

2005

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

where available

Special Locality Report

120

City of Martinsville

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.

1Trail 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 Peak Hour 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 Peak Hour 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
- M 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
 Interstate Route Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.
-  US Route
-  Virginia State Route
-  Frontage Road (F precedes frontage route number)
-  Secondary Route

Special Routes

- Bus
 Bus - Business Route
-  Bypass - Bypass Route
-  Truck - Truck Route
- ALT
 ALT - Alternate Route
-  Wve - Wve 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 Maintenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

Virginia Department of Transportation
Traffic Engineering Division
2005
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Martinsville

| Route | Jurisdiction | Length | AADT | QA | 4Tire | Bus | -----Truck----- | | | | QC | K Factor | QK | Dir Factor | AAWDT | QW |
|--------------------------|----------------------|--------|-------|----|-------|-----|-----------------|--------|--------|--------|----|-------------|----|---------------|-------|----|
| | | | | | | | 2Axle | 3+Axle | 1Trail | 2Trail | | | | | | |
| 57 Fayette Street | City of Martinsville | 0.93 | 3500 | G | 99% | 1% | 0% | 0% | 0% | 0% | F | 0.101 | F | 0.520 | 3800 | G |
| 57 Fayette St | City of Martinsville | 0.34 | 4400 | G | 99% | 1% | 0% | 0% | 0% | 0% | C | 0.094 | F | 0.544 | 4800 | G |
| 57 Bus 220 Memorial Blvd | City of Martinsville | 0.85 | 13000 | G | 96% | 1% | 1% | 1% | 2% | 0% | C | 0.085 | F | 0.512 | 14000 | G |
| 57 Bus 220 Memorial Blvd | City of Martinsville | 0.25 | 18000 | G | 96% | 1% | 1% | 1% | 2% | 0% | F | 0.087 | F | 0.558 | 19000 | G |
| 57 Bus 58 Starling Ave | City of Martinsville | 0.85 | 11000 | G | 98% | 0% | 0% | 0% | 1% | 0% | C | 0.086 | F | 0.583 | 12000 | G |
| 57 Bus 58 Starling Ave | City of Martinsville | 0.15 | 9100 | G | 98% | 0% | 0% | 0% | 1% | 0% | F | 0.091 | F | 0.576 | 9900 | G |
| 57 Bus 58 Church Street | City of Martinsville | 0.10 | 11000 | G | 98% | 0% | 1% | 1% | 1% | 0% | C | 0.09 | F | 0.565 | 12000 | G |
| 57 Bus 58 Church Street | City of Martinsville | 0.28 | 11000 | G | 98% | 0% | 1% | 1% | 1% | 0% | F | 0.092 | F | 0.575 | 12000 | G |
| 57 Bus 58 E Church Rd | City of Martinsville | 0.26 | 11000 | G | 98% | 0% | 1% | 1% | 1% | 0% | F | 0.095 | F | 0.645 | 12000 | G |
| 57 Bus 58 E Church Rd | City of Martinsville | 0.13 | 14000 | G | 97% | 1% | 1% | 0% | 1% | 0% | F | 0.091 | F | 0.589 | 16000 | G |
| 57 Bus 58 E Church Rd | City of Martinsville | 0.77 | 18000 | G | 97% | 1% | 1% | 0% | 1% | 0% | C | 0.087 | F | 0.594 | 20000 | G |
| 58 Bus 220 Memorial Blvd | City of Martinsville | 0.71 | 23000 | G | 96% | 1% | 1% | 1% | 2% | 0% | C | 0.083 | F | 0.554 | 25000 | G |
| 58 Bus 57 Starling Ave | City of Martinsville | 0.85 | 11000 | G | 98% | 0% | 0% | 0% | 1% | 0% | C | 0.086 | F | 0.583 | 12000 | G |
| 58 Bus 57 Starling Ave | City of Martinsville | 0.15 | 9100 | G | 98% | 0% | 0% | 0% | 1% | 0% | F | 0.091 | F | 0.576 | 9900 | G |
| 58 Bus 57 Church Street | City of Martinsville | 0.10 | 11000 | G | 98% | 0% | 1% | 1% | 1% | 0% | C | 0.09 | F | 0.565 | 12000 | G |
| 58 Bus 57 Church Street | City of Martinsville | 0.28 | 11000 | G | 98% | 0% | 1% | 1% | 1% | 0% | F | 0.092 | F | 0.575 | 12000 | G |

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City of Martinsville

| Route | Jurisdiction | Length | AADT | QA | 4Tire | Bus | Truck | | | | QC | K Factor | QK | Dir Factor | AAWDT | QW |
|------------------------------|---|--------|-------|----|-------|-----|-------|--------|--------|--------|----|----------|----|------------|-------|----|
| | | | | | | | 2Axle | 3+Axle | 1Trail | 2Trail | | | | | | |
| Bus 58 57 E Church Rd | From: Fairy St City of Martinsville | 0.26 | 11000 | G | 98% | 0% | 1% | 1% | 1% | 0% | F | 0.095 | F | 0.645 | 12000 | G |
| Bus 58 57 E Church Rd | To: Brookdale St From: City of Martinsville | 0.13 | 14000 | G | 97% | 1% | 1% | 0% | 1% | 0% | F | 0.091 | F | 0.589 | 16000 | G |
| Bus 58 57 E Church Rd | To: Hooker St From: City of Martinsville | 0.77 | 18000 | G | 97% | 1% | 1% | 0% | 1% | 0% | C | 0.087 | F | 0.594 | 20000 | G |
| | To: ECL Martinsville From: City of Martinsville | | | | | | | | | | | | | | | |
| 174 Liberty St | To: NCL Martinsville From: City of Martinsville | 0.49 | 16000 | G | 97% | 1% | 1% | 1% | 2% | 0% | F | 0.091 | F | 0.550 | 18000 | G |
| 174 Liberty St | To: Inman St From: City of Martinsville | 0.20 | 17000 | G | 97% | 1% | 1% | 1% | 2% | 0% | F | 0.089 | F | 0.556 | 18000 | G |
| 174 Liberty St | To: Clearview Dr From: City of Martinsville | 0.60 | 9800 | G | 97% | 1% | 1% | 1% | 2% | 0% | C | 0.092 | F | 0.531 | 11000 | G |
| | To: Commonwealth Blvd From: City of Martinsville | | | | | | | | | | | | | | | |
| Bus 220 Bus 58 Memorial Blvd | To: SCL MARTINSVILLE From: City of Martinsville | 0.71 | 23000 | G | 96% | 1% | 1% | 1% | 2% | 0% | C | 0.083 | F | 0.554 | 25000 | G |
| Bus 220 57 Memorial Blvd | To: STARLING AVE From: City of Martinsville | 0.25 | 18000 | G | 96% | 1% | 1% | 1% | 2% | 0% | F | 0.087 | F | 0.558 | 19000 | G |
| Bus 220 57 Memorial Blvd | To: Broad Street From: City of Martinsville | 0.85 | 13000 | G | 96% | 1% | 1% | 1% | 2% | 0% | C | 0.085 | F | 0.512 | 14000 | G |
| Bus 220 Memorial Blvd | To: Fayette St From: City of Martinsville | 0.65 | 15000 | G | 96% | 0% | 1% | 1% | 2% | 0% | C | 0.082 | F | 0.505 | 16000 | G |
| | To: NCL Martinsville From: City of Martinsville | | | | | | | | | | | | | | | |
| 457 | From: SR 57 BUS US 220 Memorial Blvd City of Martinsville | 0.59 | 6600 | G | 98% | 0% | 0% | 0% | 1% | 0% | F | 0.095 | F | 0.536 | 7200 | G |
| | Combined Traffic Estimates for 2 Parallel Roadways on this Route: | | 12000 | G | 99% | 0% | 0% | 0% | 1% | 0% | F | NA | | | 13000 | G |
| 457 Market St | To: Fayette St From: City of Martinsville | 0.20 | 13000 | G | 98% | 0% | 0% | 0% | 1% | 0% | F | 0.091 | F | 0.556 | 14000 | G |
| 457 Commonwealth Blvd | To: Commonwealth Blvd From: City of Martinsville | | | | | | | | | | | | | | | |
| 457 Commonwealth Blvd | To: Market St From: City of Martinsville | 0.56 | 16000 | G | 98% | 0% | 0% | 0% | 1% | 0% | F | 0.091 | F | 0.53 | 18000 | G |
| 457 Commonwealth Blvd | To: Northside Dr From: City of Martinsville | 0.36 | 21000 | G | 98% | 0% | 0% | 0% | 1% | 0% | C | 0.09 | F | 0.522 | 23000 | G |
| 457 Commonwealth Blvd | To: Fayette St From: City of Martinsville | 0.48 | 6800 | G | 98% | 0% | 0% | 0% | 1% | 0% | F | 0.092 | F | 0.55 | 7400 | G |
| 457 Chatham Rd | To: Chatham Rd From: City of Martinsville | | | | | | | | | | | | | | | |
| 457 Chatham Rd | To: Commonwealth Blvd From: City of Martinsville | 0.99 | 4300 | G | 98% | 1% | 1% | 1% | 0% | 0% | C | 0.096 | F | 0.609 | 4700 | G |
| | To: ECL Martinsville From: City of Martinsville | | | | | | | | | | | | | | | |

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| Route | Jurisdiction | Length | AADT | QA | 4Tire | Bus | -----Truck----- | | | | QC | K Factor | QK | Dir Factor | AAWDT | QW | |
|--------------|---|--------------------------|---------------------|--------------|----------|-----|-----------------|--------|--------|--------|----|-------------|----|---------------|-------|----|--|
| | | | | | | | 2Axle | 3+Axle | 1Trail | 2Trail | | | | | | | |
| 457 | From: | US 220 Memorial Blvd | | | | | | | | | | | | | | | |
| | City of Martinsville | 0.61 | 5000 | G | 100% | 0% | 0% | 0% | 0% | 0% | C | 0.085 | F | 0.561 | 5400 | G | |
| | Combined Traffic Estimates for 2 Parallel Roadways on this Route: | | | 12000 | G | 99% | 0% | 0% | 0% | 1% | 0% | F | NA | | 13000 | G | |
| | To: | SR 457 Market St | | | | | | | | | | | | | | | |
| 457 Fairy St | From: | SR 457 Commonwealth Blvd | | | | | | | | | | | | | | | |
| | City of Martinsville | 0.29 | 8700 | G | 98% | 1% | 1% | 0% | 1% | 0% | C | 0.092 | F | 0.581 | 9500 | G | |
| | | To: | Bus US 58 Church St | | | | | | | | | | | | | | |

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City of Martinsville

| Route | Length | AADT | QA | 4Tire | Bus | Truck | | | | QC | K Factor | QK | Dir Factor | AAWDT | QW | Year |
|-----------------------------|--------|-------|-------------------------------|-------|-----|-------|--------|--------|--------|----|----------|----|------------|-------|----|------|
| | | | | | | 2Axle | 3+Axle | 1Trail | 2Trail | | | | | | | |
| City of Martinsville | | | | | | | | | | | | | | | | |
| (4501) Mulberry Rd | 1.41 | 2900 | G | 99% | 1% | 0% | 0% | 0% | 0% | F | 0.109 | F | 0.67 | 3100 | G | 2005 |
| | | | From: Lanier Rd | | | | | | | | | | | | | |
| | | | To: Spruce St | | | | | | | | | | | | | |
| (4501) Mulberry Rd | 0.21 | 6900 | G | 99% | 1% | 0% | 0% | 0% | 0% | C | 0.104 | F | 0.510 | 7600 | G | 2005 |
| | | | From: Rives Rd | | | | | | | | | | | | | |
| | | | To: US 58 Bus Starling Ave | | | | | | | | | | | | | |
| (4501) Mulberry Rd | 0.18 | 9300 | G | 99% | 0% | 0% | 0% | 0% | 0% | F | 0.096 | F | 0.507 | 10000 | G | 2005 |
| | | | From: Starling Ave | | | | | | | | | | | | | |
| | | | To: Church St | | | | | | | | | | | | | |
| (4502) W Church St | 0.36 | 3000 | G | 99% | 1% | 0% | 0% | 0% | 0% | F | 0.102 | F | | 3300 | G | 2005 |
| | | | From: Market St | | | | | | | | | | | | | |
| | | | To: Broad St | | | | | | | | | | | | | |
| (4502) E Church St | 0.12 | 4800 | G | 99% | 1% | 0% | 0% | 0% | 0% | C | 0.108 | F | | 5200 | G | 2005 |
| | | | From: Ellsworth St | | | | | | | | | | | | | |
| | | | To: Starling Ave | | | | | | | | | | | | | |
| (4502) E Church St | 0.33 | 6900 | G | 98% | 0% | 0% | 0% | 1% | 0% | F | 0.113 | F | 0.649 | 7600 | G | 2005 |
| | | | From: WCL Martinsville | | | | | | | | | | | | | |
| | | | To: Market St | | | | | | | | | | | | | |
| (4504) Commonwealth Blvd | 1.00 | 15000 | G | 98% | 0% | 0% | 0% | 1% | 0% | C | 0.086 | F | 0.568 | 17000 | G | 2005 |
| | | | From: WCL Martinsville | | | | | | | | | | | | | |
| | | | To: Liberty St | | | | | | | | | | | | | |
| (4506) Clearview Dr | 0.08 | 12000 | G | 98% | 0% | 0% | 0% | 1% | 0% | F | 0.085 | F | 0.563 | 13000 | G | 2005 |
| | | | From: Northside Dr | | | | | | | | | | | | | |
| (4506) Clearview Dr | 0.14 | 7900 | G | 98% | 0% | 0% | 0% | 1% | 0% | F | 0.092 | F | 0.505 | 8600 | G | 2005 |
| | | | From: Barrows Mill Rd | | | | | | | | | | | | | |
| | | | To: NCL Martinsville | | | | | | | | | | | | | |
| (4506) Clearview Dr | 0.86 | 3300 | G | 96% | 1% | 1% | 2% | 0% | 0% | C | 0.094 | F | 0.594 | 3600 | G | 2005 |
| | | | From: SCL Martinsville | | | | | | | | | | | | | |
| | | | To: Circle Ct | | | | | | | | | | | | | |
| (4507) Rives Rd | 1.34 | 5700 | G | 98% | 1% | 0% | 0% | 1% | 0% | C | 0.104 | F | 0.588 | 6200 | G | 2005 |
| | | | From: Circle Ct | | | | | | | | | | | | | |
| | | | To: Mulberry Rd | | | | | | | | | | | | | |
| (4507) Rives Rd | 0.34 | 4200 | G | 98% | 1% | 0% | 0% | 1% | 0% | F | 0.102 | F | 0.551 | 4600 | G | 2005 |
| | | | From: SCL Martinsville | | | | | | | | | | | | | |
| | | | To: Memorial Blvd | | | | | | | | | | | | | |
| (4509) Rivermont Heights | 0.39 | 2000 | G | 98% | 1% | 0% | 0% | 1% | 0% | F | 0.098 | F | 0.569 | 2100 | G | 2005 |
| | | | From: Starling Ave | | | | | | | | | | | | | |
| | | | To: Smith Lake Rd | | | | | | | | | | | | | |
| (4511) Forest St | 0.56 | 2200 | G | 99% | 0% | 0% | 0% | 0% | 0% | F | 0.098 | F | 0.545 | 2400 | G | 2005 |
| | | | From: 44-801 SCL Martinsville | | | | | | | | | | | | | |
| | | | To: C4US 220 | | | | | | | | | | | | | |
| (4515) Askin St | 0.97 | 400 | G | 99% | 0% | 0% | 0% | 0% | 0% | F | 0.113 | F | | 440 | G | 2005 |
| | | | From: Mulberry Rd | | | | | | | | | | | | | |
| | | | To: Parkview Ave | | | | | | | | | | | | | |
| (4517) Spruce St | 0.23 | 6200 | G | 99% | 0% | 0% | 0% | 0% | 0% | F | 0.092 | F | 0.591 | 6800 | G | 2005 |
| | | | From: Parkview Ave | | | | | | | | | | | | | |
| (4517) Spruce St | 0.39 | 6500 | G | 99% | 0% | 0% | 0% | 0% | 0% | C | 0.097 | F | 0.539 | 7100 | G | 2005 |
| | | | From: Brookdale St | | | | | | | | | | | | | |
| (4517) Spruce St | 0.44 | 8000 | G | 99% | 0% | 0% | 0% | 0% | 0% | F | 0.096 | F | 0.653 | 8700 | G | 2005 |
| | | | From: ECL Martinsville | | | | | | | | | | | | | |
| (4519) Brookdale St | 0.53 | 11000 | G | 98% | 1% | 0% | 0% | 0% | 0% | C | 0.09 | F | 0.58 | 12000 | G | 2005 |
| | | | From: Bus US 58 | | | | | | | | | | | | | |
| | | | To: Parkview Ave | | | | | | | | | | | | | |
| (4519) Brookdale St | 0.41 | 7000 | G | 98% | 1% | 0% | 0% | 1% | 0% | C | 0.088 | F | 0.559 | 7700 | G | 2005 |
| | | | From: Spruce St | | | | | | | | | | | | | |

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| Route | Length | AADT | QA | 4Tire | Bus | Truck | | | | QC | K Factor | QK | Dir Factor | AAWDT | QW | Year |
|-----------------------------|--------|------|---|-------|-----|-------|--------|--------|--------|----|----------|----|------------|-------|----|------|
| | | | | | | 2Axle | 3+Axle | 1Trail | 2Trail | | | | | | | |
| City of Martinsville | | | | | | | | | | | | | | | | |
| (4521) Parkview Ave | 0.32 | 1000 | G | 99% | 1% | 1% | 0% | 0% | 0% | F | 0.109 | F | 0.667 | 1100 | G | 2005 |
| | | | From: Mulberry Rd | | | | | | | | | | | | | |
| | | | To: Spruce St | | | | | | | | | | | | | |
| (4521) Parkview Ave | 0.17 | 2900 | G | 99% | 1% | 1% | 0% | 0% | 0% | C | 0.100 | F | 0.527 | 3200 | G | 2005 |
| | | | From: Brookdale St | | | | | | | | | | | | | |
| | | | To: US 58 Bus Starling Ave | | | | | | | | | | | | | |
| (4523) Cleveland Ave | 0.36 | 5000 | G | 99% | 1% | 1% | 0% | 0% | 0% | F | 0.103 | F | 0.540 | 5500 | G | 2005 |
| | | | From: Church St | | | | | | | | | | | | | |
| (4525) Broad St | 0.45 | 1800 | G | 94% | 1% | 1% | 1% | 3% | 0% | C | 0.095 | F | 0.612 | 2000 | G | 2005 |
| | | | From: Memorial Blvd | | | | | | | | | | | | | |
| (4525) Broad St | 0.18 | 1300 | G | 94% | 1% | 1% | 1% | 3% | 0% | F | 0.104 | F | 0.509 | 1500 | G | 2005 |
| | | | From: Market St | | | | | | | | | | | | | |
| | | | To: Church St | | | | | | | | | | | | | |
| (4527) Bridge St | 0.43 | 6900 | G | 100% | 0% | 0% | 0% | 0% | 0% | C | 0.087 | F | 0.536 | 7600 | G | 2005 |
| | | | From: Memorial Blvd | | | | | | | | | | | | | |
| (4527) Bridge St | 0.17 | 2600 | G | 100% | 0% | 0% | 0% | 0% | 0% | F | 0.103 | F | 0.771 | 2800 | G | 2005 |
| | | | From: Market St | | | | | | | | | | | | | |
| | | | To: Church St | | | | | | | | | | | | | |
| (4527) Bridge St | 0.18 | 1900 | G | 100% | 0% | 0% | 0% | 0% | 0% | F | 0.127 | F | | 2000 | G | 2005 |
| | | | From: 120-4502 Church St | | | | | | | | | | | | | |
| | | | To: 120-4553 Main St | | | | | | | | | | | | | |
| (4529) Ellsworth St | 0.18 | 2600 | G | 100% | 0% | 0% | 0% | 0% | 0% | F | 0.109 | F | 0.618 | 2800 | G | 2005 |
| | | | From: Market St | | | | | | | | | | | | | |
| (4529) Lester St | 0.35 | 3300 | G | 99% | 0% | 0% | 0% | 0% | 0% | C | 0.112 | F | 0.519 | 3600 | G | 2005 |
| | | | From: Church St | | | | | | | | | | | | | |
| | | | To: Commonwealth Blvd | | | | | | | | | | | | | |
| (4531) Walnut St | 0.05 | 1900 | G | 99% | 0% | 0% | 0% | 0% | 0% | F | 0.11 | F | | 2100 | G | 2005 |
| | | | From: Church St | | | | | | | | | | | | | |
| (4531) Franklin St | 0.09 | 2700 | G | 99% | 0% | 0% | 0% | 0% | 0% | F | 0.101 | F | 0.773 | 3000 | G | 2005 |
| | | | From: Main St | | | | | | | | | | | | | |
| (4531) Franklin St | 0.61 | 1500 | G | 99% | 0% | 0% | 0% | 0% | 0% | F | 0.128 | F | 0.714 | 1600 | G | 2005 |
| | | | From: Jones St | | | | | | | | | | | | | |
| | | | To: Liberty St | | | | | | | | | | | | | |
| (4533) Liberty St | 0.10 | NA | | | | | | | | | 0.119 | N | | NA | | 2005 |
| | | | From: Moss St | | | | | | | | | | | | | |
| | | | To: 120-4527 Jones St; 120-4531 Franklin St | | | | | | | | | | | | | |
| (4535) Northside Dr | 0.80 | 7800 | G | 99% | 0% | 0% | 0% | 0% | 0% | C | 0.09 | F | 0.628 | 8500 | G | 2005 |
| | | | From: Commonwealth Blvd | | | | | | | | | | | | | |
| | | | To: Clearview Dr | | | | | | | | | | | | | |
| (4539) Hooker St | 0.39 | 6700 | G | 99% | 0% | 0% | 0% | 0% | 0% | F | 0.089 | F | 0.539 | 7300 | G | 2005 |
| | | | From: Church St | | | | | | | | | | | | | |
| | | | To: Commonwealth Blvd | | | | | | | | | | | | | |
| (4541) Barrows Mill Rd | 0.67 | 2800 | G | 99% | 0% | 0% | 0% | 0% | 0% | F | 0.098 | F | 0.573 | 3100 | G | 2005 |
| | | | From: Clearview Dr | | | | | | | | | | | | | |
| | | | To: NCL Martinsville | | | | | | | | | | | | | |
| (4542) Hairston St | 0.53 | 1700 | G | 98% | 1% | 0% | 1% | 1% | 0% | C | 0.092 | F | 0.579 | 1800 | G | 2005 |
| | | | From: Starling Ave | | | | | | | | | | | | | |
| | | | To: Rives Rd | | | | | | | | | | | | | |
| (4543) Moss St | 0.05 | 1900 | G | | | | | | | | 0.102 | F | 0.863 | 2100 | G | 2005 |
| | | | From: Church St | | | | | | | | | | | | | |
| | | | To: Main St | | | | | | | | | | | | | |
| (4543) Main St | 0.13 | 1200 | G | | | | | | | | 0.113 | F | | 1300 | G | 2005 |
| | | | From: Moss St | | | | | | | | | | | | | |
| | | | To: Jones St | | | | | | | | | | | | | |
| (4543) Main St | 0.04 | 3000 | G | | | | | | | | 0.103 | N | | 3200 | G | 2005 |
| | | | From: Jones St | | | | | | | | | | | | | |
| | | | To: Franklin St | | | | | | | | | | | | | |

Virginia Department of Transportation
 Traffic Engineering Division
 2005
 Annual Average Daily Traffic Volume Estimates By Section of Route
 City of Martinsville

| Route | Length | AADT | QA | 4Tire | Bus | -----Truck----- | | | | QC | K Factor | QK | Dir Factor | AAWDT | QW | Year |
|-----------------------------|--------|------|----|-------|-----|-------------------------|--------|--------|--------|-------|-------------|-------|---------------|-------|----|------|
| | | | | | | 2Axle | 3+Axle | 1Trail | 2Trail | | | | | | | |
| City of Martinsville | | | | | | | | | | | | | | | | |
| ④543 Main St | 0.25 | 2900 | G | | | From: Franklin St | | | | 0.103 | F | | | 3200 | G | 2005 |
| | | | | | | To: Clay St | | | | | | | | | | |
| ④543 Clay St | 0.04 | 3800 | G | | | From: Main St | | | | 0.089 | F | | | 4100 | G | 2005 |
| | | | | | | To: Church St | | | | | | | | | | |
| 3rd Street | | 950 | G | | | From: C St | | | | 0.115 | F | | | 1000 | G | 2005 |
| | | | | | | To: D St | | | | | | | | | | |
| Glade St | | 230 | G | | | From: Luck St | | | | 0.173 | F | | | 260 | G | 2005 |
| | | | | | | To: Ainsley St. | | | | | | | | | | |
| Highland St | | 280 | G | | | From: Clift St | | | | 0.102 | F | | | 300 | G | 2005 |
| | | | | | | To: Branch St | | | | | | | | | | |
| Knollwood Place | | 340 | G | | | From: Mulberry Road | | | | 0.11 | F | 0.573 | | 340 | G | 2005 |
| | | | | | | To: River Forest Place | | | | | | | | | | |
| Oakgrove Ave | | 230 | G | | | From: Ranson Rd South | | | | 0.118 | F | | | 260 | G | 2005 |
| | | | | | | To: Ranson Rd North | | | | | | | | | | |
| Randolph Street | | 260 | G | | | From: Church Street Ext | | | | 0.112 | F | 0.525 | | 260 | G | 2005 |
| | | | | | | To: Madison Street | | | | | | | | | | |
| River Forest Pl | | 100 | G | | | From: Knollwood Pl | | | | 0.121 | F | | | 110 | G | 2005 |
| | | | | | | To: Morningside Lane | | | | | | | | | | |
| Root Trail | | 400 | G | | | From: Cherokee Trail | | | | 0.096 | F | 0.512 | | 430 | G | 2005 |
| | | | | | | To: Corn Tassel Trail | | | | | | | | | | |
| Spruce St | | 3100 | G | | | From: Indian Trail | | | | 0.095 | F | | | 3400 | G | 2005 |
| | | | | | | To: Prospect Hill Dr | | | | | | | | | | |