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

where available

Special Locality Report
144

Town of Farmville

Information in this report is included in Report

73

(Prince Edward 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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Town of Farmville

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
Bus 15 S Main St	Town of Farmville	0.52	**18000**	**G**	98%	0%	1%	1%	1%	0%	F	0.09	F		20000	G
From: US 15, US 460																
To: Belmont Circle																
Bus 15 Main St	Town of Farmville	0.62	**21000**	**G**	98%	0%	1%	1%	1%	0%	C	NA			22000	G
From: Belmont Circle																
To: Milnwood Rd																
Bus 15 Main St	Town of Farmville	0.13	**18000**	**G**	97%	0%	1%	1%	1%	0%	F	NA			19000	G
From: Milnwood Rd																
To: Gilliam St																
Bus 15 Main St	Town of Farmville	0.30	**17000**	**G**	97%	0%	1%	1%	1%	0%	F	NA			18000	G
From: Gilliam St																
To: Griffin Blvd																
Bus 15 Main St	Town of Farmville	0.16	**12000**	**G**	97%	0%	1%	1%	1%	0%	F	NA			13000	G
From: Griffin Blvd																
To: Gross St																
Bus 15 Main St	Town of Farmville	0.41	**11000**	**G**	97%	0%	1%	1%	1%	0%	F	NA			12000	G
From: Gross St																
To: Putney St																
Bus 15 Main St	Town of Farmville	0.21	**8900**	**G**	97%	0%	1%	1%	1%	0%	C	0.083	F		9600	G
From: Putney St																
To: High Street																
Bus 15 High St	Town of Farmville	0.07	**4800**	**G**	97%	0%	1%	1%	1%	0%	F	0.085	F	0.573	5200	G
From: Main Street																
To: Venable Street																
Bus 15 High St	Town of Farmville	0.29	**7000**	**G**	97%	0%	1%	0%	1%	0%	F	0.093	F	0.504	7600	G
From: Venable Street																
To: Oak Street																
Bus 15 Oak St	Town of Farmville	0.28	**6200**	**G**	97%	0%	1%	0%	1%	0%	F	0.083	F	0.575	6700	G
From: High St																
To: Third St																
Bus 15 Bus 460 Third St	Town of Farmville	1.29	**9400**	**G**	97%	0%	1%	0%	1%	0%	C	NA			10000	G
From: Oak Street																
To: Industrial Park Rd																
Bus 15 Bus 460 Third St	Town of Farmville	0.94	**7400**	**G**	97%	0%	1%	0%	1%	0%	F	0.084	F	0.558	7900	G
From: Industrial Park Rd																
To: 73-695, WCL Farmville																
45 Main St	Town of Farmville	0.10	**7900**	**G**	97%	1%	1%	1%	1%	0%	F	0.084	F		8600	G
From: BUS US 15; High Street																
To: BUS US 460; Third St																
45 Main St	Town of Farmville	0.40	**9900**	**G**	97%	1%	1%	1%	1%	0%	C	0.094	F		11000	G
From: BUS US 460; Third St																
To: River Rd																
45 Main St	Town of Farmville	0.18	**7500**	**G**	97%	1%	1%	1%	1%	0%	F	0.082	F		8100	G
From: River Rd																
To: Osborne Rd																
45 Main St	Town of Farmville	0.73	**6200**	**G**	96%	0%	1%	1%	1%	0%	C	0.094	F		6800	G
From: Osborne Rd																
To: NCL Farmville																

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Bus 460 Bus 15 Third St	From: 73-695, WCL Farmville															
	Town of Farmville	0.94	**7400**	**G**	97%	0%	1%	0%	1%	0%	F	0.084	F	0.558	7900	G
	To: Industrial Park Rd															
Bus 460 Bus 15 Third St	From:															
	Town of Farmville	1.29	**9400**	**G**	97%	0%	1%	0%	1%	0%	C	NA			10000	G
	To: RT 15 BUS															
Bus 460 Third St	From: BUS US 15; Oak St															
	Town of Farmville	0.67	**6700**	**G**	97%	0%	1%	1%	1%	0%	F	NA			7200	G
	To: SR 45; Main St															
Bus 460 3rd St	From:															
	Town of Farmville	0.17	**11000**	**G**	94%	1%	3%	1%	1%	0%	C	NA			12000	G
	To: Virginia St															
Bus 460 3rd St	From:															
	Town of Farmville	1.22	**9000**	**G**	94%	1%	3%	1%	1%	0%	F	NA			9800	G
	To: Milnwood Rd															
Bus 460 3rd St	From:															
	Town of Farmville	0.89	**7300**	**G**	97%	0%	1%	1%	1%	0%	F	NA			7900	G
	To: ECL Farmville															

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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 Farmville																
(1) Industrial Park Dr	0.36	**1800**	**G**	97%	1%	1%	0%	1%	0%	C	0.132	F		1900	G	2009
From: US 15 Third St																
To: 73-753 Weavexx Rd																
(1) Industrial Park Dr	0.74	**800**	**G**	97%	1%	1%	0%	1%	0%	C	0.104	F	0.52	870	G	2009
From: 73-753 Weavexx Rd																
To: 0.74 MI N OF 73-753 Weavexx Rd																
(2) 2nd St	0.13	**2000**	**G**	98%	1%	1%	0%	0%	0%	C	0.099	F	0.554	2200	G	2009
From: North St																
To: South St																
(4) North St	0.11	**2100**	**G**	98%	0%	1%	1%	0%	0%	C	0.099	F	0.661	2300	G	2009
From: High St																
To: Bus US 15, Bus US 460 Third St																
(4) North St	0.08	**2500**	**G**	98%	0%	1%	0%	0%	0%	C	0.108	F	0.566	2800	G	2009
From: Bus US 15, Bus US 460 Third St																
To: Second St																
(5) South St	0.12	**1500**	**G**	97%	0%	2%	0%	0%	0%	C	0.108	F	0.54	1600	G	2009
From: 4th St																
To: Bus US 460 3rd St																
(5) South St	0.09	**1200**	**G**	98%	0%	1%	0%	0%	0%	C	0.117	F	0.557	1300	G	2009
From: Bus US 460 3rd St																
To: 2nd St																
(3851) Griffin Blvd	0.79	**7900**	**G**	98%	0%	2%	0%	0%	0%	C	0.089	F		8600	G	2009
From: Main St																
To: High St																
(3852) High St	0.62	**2000**	**G**	98%	0%	1%	1%	0%	0%	F	0.114	F	0.574	2200	G	2009
From: WCL Farmville																
To: 4Th Ave																
(3852) High St	0.38	**2500**	**G**	98%	0%	1%	1%	0%	0%	C	0.107	F	0.617	2700	G	2009
From: 4Th Ave																
To: Oak St																
(3853) Virginia St	0.27	**2400**	**G**	98%	0%	1%	0%	0%	0%	C	0.104	F	0.515	2700	G	2009
From: Church St																
To: Longwood Ave																
(3853) Virginia St	0.10	**3100**	**G**	98%	0%	1%	0%	0%	0%	F	0.108	F	0.534	3300	G	2009
From: Longwood Ave																
To: Third St																
(3854) Barrow St	0.13	**870**	**G**	97%	1%	2%	0%	1%	0%	C	0.104	F	0.6	950	G	2009
From: First Avenue																
To: Griffin Blvd																
(3856) Gilliam Dr	0.23	**860**	**G**	99%	0%	1%	0%	0%	0%	C	0.097	F	0.553	930	G	2009
From: 4Th Ave																
To: Main St																
(3857) Venable St	0.18	**1600**	**G**	99%	0%	1%	0%	0%	0%	C	0.106	F		1700	G	2009
From: High St																
To: Main St																
(3860) Milnwood Rd	1.52	**5700**	**G**	98%	0%	1%	0%	0%	0%	C	0.098	F		6200	G	2009
From: Bus US 15 Main St																
To: Bus US 460 Third St																
(3860) Persimmon Tree Fork R	0.47	**610**	**G**	96%	1%	2%	0%	1%	0%	C	0.093	F	0.739	660	G	2009
From: Bus US 460 Third St																
To: 73-638 ECL Farmville																
(3862) Plank Rd	0.58	**1800**	**G**	97%	1%	1%	1%	1%	0%	C	0.101	F	0.56	2000	G	2009
From: WCL Farmville																
To: Main St																
(3862) River Rd	0.55	**730**	**G**	98%	0%	1%	0%	0%	0%	C	0.099	F	0.675	790	G	2009
From: Main St																
To: ECL Farmville																
(3864) 4th St	0.16	**2200**	**G**	98%	0%	1%	0%	0%	0%	C	0.101	F	0.545	2400	G	2009
From: Bus US 15 South Main St																
To: Virginia St																
(3864) Longwood Ave	0.55	**1800**	**G**	98%	0%	1%	0%	0%	0%	F	0.115	F	0.627	1900	G	2009
From: Virginia St																
To: Cedar Ave																

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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							
Town of Farmville																
(3864) Longwood Ave	0.49	**2200**	**G**	98%	0%	1%	0%	0%	0%	C	0.129	F		2400	G	2009
From: Cedar Ave / To: Bus US 460 Third St																
1st Avenue		**640**	**G**								0.106	F	0.611	690	G	2009
From: School St / To: Franklin St																
4th Avenue		**80**	**G**								0.164	F	0.517	90	G	2009
From: School St / To: Fayette St																
Agee St		**960**	**G**								0.116	F	0.577	1000	G	2009
From: Cobb St / To: West Third St																
Bizarre St		**140**	**G**								0.125	F	0.762	150	G	2009
From: Georgia St / To: Jefferson St																
Cobb St		**70**	**G**								0.188	F	0.5	80	G	2009
From: Agee St / To: Holman St																
Edmund St		**130**	**G**								0.155	F	0.796	140	G	2009
From: Hill St / To: Griffin Blvd																
Georgia St		**80**	**G**								0.18	F	0.969	90	G	2009
From: Stepney St / To: Monroe St																
Holman St		**230**	**G**								0.118	F	0.687	250	G	2009
From: Cobb St / To: West Third St																
Hylawn Ave		**350**	**G**								0.119	F	0.652	380	G	2009
From: Gum St / To: ECL Farmville																
Monroe St		**170**	**G**								0.125	F	0.609	180	G	2009
From: Georgia St / To: Maryland St																
Osborne Rd		**580**	**G**								0.105	F	0.594	630	G	2009
From: Main St / To: Jefferson St																
Park Ave		**140**	**G**								0.132	F	0.581	150	G	2009
From: Watson St / To: Serpell St																
Richardson St		**30**	**G**								0.359	F	0.857	30	G	2009
From: Watson St / To: Glenn St																
School St		**47**	**G**								0.25	F	0.593	50	G	2009
From: 4th Ave / To: 3rd Ave																
Vaughan St		**740**	**G**								0.1	F		810	G	2009
From: Longwood Ave / To: Third St																
Watkins St		**120**	**G**								0.142	F	0.667	130	G	2009
From: Chambers St / To: Redford St																