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

where available

Special Locality Report
251

Town of Lawrenceville

Information in this report is included in Report

12

(Brunswick 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 Lawrenceville

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 46 58	Town of Lawrenceville (Maint: 12)	From: CL Lawrenceville	0.80	**6600**	**N**	97%	0%	1%	0%	1%	0%	N	0.104	N	0.575	7100	N
		To: N US 58 BUS															
46 Windsor Ave	Town of Lawrenceville (Maint: 12)	From: US 58 Bus N	0.64	**3500**	**G**								0.095	F	0.562	3800	G
		To: NCL Lawrenceville															
Bus 58 46	Town of Lawrenceville (Maint: 12)	From: SCL Lawrenceville	0.80	**6600**	**N**	97%	0%	1%	0%	1%	0%	N	0.104	N	0.575	7100	N
		To: SR 46, E Church St															
Bus 58 Main St	Town of Lawrenceville (Maint: 12)	From: ECL Lawrenceville	0.35	**5800**	**G**	97%	0%	1%	0%	1%	0%	F	0.101	F	0.520	6300	G
		To:															

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Town of Lawrenceville																
678 12 Railroad St	0.25	**510**	**R**								NA			NA		03/19/2007
From: 12-713, S Main St																
To: ECL Lawrenceville																
695 12 Fox Lane	0.06	**180**	**R**								NA			NA		03/15/2007
From: WCL Lawrenceville																
To: 12-1019 Union St																
695 12 First Ave; Union St	0.10	**220**	**R**								NA			NA		03/15/2007
From: 12-1029 Davenport St																
To: 12-1004 Belt Rd																
695 12 First Ave; Union St	0.13	**210**	**R**								NA			NA		03/15/2007
From: SCL Lawrenceville																
To: 12-1005 Fifth Ave																
713 12 S Main St	0.15	**500**	**G**	98%	1%	0%	1%	0%	0%	F	0.105	F	0.821	550	G	2009
From: 12-1005 Fifth Ave																
To: Bus US 58																
713 12 S Main St	0.33	**770**	**G**	98%	1%	0%	1%	0%	0%	C	0.105	F	0.522	830	G	2009
From: 12-1010 Court St																
To: SR 46; Bus US 58																
1000 12 Church St	0.02	**600**	**R**								NA			NA		03/15/2007
From: 12-1016 New St																
To: 12-1015, W Third St																
1001 12 Park St	0.07	**140**	**R**								NA			NA		03/13/2007
From: 12-1015, W Third St																
To: 12-1017 Second Ave																
1001 12 Park St	0.07	**170**	**R**								NA			NA		03/13/2007
From: 12-1017 Second Ave																
To: SR 46 Windsor Ave																
1001 12 Park St	0.13	**210**	**R**								NA			NA		03/13/2007
From: WCL Lawrenceville																
To: 12-1004 Belt Rd																
1003 12 Brickyard St	0.06	**360**	**R**								NA			NA		03/15/2007
From: 12-1005 Fifth Ave																
To: 12-1003 Brickyard St																
1004 12 Belt Rd	0.12	**640**	**G**	98%	0%	1%	0%	0%	0%	F	0.091	F	0.523	700	G	2009
From: 12-1003 Brickyard St																
To: 12-1017 Second Ave; 12-1030																
1004 12 Belt Rd	0.17	**400**	**G**	98%	0%	1%	0%	0%	0%	F	0.115	F	0.529	430	G	2009
From: 12-695 Union St; First Ave																
To: 12-695 First Ave; Union St																
1004 12 Belt Rd	0.09	**270**	**G**	98%	0%	1%	0%	0%	0%	F	0.114	F	0.6	290	G	2009
From: 12-695 First Ave; Union St																
To: SR 46 Windsor Ave																
1004 12 Belt Rd	0.16	**340**	**G**	98%	0%	1%	0%	0%	0%	C	0.130	F	0.569	370	G	2009
From: 12-1004 Belt Rd																
To: Bus US 58																
1005 12 W Fifth Ave	0.51	**820**	**G**	96%	1%	2%	0%	1%	0%	C	0.096	F	0.581	890	G	2009
From: Bus US 58																
To: 12-713, S Main St																
1005 12 W Fifth Ave	0.25	**670**	**G**	96%	1%	2%	0%	1%	0%	F	0.104	F	0.596	720	G	2009
From: 12-1022 Turnbull St																
To: 12-1020 Thomas St																
1005 12 E Fifth St	0.10	**310**	**R**								NA			NA		03/13/2007
From: 12-1016 New St																
To: SR 46 Windsor Ave																
1006 12 High St	0.19	**1400**	**G**	95%	2%	1%	1%	2%	0%	C	0.095	F	0.593	1500	G	2009
From: SR 46 Windsor Ave																
To: Bus US 58																
1007 12 Plank Rd	0.22	**660**	**R**								NA			NA		08/17/2004

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Town of Lawrenceville																
1009 12 New Hicks St	0.04	**120**	**R**								NA			NA		08/17/2004
From: 12-1014 South St To: 12-1025 Sharp St																
1009 12 New Hick St	0.07	**810**	**G**	98%	1%	1%	0%	0%	0%	F	0.126	F	0.536	880	G	2009
From: 12-1025 Sharp St To: US 58 BUS WEST																
1009 12 New Hick St	0.03	**1600**	**G**	98%	1%	1%	0%	0%	0%	F	0.103	F	0.529	1700	G	2009
From: US 58 BUS EAST To: 12-1010 Court St; 12-1040																
1010 12 Court St	0.20	**680**	**G**	98%	1%	1%	0%	0%	0%	C	0.124	F	0.515	730	G	2009
From: 12-1009; 12-1040 Hicks St To: Bus US 58																
1011 12 Bank St	0.02	**420**	**R**								NA			NA		03/15/2007
From: Bus US 58 To: 12-1010 Court St																
1012 12 W Fourth Ave	0.10	**30**	**R**								NA			NA		03/15/2007
From: 12-1004 Belt Rd To: 12-1013 Beech																
1013 12 Beech	0.07	**40**	**R**								NA			NA		03/15/2007
From: 12-1012, W Fourth Ave To: 12-1005 Fifth Ave																
1014 12 South St	0.23	**180**	**R**								NA			NA		03/15/2007
From: 12-1005 Fifth Ave To: 12-1009 New Hicks St																
1015 12 W Third St	0.31	**250**	**R**								NA			NA		03/15/2007
From: 12-1004 Belt Rd To: 12-1006 High St																
1016 12 New St	0.06	**280**	**R**								NA			NA		03/13/2007
From: 12-1001 Park St To: 12-1006 High St																
1016 12 New St	0.18	**1700**	**G**	95%	2%	1%	1%	2%	0%	C	0.098	F	0.556	1800	G	2009
From: 12-1006 High St To: Bus US 58																
1017 12 Second Ave	0.16	**210**	**R**								NA			NA		03/13/2007
From: 12-1019 Union St To: 12-1004; 12-1030																
1017 12 Second Ave	0.09	**240**	**R**								NA			NA		03/13/2007
From: 12-1004 Belt Rd; 12-1030 To: 12-1028 Maple St																
1017 12 Second Ave	0.16	**410**	**R**								NA			NA		03/13/2007
From: 12-1028 Maple St To: 12-1006 High St																
1018 12 Sixth Ave	0.15	**130**	**R**								NA			NA		03/13/2007
From: 12-1032 Walnut St To: 12-1001 Park St																
1018 12 Sixth Ave	0.45	**290**	**R**								NA			NA		08/17/2004
From: 12-1001 Park St To: 12-713, S Main St																
1019 12 Union St	0.15	**90**	**R**								NA			NA		08/17/2004
From: 12-1017 Second Ave To: 12-1026 Grove Ave																
1020 12 Thomas St	0.22	**30**	**R**								NA			NA		08/17/2004
From: Dead End To: 12-1037 Randolph St																
1021 12 E Third Ave	0.10	**150**	**R**								NA			NA		08/17/2004
From: 12-713, S Main St To: 12-1022 Turnball St																
1022 12 Turnbull St	0.15	**70**	**R**								NA			NA		03/15/2007
From: Dead End To: 12-1033, E Fourth Ave																

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Town of Lawrenceville																
1022 12 Turnbull St	0.13	**70**	From: 12-1033, E Fourth Ave **R** To: 12-1037 Randolph St								NA			NA		03/15/2007
1023 12 Davie St	0.07	**130**	From: Dead End **R** To: 12-1031 Church St								NA			NA		03/15/2007
1024 12 Riddick	0.08	**90**	From: 12-1023 Davie St **R** To: 12-1025 Sharp St								NA			NA		03/15/2007
1025 12 Sharp St	0.04	**1500**	From: 12-1016 New St **G**	98%	1%	1%	0%	0%	0%	C	0.098	F	0.578	1700	G	2009
1025 12 Sharp St	0.04	**1800**	To: 12-1009 New Hick St From: **G**	98%	1%	1%	0%	0%	0%	F	0.104	F	0.524	1900	G	2009
			To: 12-1024 Riddick St													
1026 12 Grove Ave	0.10	**90**	From: 12-1019 Union St **R** To: 12-1029 Davenport St								NA			NA		03/13/2007
1026 12 Grove Ave	0.07	**120**	From: **R** To: 12-1030 Maria St								NA			NA		03/13/2007
1026 12 Grove Ave	0.08	**140**	From: **R** To: 12-1004 Belt Rd; 12-1028								NA			NA		03/13/2007
1027 12 Meredith St	0.06	**550**	From: Bus US 58 **G**	98%	1%	1%	0%	0%	0%	C	0.112	F	0.686	590	G	2009
			To: 12-713, S Main St													
1028 12 Maple St	0.15	**140**	From: 12-1017 Second Ave **R** To: 12-1004 Belt Rd; 12-1026								NA			NA		03/13/2007
1029 12 Davenport St	0.08	**30**	From: 12-1017 Second Ave **R** To: 12-695 First Ave; Union St								NA			NA		03/13/2007
1029 12 Davenport St	0.06	**30**	From: **R** To: 12-1026 Grove Ave								NA			NA		03/13/2007
1030 12 Maria St	0.13	**120**	From: 12-1004 Belt Rd **R** To: 12-1026 Grove Ave								NA			NA		03/13/2007
1031 12 Church St	0.06	**460**	From: 12-1006 High St **R** To: 12-1023 Davie St								NA			NA		03/15/2007
1031 12 Church St	0.03	**330**	From: **R** To: SR 46 Windsor Ave								NA			NA		03/15/2007
1032 12 Walnut St	0.01	**7**	From: Dead End **R** To: 12-1018 Sixth Ave								NA			NA		03/15/2007
1032 12 Walnut St	0.15	**60**	From: **R** To: Fourth St								NA			NA		03/15/2007
1033 12 E Fourth Ave	0.09	**60**	From: 12-713, S Main St **R** To: 12-1022 Turnbull St								NA			NA		03/15/2007
1034 12 Truck St	0.08	**140**	From: Dead End **R** To: SR 46 Windsor Ave								NA			NA		03/15/2007
1035 12 Tobacco St	0.09	**270**	From: 12-1010 Court St **R** To: Dead End								NA			NA		03/15/2007

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Town of Lawrenceville																
1036 12 Walker St	0.04	**60**	From: Dead End **R** To: 12-678 Railroad St								NA			NA		03/15/2007
1037 12 Randolph St	0.07	**50**	From: 12-1022 Turnbull St **R** To: 12-1020 Thomas St								NA			NA		03/15/2007
1038 12	0.13	**NA**	From: 12-1039 To: SR 46 Windsor Ave								NA			NA		
1039 12	0.05	**NA**	From: Cul-de-Sac To: 12-1038								NA			NA		
1039 12	0.04	**NA**	From: To: Cul-de-Sac								NA			NA		
1040 12 Taft St	0.10	**120**	From: 12-1009 New Hick St; 12-1010 **R** To: Dead End								NA			NA		03/15/2007