2018
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report
250

Town of LaCrosse

Information in this report is included in Report

58

(Mecklenburg 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
2018
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of LaCrosse

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 LaCrosse (Maint: 58)	From: WCL LaCrosse	0.52	26000	N	81%	1%	1%	1%	16%	1%	N	0.079	F	0.506	25000	N
		To: ECL LaCrosse															

Virginia Department of Transportation
Traffic Engineering Division
2018
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of LaCrosse

Route	Length	AADT	QA	4Tire	Bus	Truck				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of LaCrosse																
618 58 Main St	0.23	**3600**	**G**	98%	1%	1%	0%	1%	0%	F	0.104	F	0.701	3700	G	2018
From: SCL LaCrosse																
To: 58-1507 Seaboard St																
618 5R Main St	0.17	**5100**	**G**	98%	1%	1%	0%	1%	0%	F	0.101	F	0.537	5200	G	2018
From: 58-1507 Seaboard St																
To: 58-621 Main St																
618 58 Main St	0.35	**1700**	**G**	98%	1%	1%	0%	1%	0%	F	0.103	F	0.631	1700	G	2018
From: 58-621 Main St																
To: WCL LaCrosse																
621 5R Main St	0.34	**3600**	**G**	94%	1%	1%	0%	3%	0%	F	0.101	F	0.551	3700	G	2018
From: 58-618 High St																
To: US 58																
621 5R Country Club Rd	0.18	**1400**	**G**	94%	1%	1%	0%	3%	0%	F	0.109	F	0.519	1400	G	2018
From: US 58																
To: NCL LaCrosse																
624 5R Hillcrest Rd	0.14	**70**	**R**								NA			NA		06/27/2013
From: SCL LaCrosse																
To: 58-618 N, Main St																
624 5R Hillcrest Rd	0.22	**160**	**R**								NA			NA		06/25/2013
From: 58-618 N, Main St																
To: 58-1503 Carter St																
1502 5R Montgomery St	0.14	**10**	**R**								NA			NA		07/31/2013
From: 0.08 MS 58-1520																
To: Dead End, Gap																
1502 58 Montgomery St	0.10	**90**	**R**								NA			NA		08/01/2013
From: Dead End, Gap																
To: 0.06 MN 58-1503																
1503 58 S Carter St	0.02	**130**	**R**								NA			NA		08/01/2013
From: 58-1511 Moseley St																
To: 58-624 Hillcrest Rd																
1503 58 S Carter St	0.13	**180**	**R**								NA			NA		08/01/2013
From: 58-624 Hillcrest Rd																
To: 58-1505 College St																
1503 58 S Carter St	0.26	**620**	**G**	96%	2%	1%	0%	1%	0%	C	0.125	F	0.549	640	G	2018
From: 58-1505 College St																
To: 58-1520 Pine St																
1503 58 S Carter St	0.03	**830**	**G**	96%	2%	1%	0%	1%	0%	F	0.142	F	0.51	860	G	2018
From: 58-1520 Pine St																
To: US 58																
1503 5R N Carter St	0.16	**40**	**R**								NA			NA		07/31/2013
From: US 58																
To: 58-1518 Woodlawn Ave																
1503 5R N Carter St	0.07	**30**	**R**								NA			NA		07/31/2013
From: 58-1518 Woodlawn Ave																
To: 58-1502 Montgomery St																
1505 5R College St	0.22	**200**	**G**	95%	3%	2%	0%	0%	0%	C	0.121	F	0.522	200	G	2018
From: 58-618 Main St																
To: 58-1503 Carter St																
1506 5R Carolina St	0.14	**60**	**R**								NA			NA		07/25/2013
From: 58-624 Hillcrest Rd																
To: 58-1505 College St																
1506 58 Carolina St	0.05	**80**	**R**								NA			NA		07/25/2013
From: 58-1505 College St																
To: 58-1512 Walker St																
1506 5R Carolina St	0.07	**70**	**R**								NA			NA		07/25/2013
From: 58-1512 Walker St																
To: Dead End																
1507 58 Seaboard St	0.26	**350**	**R**								NA			NA		07/25/2013
From: Dead End																
To: 58-618 Main St																
1508 58 Harrison St	0.12	**120**	**R**								NA			NA		08/01/2013
From: 58-1503 Carter St																
To: 58-1529 Jackson St																
1508 5R Harrison St	0.03	**50**	**R**								NA			NA		08/01/2013
From: 58-1529 Jackson St																
To: ECL LaCrosse																

Virginia Department of Transportation
Traffic Engineering Division
2018
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of LaCrosse

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 LaCrosse																
1509 58 Meredith St	0.10	**80**	From: Dead End **R** To: 58-1523, Gap								NA			NA		07/25/2013
1509 58 Meredith St	0.08	**30**	From: Dead End, Gap **R** To: 58-1507 Seaboard St								NA			NA		07/25/2013
1510 5R Sycamore St	0.31	**250**	From: SCL LaCrosse **R** To: 58-1507 Seaboard St								NA			NA		07/25/2013
1511 58 Moseley St	0.11	**90**	From: 58-1503 Carter St **R** To: 58-1529 Jackson St								NA			NA		08/01/2013
1512 5R Walker St	0.15	**46**	From: 58-1506 Carolina St **R** To: 58-1503 Carter St								NA			NA		08/01/2013
1513 5R Virginia St	0.21	**290**	From: Dead End **R** To: 58-1503 Carter St								NA			NA		07/25/2013
1514 5R Piland St	0.05	**60**	From: 58-1520 Pine St **R** To: Dead End								NA			NA		08/01/2013
1517 58 Walnut St	0.08	**90**	From: 58-1520 Pine St **R** To: NCL LaCrosse								NA			NA		07/24/2013
1518 58 Woodlawn Ave	0.07	**1**	From: 58-1503 Carter St **R** To: Dead End								NA			NA		07/31/2013
1519 58 Lombardi St	0.05	**6**	From: Dead End **R** To: 58-1503 Carter St								NA			NA		07/31/2013
1520 58 W Pine St	0.04	**80**	From: WCL LaCrosse **R** To: 58-1528 Center St								NA			NA		05/17/2016
1520 5R W Pine St	0.06	**90**	From: 58-1528 Center St **R** To: 58-1517 Walnut St								NA			NA		05/17/2016
1520 5R W Pine St	0.22	**170**	From: 58-1517 Walnut St **R** To: 58-621 Main St								NA			NA		05/17/2016
1520 5R W Pine St	0.29	**390**	From: 58-621 Main St **G** To: 58-1503 Carter St	96%	3%	1%	0%	0%	0%	C	0.133	F	0.55	400	G	2018
1520 5R W Pine St	0.10	**190**	From: 58-1503 Carter St **R** To: ECL LaCrosse								NA			NA		05/17/2016
1521 5R Virginia St	0.11	**270**	From: 58-1503 Carter St **R** To: ECL LaCrosse								NA			NA		08/01/2013
1523 58 Jones St	0.08	**200**	From: 58-1509 Meredith St **R** To: Dead End								NA			NA		08/01/2013
1527 5R Rockwell St	0.04	**30**	From: 58-1512 Walker St **R** To: 58-1513 Virginia St								NA			NA		07/25/2013
1528 58 Center St	0.07	**90**	From: 58-1520, W Pine St **R** To: NCL LaCrosse								NA			NA		07/24/2013
1529 5R Jackson St	0.08	**90**	From: 58-1511 Moseley St **R** To: 58-1508 Harrison St								NA			NA		08/01/2013