2009
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report
245

Town of Jonesville

Information in this report is included in Report

52

(Lee 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.

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2009
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Town of Jonesville

Route	Jurisdiction		Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
58	Town of Jonesville (Maint: 52)	From: WCL Jonesville	0.95	**4600**	**N**	94%	0%	1%	1%	4%	0%	N	0.096	N	0.580	4800	N
		To: ALT US 58															
58 Wilderness Rd	Town of Jonesville (Maint: 52)	From: ALT US 58	0.74	**5100**	**G**	92%	1%	1%	1%	6%	0%	F	0.099	F	0.725	5400	G
		To: ECL Jonesville															
ALT 58 Main St	Town of Jonesville (Maint: 52)	From: US 58 Jones St	0.59	**6000**	**G**	96%	1%	1%	1%	1%	0%	C	0.1	F	0.557	6400	G
		To: NCL Jonesville															
70	Town of Jonesville (Maint: 52)	From: SCL Jonesville	0.04	**740**	**N**	95%	1%	1%	0%	1%	0%	N	0.106	N	0.602	780	N
		To: US 58															

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						2Axle	3+Axle	1Trail	2Trail							
Town of Jonesville																
648 52	0.20	**520**	**G**	99%	0%	0%	0%	0%	0%	F	0.100	N	0.536	540	G	2009
From: SCL Jonesville To: US 58; 52-1200																
648 52 Town Branch Rd	0.55	**1500**	**R**								NA			NA		02/17/2009
From: US 58; 52-1200 To: NCL Jonesville																
649 52 Park St	0.32	**680**	**R**								NA			NA		02/26/2009
From: Dead End To: US 58 S, Jones St																
649 52 Park St	0.08	**2100**	**R**								NA			NA		02/26/2009
From: US 58 N, Alt US 58 To: 52-1201 Institute St																
649 52 Collins Rd	0.22	**1100**	**R**								NA			NA		02/26/2009
From: 52-1225 Park St To: 52-1225 Church St																
649 52 Collins Rd	0.05	**150**	**R**								NA			NA		02/26/2009
From: US 58 Main St To: NCL Jonesville																
650 52 Harlan Rd	0.40	**300**	**G**	99%	1%	0%	0%	0%	0%	C	0.121	F	0.634	320	G	2009
From: SR 70 Trail of the Lonesome Pine To: SCL Jonesville																
864 52 Bus Shop Rd	0.07	**570**	**R**								NA			NA		02/17/2009
From: US 58; 52-648 To: Dead End																
1200 52 Martin Subdivision Rd	0.68	**200**	**R**								NA			NA		02/17/2009
From: 52-650 Harlan Rd To: 52-649 Park St																
1201 52 Institute St	0.35	**590**	**R**								NA			NA		02/26/2009
From: 52-649 Park St To: 52-1205 Church St																
1201 52 Institute St	0.07	**130**	**R**								NA			NA		02/26/2009
From: 52-1205 Church St To: Dead End																
1201 52 Institute St	0.10	**460**	**R**								NA			NA		02/26/2009
From: US 58 To: 52-1201 Institute St																
1202 52 Ely St	0.07	**240**	**R**								NA			NA		02/26/2009
From: Dead End To: US 58																
1203 52 Russell St	0.35	**250**	**R**								NA			NA		02/26/2009
From: US 58 Jones St To: 52-648 Town Branch Rd																
1204 52 Cunningham St	0.12	**210**	**R**								NA			NA		02/17/2009
From: US 58 Jones St To: Alt US 58																
1205 52 Church St	0.03	**610**	**R**								NA			NA		02/26/2009
From: Alt US 58 To: 52-1201 Institute St																
1205 52 Church St	0.08	**1600**	**R**								NA			NA		02/26/2009
From: 52-1201 Institute St To: Dead End																
1205 52 Church St	0.15	**380**	**R**								NA			NA		02/26/2009
From: US 58 Jones St To: Alt US 58																
1206 52 Palace Pl	0.03	**2100**	**R**								NA			NA		02/26/2009
From: Alt US 58 To: 52-1201 Institute St																
1206 52 Palace Pl	0.08	**430**	**R**								NA			NA		02/26/2009
From: 52-1210 Fourth St To: 52-1208 Second St																
1207 52 Carlisle St	0.22	**180**	**R**								NA			NA		03/05/2009

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Town of Jonesville																
1207 52 Carlisle St	0.05	**250**	**R**								NA			NA		03/05/2009
From: 52-1208 Second St To: 52-650 Harlan Rd																
1208 52 Second St	0.10	**80**	**R**								NA			NA		03/05/2009
From: US 58 To: Dead End																
1209 52 Third St	0.10	**40**	**R**								NA			NA		03/05/2009
From: US 58 To: Dead End																
1210 52 Fourth St	0.12	**200**	**R**								NA			NA		03/03/2009
From: US 58; 52-1211 To: Dead End																
1211 52 Johnson St	0.08	**90**	**R**								NA			NA		03/03/2009
From: Dead End To: US 58; 52-1210																
1212 52 Holmes St	0.28	**290**	**R**								NA			NA		03/03/2009
From: 52-1217 Central St To: US 58																
1213 52 Martin St	0.18	**220**	**R**								NA			NA		03/03/2009
From: 52-1221 Crest Dr To: 52-1216 Second Ave																
1213 52 Martin St	0.12	**340**	**R**								NA			NA		03/03/2009
From: 52-1216 Second Ave To: US 58																
1214 52 Joslyn St	0.26	**190**	**R**								NA			NA		02/26/2009
From: 52-1220 Fitts Lane To: US 58																
1215 52 Harless Ave	0.15	**70**	**R**								NA			NA		02/26/2009
From: Dead End To: 52-1214 Joslyn St																
1216 52 Second Ave	0.06	**30**	**R**								NA			NA		03/03/2009
From: 52-1213 Martin St To: 52-1214 Joslyn St																
1217 52 Central St	0.17	**140**	**R**								NA			NA		03/03/2009
From: Dead End To: 52-1212 Holmes St																
1218 52 Randolph Ave	0.17	**90**	**R**								NA			NA		03/03/2009
From: Dead End To: 52-1212 Holmes St																
1218 52 Randolph Ave	0.11	**140**	**R**								NA			NA		03/03/2009
From: 52-1212 Holmes St To: 52-1213 Martin St																
1219 52 Gibson St	0.11	**100**	**R**								NA			NA		03/03/2009
From: 52-1221 Crest Dr To: 52-1218 Randolph Ave																
1220 52 Fitts Lane	0.06	**70**	**R**								NA			NA		03/03/2009
From: 52-1213 Martin St To: 52-1214 Joslyn St																
1221 52 Crest Dr	0.12	**80**	**R**								NA			NA		03/03/2009
From: 52-1219 Gibson St To: Dead End																
1223 52 Chapell St	0.18	**1200**	**R**								NA			NA		03/05/2009
From: Dead End To: 52-1224 Turner St																
1223 52 Chapell St	0.13	**2000**	**R**								NA			NA		03/05/2009
From: 52-1224 Turner St To: US 58																

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						2Axle	3+Axle	1Trail	2Trail							
Town of Jonesville																
1224 52 Turner St	0.08	**250**	From: Dead End **R** To: 52-1223 Chapell St								NA			NA		03/05/2009
1225 52 Park St	0.51	**270**	From: 52-649 Park St **R** To: Cul-de-Sac								NA			NA		02/26/2009
1226 52 Third St	0.12	**60**	From: 52-1238 Emmy Collins St **R** To: NCL Jonesville								NA			NA		03/05/2009
1227 52 Third St	0.05	**80**	From: Dead End **R** To: 52-1238 Emmy Collins St								NA			NA		03/05/2009
1228 52 Dale St	0.06	**200**	From: 52-1218 Randolph Ave **R** To: 52-1229 Dale St								NA			NA		03/03/2009
1229 52 Dale St	0.13	**230**	From: Dead End **R** To: 52-1228 Dale St								NA			NA		03/03/2009
1237 52 Lombardi Lane	0.03	**10**	From: Dead End **R** To: 52-1226 Third St								NA			NA		03/05/2009
1238 52 Emmy Collins St	0.07	**20**	From: Dead End **R** To: 52-1227 Third St								NA			NA		03/05/2009
1238 52 Emmy Collins St	0.05	**60**	From: **R** To: 52-1226 Third St								NA			NA		03/05/2009
1240 52 Moody Dr	0.08	**170**	From: Dead End **R** To: 52-1223 Chapell St								NA			NA		03/05/2009
9710 52 Middle School Rd	0.18	**400**	From: US 58 **R** To: Jonesville Middle School								NA			NA		03/03/2009