F   0.626   14000  |  | To:  | Roanoke County l                  | Line  |       |      |          |      |     |       |    |       |    |       |       |    |
| City of Roanoke   City of Ro | ~~~  | From:  |                                   |       |       |      |          |      |     |       |    |       |    |       |       |    |
| City of Roanoke   0.52   7500   G   99%   0%   1%   0%   0%   0%   F   0.107   F   0.636   8000  | Brambleton Ave                             | City of Roanoke                                      | 1.39 <b>13000</b>                 | G     | 99%   | 0%   | 1%       | 0%   | 0%  | 0%    | С  | 0.102 | F  | 0.626 | 14000 | G  |
| Brandon Ave       Brandon Ave  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~     | To:<br>From:   |                                   |       |       |      |          |      |     |       |    |       |    |       |       |    |
| City of Roanoke   1.19   8700   G   99%   0%   1%   0%   0%   0%   F   0.098   F   0.627   9200  | Brambleton Ave                             | City of Roanoke                                      | 0.52 <b>7500</b>                  | G     | 99%   | 0%   | 1%       | 0%   | 0%  | 0%    | F  | 0.107 | F  | 0.636 | 8000  | G  |
| Sth St   St   St   St   St   St   St   | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~     | From:  |                                   |       | 222/  | 00/  |          | 00/  | 00/ | 00/   |    | 0.000 |    | 0.00= | 0005  |    |
| (221) Elm Ave City of Roanoke 0.46 <b>11000 G</b> 97% 1% 1% 0% 0% C 0.093 F 0.663 11000  | 221 Main St                                | City of Roanoke                                      |                                   | G     | 99%   | 0%   | 1%       | υ%   | υ%  | 0%    | ۲  | 0.098 | ۲  | 0.627 | 9200  | G  |
| ·  |  | To From:   |                                   |       | 0701  | 461  |          | 401  | 001 | 00′   |    | 0.000 |    | 0.000 | 11000 |    |
|  | 221 Elm Ave                                | City of Roanoke                                      | 0.46 <b>11000</b> US 220 Franklin | -     | 9/%   | 1%   | 1%       | 1%   | υ%  | 0%    | C  | 0.093 | F  | 0.663 | 11000 | G  |

#### Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

|                                   |   |                          |             |       |      |        | Tru    | ck  |       |     | K      |        | Dir    |        |    |
|-----------------------------------|---|--------------------------|-------------|-------|------|--------|--------|-----|-------|-----|--------|--------|--------|--------|----|
| Route                             | Jurisdiction                                      | Length AAD               | T QA        | 4Tire | Bus  |        | 3+Axle |     |       | QC  | Factor | QK     | Factor | AAWDT  | Q1 |
| ~~                                | From:   | US 220 Fran              |             | .=./  |      |        |        |     |       | _   |        | _      |        |        |    |
| Elm Ave                           | City of Roanoke                                   | 0.30 <b>780</b>          |             | 97%   | 1%   | 1%     | 1%     | 0%  | 0%    | F _ | 0.087  | F<br>- | 0.500  | 8400   | (  |
| C                                 | combined Traffic Estimates for 2 Parallel Roadway |                          |             | 98%   | 0%   | 1%     | 0%     | 0%  | 0%    | F   | 0.094  | F      | 0.622  | 17000  | (  |
|                                   | From:   | SR 24, SI<br>SR 116 US 2 |             |       |      | -      |        |     |       |     |        |        |        |        |    |
| 221 116 Franklin Rd               | City of Roanoke                                   | 0.14 <b>540</b>          |             | 97%   | 1%   | 1%     | 1%     | 0%  | 0%    | F   | 0.128  | F      | 0.693  | 5800   | (  |
| 110                               | Τα:   | Williamse                |             |       |      |        |        |     | - , - |     |        |        |        | -      |    |
| ~~                                | From:   | Franklir                 | n Rd        |       |      |        |        |     |       |     |        |        |        |        |    |
| 21 Williamson Rd                  | City of Roanoke                                   | 0.14 <b>540</b>          |             | 97%   | 1%   | 1%     | 1%     | 0%  | 0%    | Ν   | 0.128  | Ν      | 0.693  | 5800   |    |
| <u> </u>                          | To:   | US 11 Sale               |             |       |      |        |        |     |       |     |        |        |        |        |    |
| 21) (11) (116) Williamson Rd      | City of Roanoke                                   | Salem A                  |             | 98%   | 0%   | <br>1% | 0%     | 0%  | 0%    | F   | 0.088  | F      | 0.514  | 25000  |    |
| 21) (11) (116) Williamson Rd      | City of hoarloke                                  | 0.15 <b>2200</b>         | 10 G        | 90%   | 076  | 1 70   | 0%     | 0%  | 0%    | Г   | 0.000  | Г      | 0.514  | 23000  | (  |
| ~~~~~~~~~~~                       | To:<br>From:                                      | Shenandoa                |             |       |      |        |        |     |       |     |        | _      |        |        |    |
| (21) (11) (116) Williamson Rd     | City of Roanoke                                   | 0.15 <b>1500</b>         | 00 G        | 98%   | 0%   | 1%     | 0%     | 0%  | 0%    | F   | 0.098  | F      | 0.707  | 17000  |    |
| ~ ~ ~                             | To-<br>From:                                      | I-58                     | 1           |       |      |        |        |     |       |     |        |        |        |        |    |
| 221) (11) (116) Williamson Rd     | City of Roanoke                                   | 0.50 <b>1200</b>         | 00 G        | 99%   | 0%   | 0%     | 0%     | 0%  | 0%    | F   | 0.08   | F      | 0.519  | 12000  |    |
| ~ · · ·                           | To  | US 460                   | 0 S         |       |      | $\neg$ |        |     |       |     |        |        |        |        |    |
| ALT<br>(221)(460)(220) Orange Ave | City of Poppeko                                   | 0.49 4100                |             | 96%   | 1%   | 1%     | 1%     | 2%  | 0%    | F   | 0.078  | F      | 0.575  | 45000  |    |
| 21 (460) (220 Orange Ave          | City of Roanoke                                   | 0.49 4100                | 10 G        | 90%   | I 70 | 1 70   | 170    | 270 | 0%    | Г   | 0.076  | Г      | 0.575  | 43000  |    |
| ALT                               | To:<br>From:                                      | SR 115 Ho                | llins Rd    |       |      |        |        |     |       |     |        |        |        |        |    |
| 21 (460)(220) Orange Ave          | City of Roanoke                                   | 1.14 <b>400</b> 0        | 00 G        | 94%   | 0%   | 1%     | 1%     | 4%  | 0%    | F   | 0.076  | F      | 0.569  | 42000  |    |
| $\sim$                            | To:   | 24th 5                   | St          |       |      |        |        |     |       |     |        |        |        |        |    |
| ALT                               | City of Decrease                                  |                          |             | 0.40/ | 00/  | 40/    | 40/    | 40/ | 00/   | _   | 0.075  | _      | 0.500  | 00000  |    |
| 21 460 220 Orange Ave             | City of Roanoke                                   | 1.17 <b>320</b> 0        | 00 G        | 94%   | 0%   | 1%     | 1%     | 4%  | 0%    | F   | 0.075  | F      | 0.530  | 33000  | (  |
| ALT                               | To:<br>From:                                      | 128-8055 1               | King St     |       |      |        |        |     |       |     |        |        |        |        |    |
| 221 (460)(220) Orange Ave         | City of Roanoke                                   | 0.38 <b>3800</b>         | 00 G        | 94%   | 0%   | 1%     | 1%     | 4%  | 0%    | F   | 0.078  | F      | 0.529  | 40000  |    |
|                                   | To:   | ECL Roa                  | ınoke       |       |      |        |        |     |       |     |        |        |        |        |    |
|                                   | From:   | US 221 EI                | m Ave       |       |      |        |        |     |       |     |        |        |        |        |    |
| Franklin Rd                       | City of Roanoke                                   | 0.40 <b>800</b>          |             | 99%   | 0%   | 1%     | 0%     | 0%  | 0%    | F   | 0.118  | F      | 0.668  | 8500   |    |
| P /                               | combined Traffic Estimates for 2 Parallel Roadway | s on this Route: 1600    | 00 G        | 98%   | 0%   | 1%     | 0%     | 0%  | 0%    | F   | 0.094  | F      | 0.622  | 17000  |    |
|                                   | To:   | US 221, SR 116           | Jefferson S | t     |      |        |        |     |       |     |        |        |        |        |    |
|                                   | From:   | US 220; Bus US 2         | 20 Franklin | Rd    |      |        |        |     |       |     |        |        |        |        |    |
| 19)Electric Rd                    | City of Roanoke (Maint: 80)                       | 0.07 4300                | 0 G         | 99%   | 0%   | 0%     | 0%     | 0%  | 0%    | F   | 0.083  | F      | 0.555  | 47000  |    |
|                                   | To:   | Roanoke Cor              | unty Line   |       |      |        |        |     |       |     |        |        |        |        |    |
| ALT                               | From:   | ECL Sa                   | lem         |       |      |        |        |     |       |     |        |        |        |        |    |
| Melrose Ave                       | City of Roanoke                                   | 0.65 1600                |             | 96%   | 1%   | 1%     | 1%     | 2%  | 0%    | F   | 0.084  | F      | 0.516  | 17000  |    |
| <del></del>                       | Tα  | SR 117 Peters            | Creek Rd    |       |      | —      |        |     |       |     |        |        |        |        |    |
| ALT                               | From:   |                          |             | 000/  | 40/  |        | 40/    | 00/ | 00/   | _   | 0.005  | _      | 0.500  | 4 4000 |    |
| Melrose Ave                       | City of Roanoke                                   | 1.75 <b>1300</b>         | 00 G        | 96%   | 1%   | 1%     | 1%     | 2%  | 0%    | F   | 0.085  | F      | 0.508  | 14000  | (  |
| ALT                               | To:<br>From:                                      | 24th 3                   | St          |       |      |        |        |     |       |     |        |        |        |        |    |
| 460 (11) (116) Melrose Ave        | City of Roanoke                                   | 0.41 <b>1200</b>         | 00 G        | 96%   | 1%   | 1%     | 1%     | 2%  | 0%    | F   | 0.085  | F      | 0.506  | 13000  | (  |
| 100                               | To:   | Salem T                  |             |       |      |        |        |     |       | •   |        |        |        |        | •  |

#### Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

| Jurisdicti<br>From<br>City of Roa        | on<br>  | Length  | AADT                         | QA                                   | 4Tire                                    | Bus  | 04.1   |        |   |  | QC   |        | QK  |        | AAWDT                        | -  |
|--|---|---|------------------------------|--------------------------------------|--|--|--|--------|---|--|--|--------|-----|--------|------------------------------|--|
| City of Roa                              | m:  |   |                              |                                      |  |  | 2Axie  | 3+Axie | 1Trail  | 21 rail  |  | Factor |     | Factor | 7011101                      | QVV  |
| (Jity of Roal                            | <u> </u>  |   | Salem Tpke                   |                                      | 000/                                     | 40/  | 10/  | 40/    | 00/   | 00/  | _  | 0.000  | _   | 0.50   | 45000                        |  |
| Sity of Flods                            | noke  | 1.00  | 14000                        | G                                    | 96%                                      | 1%   | 1%   | 1%     | 2%  | 0%   | F  | 0.082  | F   | 0.52   | 15000                        | G  |
| T.<br>From                               | ro:<br>m:   | 10th  | St, Gainsbo                  | ro Rd                                |  |  |  |        |   |  |  |        |     |        |                              |  |
| City of Roa                              | noke  | 0.90  | 18000                        | Α                                    | 96%                                      | 1%   | 1%   | 1%     | 2%  | 0%   | С  | 0.094  | Α   | 0.501  | 19000                        | Α  |
| T.<br>Frot                               | For<br>m:   | I-581, U  | S 220, ALT                   | SR 220                               | )  |  |  |        |   |  |  |        |     |        |                              |  |
| Ave City of Roa                          | noke  | 0.24  | 36000                        | G                                    | 96%                                      | 1%   | 1%   | 1%     | 2%  | 0%   | F  | 0.082  | F   | 0.618  | 39000                        | G  |
| т.                                       | To:   | US 1  | 1 Williamso                  | on Rd                                |  |  |  |        |   |  |  |        |     |        |                              |  |
| City of Boa                              | noke  |   |                              |                                      | 96%                                      | 1%   | 1%   | 1%     | 2%  | N%   | F  | 0.078  | F   | 0 575  | 45000                        | G  |
| only of riod                             | Tool Co   |   |                              |                                      | 30 70                                    | 1 /0   | 1 /0   | 1 /0   | 270   | 0 70   |  | 0.070  | •   | 0.575  | +3000                        | a  |
| From                                     | m:  |   |                              |                                      |  |  |  |        |   |  |  |        |     |        |                              |  |
| City of Roal                             | noke  | 1.14  | 40000                        | G                                    | 94%                                      | 0%   | 1%   | 1%     | 4%  | 0%   | F  | 0.076  | F   | 0.569  | 42000                        | G  |
| T.<br>From                               | For<br>m:   |   | 24th St                      |                                      |  |  |  |        |   |  |  |        |     |        |                              |  |
| City of Roa                              | noke  | 1.17  | 32000                        | G                                    | 94%                                      | 0%   | 1%   | 1%     | 4%  | 0%   | F  | 0.075  | F   | 0.530  | 33000                        | G  |
| T.<br>Froe                               | ro:<br>m:   | 128   | 8-8055 King                  | g St                                 |  |  |  |        |   |  |  |        |     |        |                              |  |
| City of Roa                              | noke  | 0.38  | 38000                        | G                                    | 94%                                      | 0%   | 1%   | 1%     | 4%  | 0%   | F  | 0.078  | F   | 0.529  | 40000                        | G  |
| т  | Го:   | Roan  | oke County                   | Line                                 |  |  |  |        |   |  |  |        |     |        |                              |  |
| Fron                                     | m:  | US 460  | TO RT 581                    | SOUTH                                | I  |  |  |        |   |  |  |        |     |        |                              |  |
| City of Roanoke                          | `   | 0.14  | 3400                         | G                                    |  |  |  |        |   |  |  | 0.105  | F   |        | 3400                         | G  |
| P  | 1-581-S   |   |                              |                                      |  | NU   |  |        |   |  |  |        |     |        |                              |  |
| City of Boanoke                          | (Maint: 80)   |   |                              |                                      | ·  |  |  |        |   |  |  | 0 147  | F   |        | 3000                         | G  |
| only of Hoanoke (                        | `   |   |                              |                                      | IGE AVE                                  | NU   |  |        |   |  |  | 0.147  | '   |        | 3000                         | ď  |
| From                                     | m:  |   |                              |                                      |  |  |  |        |   |  |  |        |     |        |                              |  |
| City of Roanoke (                        | (Maint: 80)   | 0.09  | 8200                         | G                                    |  |  |  |        |   |  |  | 0.091  | F   |        | 8200                         | G  |
| Т  | T-581-S   | FROM RT 4   | 60 WEST00                    | - ORAN                               | IGE AVE                                  | NU   |  |        |   |  |  |        |     |        |                              |  |
| From                                     | m:  |   |                              |                                      | I  |  |  |        |   |  |  |        |     |        |                              |  |
| City of Roanoke (                        | ` <u> </u>  |   |                              |                                      | ICE AVE                                  | NILI   |  |        |   |  |  | 0.094  | F   |        | 12000                        | G  |
| From                                     | •   |   |                              |                                      |  | NU   |  |        |   |  |  |        |     |        |                              |  |
| City of Boanoke                          |   |   |                              |                                      |  | 1%   | 1%   | 1%     | 4%  | 0%   | F  | 0.09   | F   |        | 39000                        | G  |
| · · · · · · · · · · · · · · · · · · ·    | ,   |   |                              |                                      |  |  |  |        |   |  | F  |        | F   | 0.538  |                              | G  |
| т.                                       | Too.  |   |                              |                                      |  |  |  |        |   |  |  |        |     |        |                              |  |
| City of December 1                       | (Maint, SO)   |   |                              |                                      | 0.40/                                    | 10/  | 10/  | 10/    | 40/   | 00/  | _  | 0.000  | _   |        | 42000                        |  |
| -  | ,   |   |                              |                                      |  |  |  |        |   |  | F  |        | •   | 0.510  |                              | G<br>G   |
| Johnshied Hamic Estimates for 2 Paralle  | n noauways on t   |   |                              |                                      | 33%                                      | 170  | 170  | 1 7o   | 4%  | U%   | Г  | 0.095  | r   | 0.518  | 00000                        | G  |
| T.<br>From                               | m:  |   |                              | Ave                                  |  |  |  |        |   |  |  |        |     |        |                              |  |
|  |   | 1.68  | 39000                        | Α                                    | 94%                                      | 1%   | 1%   | 1%     | 4%  | 0%   | F  | 0.108  | Α   |        | 41000                        | Α  |
| Combined Traffic Estimates for 2 Paralle | l Roadways on t   |   | 77000<br>lley View B         | Α                                    | 93%                                      | 1%   | 1%   | 1%     | 4%  | 0%   | F  | 0.105  | Α   | 0.505  | 82000                        | Α  |
|  | City of Roanoke | City of Roanoke    Total   From   City of Roanoke | Ave   City of Roanoke   0.24 | Ave   City of Roanoke   0.24   36000 | Ave   City of Roanoke   0.24   36000   G | Parison   Library   Libr | City of Roanoke   City of Ro | Ave    | Ave   City of Roanoke   0.24   36000   G   96%   1%   1%   1%   1%   1%   1%   1% | LSRI, US 220, ALT SR 220   LSRI you have   City of Roanoke   0.24   36000   G   96%   1%   1%   1%   2%   2%   LSRI   Williamson Rd     US II   Williamson Rd   US II   Williamson | Section   Sect | Ave    | Ave | Ave    | 1-581_US_20_ALT_SR_20    Ave | Part   City of Roanoke   Cit |

### Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

|                         |  |                         | or Roand                   |         |            |          |          | Tru      | ıck      |          |    | K              |        | Dir     |                |        |
|-------------------------|--|-------------------------|----------------------------|---------|------------|----------|----------|----------|----------|----------|----|----------------|--------|---------|----------------|--------|
| Route                   | Jurisdictio  | on Length               | AADT                       | QA      | 4Tire      | Bus      |          | 3+Axle   |          |          | QC | Factor         | QK     | Factor  | AAWDT          | QW     |
| North                   | From:  | Va                      | lley View Bl               | vd      |            |          |          |          |          |          |    |                |        |         |                |        |
| 581)(220)               | City of Roanoke (I   | Maint: 80) 1.11         | 31000                      | F       | 94%        | 1%       | 1%       | 1%       | 4%       | 0%       | С  | 0.11           | В      |         | 34000          | F      |
|                         | Combined Traffic Estimates for 2 Parallel                    | Roadways on this Route: | 61000                      | F       | 93%        | 1%       | 1%       | 1%       | 4%       | 0%       | С  | 0.107          | В      | 0.51    | 68000          | F      |
| North                   | To:<br>From:   | SR 10                   | 1 Hershberg                | er Rd   |            |          |          |          |          |          |    |                |        |         |                |        |
| North (220)             | City of Roanoke (I   | Maint: 80) 1.75         | 27000                      | Α       | 94%        | 1%       | 1%       | 1%       | 4%       | 0%       | F  | 0.115          | Α      |         | 30000          | Α      |
| 301/(220)               | Combined Traffic Estimates for 2 Parallel                    | •                       |                            | A       | 93%        | 1%       | 1%       | 1%       | 4%       | 0%       | F  | 0.109          | Α      | 0.533   | 59000          | Α      |
|                         | To:  |                         | 7 Peters Cre               |         |            | .,.      |          | .,,      | .,.      |          |    |                |        |         |                |        |
| North                   | From:  |                         | I-581 North                |         |            |          |          |          |          |          |    |                |        |         |                |        |
| Ramp                    | City of Roanoke (I   | Maint: 80) 0.18         | 8700                       | G       |            |          |          |          |          |          |    | 0.086          | F      |         | 8700           | G      |
| <u> </u>                | To:  | US 4                    | 60 E, Orange               | e Ave   |            |          |          |          |          |          |    |                |        |         |                |        |
| lorth                   | From:  |                         | I-581 North                |         |            |          |          |          |          |          |    |                |        |         |                |        |
| Ramp                    | City of Roanoke (  |                         | 3300                       | G       |            |          |          |          |          |          |    | 0.107          | F      |         | 3300           | G      |
| <u> </u>                | To:  |                         | 0 W, Orange                | e Ave   |            |          |          |          |          |          |    |                |        |         |                |        |
| North                   | From:  |                         | I-581 North                |         | 000/       | 00/      | 20/      | 00/      | 00/      | 00/      | _  | 0.000          | _      |         | 0000           | _      |
| Ramp to Valley View Blv | d City of Roanoke (I   |                         | 7700                       | G       | 99%        | 0%       | 0%       | 0%       | 0%       | 0%       | С  | 0.099          | F      |         | 8200           | G      |
|                         | 100  |                         | lley View Bl               | va      |            |          |          |          |          |          |    |                |        |         |                |        |
| North<br>581 Ramp       | City of Roanoke (I   |                         | I-581 North<br><b>7900</b> | G       |            |          |          |          |          |          |    | 0.093          | F      |         | 7900           | G      |
| 581 Hamp                | City of Hoarloke (I  |                         | E, Hershber                |         |            |          |          |          |          |          |    | 0.033          | '      |         | 7 900          |        |
| North                   | From:  |                         | I-581 North                | ger rea |            |          |          |          |          |          |    |                |        |         |                |        |
| North<br>581 Ramp       | City of Roanoke (I   |                         | 3600                       | G       |            |          |          |          |          |          |    | 0.093          | F      |         | 3600           | G      |
| 561)1141119             | To:  |                         | W, Hershber                |         |            |          |          |          |          |          |    | 0.000          | •      |         | 0000           | Ŭ      |
| North                   | From:  |                         | I-581 North                |         |            |          |          |          |          |          |    |                |        |         |                |        |
| Ramp                    | City of Roanoke (I   |                         | 4900                       | G       |            |          |          |          |          |          |    | 0.111          | F      |         | 4900           | G      |
|                         | To:  | SR 117                  | E, Peters Cr               | eek Rd  |            |          |          |          |          |          |    |                |        |         |                |        |
| North                   | From:  |                         | I-581 North                |         |            |          |          |          |          |          |    |                |        |         |                |        |
| Ramp                    | City of Roanoke (I   |                         | 3900                       | G       |            |          |          |          |          |          |    | 0.107          | F      |         | 3900           | G      |
| $\smile$                | То:  | SR 117                  | W, Peters C                | reek Rd |            |          |          |          |          |          |    |                |        |         |                |        |
| South                   | From:  | SR 24 Elm A             |                            |         |            |          |          |          |          |          |    |                |        |         |                |        |
| 581 (220)               | City of Roanoke (I   | ,                       | 34000                      | G       | 93%        | 1%       | 1%       | 1%       | 5%       | 0%       | F  | 0.101          | F      |         | 38000          | G      |
| $\circ$                 | Combined Traffic Estimates for 2 Parallel                    | Roadways on this Route: | 69000                      | G       | 93%        | 1%       | 1%       | 1%       | 4%       | 0%       | F  | 0.092          | F      | 0.538   | 77000          | C      |
| outh                    | To:<br>From:   | US 1                    | 1 Williamson               | n Rd    |            |          |          |          |          |          |    |                |        |         |                |        |
| 581) 220                | City of Roanoke (I   | Maint: 80) 0.45         | 33000                      | G       | 93%        | 1%       | 1%       | 1%       | 5%       | 0%       | F  | 0.099          | F      |         | 37000          | G      |
|                         | Combined Traffic Estimates for 2 Parallel                    | •                       | 72000                      | G       | 93%        | 1%       | 1%       | 1%       | 4%       | 0%       | F  | 0.095          | F      | 0.518   | 80000          | G      |
|                         | To:  |                         | 460 Orange                 | Ave     |            |          |          |          |          |          |    |                |        |         |                |        |
| South                   | City of Daniels //   | <u> </u>                |                            |         | 020/       | 10/      | 10/      | 10/      | E0/      | 00/      | _  | 0.100          | ۸      |         | 41000          |        |
| 581 220                 | City of Roanoke (I Combined Traffic Estimates for 2 Parallel | •                       | 38000                      | A<br>A  | 93%<br>93% | 1%<br>1% | 1%<br>1% | 1%<br>1% | 5%<br>4% | 0%<br>0% | F  | 0.102<br>0.105 | A<br>A | 0.505   | 41000<br>82000 | A<br>A |
|                         | Louininga Trame Estimates for 2 Parallal                     | BUSUMANS ON THIS ROLLY. | / / / 1 11 11 1            | Λ       |            |          |          |          |          |          |    |                | Δ      | 11 5115 | */000          |        |

#### Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

| Route                      | Jurisdiction                                       | Longth           | AADT                | QA           | 4Tire | Puo |       | Tru    | ck          |        | QC | K      | QK | Dir    | AAWDT  | OW/ |
|----------------------------|--|------------------|---------------------|--------------|-------|-----|-------|--------|-------------|--------|----|--------|----|--------|--------|-----|
| noute                      | Junsaiction  | Lengin           | AADI                | QA           | 41116 | Bus | 2Axle | 3+Axle | 1Trail      | 2Trail | QC | Factor | QK | Factor | AAWDI  | QVV |
| South                      | From:  |                  | ılley View B        |              | 000/  | 40/ | 10/   | 40/    | <b>5</b> 0/ | 00/    | _  | 0.400  | _  |        | 0.4000 | _   |
| 581 220                    | City of Roanoke (Maint: 80)                        | 1.49             | 30000               | F            | 93%   | 1%  | 1%    | 1%     | 5%          | 0%     | С  | 0.108  | В  | 0.54   | 34000  | -   |
|                            | Combined Traffic Estimates for 2 Parallel Roadways | s on this Route: | 61000               | F            | 93%   | 1%  | 1%    | 1%     | 4%          | 0%     | С  | 0.107  | В  | 0.51   | 68000  | F   |
| South                      | To:<br>From:                                       | SR 10            | 1 Hershberg         | ger Rd       |       |     |       |        |             |        |    |        |    |        |        |     |
| 581)(220)                  | City of Roanoke (Maint: 80)                        | 1.33             | 27000               | Α            | 93%   | 1%  | 1%    | 1%     | 5%          | 0%     | F  | 0.114  | Α  |        | 30000  | Α   |
| $\bigcirc\bigcirc\bigcirc$ | Combined Traffic Estimates for 2 Parallel Roadways | s on this Route: | 54000               | Α            | 93%   | 1%  | 1%    | 1%     | 4%          | 0%     | F  | 0.109  | Α  | 0.533  | 59000  | Α   |
|                            | То:  | 1                | NCL Roanok          | e            |       |     |       |        |             |        |    |        |    |        |        |     |
| South (581) Ramp           | From:  |                  | I-581 South         |              |       |     |       |        |             |        |    |        |    |        |        |     |
| (581) Ramp                 | City of Roanoke (Maint: 80)                        | 0.09             | 11000               | G            |       |     |       |        |             |        |    | 0.084  | F  |        | 11000  | G   |
| <u> </u>                   | 10:  |                  | 24 Elm Ave          |              |       |     |       |        |             |        |    |        |    |        |        |     |
| South                      | City of Roanoke (Maint: 80)                        | 0.08             | I-581 South<br>6100 | G            |       |     |       |        |             |        |    | 0.141  | F  |        | 6100   | 0   |
| 581 Ramp                   | City of Roanoke (Maint. 80)                        |                  | th Exit 2A R        |              | dit   |     | _     |        |             |        |    | 0.141  | Г  |        | 6100   | G   |
| Courth                     | From:  |                  | I-581 South         |              | , int |     |       |        |             |        |    |        |    |        |        |     |
| South (581) Ramp           | City of Roanoke (Maint: 80)                        | 0.13             | 7000                | G            |       |     |       |        |             |        |    | 0.083  | F  |        | 7000   | G   |
| 301) **                    | Τα   |                  | 60 E, Orang         |              |       |     |       |        |             |        |    |        |    |        |        |     |
| South                      | From:  |                  | I-581 South         |              |       |     |       |        |             |        |    |        |    |        |        |     |
| (581)Ramp                  | City of Roanoke (Maint: 80)                        | 0.13             | 2600                | G            |       |     |       |        |             |        |    | 0.089  | F  |        | 2600   | G   |
| $\overline{}$              | Tα   | US 40            | 60 W, Orang         | ge Ave       |       |     |       |        |             |        |    |        |    |        |        |     |
| South                      | From:  |                  | I-581 South         |              |       |     |       |        |             |        |    |        |    |        |        |     |
| 581 Ramp                   | City of Roanoke (Maint: 80)                        | 0.20             | 5800                | G            |       |     |       |        |             |        |    | 0.093  | F  |        | 5800   | G   |
|                            | 100  |                  | E, Hershbe          |              |       |     |       |        |             |        |    |        |    |        |        |     |
| South                      | City of Decrete (Mainty CO)                        | 0.27             | I-581 South<br>2200 |              |       |     |       |        |             |        |    | 0.375  | F  |        | 2200   | G   |
| 581 Ramp                   | City of Roanoke (Maint: 80)                        |                  | W, Hershbe          | G<br>roor Pd | 1     |     | _     |        |             |        |    | 0.375  | Г  |        | 2200   | G   |
| Oth-                       | From:  |                  |                     |              |       |     | _     |        |             |        |    |        |    |        |        |     |
| South (581) Ramp           | City of Roanoke (Maint: 80)                        | 0.19             | I-581 South<br>2600 | G            |       |     |       |        |             |        |    | 0.133  | F  |        | 2600   | G   |
| 301). 14.119               | To   |                  | E, Peters C         |              |       |     |       |        |             |        |    | 3.100  | •  |        | 2000   | ~   |
| South                      | From:  |                  | I-581 South         |              |       |     |       |        |             |        |    |        |    |        |        |     |
| (581) Ramp                 | City of Roanoke (Maint: 80)                        | 0.19             | 2000                | G            |       |     |       |        |             |        |    | 0.145  | F  |        | 2000   | G   |
|                            | Τα:  | SR 117           | W, Peters C         | reek Rd      | l     |     |       |        |             |        |    |        |    |        |        |     |

| Route                  | Length    | AADT               | QA       | 4Tire | Bus      |            | Tru<br>3+Axle             | -          |        | QC | K<br>Factor | QK | Dir<br>Factor | AAWDT | QW       | Year       |
|------------------------|-----------|--------------------|----------|-------|----------|------------|---------------------------|------------|--------|----|-------------|----|---------------|-------|----------|------------|
| City of Roanoke        |           | From               |          |       |          |            |                           |            | 211411 |    | 1 40101     |    | - 40101       |       |          |            |
| (F74) Frontage Rd      | 0.42      | 1000               | R        |       |          | SR 10      | 1 Ordway                  | Dr         |        |    | NA          |    |               | NA    |          | 06/10/2009 |
|                        |           | To                 |          |       |          | Roanok     | te County I               | ine        |        |    |             |    |               |       |          |            |
| <u> </u>               |           | From               | <u> </u> |       |          | US 22      | 0 Franklin                | Rd         |        |    | <u> </u>    |    |               |       |          |            |
| F897 Frontage Rd       | 0.39      | 1600 <sub>To</sub> | R        |       |          | Rı         | ıs US 220                 |            |        |    | NA          |    |               | NA    |          | 09/30/2009 |
|                        |           | From               |          |       | LIS 2    |            | s US 220 F                | ranklin Ra | 1      |    | _           |    |               |       |          |            |
| 1 2nd St SW            | 0.23      | 5300               | G        | 96%   | 1%       | 3%         | 0%                        | 0%         | 0%     | F  | 0.118       | F  | 0.585         | 5600  | G        | 2014       |
|                        |           | To<br>From         |          |       |          | Sale       | m Ave SW                  | 7          |        |    | _           |    |               |       |          |            |
| (1) 2nd St SW; Gainsbo | ro RoDNWV | 8200               | G        | 96%   | 1%       | 3%         | 0%                        | 0%         | 0%     | С  | 0.122       | F  | 0.651         | 8700  | G        | 2014       |
|                        |           | From               |          |       |          |            | ige Ave NI                | 5          |        |    | 1           |    |               |       |          |            |
| Belle Ave NE           | 0.84      | 1700               | G        | 99%   | 0%       | 0%         | ing St NE<br>0%           | 0%         | 0%     | С  | 0.115       | F  | 0.533         | 1800  | G        | 2014       |
| 2)                     |           | То                 |          |       |          |            | e; 80-758 C               |            |        |    |             |    |               |       |          |            |
|                        |           | From               |          |       |          | Bus US     | 220 Frankli               | n Rd       |        |    |             |    |               |       |          |            |
| (3) Wonju St           | 0.18      | 14000              | G        | 98%   | 0%       | 1%         | 0%                        | 0%         | 0%     | С  | 0.095       | F  | 0.61          | 15000 | G        | 2014       |
| <u> </u>               |           | From               |          |       |          |            | y Webber                  |            |        |    |             | _  |               |       |          |            |
| 3 Wonju St             | 0.12      | 18000              | G        | 98%   | 0%       | 1%         | 0%                        | 0%         | 0%     | F  | 0.084       | F  | 0.66          | 19000 | G        | 2014       |
|                        |           | From               |          |       | 110 11 1 |            | lonial Ave<br>us US 220 V | Villiamaa  | n P.d  |    | <u> </u>    |    |               |       |          |            |
| (4) Kimball Ave NE     | 0.75      | 8000               | G        | 98%   | 0%       | <u> 1%</u> | 0%                        | 0%         | 0%     | F  | 0.105       | F  | 0.750         | 8500  | G        | 2014       |
| •                      |           | То                 |          |       |          |            | nge Ave NI                |            |        |    |             |    |               |       |          |            |
|                        |           | From               |          |       |          | US 46      | 0 Orange A                | ve         |        |    |             |    |               |       |          |            |
| (5) Plantation Rd NE   | 0.33      | 7200               | G        | 98%   | 0%       | 1%         | 0%                        | 0%         | 0%     | F  | 0.084       | F  | 0.565         | 7700  | G        | 2014       |
|                        |           | From               | -        |       |          |            | hawk Ave<br>awk Ave N     | E          |        |    | +           |    |               |       |          |            |
| 5 Plantation Rd NE     | 0.82      | 6000               | G        | 98%   | 0%       | 1%         | 0%                        | 0%         | 0%     | F  | 0.09        | F  | 0.573         | 6400  | G        | 2014       |
|                        |           | To                 |          |       |          | SR 115     | Liberty Rd                | NE         |        |    |             |    |               |       |          |            |
|                        | 0.00      | From               |          |       |          | Г          | ead End                   |            |        |    |             | _  | 0.700         | 0.40  | _        |            |
| 6 Wells Ave NW         | 0.03      | 240                | G        |       |          |            |                           |            |        |    | 0.14        | F  | 0.702         | 240   | G        | 2014       |
| 6 Wells Ave            | 0.19      | 4900               | G        | 95%   | 1%       | Gainsbo    | orough Rd 1<br>1%         | NW<br>1%   | 0%     | F  | 0.115       | F  | 0.639         | 5200  | G        | 2014       |
| 6 Wells Ave            | 0.19      | 4900               |          | 33 /6 | 1 /0     |            |                           | 1 /0       | 0 /6   |    | 0.113       | '  | 0.009         | 3200  | u        | 2014       |
| 6 Wells Ave NE         | 0.19      | 7000 From          | G        | 95%   | 1%       | Je<br>2%   | fferson St<br>1%          | 1%         | 0%     | С  | 0.108       | F  | 0.622         | 7400  | G        | 2014       |
| 6 1101107110112        | 0.10      | То                 | Ď        |       |          |            | R 116 Will                |            |        |    | 0.100       |    | 0.022         | 7 100 | <u> </u> |            |
|                        |           | From               |          |       |          | Norf       | olk Ave SI                | Ξ          |        |    |             |    |               |       |          |            |
| 7 Wise Ave SE          | 0.89      | 6800               | G        | 98%   | 0%       | 1%         | 0%                        | 0%         | 0%     | F  | 0.126       | F  | 0.83          | 7200  | G        | 2014       |
|                        |           | То                 |          |       |          |            | iton; Walnu               |            |        |    |             |    |               |       |          |            |
| 8 9th St SE            | 0.21      | From <b>6400</b>   | G        | 98%   | 0%       | SR 116     | Riverland<br>0%           | Rd<br>0%   | 0%     | F  | 0.093       | F  | 0.567         | 6800  | G        | 2014       |
| 8 9th St SE            | 0.21      | 0 <b>-100</b>      |          | 30 /0 | 0 70     |            |                           |            | 0 70   |    | 0.000       | '  | 0.507         | 0000  | a        | 2014       |
| 8 9th St SE            | 0.93      | 9100 From          | G        | 98%   | 0%       | 1%         | stry Ave SI<br>0%         | 0%         | 0%     | F  | 0.086       | F  | 0.547         | 9700  | G        | 2014       |
|                        |           | To                 |          |       |          |            | ullitt Avenu              |            |        |    |             |    |               |       |          |            |
| 8 9th St SE            | 0.06      | 9100               | N        | 98%   | 0%       | 1%         | 0%                        | 0%         | 0%     | N  | 0.086       | N  | 0.547         | 9700  | Ν        | 2014       |
| $\overline{}$          |           | To                 |          |       |          | SR 24 P    | Jamison Av                | ve SE      |        |    | <b>—</b> —  |    |               |       |          |            |
| 8 9th St SE            | 0.18      | 4500               | G        | 98%   | 0%       | 1%         | 0%                        | 0%         | 0%     | F  | 0.101       | F  | 0.62          | 4800  | G        | 2014       |
|                        |           | To                 |          |       |          | Taze       | well Ave S                | E          |        |    |             |    |               |       |          |            |
| Commission Ave CE      | 0.50      | From               | Ļ        | 000/  |          |            | 21 Williams               |            |        | _  | 0.107       | _  | 0.750         | 11000 | 0        | 0014       |
| 9 Campbell Ave SE      | 0.59      | 9900 To            | G        | 98%   | 0%       | 1%<br>Nort | 0%<br>folk Ave SI         | 0%         | 0%     | С  | 0.107       | F  | 0.758         | 11000 | G        | 2014       |
|                        |           | From               | 1        |       |          |            | bell Ave S                |            |        |    |             |    |               |       |          |            |
| 10 Norfolk Ave SE      | 0.30      | 8400               | G        | 98%   | 0%       | 1%         | 0%                        | 0%         | 0%     | С  | 0.124       | F  | 0.766         | 9000  | G        | 2014       |
| $\overline{}$          |           | To                 |          |       |          |            | 14th St                   |            |        |    |             |    |               |       |          |            |
| <u> </u>               |           | From               | Ļ        |       |          |            | fferson St                |            |        |    |             | _  |               |       |          |            |
| 11 Belleview Ave SE    | 0.61      | 4500 <sub>To</sub> | G        | 98%   | 0%       | 1%         | 0%                        | 0%         | 0%     | С  | 0.099       | F  | 0.739         | 4800  | G        | 2014       |
|                        |           | 10                 | 1        |       |          | SK 116     | Walnut Av                 | e SE       |        |    |             |    |               |       |          |            |

|                                  |             |            |          |       |          | City C            | i nuaric         | )KE           |      |    |             |                |               |       |    |      |
|----------------------------------|-------------|------------|----------|-------|----------|-------------------|------------------|---------------|------|----|-------------|----------------|---------------|-------|----|------|
| Route                            | Length      | AADT       | QA       | 4Tire | Bus      |                   |                  | uck<br>1Trail |      | QC | K<br>Factor | QK             | Dir<br>Factor | AAWDT | QW | Year |
| itv of Roanoke                   |             | From       |          |       |          | 128-17            | Salem Av         | e SF          |      |    | I           |                |               |       |    |      |
| Norfolk Ave Connector            | SE0.03      | NA         |          |       |          | 120-17            | Salcin 7 (V)     | COL           |      |    | NA          |                |               | NA    |    |      |
| <i></i>                          |             | To         |          |       | ,        | Norf<br>Norfolk A | olk Ave S        |               |      |    |             |                |               |       |    |      |
| 13) Norfolk Ave SE               | 0.14        | NA         |          |       |          | NOTIOIK A         | ve Connec        | CIOI SE       |      |    | NA          |                |               | NA    |    |      |
|                                  |             | To         |          |       |          | 128-9 Ca          | ımpbell A        | ve SE         |      |    |             |                |               |       |    |      |
| <u> </u>                         |             | From       |          |       |          |                   | efferson St      |               |      |    |             |                |               |       | _  |      |
| Williamson Rd SE                 | 0.56        | 8100<br>To | G        | 98%   | 0%       | 1%                | 0%               | 1%            | 0%   | С  | 0.088       | F              | 0.516         | 8700  | G  | 2014 |
| _                                |             | From       |          |       |          |                   | Elm Avenu        |               |      |    |             |                |               |       |    |      |
| 14) Williamson Rd SE             | 0.22        | 10000      | G        | 98%   | 0%       | 1%                | 0%               | 1%            | 0%   | F  | 0.102       | F              | 0.579         | 11000 | G  | 2014 |
|                                  |             | To         | 1        |       |          |                   | Franklin R       |               |      |    |             |                |               |       |    |      |
| 15) 1st St SW                    | 0.04        | 1000       | L        | 97%   | 1%       | US 11 Ca<br>1%    | mpbell Av        | ve SW<br>0%   | 0%   | F  | 0.114       | F              | 0.703         | 1100  | G  | 2014 |
| 15) 1st St SW                    | 0.04        | To         | Ĕ        | 01 70 |          | 28-17 Sal         |                  |               | 0 70 | -  | - O. 11 -   | •              | 0.700         | 1100  | ŭ  | 201- |
| 1 -1 O. NIM                      | 0.00        | From       | Ļ        | 070/  | 40/      |                   | Ave NW;          |               | 00/  |    | 0.110       |                | 0.040         | 4000  | _  | 004  |
| 15) 1st St NW                    | 0.09        | 940<br>To  | G        | 97%   | 1%       | 1%<br>128-6 V     | 2%<br>Vells Ave  | 0%<br>NW      | 0%   | С  | 0.119       | F              | 0.942         | 1000  | G  | 2014 |
|                                  |             | From       |          |       | I        | JS 221, SF        |                  |               |      |    | _           |                |               |       |    |      |
| 16) S Jefferson St               | 0.18        | 6200       | G        | 96%   | 1%       | 3%                | 0%               | 0%            | 0%   | С  | 0.097       | F              | 0.764         | 6600  | G  | 2014 |
| <u> </u>                         |             | To         |          |       |          | US 11             | Campbell         | Ave           |      |    |             |                |               |       |    |      |
| 16) S Jefferson St               | 0.05        | 3000       | G        | 96%   | 1%       | 3%                | 0%               | 0%            | 0%   | F  | 0.097       | F              |               | 3300  | G  | 2014 |
|                                  |             | To         |          |       |          |                   | 7 Salem A        | ve            |      |    |             |                |               |       |    |      |
| Salem Ave SW                     | 0.34        | 4500       | G        | 98%   | 0%       | 13<br>1%          | th St SW<br>0%   | 0%            | 0%   | F  | 0.09        | F              | 0.532         | 5000  | G  | 2014 |
| Salem Ave SW                     | 0.34        | 4300       |          | 30 /6 | 0 /6     |                   |                  | 0 /0          | 0 /6 | '  | 0.09        | '              | 0.552         | 3000  | G  | 2012 |
| 17) Salem Ave SW                 | 0.40        | 2800       | G        | 98%   | 0%       | 9t<br>1%          | h St SW<br>0%    | 0%            | 0%   | F  | 0.099       | F              | 0.595         | 3100  | G  | 2014 |
| 17) Gallotti 7410 GT             | 0.10        |            | _        | 0070  | 0 70     |                   |                  | 070           | 070  | •  | 0.000       | •              | 0.000         | 0100  | ŭ. | 201  |
| 17) Salem Ave SW                 | 0.30        | 4700       | G        | 98%   | 0%       | 1%                | h St SW<br>0%    | 0%            | 0%   | F  | 0.096       | F              | 0.525         | 5200  | G  | 2014 |
| •• /                             | d Traffic:  | 11000      | G        | 98%   | 0%       | 1%                | 0%               | 0%            | 0%   | F  | NA          |                |               | 12000 | G  |      |
|                                  |             | To<br>From |          |       |          | 2n                | d St SW          |               |      |    |             |                |               |       |    |      |
| 17) Salem Ave SW                 | 0.22        | 4000       | G        | 98%   | 0%       | 1%                | 0%               | 0%            | 0%   | F  | 0.092       | F              | 0.587         | 4500  | G  | 2014 |
| <u>~</u>                         |             | To<br>From |          |       |          | S Je              | efferson St      | t             |      |    |             |                |               |       |    |      |
| 17) Salem Ave SW                 | 0.15        | 4300       | G        | 98%   | 0%       | 1%                | 0%               | 0%            | 0%   | F  | 0.103       | F              | 0.685         | 4800  | G  | 2014 |
|                                  |             | From       | 1        |       | US 11, U |                   |                  | lliamson R    | d SE |    |             |                |               |       |    |      |
| 18) 13th St SW                   | 0.25        | 2600       | G        | 98%   | 0%       | 1%                | bell Ave S<br>0% | 0%            | 0%   | F  | 0.093       | F              | 0.586         | 2900  | G  | 2014 |
| 10)                              |             | To         |          |       |          |                   | m Ave SV         |               |      |    |             |                |               |       |    |      |
|                                  |             | From       |          |       |          | I-58              | 1, US 220        | )             |      |    |             |                |               |       |    |      |
| 19) Valley View Blvd NW          | 1.39        | 23000      | G        |       |          | ** .              |                  |               |      |    | 0.092       | F              | 0.548         | 25000 | G  | 2014 |
|                                  |             | To         | <u> </u> |       |          |                   | erger Rd l       |               |      |    |             |                |               |       |    |      |
| outh<br>19) Ramp From Valley Vie | w B31x844to |            | L        |       |          | 1-581             | S, US 220        | JS            |      |    | 0.096       | F              |               | 4400  | G  | 2014 |
| 10) 1 1000 1000 1000             |             | To         |          |       | Ramp     | from I-58         | 31, US 220       | N at Exit     | 4    |    |             |                |               |       |    |      |
|                                  |             | From       |          |       |          | 128-23            | 3 Aviation       | Dr            |      |    |             |                |               |       |    |      |
| Airport Entrance Rd              | 0.28        | 5900       | G        |       |          |                   |                  |               |      |    | 0.103       | F              | 0.508         | 6200  | G  | 2014 |
| <u> </u>                         |             | To         | <u> </u> |       |          |                   | 8 Airport        |               |      |    |             |                |               |       |    |      |
| Towne Square Blvd N\             | N 0.53      | 8100       | G        | 99%   | 0%       | 128-23<br>1%      | 3 Aviation<br>0% | Dr 0%         | 0%   | С  | 0.098       | F              | 0.515         | 8700  | G  | 2014 |
| 21) Towne Square Blvd N\         | v 0.33      | To         | <u> </u> | JJ /0 | U /o     |                   | 8 Airport        |               | U /0 | 0  | 0.096       | I <sup>z</sup> | 0.515         | 3700  | G  | 2014 |
|                                  |             | From       |          |       | S        | R 101 He          |                  |               |      |    | Ì           |                |               |       |    |      |
| 22) Rutgers St NW                | 0.31        | 9200       | G        | 99%   | 0%       | 1%                | 0%               | 0%            | 0%   | С  | 0.089       | F              | 0.599         | 9800  | G  | 2014 |
| <u> </u>                         |             | To         |          |       | 128      | 8-21 Town         | ne Square        | Blvd NW       |      |    |             |                |               |       |    |      |
| Aviotics Dr NIM                  | 0.77        | From       | Ĺ        | -     |          | Hershb            | erger Rd l       | NW            |      |    | 0.100       | _              | 0.515         | 7400  |    | 001  |
| Aviation Dr NW                   | 0.77        | 6900 To    | G        |       | 1        | 28-20 Air         | nort Entre       | nce Rd        |      |    | 0.103       | F              | 0.515         | 7400  | G  | 2014 |
|                                  |             |            | <u> </u> |       | - 1      | ∠o-∠U All         | pon Emra         | uice Ku       |      |    |             |                |               |       |    |      |

|                        |        |                    |          |       |      | City 0       | i nualiur       | .e     |       |    |  |    |               |              |        |       |
|------------------------|--------|--------------------|----------|-------|------|--------------|-----------------|--------|-------|----|--|----|---------------|--------------|--------|-------|
| Route                  | Length | AADT               | QA       | 4Tire | Bus  |              | Tru<br>3+Axle   | _      |       | QC | K<br>Factor                            | QK | Dir<br>Factor | AAWDT        | QW     | Year  |
| City of Roanoke        |        |                    |          |       |      |              |                 |        |       |    |  |    |               |              |        |       |
| R001) Colonial Ave     | 1.16   | 9400               | G        | 99%   | 0%   | 0%           | L Roanoke<br>0% | 0%     | 0%    | F  | 0.107                                  | F  | 0.514         | 10000        | G      | 2014  |
| 8001) Colonial Ave     | 1.10   | 3 <b>-100</b>      | г        | 33 /6 | 0 /6 |              | singer Rd       | 0 /6   | 0 /6  | '  | 0.107                                  | •  | 0.514         | 10000        | а      | 2014  |
|                        |        | From               |          |       |      |              | inger Road      |        |       |    |  |    |               |              |        |       |
| 8001) Colonial Ave     | 0.81   | 20000              | G        | 99%   | 0%   | 0%           | 0%              | 0%     | 0%    | F  | 0.098                                  | F  | 0.547         | 22000        | G      | 2014  |
| $\overline{}$          |        | To                 |          |       |      | Bra          | ndon Ave        |        |       |    | J                                      |    |               |              |        |       |
| O                      |        | From               |          |       |      |              | anoke; 80-6     |        |       |    |  |    | •             |              | _      |       |
| Yellow Mountain Rd     | 2.59   | 2700               | G        | 99%   | 0%   | 0%           | 0%              | 0%     | 0%    | С  | NA                                     |    |               | 2500         | G      | 2014  |
|                        |        | To<br>From         |          |       |      |              | ferson St       |        |       |    |  |    |               |              |        |       |
| 8003 McClanahan St     | 0.48   | 7900               | G        | 98%   | 1%   | 1%           | 0%              | 0%     | 0%    | С  | 0.095                                  | F  | 0.527         | 8400         | G      | 2014  |
| <u> </u>               |        | То                 |          |       |      |              | 20 Franklir     | ı Rd   |       |    |  |    |               |              |        |       |
| O Double Del           | 0.07   | From               | <u> </u> | 000/  | 00/  |              | Roanoke         | 00/    | 00/   |    |  | _  | 0.500         | 4.400        | 0      | 004.4 |
| 8005 Bandy Rd          | 0.37   | 1300 To            | G        | 98%   | 0%   | 1%           | 0%              | 0%     | 0%    | F  | 0.105                                  | F  | 0.599         | 1400         | G      | 2014  |
|                        |        | From               |          |       | 1    |              | Garden City     | BIVU.  |       |    |  |    |               |              |        |       |
| 8008) Salem Tpke       | 1.35   | 6600               | G        | 98%   | 1%   | 1%           | L Roanoke<br>0% | 0%     | 0%    | F  | 0.091                                  | F  | 0.567         | 7100         | G      | 2014  |
| Salem Tpke             | 1.00   | 0000               |          | JU /0 | 1 /0 |              |                 | 0 /0   | U /0  | '  | 0.031                                  | •  | 0.507         | , 100        | u      | 2014  |
| Salam Take             | 1.00   | From               | <u> </u> | 97%   | 1%   | 1%           | 36th St         | 1%     | 00/   | С  | 0.103                                  | F  | 0.545         | 7000         |        | 2014  |
| Salem Tpke             | 1.20   | 7300 To            | G        | 97%   | 170  |              | 0%<br>24th St   | 170    | 0%    | C  | 0.103                                  | Г  | 0.545         | 7800         | G      | 2014  |
|                        |        | From               |          |       |      |              |                 |        |       |    |  |    |               |              |        |       |
| 8009) Garden City Blvd | 0.42   | 4700               | G        | 97%   | 1%   | 1%           | ow Mtn Rd<br>0% | 0%     | 0%    | F  | 0.106                                  | F  | 0.639         | 5000         | G      | 2014  |
| BOOS GARGON SILY BIVE  | 0.12   |                    |          |       | 1 /0 |              |                 | 0 70   |       |    |  | •  | 0.000         | 0000         | G      |       |
| 8009) Garden City Blvd | 1.36   | 5400               | G        | 97%   | 1%   | 1%           | Ray Rd<br>0%    | 0%     | 0%    | С  | 0.089                                  | F  | 0.557         | 5800         | G      | 2014  |
| Garden City Blvd       | 1.30   | <b>3400</b>        |          | 9770  | I 70 |              | Riverland l     |        | 0%    | C  | 0.069                                  | г  | 0.557         | 3600         | G      | 2014  |
|                        |        | From               |          |       |      |              |                 | · Cu   |       |    | <u> </u>                               |    |               |              |        |       |
| Shenandoah Ave         | 2.13   | 11000              | G        | 96%   | 1%   | 1%           | L Roanoke<br>0% | 2%     | 0%    | С  | 0.091                                  | F  | 0.564         | 12000        | G      | 2014  |
| Shenandoan Ave         | 2.10   |                    |          | 0070  | 1 70 |              |                 | 270    | 0 70  | Ŭ  |  | •  | 0.004         | 12000        | ď      | 2014  |
| Shenandoah Ave         | 0.77   | 9100               | G        | 96%   | 1%   | 1%           | 24th St<br>0%   | 2%     | 0%    | F  | 0.093                                  | F  | 0.599         | 9700         | G      | 2014  |
| Shenandoah Ave         | 0.77   | 9100               |          | 30 /6 | 1 /0 |              |                 | 2.70   | 0 /6  | '  | 0.033                                  | •  | 0.555         | 3700         | а      | 2014  |
| Charanda ah A          | 0.00   | From               | <u> </u> | 070/  | 10/  |              | 15th St         | 10/    | 00/   |    |  |    | 0.501         | 10000        |        | 0014  |
| Shenandoah Ave         | 0.86   | 9400               | G        | 97%   | 1%   | 1%           | 1%              | 1%     | 0%    | С  | 0.096                                  | F  | 0.591         | 10000        | G      | 2014  |
| <u> </u>               |        | From               |          |       |      |              | 5th St          |        |       |    |  |    |               |              |        |       |
| 8010 Shenandoah Ave    | 0.66   | 5000               | G        | 97%   | 1%   | 1%           | 1%              | 1%     | 0%    | F  | 0.098                                  | F  | 0.703         | 5400         | G      | 2014  |
|                        |        | 10                 |          |       |      | Will         | iamson Rd       |        |       |    |  |    |               |              |        |       |
| Onder Dd               | 0.55   | From               | <u> </u> | 000/  | 00/  |              | Roanoke         | 00/    | 00/   |    | 0.100                                  | _  | 0.500         | 0700         | 0      | 0014  |
| 8011) Ogden Rd         | 0.55   | 8200 <sub>To</sub> | G        | 99%   | 0%   | 1%           | 0%<br>L Roanoke | 0%     | 0%    | С  | 0.103                                  | F  | 0.562         | 8700         | G      | 2014  |
|                        |        | From               |          |       |      |              |                 |        |       |    |  |    |               |              |        |       |
| 8013) Grandin Rd       | 1.11   | 7600               | G        | 99%   | 0%   | 1%           | Roanoke 0%      | 0%     | 0%    | С  | 0.102                                  | F  | 0.539         | 8100         | G      | 2014  |
| Grandin Rd             | 1.11   | 7000<br>To         |          | 33 76 |      |              | in Rd; Bran     |        |       |    | 0.102                                  | •  | 0.555         | 0100         | ď      | 2017  |
|                        |        | From               | 1        |       |      |              | Electric R      |        |       |    |  |    |               |              |        |       |
| 8014) Grandin Rd       | 0.55   | 5700               | G        | 99%   | 0%   | 1%           | 0%              | 0%     | 0%    | F  | 0.102                                  | F  | 0.506         | 6000         | G      | 2014  |
| 0014)                  | 0.00   |                    | <u> </u> | -070  |      |              |                 |        | 3,0   | •  | —————————————————————————————————————— | •  | 2.000         | 3000         | ~      | _5.7  |
| 8014) Grandin Rd       | 1.14   | 2500 From          | G        | 99%   | 0%   | 80-924<br>1% | Wynmere I       | 0%     | 0%    | С  | 0.106                                  | F  |               | 2600         | G      | 2014  |
| 8014) Grandin Rd       | 1.14   | <b>2300</b> To     | <u> </u> | JJ /0 | J /0 |              | st Mill Rd      | J /0   | J /0  |    | 3.100                                  | •  |               | 2000         | J      | 2014  |
|                        |        | From               | :<br>I   |       | T.   |              | y Webber E      | Synw.v |       |    | <del></del>                            |    |               |              |        |       |
| 8015) Franklin Rd      | 0.60   | 12000              | G        | 99%   | 0%   | 1%           | 0%              | 0%     | 0%    | С  | 0.096                                  | F  | 0.626         | 12000        | G      | 2014  |
|                        |        | To                 |          |       |      |              | Elm Ave; C      |        | - / - |    |  |    |               |              |        |       |
|                        |        | From               |          |       |      | JS 221 Wi    | lliamson Ro     | l; Gap |       |    |  |    |               |              |        |       |
| 8015) Tazewell Ave     | 0.54   | 5000               | G        | 98%   | 0%   | 1%           | 0%              | 0%     | 0%    | С  | 0.125                                  | F  | 0.739         | 5300         | G      | 2014  |
| $\overline{}$          |        |                    |          |       |      |              | 9th St          |        |       |    | <u> </u>                               |    |               |              |        |       |
|                        |        | To<br>From         |          |       |      |              | Jui St          |        |       |    |  |    |               |              |        |       |
| 8015) Tazewell Ave     | 0.34   | 4200 From          | G        | 98%   | 0%   | 1%           | 0%              | 0%     | 0%    | F  | 0.138                                  | F  | 0.895         | 4500         | G      | 2014  |
| Tazewell Ave           | 0.34   | 4200 To            | G        | 98%   | 0%   | 1%           |                 | 0%     | 0%    | F  | 0.138                                  | F  | 0.895         | 4500         | G      | 2014  |
|                        | 0.34   |                    | G        | 98%   |      | 1%           | 0%              |        | 0%    | F  |  | F  | 0.895         | 4500         | G      |       |
| Tazewell Ave           | 0.34   | То                 | G<br>G   | 98%   |      | 1%           | 0%<br>13th St   |        | 0%    | F  | 0.138<br>0.103                         | F  | 0.895         | 4500<br>6000 | G<br>G | 2014  |

| Title   Titl      |                              |        |              |          |       |            | City o    | f Roanoke    | )      |        |          |            |    |        |       |    |       |
|---|------------------------------|--------|--------------|----------|-------|------------|-----------|--------------|--------|--------|----------|------------|----|--------|-------|----|-------|
| SELIT   Press Cereb Road  | Route                        | Length | AADT         | QA       | 4Tire | Bus        |           | 1140         |        | 2Trail | QC       |            | QK |        | AAWDT | QW | Year  |
| Cove Rd   | City of Roanoke              |        |              |          |       |            |           |              |        |        |          |            |    |        |       |    |       |
| Hersiberger Rd   1.43   2900   G   99%   0%   1%   0%   0%   0%   0%   F   0.131   F   0.572   3100   G   201-  | O D.I                        | 4 40   |              | پ        | 000/  |            |           |              |        | 00/    |          |            | _  | 0.54.4 | 0000  | _  | 004.4 |
| Company   Comp      | 8018) Cove Rd                | 1.49   | /500         | _ G      | 99%   | 0%         |           |              | 0%     | 0%     | C        | 0.088      | F  | 0.514  | 8000  | G  | 2014  |
| Model Lick Rid   1.43   2800   G   95%   0%   1%   0%   0%   0%   0%   0%   0   |                              |        | 10           |          |       |            |           |              |        |        |          |            |    |        |       |    |       |
| Color   Colo      | Marit Pala Dal               | 4 40   |              | <u> </u> | 000/  | 00/        |           |              | 00/    | 00/    |          | 0.404      | _  | 0.070  | 0400  | 0  | 004.4 |
| Edgewood Ave   0.76   6000   6 99%   0%   1%   0%   0%   0%   0 0.04   F   0.506   6300   G   201-  | Mud Lick Rd                  | 1.43   | 2900         | _ G      | 99%   | 0%         |           |              |        | 0%     | <u> </u> | 0.131      | F  | 0.672  | 3100  | G  | 2014  |
| Edgewood Ave   0.76   |                              |        | From         |          |       |            |           |              | ;      |        |          |            |    |        |       |    |       |
| Memorial Ave   0.71   5200   6   99%   0%   1%   0%   0%   0%   0%   F   0.106   F   0.537   5500   G   2014  | 8020 Edgewood Ave            | 0.76   | 6000         | G        | 99%   | 0%         |           |              | 0%     | 0%     | С        | 0.104      | F  | 0.506  | 6300  | G  | 2014  |
| Memorial Ave   0.71   5200   G   99%   0%   1%   0%   0%   0%   0%   0%   0   | 3                            |        | To           |          |       |            | Mer       | norial Ave   |        |        |          |            |    |        |       |    |       |
| Hershberger Rd   0.60   9700   G   98%   0%   1%   0%   0%   0%   0%   0%   0   |                              |        |              |          |       |            | Edge      | ewood Ave    |        |        |          |            |    |        |       |    |       |
| Hershberger Rd  | <sub>8020</sub> Memorial Ave | 0.71   | 5200         | G        | 99%   | 0%         | 1%        | 0%           | 0%     | 0%     | F        | 0.106      | F  | 0.537  | 5500  | G  | 2014  |
| Hershberger Rd   0.60   9700   G   98%   0%   1%   0%%   0%   0%   0%   0 0 0%   C   0.087   F   0.643   10000   G   2014   | <u> </u>                     |        | To           |          |       |            | Gr        | andin Rd     |        |        |          |            |    |        |       |    |       |
| Sect   Remarker   Six   1 to Revertind Rd   NA  |                              |        | From         |          |       |            | Will      | iamson Rd    |        |        |          |            |    |        |       |    |       |
| Sk 116 Kiverland Rd   | 8022) Hershberger Rd         | 0.60   | 9700         | G        | 98%   | 0%         | 1%        | 0%           | 0%     | 0%     | С        | 0.087      | F  | 0.643  | 10000 | G  | 2014  |
| Bennington St SE   0.37   NA  | <u> </u>                     |        | To           |          |       |            | ECI       | Roanoke      |        |        |          |            |    |        |       |    |       |
| Separate       |                              |        | From         |          |       |            | SR 116    | Riverland Ro | d      |        |          |            |    |        |       |    |       |
| Bennington St   0.54   11000   G   98%   0%   1%   1%   1%   1%   0%   F   NA   12000   G   2014  | Bennington St SE             | 0.37   | NA           |          |       |            |           |              |        |        |          | NA         |    |        | NA    |    |       |
| Bennington St 0.54 11000 G 98% 0% 1% 1% 1% 0% F NA 12000 G 2014    Carliste Avenue  | $\smile$                     |        | To           |          |       |            | River     | side Terrace |        |        |          |            |    |        |       |    |       |
| 13th St   0.78   13000   G   98%   0%   1%   0%   0%   0%   F   NA   14000   G   2014   | Bennington St                | 0.54   |              | G        | 98%   | 0%         |           |              | 1%     | 0%     | F        | NA         |    |        | 12000 | G  | 2014  |
| Carlisk Avenue   SR 24 Janison Ave, Bullitt Avenue   SR 24 Janis      | 0020                         | ·      | To           | Ť        | / -   |            |           |              |        |        | -        | <u> </u>   |    |        |       | -  |       |
| SR 24 Jamison Ave; Ballitt Avenue   SR 24 Jamison Ave   SR 24 Jamison Ave; Ballitt Avenue   SR 24 Jamison Ave   SR 24 Jamison Av      |                              |        | From:        |          |       |            |           |              |        |        |          |            |    |        |       |    |       |
| 13th St   0.41   5400   G   98%   0%   1%   1%   1%   0%   F   0.090   F   0.639   5800   G   2014  | 8023) 13th St                | 0.78   | 13000        | G        | 98%   | 0%         | 1%        | 0%           | 0%     | 0%     | F        | NA         |    |        | 14000 | G  | 2014  |
| 13th St   0.41   5400   G   98%   0%   1%   1%   1%   0%   F   0.090   F   0.639   5800   G   2014  | <u> </u>                     |        | To           |          |       | SR 2       | 4 Jamison | Ave: Bullitt | Avenue |        |          | $\neg$ —   |    |        |       |    |       |
| 14th St   0.07   1700   G   98%   0%   1%   1%   1%   0%   F   0.082   F   0.934   1800   G   2014  | 9023) 13th St                | 0.41   | 5400 From    | G        | 98%   |            |           |              |        | 0%     | F        | 0.090      | F  | 0.639  | 5800  | G  | 2014  |
| 14th St   0.07   1700   G   98%   0%   1%   1%   1%   0%   F   0.082   F   0.934   1800   G   2014  | 3023)                        | -      |              |          |       |            |           |              |        |        |          |            |    |        |       |    |       |
| Norfolk Ave         | 1 4th Ct                     | 0.07   |              | ᆫ        | 000/  | 00/        |           |              | 10/    | 00/    |          | 0.000      |    | 0.004  | 1000  |    | 201.4 |
| Norfolk Ave   0.05   7100   G   98%   0%   1%   1%   1%   0%   F   0.093   F   0.504   7500   G   2014  | 14111 51                     | 0.07   | 1700         |          | 90%   | 0%         |           |              | 170    | 0%     |          | 0.082      | Г  | 0.934  | 1800  | G  | 2014  |
| Norfolk Ave   0.05   7100   G   98%   0%   1%   1%   1%   0%   F   0.093   F   0.504   7500   G   2014  |                              |        | From         |          |       |            |           |              |        |        |          |            |    |        |       |    |       |
| Hollins Rd  | Norfolk Ave                  | 0.05   | 7100         | G        | 98%   | 0%         |           |              | 1%     | 0%     | F        | 0.093      | F  | 0.504  | 7500  | G  | 2014  |
| Hollins Rd  0.39  7700  G  92%  1%  2%  2%  3%  0%  C  0.084  F  0.526  8200  G  2014  1.75  6800  G  98%  0%  1%  1.75  6800  G  98%  0%  1%  1%  1%  1%  1%  1%  1%  1%  1  | 0020)                        |        | To           |          |       |            | Н         | ollins Rd    |        |        |          |            |    |        |       |    |       |
| US 460, US 221, ALT SR 220 Orange Ave   SR 115 Hollins Road   SR      |                              |        | From:        |          |       |            | No        | rfolk Ave    |        |        |          |            |    |        |       |    |       |
| SR 115 Holling Road   1.75  | 8023) Hollins Rd             | 0.39   | 7700         | G        | 92%   | 1%         | 2%        | 2%           | 3%     | 0%     | С        | 0.084      | F  | 0.526  | 8200  | G  | 2014  |
| Section   Sect      | $\bigcup$                    |        | To           |          |       | US 460,    |           |              |        | Ave    |          |            |    |        |       |    |       |
| NCL Roanoke; 80-605   Nountain View Terrace   0.44   1600   G   97%   0%   2%   0%   0%   0%   F   0.090   F   0.6   1700   G   2014  | 0.114                        | 4 75   |              | <u> </u> | 000/  | 00/        |           |              |        | 201    |          |            | _  | 0.000  | 7000  | _  | 0044  |
| Normal   N      | 8023) Old Mountain Rd        | 1./5   | 6800         | G        | 98%   | 0%         |           |              |        | 0%     | F        | 0.101      | F  | 0.628  | 7200  | G  | 2014  |
| Mountain View Terrace 0.44 1600 G 97% 0% 2% 0% 0% 0% F 0.090 F 0.6 1700 G 2014    Secondary   Secondar    | <u> </u>                     |        | 10           |          |       |            | NCL Ro    | anoke; 80-60 | )5     |        |          |            |    |        |       |    |       |
| Solid   Soli      |                              |        | From         |          |       |            | Mer       | norial Ave   |        |        |          |            |    |        |       |    |       |
| Mountain View Terrace   0.05   1600   N   97%   0%   2%   0%   0%   0%   N   0.090   N   0.6   1700   N   2014  | (8024) Mountain View Terrace | 0.44   | 1600         | G        | 97%   | 0%         | 2%        | 0%           | 0%     | 0%     | F        | 0.090      | F  | 0.6    | 1700  | G  | 2014  |
| Mountain View Terrace   0.05   1600   N   97%   0%   2%   0%   0%   0%   N   0.090   N   0.6   1700   N   2014  | <u> </u>                     |        | To           |          |       |            | В         | ridge St     |        |        |          | <b>—</b> — |    |        |       |    |       |
| Chesterfield St   | 8024) Mountain View Terrace  | 0.05   | 1600         | N        | 97%   | 0%         |           |              | 0%     | 0%     | N        | 0.090      | Ν  | 0.6    | 1700  | N  | 2014  |
| Chesterfield St  O.22 1000  |                              |        | To           |          |       |            |           |              |        |        |          |            |    |        |       |    |       |
| New       |                              |        |              |          |       |            | Mountain  | n View Terra | ce     |        |          |            |    |        |       |    |       |
| Solid   State   Stat      | (8024) Chesterfield St       | 0.22   | 1000         | G        | 97%   | 0%         | 2%        | 0%           | 0%     | 0%     | F        | 0.105      | F  | 0.504  | 1100  | G  | 2014  |
| Secondary   Seco      | $\smile$                     |        | To           | <u> </u> |       |            | Mer       | norial Ave   |        |        |          |            |    |        |       |    |       |
| Reserve Ave         | _                            |        | From:        |          |       |            | McC       | lanahan St   |        |        |          |            |    |        |       |    |       |
| Reserve Ave         | 8025) Jefferson St           | 0.43   | 7000         | G        | 97%   | 0%         | 2%        | 0%           | 0%     | 0%     | F        | NA         |    |        | 7700  | G  | 2014  |
| Solution   St   St   St   St   St   St   St   S   | $\overline{}$                |        | To           |          |       |            | Res       | serve Ave    |        |        |          |            |    |        |       |    |       |
| Walnut Ave   Walnut Ave   | Jefferson St                 | 0.40   | 14000        | G        | 97%   | 0%         |           |              | 0%     | 0%     | С        | 0.086      | F  | 0.565  | 15000 | G  | 2014  |
| 23rd St 0.27 7300 G 97% 0% 2% 0% 0% 0% F 0.088 F 0.554 7800 G 2014    Solution   From   Sus US 11; Salem Ave SW; 2nd St SW   Solution   Solutio    |                              | -      | To           |          |       |            |           |              | -      |        |          |            |    |        |       |    |       |
| 23rd St 0.27 7300 G 97% 0% 2% 0% 0% 0% F 0.088 F 0.554 7800 G 2014    Colonial Ave   Sw; 2nd St SW   Sw   Sw   Sw   Sw   Sw   Sw   Sw   |                              |        | From:        |          |       |            |           |              | ve     |        |          |            |    |        |       |    |       |
| Colonial Ave   From   Bus US 11; Salem Ave SW; 2nd St SW   Substitute   Substitut      | 23rd St                      | 0 27   |              | G        | 97%   | 0%         |           |              |        | N%-    | F        | U U88      | F  | 0.554  | 7800  | G  | 2014  |
| Bus US 11; Salem Ave SW; 2nd St SW  | 8027 2010 01                 | 0.21   |              |          | J1 /0 | J /0       |           |              | J /0   | U /0   |          | 0.000      | '  | 0.004  | 7000  | u  | 2014  |
| Patterson Ave 1.04 <b>5400 G</b> 95% 0% 2% 1% 2% 0% C 0.093 F 0.577 5700 G 2014    State   Column   Colum |                              |        |              | l        |       | <b>n</b> - |           |              | 1~ -   | **     |          |            |    |        |       |    |       |
| Patterson Ave 0.53 <b>2600 G</b> 95% 0% 2% 1% 2% 0% F 0.090 F 0.505 2700 G 2014   | Dattamar Assa                | 101    |              | <u> </u> | 050/  |            |           |              |        |        |          |            | _  | 0 577  | F700  | _  | 0044  |
| 8028) Patterson Ave 0.53 <b>2600 G</b> 95% 0% 2% 1% 2% 0% F 0.090 F 0.505 2700 G 2014   | 8028) Patterson Ave          | 1.04   | 5400         | G        | 95%   | υ%         | 2%        | 1%           | 2%     | υ%     | U.       | 0.093      | F  | 0.5//  | 5/00  | G  | 2014  |
| 8028) Patterson Ave 0.53 <b>2600 G</b> 95% 0% 2% 1% 2% 0% F 0.090 F 0.505 2700 G 2014   |                              |        | To:<br>From: |          |       |            |           |              | •      |        | •        |            |    |        |       |    |       |
|   | (8028) Patterson Ave         | 0.53   |              | G        | 95%   | 0%         | 2%        | 1%           | 2%     | 0%     | F        | 0.090      | F  | 0.505  | 2700  | G  | 2014  |
|   | $\bigcirc$                   |        | To           |          |       |            | US 11 0   | Campbell Av  | e      |        |          |            |    |        |       |    |       |

|                      |        |              |          |       |       | City of         | Roanol               | ке        |             |          |             |    |               |       |         |      |
|----------------------|--------|--------------|----------|-------|-------|-----------------|----------------------|-----------|-------------|----------|-------------|----|---------------|-------|---------|------|
| Route                | Length | AADT         | QA       | 4Tire | Bus   |                 | Tru<br>3+Axle        |           |             | QC       | K<br>Factor | QK | Dir<br>Factor | AAWDT | QW      | Year |
| City of Roanoke      |        | From         | ı        |       |       |                 | 1: D.1               |           |             |          |             |    |               |       |         |      |
| 8029 Brandon Ave     | 0.82   | 15000 To     | G        | 99%   | 0%    | 1%<br>US 221 Bi | ndin Rd 0% rambleton | 0%<br>Ave | 0%          | F        | 0.082       | F  | 0.522         | 16000 | G       | 2014 |
|                      |        | From         |          |       |       | M               | ain St               |           |             |          |             |    |               |       |         |      |
| 8029 Brandon Ave     | 0.92   | 21000        | G        | 99%   | 0%    | 1%              | 0%                   | 0%        | 0%          | С        | 0.087       | F  | 0.529         | 23000 | G       | 2014 |
|                      |        | To           |          |       |       | Frar            | ıklin Rd             |           |             |          |             |    |               |       |         |      |
| 8030) Loudon St      | 1.23   | 1700         | G        | 95%   | 1%    | 3%              | 4th St<br>0%         | 0%        | 0%          | С        | 0.094       | F  | 0.601         | 1800  | G       | 2014 |
| <u> </u>             |        | From:        |          |       |       |                 | Oth St               |           |             |          | <u> </u>    | _  |               |       |         |      |
| 8030 Loudon St       | 0.43   | 920<br>To:   | G        | 95%   | 1%    | 3%              | 0%                   | 0%        | 0%          | F        | 0.109       | F  | 0.567         | 980   | G       | 2014 |
|                      |        |              |          |       |       |                 | th St                |           |             |          |             |    |               |       |         |      |
| Manla Ava            | 0.00   | From:        |          | 0E9/  | 00/   |                 | ad End               | 2%        | 00/         | F        | 0.107       | F  | 0.640         | 400   | 0       | 0014 |
| (8031) Maple Ave     | 0.36   | 380<br>To:   | G        | 95%   | 0%    | 2%              | 1%<br>Jefferson      |           | 0%          | Г        | 0.107       | Г  | 0.649         | 400   | G       | 2014 |
|                      |        | From:        |          |       |       |                 |                      |           |             |          |             |    |               |       |         |      |
| (8032) Overland Rd   | 0.32   | 10000        | G        | 98%   | 1%    | Bramb<br>1%     | oleton Ave           | 0%        | 0%          | F        | 0.117       | F  | 0.521         | 11000 | G       | 2014 |
| (8032) Overland Rd   | 0.02   | To:          | J        | JU /0 | 1 /0  |                 | nial Ave             | 0 /0      | U /0        | 1        | 0.117       |    | 0.021         | 11000 | u       | 2014 |
|                      |        | From:        |          |       |       |                 | n Ave                |           |             |          | <u> </u>    |    |               |       |         |      |
| (8035) 5th St        | 0.37   | 7600         | G        | 98%   | 1%    | 1%              | n Ave                | 0%        | 0%          | С        | NA          |    |               | 7200  | G       | 2014 |
| 00035) 511. 51       | 0.07   | . 500        | <u> </u> | JU /0 | 1 /0  |                 |                      | J /0      | J /0        | <u> </u> |             |    |               | , 200 | J       | _017 |
| Eth Ct               | 0.70   | From:        |          | 000/  | 10/   |                 | em Ave               | 00/       | 00/         | Г        | 0 101       |    | 0.517         | 2000  | G       | 2014 |
| 8035 5th St          | 0.78   | 2800 To:     | G        | 98%   | 1%    | 1%              | 0%                   | 0%        | 0%          | F        | 0.101       | F  | 0.517         | 3000  | G       | 2014 |
|                      |        |              |          |       |       |                 | nge Ave              |           |             |          |             |    |               |       |         |      |
| Drand A              | 0.47   | From:        |          | 000/  | 00/   | Bus US 22       |                      |           | 00/         |          |             | г  | 0.000         | 0000  | _       | 0014 |
| 8036 Broadway Ave    | 0.47   | 8100<br>To:  | G        | 99%   | 0%    | 1%              | 0%                   | 0%        | 0%          | С        | 0.09        | F  | 0.630         | 8600  | G       | 2014 |
|                      |        | 10.          |          |       |       |                 | anahan St            |           |             |          | <u> </u>    |    |               |       |         |      |
| Classica Association | 0.07   | 4200         |          | 000/  | 00/   |                 | mson Rd              | 00/       | 00/         |          |             | _  | 0.000         | 4.400 | _       | 0011 |
| 8038 Fleming Ave     | 0.87   | 1300         | G        | 99%   | 0%    | 1%              | 0%                   | 0%        | 0%          | F        | 0.092       | F  | 0.639         | 1400  | G       | 2014 |
|                      |        | 10           |          |       |       |                 | ation Rd             |           |             |          |             |    |               |       |         |      |
| Oprides Ct           | 0.45   | From:        |          | 000/  | 00/   | Mountain<br>10/ |                      |           | 00/         |          | 0.000       | _  | 0.510         | 2000  | <u></u> | 2014 |
| 8039 Bridge St       | 0.45   | 3000 To:     | G        | 99%   | 0%    | 1%              | 0%                   | 0%        | 0%          | F        | 0.093       | F  | 0.519         | 3200  | G       | 2014 |
|                      |        |              |          |       |       |                 | rson Ave             |           |             |          | <u> </u>    |    |               |       |         |      |
| December Acce        | 0.07   | From:        |          | 070/  | 00/   |                 | klin Rd              | 10/       | 00/         |          | 0.000       | г  | 0.500         | E000  | 0       | 0014 |
| Reserve Ave          | 0.37   | 5400 To:     | G        | 97%   | 0%    | 1%              | 1%                   | 1%        | 0%          | F        | 0.098       | F  | 0.593         | 5800  | G       | 2014 |
| -                    |        |              |          |       |       |                 | erson St             |           |             |          | l           |    |               |       |         |      |
| 10th Ct              | 0.07   | From:        | <u> </u> | 070/  | 00/   |                 | ampbell A            |           | 00/         |          | 0.007       | г  | 0.501         | E700  | 0       | 0014 |
| 8041) 10th St        | 0.07   | 5400         | G        | 97%   | 0%    | 1%              | 1%                   | 1%        | 0%          | F        | 0.087       | F  | 0.561         | 5700  | G       | 2014 |
|                      |        | From:        |          |       |       | 128-8028        |                      |           |             |          |             |    |               |       |         |      |
| (8041) 10th St       | 0.12   | 5900         | G        | 97%   | 0%    | 1%              | 1%                   | 1%        | 0%          | F        | 0.083       | F  | 0.534         | 6300  | G       | 2014 |
|                      |        | To:          |          |       |       | 128-17 Sa       | ılem Ave             | SW        |             |          |             |    |               |       |         |      |
| (8041) 10th St       | 0.75   | 7100         | G        | 97%   | 0%    | 1%              | 1%                   | 1%        | 0%          | F        | 0.088       | F  | 0.534         | 7500  | G       | 2014 |
| $\overline{}$        |        | To           |          |       |       | US 460          | Orange A             | ve        |             |          |             |    |               |       |         |      |
| (8041) 10th St       | 0.84   | 10000        | G        | 97%   | 0%    | 1%              | 1%                   | 1%        | 0%          | F        | 0.083       | F  | 0.539         | 11000 | G       | 2014 |
| 0041)                |        |              |          | / •   | - / - |                 |                      |           |             | -        |             | -  |               |       | -       | .=   |
| (8041) 10th St       | 0.56   | 7600         | G        | 97%   | 0%    | 1-581           | Overpass<br>1%       | 1%        | 0%          | F        | 0.087       | F  | 0.511         | 8100  | G       | 2014 |
| (8041)               | 0.50   | 7 000<br>To: | <u> </u> | JI /0 | U /0  |                 | mson Rd              |           | U /0        | - 1      | 0.007       | '  | 0.511         | 0100  | u       | 2014 |
|                      |        | From         | l        |       |       |                 |                      |           |             |          | <u> </u>    |    |               |       |         |      |
| (8042) Rutrough Rd   | 0.57   | 1300         | G        | 97%   | 0%    | SR 116 Mt       | 1%                   | 1%        | 0%          | F        | 0.093       | F  | 0.672         | 1400  | G       | 2014 |
| 8042) Hallough Hu    | 0.57   | To           |          | J1 /0 | 0 /0  |                 | Roanoke              | 1 /0      | U /0        |          | 0.033       | '  | 0.072         | 1400  | u       | 2014 |
|                      |        | From:        |          |       |       |                 |                      |           |             |          | 1           |    |               |       |         |      |
| (8045) Boulevard St  | 0.16   | 7600         | G        | 97%   | 0%    | Patte<br>1%     | 1%                   | 1%        | 0%          | F        | 0.086       | F  | 0.542         | 8100  | G       | 2014 |
| 8045) Doulevald St   | 0.16   | 1000         | G        | JI /0 | U /o  |                 |                      | 1 /0      | U /0        | 1.       | 0.000       | 1. | 0.042         | 3100  | G       | 2014 |
| <u> </u>             |        | From:        |          | .=    |       |                 | em Ave               | 101       | <b>a</b> c: |          |             |    |               |       |         |      |
| 8045 Boulevard St    | 0.25   | 9200         | G        | 97%   | 0%    | 1%              | 1%                   | 1%        | 0%          | F        | 0.087       | F  | 0.536         | 9900  | G       | 2014 |
|                      |        | To-<br>From: |          |       |       | Bal             | er Ave               |           |             |          |             |    |               |       |         |      |
| (8045) 24th St       | 0.41   | 9300         | G        | 97%   | 0%    | 1%              | 1%                   | 1%        | 0%          | F        | 0.083       | F  | 0.509         | 9900  | G       | 2014 |
| $\overline{}$        |        | To           |          |       |       | Melı            | ose Ave              |           |             |          |             |    |               |       |         |      |
|                      |        |              |          |       |       |                 |                      |           |             |          |             |    |               |       |         |      |

|                        |        |            |          |       |      | City of   | Roanor               | ке   |      |    |             |    |               |       |          |      |
|------------------------|--------|------------|----------|-------|------|-----------|----------------------|------|------|----|-------------|----|---------------|-------|----------|------|
| Route                  | Length | AADT       | QA       | 4Tire | Bus  |           | Tru<br>3+Axle        |      |      | QC | K<br>Factor | QK | Dir<br>Factor | AAWDT | QW       | Year |
| City of Roanoke        |        |            |          |       |      |           |                      |      |      |    |             |    |               |       |          |      |
| Diversale Del          | 0.70   | From       | <u> </u> | 070/  | 00/  |           | nington St           | 10/  | 00/  |    |             | _  | 0.050         | 1000  | _        | 0014 |
| Riverdale Rd           | 0.78   | 1500 To    | G        | 97%   | 0%   | 1%        | 1%<br>Roanoke        | 1%   | 0%   | F  | 0.105       | F  | 0.659         | 1600  | G        | 2014 |
|                        |        | From:      | l        |       |      |           |                      |      |      |    | 1           |    |               |       |          |      |
| 8050) Gus Nicks Blvd   | 0.70   | 16000      | G        | 97%   | 0%   | 1%        | nge Ave<br>1%        | 1%   | 0%   | С  | 0.09        | F  | 0.66          | 17000 | G        | 2014 |
| 8030) 848 1 11616 2174 | 00     | To         |          | 0.70  | 0,0  |           | Roanoke              | .,,  | 0,70 |    |             | •  | 0.00          |       | <u> </u> |      |
|                        |        | From       |          |       |      | Orange    | Ave; US 4            | 60   |      |    |             |    |               |       |          |      |
| Burwell St             | 0.35   | 5300       | G        | 97%   | 0%   | 1%        | 1%                   | 1%   | 0%   | F  | 0.1         | F  | 0.625         | 5600  | G        | 2014 |
|                        |        | To         |          |       |      |           | erty Rd              |      |      |    |             |    |               |       |          |      |
| S053) Liberty Rd       | 0.74   | 4200       | G        | 99%   | 0%   | Βι<br>1%  | rrell St<br>0%       | 0%   | 0%   | С  | 0.101       | F  | 0.596         | 4500  | G        | 2014 |
| Liberty Rd             | 0.74   | 4200       |          | 33 /6 | 0 76 |           |                      | 0 /6 | 0 /6 | 0  | 0.101       | '  | 0.530         | 4300  | ч        | 2014 |
| Liborty Dd             | 0.40   | From       | ᄂ        | 99%   | 00/  |           | amson Rd<br>0%       | 0%   | 0%   | F  | 0.097       | F  | 0.535         | 4900  | G        | 2014 |
| 8053 Liberty Rd        | 0.40   | 4500 To:   | G        | 99%   | 0%   | 1%        | tation Rd            | 0%   | 0%   | Г  | 0.097       | Г  | 0.535         | 4800  | G        | 2014 |
|                        |        | From:      |          |       |      |           | Vicks Blvd           |      |      |    |             |    |               |       |          |      |
| Signature St           | 1.46   | 10000      | G        | 99%   | 0%   | 1%        | 0%                   | 0%   | 0%   | F  | 0.092       | F  | 0.532         | 11000 | G        | 2014 |
| 3055)9 31              |        | To         | Ť        | 0070  | 0,0  |           | Orange A             |      | 0 70 | •  |             | •  | 0.002         |       | <u>.</u> |      |
|                        |        | From:      |          |       |      |           | Salem T <sub>1</sub> |      |      |    | Ī           |    |               |       |          |      |
| Westside Blvd          | 0.65   | 3100       | G        | 99%   | 1%   | 1%        | 0%                   | 0%   | 0%   | F  | 0.092       | F  | 0.527         | 3300  | G        | 2014 |
| $\mathcal{L}$          |        | To         | _        |       |      | US 460    | Melrose A            | ve   |      |    |             |    |               |       |          |      |
| Westside Blvd          | 0.54   | 5500 From: | G        | 99%   | 1%   | 1%        | 0%                   | 0%   | 0%   | С  | 0.095       | F  | 0.568         | 5900  | G        | 2014 |
|                        |        | To         |          |       |      |           | ershberge            |      |      |    |             |    |               |       |          |      |
|                        |        | From       |          |       |      | SR 117 Pc | eters Creel          | k Rd |      |    |             |    |               |       |          |      |
| 128-8008 Salem Trnpk   |        | 6800       | G        |       |      |           |                      |      |      |    | NA          |    |               | 6800  | G        | 2014 |
|                        |        | To         |          |       |      | 3         | 6th St               |      |      |    |             |    |               |       |          |      |
|                        |        | From       |          |       |      | Da        | ıle Ave              |      |      |    |             |    |               |       |          |      |
| 13th Street            |        | 7600       | G        | 97%   | 0%   | 1%        | 1%                   | 1%   | 0%   | С  | NA          |    |               | 7600  | G        | 2014 |
|                        |        | To         |          |       |      | Stev      | wart Ave             |      |      |    |             |    |               |       |          |      |
|                        |        | From:      |          |       |      | Cei       | ntre Ave             |      |      |    |             |    |               |       | _        |      |
| 17th St                |        | 200        | G        |       |      |           |                      |      |      |    | 0.129       | F  | 0.586         | 210   | G        | 2014 |
|                        |        | 10.        |          |       |      |           | don Ave              |      |      |    |             |    |               |       |          |      |
| 10th Ct                |        | From:      | <u> </u> |       |      | Edge      | erton Ave            |      |      |    | 0.140       | _  | 0.501         | 110   | _        | 0014 |
| 18th St                |        | 110        | G        |       |      | Dive      | rdale Rd             |      |      |    | 0.140       | F  | 0.531         | 110   | G        | 2014 |
|                        |        | From:      |          |       |      |           |                      |      |      |    |             |    |               |       |          |      |
| 19th St                |        | 1500       | G        |       |      | Ora       | nge Ave              |      |      |    | 0.082       | F  | 0.537         | 1600  | G        | 2014 |
| 1001 00                |        | To         |          |       |      | Han       | over Ave             |      |      |    | 0.002       | •  | 0.007         | 1000  | u        | 2014 |
|                        |        | From:      |          |       |      |           | ker Ave              |      |      |    | l           |    |               |       |          |      |
| 25th St                |        | 930        | G        |       |      | Da        | KCI / IVC            |      |      |    | 0.095       | F  | 0.517         | 1000  | G        | 2014 |
|                        |        | To         |          |       |      | Cei       | ntre Ave             |      |      |    |             |    |               |       |          |      |
|                        |        | From       |          |       |      |           | ale Ave              |      |      |    |             |    |               |       |          |      |
| 7th St                 |        | 460        | G        |       |      |           |                      |      |      |    | 0.112       | F  | 0.583         | 500   | G        | 2014 |
|                        |        | То         |          |       |      | Stev      | vart Ave             |      |      |    |             |    |               |       |          |      |
|                        |        | From       |          |       |      | Whit      | e Oak Rd             |      |      |    |             |    |               |       |          |      |
| Avenham Ave            |        | 4600       | G        |       |      |           |                      |      |      |    | 0.081       | F  | 0.569         | 4900  | G        | 2014 |
|                        |        | To         | <u> </u> |       |      | Clyd      | esdale St            |      |      |    |             |    |               |       |          |      |
|                        |        | From:      |          |       |      | Wir       | dsor Rd              |      |      |    |             |    |               |       |          |      |
| Barnhill Ln            |        | 110        | G        |       |      |           | 11                   |      |      |    | 0.144       | F  | 0.55          | 120   | G        | 2014 |
|                        |        | To         | <u> </u> |       |      |           | ndin Rd              |      |      |    |             |    |               |       |          |      |
| Donaldel Acce          |        | From       | لب       |       |      | C         | lyde St              |      |      |    |             | _  | 0.000         | 1000  | _        | 001  |
| Dunkirk Ave            |        | 1200 To:   | G        |       |      | ~         | lina C+              |      |      |    | 0.13        | F  | 0.833         | 1300  | G        | 2014 |
|                        |        |            |          |       |      |           | line St              |      |      |    |             |    |               |       |          |      |
| Fairhope Rd            |        | From:      | <u></u>  |       |      | C         | ove Rd               |      |      |    | 0.093       | F  | 0.546         | 1400  | G        | 2014 |
| i aimope nu            |        | 1300 To:   | G        |       |      | Λ         | leton Ave            |      |      |    | 0.093       | ۲  | 0.546         | 1400  | G        | 2014 |
|                        |        | 10.        | <u> </u> |       |      | App.      | cton Ave             |      |      |    |             |    |               |       |          |      |

|                       |                   |          |       |     | City of Roanoke                     |    |              |    |               |       |    |      |
|-----------------------|-------------------|----------|-------|-----|-------------------------------------|----|--------------|----|---------------|-------|----|------|
| Route                 | Length AADT       | QA       | 4Tire | Bus | Truck<br>2Axle 3+Axle 1Trail 2Trail | QC | K<br>Factor  | QK | Dir<br>Factor | AAWDT | QW | Yea  |
| v of Roanoke          | From              | 1        |       |     | Memorial Ave                        |    | 1            |    |               |       |    |      |
| Fauquier St           | 1700              | G        |       |     | Welloria We                         |    | 0.096        | F  | 0.558         | 1800  | G  | 2014 |
| •                     | Tr                | 1        |       |     | Denniston Ave                       |    |              |    |               |       |    |      |
|                       | Fron              |          |       |     | Olive Ave                           |    |              |    |               |       |    |      |
| Forest Park Blvd      | 1600              | G        |       |     |                                     |    | 0.091        | F  | 0.610         | 1700  | G  | 2014 |
|                       | To                | 1        |       |     | Alder St                            |    |              |    |               |       |    |      |
| Fugate Rd             | 1100              | G        |       |     | Collingwood St                      |    | 0.104        | F  | 0.576         | 1100  | G  | 2014 |
| r agate ria           | To                |          |       |     | Luray St                            |    | 0.104        | •  | 0.570         | 1100  | u  | 201  |
|                       | Fron              | 1        |       |     | Kenwood Blvd                        |    |              |    |               |       |    |      |
| Greenbrier Ave        | 130               | G        |       |     |                                     |    | 0.087        | F  | 0.6           | 140   | G  | 201  |
|                       | To                |          |       |     | 19th St                             |    |              |    |               |       |    |      |
|                       | Fron              |          |       |     | Hershberger Rd                      |    |              |    |               |       | _  |      |
| Hazelridge Rd         | 310               | G        |       |     | X7' '                               |    | 0.121        | F  | 0.588         | 340   | G  | 201  |
|                       | From              | 1        |       |     | Vincient Ave                        |    |              |    |               |       |    |      |
| Heritage Rd           | 170               | G        |       |     | Dogwood Ln S                        |    | 0.131        | F  | 0.592         | 180   | G  | 201  |
| riontago rta          | To                | Ť        |       |     | Dogwood La N                        |    |              | •  | 0.002         | 100   | ŭ  |      |
|                       | From              | 1        |       |     | Hershberger Rd                      |    |              |    |               |       |    |      |
| Hildebrand Rd         | 1600              | G        |       |     |                                     |    | 0.108        | F  | 0.546         | 1700  | G  | 201  |
|                       | To                |          |       |     | Whitney Ave                         |    |              |    |               |       |    |      |
|                       | Fron              |          |       |     | Troxell Rd                          |    |              |    |               |       |    |      |
| Hillview Ave          | 130               | G        |       |     |                                     |    | 0.153        | F  | 0.544         | 140   | G  | 201  |
|                       | Te                | 1        |       |     | Ventnor Rd                          |    |              |    |               |       |    |      |
| L CO4 Namba and Cauth | From              |          |       | Ra  | amp from I-581 N to Elm Ave         |    |              |    |               | NIA   |    |      |
| I-581 North and South | NA<br>To          |          |       | R o | amp from Elm Ave to I-581 N         |    | NA           |    |               | NA    |    |      |
|                       | Fron              |          |       | IXa | Lansing Dr                          |    | 1            |    |               |       |    |      |
| Langdon Rd            | 160               | G        |       |     | Lansing Di                          |    | 0.115        | F  | 0.546         | 170   | G  | 201  |
|                       | To                |          |       |     | Fairway Dr                          |    |              |    |               |       |    |      |
|                       | Fron              | :        |       |     | Hollins Rd                          |    |              |    |               |       |    |      |
| Liberty Rd            | 180               | G        |       |     |                                     |    | 0.107        | F  | 0.609         | 200   | G  | 201  |
|                       | To                | 1        |       |     | Norton Ave                          |    |              |    |               |       |    |      |
|                       | From              |          |       |     | Oakland Ave                         |    | <u> </u>     |    |               |       | _  |      |
| Maplelawn Ave         | 230 <sub>то</sub> | G        |       |     | I :1. C4                            |    | NA           |    |               | 250   | G  | 201  |
|                       | Fron              |          |       |     | Link St                             |    | 1            |    |               |       |    |      |
| Meadow Run Dr         | 290               | G        |       |     | Brook Run Dr                        |    | NA           |    |               | 300   | G  | 201  |
| Woodow Harr Br        | То                | Ť        |       |     | Spring Tree Dr                      |    | <b>–</b>     |    |               | 000   | ŭ  |      |
|                       | Fron              | 1        |       |     | Northwood Dr                        |    |              |    |               |       |    |      |
| Meadowbrook Rd        | 1200              | G        |       |     |                                     |    | NA           |    |               | 1300  | G  | 201  |
|                       | To                |          |       |     | Sloan Rd                            |    |              |    |               |       |    |      |
|                       | Fron              |          |       |     | King St                             |    |              |    |               |       |    |      |
| Mecca St              | 2500              | G        |       |     |                                     |    | NA           |    |               | 2800  | G  | 201  |
|                       | Te                | 1        |       |     | Belle Ave                           |    | _            |    |               |       |    |      |
| Molobox Ct            | From              | <u> </u> |       |     | Yellow Mt Rd                        |    |              |    |               | 270   | _  | 201  |
| Melcher St            | <b>340</b>        | G        |       |     | Carico Ave                          |    | NA           |    |               | 370   | G  | 201  |
|                       | Fron              | 1        |       |     | Vermont Ave                         |    | <del> </del> |    |               |       |    |      |
| Monroe St             | 1200              | G        |       | -   | V CHIIOH AVC                        |    | NA           |    |               | 1300  | G  | 201  |
|                       | та                | Ĺ        |       |     | Maine Ave                           |    |              |    |               |       |    |      |
|                       | Fron              |          |       |     | Old Mountain Rd                     |    |              |    |               |       |    |      |
| Monterey Rd           | 930               | G        |       |     |                                     |    | NA           |    |               | 1000  | G  | 201  |
|                       | To                | 1        |       |     | Dead End                            |    |              |    |               |       |    |      |
|                       | Fron              |          |       |     | Morningside St                      |    |              |    |               |       |    |      |
| Montrose Ave          | 1800              | G        |       |     |                                     |    | NA           |    |               | 1900  | G  | 201  |
|                       | To                | 1        |       |     | 11th Half St                        |    |              |    |               |       |    |      |

|                             |                     |    |       |     |                     | y or mounties                          |     |             |    |               |       |    |      |
|-----------------------------|---------------------|----|-------|-----|---------------------|--|-----|-------------|----|---------------|-------|----|------|
| Route                       | Length AADT         | QA | 4Tire | Bus |                     | Truc<br>xle 3+Axle                     |     | K<br>Factor | QK | Dir<br>Factor | AAWDT | QW | Yea  |
| v of Roanoke                | From                |    |       |     |                     | A : :: D                               |     | -1          |    |               |       |    |      |
| Municipal Airport Entra     |                     | G  |       |     |                     | Aviation Dr                            |     | NA          |    |               | 3300  | G  | 2014 |
| Walliopal / III port Elitia | To                  |    |       |     |                     | Airport                                |     | Ť.          |    |               | 0000  | ŭ  |      |
|                             | From                |    |       |     |                     | Winsloe Dr                             |     |             |    |               |       |    |      |
| Oaklawn Ave                 | 520                 | G  |       |     |                     |  |     | NA          |    |               | 550   | G  | 2014 |
|                             | To                  |    |       |     | 1                   | Hazelridge Rd                          |     |             |    |               |       |    |      |
|                             | From                |    |       |     |                     | Colonial Ave                           |     |             |    |               |       |    |      |
| Persinger Rd                | 1700                | G  |       |     |                     |  |     | 0.093       | F  | 0.717         | 1800  | G  | 2014 |
|                             | 10:                 |    |       |     | ]                   | Bluefield Blvd                         |     | _           |    |               |       |    |      |
| Portland Ave                | From:               |    |       |     |                     | Cove Rd                                |     | NA          |    |               | 1000  | G  | 2014 |
| Fortialia Ave               | 990<br>To:          | G  |       |     |                     | Oleva St                               |     |             |    |               | 1000  | G  | 2014 |
|                             | From                |    |       |     | Now                 | Spring Branch                          | Dd  | +           |    |               |       |    |      |
| Ray Rd                      | 320                 | G  |       |     | New                 | Spring Branch                          | Ku  | NA          |    |               | 340   | G  | 201  |
| ,                           | To                  |    |       |     |                     | Dead End                               |     |             |    |               |       |    |      |
|                             | From:               |    |       |     |                     | Gun Club Rd                            |     |             |    |               |       |    |      |
| Renfro Blvd                 | 210                 | G  |       |     |                     |  |     | <br>NA      |    |               | 220   | G  | 2014 |
|                             | To                  |    |       |     |                     | Pilot St                               |     |             |    |               |       |    |      |
|                             | From:               |    |       |     |                     | Mabry Ave                              |     |             |    |               |       |    |      |
| Reynolds Rd                 | 850                 | G  |       |     |                     |  |     | 0.115       | F  | 0.760         | 910   | G  | 201  |
|                             | To                  |    |       |     |                     | ECL Roanoke                            |     |             |    |               |       |    |      |
| D: 1                        | From                |    |       |     |                     | Cannaday Rd                            |     |             | _  | 0.500         | 1100  | •  | 004  |
| Richard Ave                 | 1000 <sub>To:</sub> | G  |       |     |                     | Mecca St                               |     | 0.117       | F  | 0.589         | 1100  | G  | 201  |
|                             | From                |    |       |     |                     |  |     |             |    |               |       |    |      |
| Ridgefield St               | 150                 | G  |       |     | N                   | Mississippi Ave                        |     | 0.112       | F  | 0.526         | 160   | G  | 201  |
| rilagencia ot               | To                  |    |       |     |                     | Norton Ave                             |     |             | •  | 0.520         | 100   | ч  | 201  |
|                             | From:               |    |       |     |                     | Burks St                               |     |             |    |               |       |    |      |
| Roanoke Ave                 | 610                 | G  |       |     |                     | Durks St                               |     | 0.097       | F  | 0.728         | 650   | G  | 201  |
|                             | To                  |    |       |     |                     | Byrne St                               |     |             |    |               |       |    |      |
|                             | From                |    |       |     |                     | 19Th St                                |     |             |    |               |       |    |      |
| Salem Ave                   | 2200                | G  |       |     |                     |  |     | 0.077       | F  | 0.559         | 2300  | G  | 201  |
|                             | To                  |    |       |     |                     | 20Th St                                |     |             |    |               |       |    |      |
|                             | From                |    |       |     | F                   | Rosewood Ave                           |     | J           |    |               |       |    |      |
| Sweetbrier Ave              | 170                 | G  |       |     |                     | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |     | NA          |    |               | 170   | G  | 201  |
|                             |                     |    |       |     |                     | Clifford St                            |     |             |    |               |       |    |      |
| Valentine Ave               | 400                 | G  |       |     |                     | Deyerle Rd                             |     | NA          |    |               | 420   | G  | 201  |
| valeriline Ave              | 400<br>To:          | G  |       |     | ī                   | Knollwood Rd                           |     |             |    |               | 420   | G  | 201  |
|                             | From                |    |       |     |                     | Ring Rd                                |     | +           |    |               |       |    |      |
| Valley View Blvd NW         | 12000               | G  |       |     |                     | King Ku                                |     | NA          |    |               | 12000 | G  | 201  |
|                             |                     |    |       |     | Volt                | ey View Blvd N                         | W   |             |    |               |       |    |      |
| Valley View Blvd NW         | 14000               | G  |       |     | v and               | y view bivu N                          | **  | NA          |    |               | 14000 | G  | 201  |
|                             | To                  |    |       |     | 17 <sub>0</sub> 11. | ey View Blvd N                         | (W) |             |    |               |       |    |      |
| Valley View Blvd NW         | 16000               | G  |       |     | v ane               | zy view Bivd N                         | vv  | NA          |    | _             | 16000 | G  | 201  |
|                             | To                  |    |       |     |                     | I-581                                  |     | ٦Ü.         |    |               |       |    |      |
|                             | From                |    |       |     |                     | Eanes Rd                               |     |             |    |               |       |    |      |
| Ventnor Rd                  | 770                 | G  |       |     |                     |  | -   | NA          |    |               | 810   | G  | 201  |
|                             | To                  |    |       |     |                     | Hillview Ave                           |     |             |    |               |       |    |      |
|                             | From                |    |       |     |                     | Omar Ave                               |     |             |    |               |       |    |      |
| Vinyard Ave                 | 20                  | G  |       |     |                     |  |     | NA          |    |               | 30    | G  | 201  |
|                             | To                  |    |       |     |                     | Atherly St                             |     | <br>        |    |               |       |    |      |
|                             | From                | G  |       |     |                     | Comer St                               |     | <br>NA      |    |               | 220   | G  | 201  |
| Virginia Ave                | 210                 |    |       |     |                     |  |     |             |    |               |       |    |      |

| Route           | Length | AADT | QA | 4Tire | Bus | Truck2Axle 3+Axle 1Trail 2Trail | QC | K<br>Factor | QK | Dir<br>Factor | AAWDT | QW | Year |
|-----------------|--------|------|----|-------|-----|---------------------------------|----|-------------|----|---------------|-------|----|------|
| City of Roanoke |        | From | 1  |       |     | Woodbury St                     |    | 1           |    |               |       |    |      |
| Whitney Ave     |        | 980  | G  |       |     | woodeary be                     |    | NA          |    |               | 1000  | G  | 2014 |
|                 |        | To   |    |       |     | Hubert Rd                       |    |             |    |               |       |    |      |
|                 |        | From | 1  |       |     | Winterberry Lane                |    |             |    |               |       |    |      |
| Willow Oak Dr   |        | 160  | G  |       |     |                                 |    | 0.151       | F  | 0.571         | 170   | G  | 2014 |
|                 |        | To   |    |       |     | Willow Oak Circle               |    |             |    |               |       |    |      |
|                 |        | From | 1  |       |     | Edgewood St                     |    |             |    |               |       |    |      |
| Windsor Ave     |        | 1300 | G  |       |     |                                 |    | NA          |    |               | 1400  | G  | 2014 |
|                 |        | To   |    |       |     | Derwent Dr                      |    |             |    |               |       |    |      |