

2004

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

where available

Special Locality Report

144

Town of Farmville

Prepared By

**Virginia Department of Transportation
Mobility Management Division**

In Cooperation With

**U.S. Department of Transportation
Federal Highway Administration**

Virginia Department of Transportation
Mobility Management 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 at VDOT Mobility Management's 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’s Mobility Management 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



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



Secondary Route

Special Routes



Bus - Business Route

Bypas - Bypass Route

Truck - Truck Route



ALT - Alternate Route

Wve - 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 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
 Mobility Management Division
 2004
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Town of Farmville

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	
							2Axle	3+Axle	1Trail	2Trail							
Bus 15	Town of Farmville	From: SCL Farmville	0.72	13000	G	97%	1%	2%	0%	1%	0%	F	0.088	F	0.649	14000	G
Bus 15	Main Street	To: Old SCL Farmville	0.42	15000	G	97%	1%	2%	0%	1%	0%	C	0.087	F	0.528	17000	G
Bus 15	Main Street	From: Milnwood Rd	0.13	15000	G	97%	0%	2%	0%	1%	0%	F	0.086	F	0.504	16000	G
Bus 15	Main Street	To: Gilliam St	0.30	14000	G	97%	0%	2%	0%	1%	0%	F	0.083	F	0.582	15000	G
Bus 15	Main Street	From: Griffin Blvd	0.16	11000	G	97%	0%	2%	0%	1%	0%	F	0.089	F	0.517	12000	G
Bus 15	Main Street	To: Gross St	0.41	10000	G	97%	0%	2%	0%	1%	0%	C	0.091	F	0.562	11000	G
Bus 15	Main Street	From: Putney St	0.21	9700	G	97%	0%	2%	0%	1%	0%	F	0.091	F	0.59	11000	G
Bus 15	High Street	To: High Street	0.07	3600	G	97%	0%	2%	0%	1%	0%	F	0.091	F	0.567	3800	G
Bus 15	High Street	From: Venable Street	0.29	3500	G	96%	1%	2%	1%	1%	0%	F	0.085	F	0.514	3700	G
Bus 15	Oak Street	To: Oak Street	0.28	6100	G	96%	1%	2%	1%	1%	0%	F	0.092	F	0.547	6600	G
Bus 15	Third Street	From: High St	1.29	12000	G	96%	1%	2%	1%	1%	0%	C	0.092	F	0.533	12000	G
Bus 15	Third Street	To: Third St	0.94	7600	G	97%	0%	1%	1%	1%	0%	F	0.088	F	0.55	8300	G
Bus 15	Third Street	From: Oak Street	0.94	7600	G	97%	0%	1%	1%	1%	0%	F	0.088	F	0.55	8300	G
Bus 15	Third Street	To: Industrial Park Rd	0.94	7600	G	97%	0%	1%	1%	1%	0%	F	0.088	F	0.55	8300	G
Bus 15	Third Street	From: 73-695, WCL Farmville	0.94	7600	G	97%	0%	1%	1%	1%	0%	F	0.088	F	0.55	8300	G
45	Town of Farmville	From: BUS US 15; High Street	0.10	10000	G	96%	0%	2%	1%	1%	0%	F	0.112	F	0.506	11000	G
45	Main Street	To: BUS US 460; Third St	0.40	9300	G	96%	0%	2%	1%	1%	0%	C	0.092	F	0.563	10000	G
45	Main Street	From: River Rd	0.18	8000	G	96%	0%	2%	1%	1%	0%	F	0.086	F	0.552	8600	G
45	Main Street	To: Osborne Rd	0.73	6100	G	95%	0%	2%	1%	2%	0%	C	0.088	F	0.566	6600	G
45	Main Street	From: NCL Farmville	0.73	6100	G	95%	0%	2%	1%	2%	0%	C	0.088	F	0.566	6600	G

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							2Axle	3+Axle	1Trail	2Trail							
Bus 460 Bus 15 Third Street	Town of Farmville	From: 73-695, WCL Farmville To: Industrial Park Rd	0.94	7600	G	97%	0%	1%	1%	1%	0%	F	0.088	F	0.55	8300	G
Bus 460 Bus 15 Third Street	Town of Farmville	From: Industrial Park Rd To: RT 15 BUS	1.29	12000	G	96%	1%	2%	1%	1%	0%	C	0.092	F	0.533	12000	G
Bus 460 Third St	Town of Farmville	From: BUS US 15; Oak St To: SR 45; Main St	0.67	7500	G	92%	1%	5%	1%	1%	0%	F	0.094	F	0.629	8100	G
Bus 460 3rd Street	Town of Farmville	From: SR 45; Main St To: Virginia St	0.17	8800	G	92%	1%	5%	1%	1%	0%	C	0.087	F	0.505	9600	G
Bus 460 3rd Street	Town of Farmville	From: Virginia St To: Milnwood Rd	1.22	7500	G	92%	1%	5%	1%	1%	0%	F	0.092	F	0.549	8100	G
Bus 460 3rd Street	Town of Farmville	From: Milnwood Rd To: ECL Farmville	0.89	6900	G	92%	1%	5%	1%	1%	0%	F	0.095	F	0.590	7500	G

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						2Axle	3+Axle	1Trail	2Trail							
Town of Farmville																
(1) Industrial Park Dr	0.36	2100	G	96%	0%	1%	1%	1%	0%	C	0.108	F	0.594	2200	G	2004
						From: US 15 Third St										
						To: 73-753										
(1) Industrial Park Dr	0.74	580	G	96%	1%	2%	0%	0%	0%	C	0.093	F	0.542	630	G	2004
						From: 0.74 MI N OF 73-753										
						To: North St										
(2) 2nd Street	0.13	2800	G	96%	1%	3%	1%	0%	0%	C	0.099	F	0.594	3000	G	2004
						From: South St										
						To: High St										
(4) North St	0.11	2400	G	98%	0%	1%	1%	0%	0%	C	0.128	F	0.52	2600	G	2004
						From: Third St										
(4) North St	0.08	2800	G	97%	0%	2%	1%	0%	0%	C	0.098	F	0.594	3100	G	2004
						From: Second St										
						To: 4th St										
(5) South St	0.12	1900	G	97%	0%	1%	1%	1%	0%	C	0.106	F	0.524	2000	G	2004
						From: 3rd St										
(5) South St	0.09	1300	G	98%	0%	1%	1%	0%	0%	C	0.115	F	0.558	1400	G	2004
						From: 2nd St										
						To: Main St										
(3851) Griffin Blvd	0.79	3900	G	98%	0%	1%	1%	1%	0%	C	0.096	F	0.504	4300	G	2004
						From: High St										
						To: WCL Farmville										
(3852) High St	0.62	1800	G	97%	0%	1%	0%	0%	0%	F	0.117	F	0.584	2000	G	2004
						From: 4Th Ave										
(3852) High St	0.38	2600	G	97%	0%	1%	0%	0%	0%	C	0.104	F	0.529	2800	G	2004
						From: Oak St										
						To: Church St										
(3853) Virginia St	0.27	730	G	99%	0%	1%	1%	0%	0%	C	0.111	F	0.546	790	G	2004
						From: Longwood Ave										
(3853) Virginia St	0.10	3500	G	99%	0%	1%	1%	0%	0%	F	0.102	F	0.558	3800	G	2004
						From: Third St										
						To: First Avenue										
(3854) Barrow St	0.13	1000	G	96%	1%	1%	2%	0%	0%	C	0.127	F	0.54	1100	G	2004
						From: Griffin Blvd										
						To: 4Th Ave										
(3856) Gilliam Dr	0.23	780	G	98%	1%	1%	0%	0%	0%	C	0.119	F	0.606	840	G	2004
						From: Main St										
						To: High St										
(3857) Venable St	0.18	2400	G	99%	0%	0%	0%	0%	0%	C	0.115	F	0.534	2600	G	2004
						From: Main St										
						To: Bus US 15 Main St										
(3860) Milwood Rd	1.52	4800	G	98%	0%	1%	1%	0%	0%	C	0.093	F	0.519	5200	G	2004
						From: Bus US 460 Third St										
(3860) Persimmon Tree Fork R	0.47	610	G	98%	1%	1%	0%	0%	0%	C	0.105	F	0.597	660	G	2004
						From: 73-638 ECL Farmville										
						To: WCL Farmville										
(3862) Plank Rd	0.58	1800	G	92%	2%	3%	1%	2%	0%	C	0.097	F	0.574	2000	G	2004
						From: Main St										
(3862) River Rd	0.55	790	G	96%	0%	3%	0%	0%	0%	C	0.088	F	0.782	850	G	2004
						From: ECL Farmville										
						To: Main St										
(3864) 4th Street	0.16	2400	G	97%	0%	1%	1%	0%	0%	C	0.103	F	0.532	2600	G	2004
						From: Virginia St										
(3864) Longwood Ave	0.55	1900	G	98%	0%	1%	0%	1%	0%	F	0.118	F	0.574	2000	G	2004
						From: Cedar St										

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						2Axle	3+Axle	1Trail	2Trail							
Town of Farmville																
(3864) Longwood Ave	0.49	4200	G	98%	0%	1%	0%	1%	0%	C	0.088	F	0.568	4500	G	2004
				From:	Cedar St											
				To:	Third St											
1st Avenue		660	G								0.114	F		720	G	2004
				From:	School St											
				To:	Franklin St											
4th Avenue		90	G								0.152	F		90	G	2004
				From:	School St											
				To:	Fayette St											
Agee St		820	G								0.11	F		880	G	2004
				From:	Cobb St											
				To:	West Third St											
Bizarre St		190	G								0.124	F		200	G	2004
				From:	Georgia St											
				To:	Jefferson St											
Cobb St		230	G								0.146	F		240	G	2004
				From:	Agee St											
				To:	Holman St											
Edmund St		170	G								0.18	F		180	G	2004
				From:	Hill St											
				To:	Griffin Blvd											
Georgia St		130	G								0.14	F		140	G	2004
				From:	Stepney St											
				To:	Monroe St											
Holman St		230	G								0.146	F		240	G	2004
				From:	Cobb St											
				To:	West Third St											
Hylawn Ave		540	G								0.123	F		580	G	2004
				From:	Gum St											
				To:	ECL Farmville											
Monroe St		160	G								0.112	F		170	G	2004
				From:	Georgia St											
				To:	Maryland St											
Osborne Rd		770	G								0.086	F		830	G	2004
				From:	Main St											
				To:	Jefferson St											
Park Ave		180	G								0.126	F		200	G	2004
				From:	Watson St											
				To:	Serpell St											
Richardson St		50	G								0.141	F		60	G	2004
				From:	Watson St											
				To:	Glenn St											
School St		80	G								0.18	F		90	G	2004
				From:	4Th Ave											
				To:	3Rd Ave											
Vaughan St		1200	G								0.171	F		1300	G	2004
				From:	Longwood Ave											
				To:	Third St											
Watkins St		120	G								0.114	F		130	G	2004
				From:	Chambers St											
				To:	Redford St											