2008
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report
312

Town of Timberville

Information in this report is included in Report

82

(Rockingham 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.

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 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
- 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

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 - Business Route
Bypas - Bypass Route
Truck - Truck Route

ALT - Alternate Route
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.

Virginia Department of Transportation
Traffic Engineering Division
2008
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Timberville

Route	Jurisdiction		Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
42 Forestville Rd	Town of Timberville (Maint: 82)	From: SCL Timberville	0.18	**12000**	**N**	93%	1%	1%	2%	3%	0%	N	0.090	N	0.538	12000	N
		To: From: SR 211 New Market Rd	0.68	**7100**	**G**	94%	1%	1%	2%	1%	0%	C	0.091	F	0.606	7300	G
		To: From: 82-617 North Church St	0.41	**2600**	**G**	93%	1%	1%	2%	2%	0%	C	0.096	F	0.577	2700	G
		To: NCL Timberville															
211 New Market Rd	Town of Timberville (Maint: 82)	From: SR 42 South of Timberville	0.69	**4100**	**G**	90%	1%	2%	1%	5%	0%	C	0.087	F	0.512	4200	G
		To: ECL Timberville															

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Town of Timberville																
617 82 Church St	0.06	**2000**	**G**								0.107	N	0.578	2000	G	2008
From: WCL Timberville To: SR 42 N, Forestville Rd																
617 82 Church St	0.19	**1400**	**G**	96%	1%	1%	0%	1%	0%	F	0.107	F	0.547	1400	G	2008
From: SR 42 S, Forestville Rd To: 82-1504 High St																
617 82 Church St	0.17	**1300**	**G**	96%	1%	1%	0%	1%	0%	F	0.110	F	0.55	1300	G	2008
From: 82-1504 High St To: ECL Timberville																
618 82 Lone Pine Rd	0.50	**1900**	**R**								NA			NA		05/17/2006
From: 82-800 Co-op Dr To: 82-793 Long Meadow Dr																
618 82 Lone Pine Rd	0.16	**2000**	**G**	97%	1%	2%	0%	0%	0%	C	0.096	F	0.516	2000	G	2008
From: 82-793 Long Meadow Dr To: SR 211 New Market Rd																
800 82 Co-op Dr	0.01	**1800**	**N**								NA			NA		10/16/2003
From: SCL Timberville To: 82-618 N, Lone Pine Rd																
800 82 Co-op Dr	0.36	**1500**	**R**								NA			NA		05/17/2006
From: 82-618 N, Lone Pine Rd To: Dead End; Gap																
800 82 Co-op Dr	0.06	**5100**	**R**								NA			NA		10/08/2003
From: SR 42 S; Gap To: 82-1512 SOUTH First Ave																
800 82 Co-op Dr	0.07	**3600**	**R**								NA			NA		05/17/2006
From: 82-1512 SOUTH First Ave To: 82-1511 SOUTH Second Ave																
800 82 Co-op Dr	0.04	**4300**	**R**								NA			NA		12/03/2003
From: 82-1511 S Second Ave To: 82-1510 EAST Third Ave																
800 82 Co-op Dr	0.02	**4300**	**R**								NA			NA		12/03/2003
From: 82-1510 EAST Third Ave To: 82-1510 WEST Third Ave																
800 82 Co-op Dr	0.05	**2900**	**R**								NA			NA		05/17/2006
From: 82-1510 WEST Third Ave To: 82-1509 Fourth Ave																
800 82 Co-op Dr	0.04	**4200**	**R**								NA			NA		10/08/2003
From: 82-1509 Fourth Ave To: 82-1508 SOUTH Fifth Ave																
800 82 Co-op Dr	0.09	**3000**	**R**								NA			NA		10/08/2003
From: 82-1508 S Fifth Ave To: WCL Timberville S																
881 82 Orchard Dr	0.24	**1900**	**G**	97%	0%	1%	1%	1%	0%	C	0.101	F	0.630	1900	G	2008
From: NCL Timberville To: SR 42 Forestville Rd																
1501 82 Bellevue St	0.05	**200**	**R**								NA			NA		1997
From: SR 42 Forestville Rd To: 82-1503 Park Ave																
1501 82 Bellevue St	0.06	**130**	**R**								NA			NA		1997
From: 82-1503 Park Ave To: 82-1502 Cherry St																
1501 82 Bellevue St	0.06	**80**	**R**								NA			NA		1997
From: 82-1502 Cherry St To: 82-1504 Monvevideo St																
1502 82 Cherry St	0.10	**60**	**R**								NA			NA		1997
From: 82-1505 Belvedere St To: 82-1501 Bellevue St																
1503 82 Park Ave	0.12	**100**	**R**								NA			NA		1997
From: 82-1505 Belvedere St To: 82-1501 Bellevue St																
1504 82 Montvevideo St	0.20	**160**	**R**								NA			NA		1997
From: 82-617 Church St To: 82-1505 Belvedere St																
1504 82 Montvevideo St	0.15	**80**	**R**								NA			NA		1997
From: 82-1505 Belvedere St To: 82-1501 Bellevue St																

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Town of Timberville

Route	Length	AADT	QA	4Tire	Bus	Truck: 2Axle	Truck: 3+Axle	Truck: 1Trail	Truck: 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
Town of Timberville																
1505 82 Belvedere St	0.07	**260**	**R**								NA			NA		1997
From: SR 42 Forestville Rd To: 82-1503 Park Ave																
1505 82 Belvedere St	0.08	**170**	**R**								NA			NA		1997
From: 82-1503 Park Ave To: 82-1502 Cherry St																
1505 82 Belvedere St	0.01	**160**	**R**								NA			NA		1997
From: 82-1502 Cherry St To: 82-1504 Montvevideo St																
1506 82 C St	0.33	**100**	**R**								NA			NA		1997
From: SR 42 Forestville Rd To: 82-1507 Maple Ave																
1507 82 Riverside Dr	0.24	**660**	**R**								NA			NA		1997
From: 82-1530 Co-op Dr To: SR 42 Forestville Rd																
1507 82 Maple Ave	0.55	**680**	**R**								NA			NA		1997
From: SR 42 Forestville Rd To: 82-1519 N Walnut Drive																
1507 82 Maple Ave	0.02	**800**	**R**								NA			NA		1997
From: 82-1519 S, Walnut Dr To: SR 211 New Market Rd																
1508 82 Fifth Ave	0.19	**600**	**R**								NA			NA		1997
From: 82-800 Co-op Dr To: 82-1530 Co-op Dr																
1509 82 Fourth Ave	0.13	**620**	**R**								NA			NA		1997
From: 82-800 S, Co-op Dr To: 82-1517 Fourth St																
1509 82 Fourth Ave	0.05	**560**	**R**								NA			NA		1997
From: 82-1517 Fourth St To: 82-1530 Co-op Dr																
1510 82 Third Ave	0.13	**140**	**R**								NA			NA		1997
From: 82-800 W, Co-op Dr To: 82-1517 Fourth St																
1510 82 Third Ave	0.05	**130**	**R**								NA			NA		1997
From: 82-1517 Fourth St To: 82-1530 Co-op Dr																
1511 82 Second Ave	0.07	**240**	**R**								NA			NA		1997
From: 82-800 S, Co-op Dr To: 82-1513 Fifth St																
1511 82 Second Ave	0.08	**240**	**R**								NA			NA		1997
From: 82-1513 Fifth St To: 82-1517 Foruth St																
1511 82 Second Ave	0.10	**200**	**R**								NA			NA		1997
From: 82-1517 Fourth St To: 82-1530 Co-op Dr																
1512 82 First Ave	0.08	**190**	**R**								NA			NA		1997
From: 82-800 S, Co-op Dr To: 82-1513 Fifth St																
1512 82 First Ave	0.08	**260**	**R**								NA			NA		1997
From: 82-1513 Fifth St To: 82-1517 Fourth St																
1512 82 First Ave	0.10	**200**	**R**								NA			NA		1997
From: 82-1517 Fourth St To: 82-1530 Co-op Dr																
1513 82 Fifth St	0.06	**130**	**R**								NA			NA		1997
From: 82-1511 Second Ave To: 82-1512 First Ave																
1513 82 Fifth St	0.05	**130**	**R**								NA			NA		1997
From: 82-1512 First Ave To: SR 42 Forestville Rd																
1514 82 Virginia Ave	0.07	**420**	**R**								NA			NA		1997
From: SR 42 Forestville Rd To: 82-1515 Center St																

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Route	Length	AADT	QA	4Tire	Bus	Truck: 2Axle	Truck: 3+Axle	Truck: 1Trail	Truck: 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
Town of Timberville																
1514 82 Virginia Ave	0.28	**230**	**R**								NA			NA		1997
From: 82-1515 Center St																
To: SR 211 New Market Rd																
1515 82 Center St	0.10	**310**	**R**								NA			NA		1997
From: SR 211 New Market Rd																
To: 82-1516 Shenandoah Ave																
1515 82 Center St	0.10	**220**	**R**								NA			NA		1997
From: 82-1516 Shenandoah Ave																
To: 82-1514 Virginia Ave																
1516 82 Shenandoah Ave	0.08	**80**	**R**								NA			NA		1997
From: 82-1515 Center St																
To: Dead End																
1517 82 Fourth St	0.03	**80**	**R**								NA			NA		1997
From: 82-1509 Fourth Ave																
To: 82-1510 Third Ave																
1517 82 Fourth St	0.06	**110**	**R**								NA			NA		1997
From: 82-1510 Third Ave																
To: 82-1511 Second Ave																
1517 82 Fourth St	0.06	**160**	**R**								NA			NA		1997
From: 82-1511 Second Ave																
To: 82-1512 First Ave																
1517 82 Fourth St	0.05	**260**	**R**								NA			NA		1997
From: 82-1512 First Ave																
To: SR 42; SR 211																
1519 82 Walnut Dr	0.06	**380**	**R**								NA			NA		1997
From: 82-1507 S, Maple Ave																
To: 82-1520 S, Oak St																
1519 82 Walnut Dr	0.20	**110**	**R**								NA			NA		1997
From: 82-1520 S, Oak St																
To: 82-1520 N, Oak St																
1519 82 Walnut Dr	0.13	**170**	**R**								NA			NA		1997
From: 82-1520 N, Oak St																
To: 82-1507 N, Maple Ave																
1520 82 Oak St	0.09	**150**	**R**								NA			NA		1997
From: 82-1519 S, Walnut Drive																
To: 82-1522 Pine St																
1520 82 Oak St	0.11	**50**	**R**								NA			NA		1997
From: 82-1522 Pine St																
To: 82-1519 N, Walnut Drive																
1521 82 E Riverside Dr	0.43	**310**	**R**								NA			NA		10/06/2003
From: 82-617 W, Church St																
To: ECL Timberville																
1522 82 Pine St	0.05	**90**	**R**								NA			NA		1997
From: 82-1507 Maple Ave																
To: 82-1520 Oak Street																
1523 82 Hollar Circle	0.10	**150**	**R**								NA			NA		10/08/2003
From: Dead End																
To: 82-617 Church St																
1524 82 Ridge Court	0.08	**150**	**R**								NA			NA		1997
From: Cul-de-Sac																
To: 82-1528 Lincoln Ct																
1524 82 Ridge Court	0.03	**360**	**R**								NA			NA		1997
From: 82-1528 Lincoln Ct																
To: 82-1525																
1524 82 Ridge Court	0.07	**440**	**R**								NA			NA		1997
From: 82-1525																
To: SR 211 New Market Rd																
1525 82 Ridge Court	0.07	**140**	**R**								NA			NA		1997
From: 82-1524 Ridge Court																
To: 82-1526 Williamsport Rd																
1525 82 Ridge Court	0.06	**100**	**R**								NA			NA		1997
From: 82-1526 Williamsport Rd																
To: Cul-de-Sac																

Route	Length	AADT	QA	4Tire	Bus	Truck: 2Axle	Truck: 3+Axle	Truck: 1Trail	Truck: 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
Town of Timberville																
1526 82 Williamsport Rd	0.06	**130**	**R**								NA			NA		1997
From: 82-1525 Ridge Court																
To: 82-1527 Sherrando Court																
1526 82 Williamsport Rd	0.03	**380**	**R**								NA			NA		1997
From: 82-1527 Sherrando Court																
To: SR 211 New Market Rd																
1527 82 Sherrando Court	0.10	**170**	**R**								NA			NA		1997
From: 82-1526 Williamsport Rd																
To: Cul-de-Sac																
1528 82 Lincoln Ct	0.08	**160**	**R**								NA			NA		1997
From: Cul-de-Sac																
To: 82-1524 Ridge Court																
1529 82 Riggleman Dr	0.18	**370**	**R**								NA			NA		08/24/2000
From: Cul-de-Sac																
To: 82-1507 Maple Ave																
1530 82 Co-op Dr	0.04	**630**	**R**								NA			NA		10/14/2003
From: WCL Timberville N																
To: 82-1508 N, Fifth Ave																
1530 82 Co-op Dr	0.08	**860**	**R**								NA			NA		12/03/2003
From: 82-1508 N, Fifth Ave																
To: 82-1509 N, Fourth Ave																
1530 82 Co-op Dr	0.05	**1200**	**R**								NA			NA		08/24/2000
From: 82-1509 N, Fourth Ave																
To: 82-1510 N, Third Ave																
1530 82 Co-op Dr	0.08	**950**	**R**								NA			NA		12/08/2003
From: 82-1510 N, Third Ave																
To: 82-1511 N, Second Ave																
1530 82 Co-op Dr	0.02	**1100**	**R**								NA			NA		10/14/2003
From: 82-1511 N, Second Ave																
To: 82-1507 Riverside Dr																
1530 82 Co-op Dr	0.05	**1100**	**R**								NA			NA		08/24/2000
From: 82-1507 Riverside Dr																
To: 82-1512 NORTH First Ave																
1530 82 Co-op Dr	0.06	**860**	**R**								NA			NA		10/01/2003
From: 82-1512 NORTH																
To: SR 42 N, Forestville Rd																