2010
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report
323

Town of Waverly

Information in this report is included in Report

91

(Sussex 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
2010
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Waverly

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	Truck				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: WCL Waverly															
40 W Main St	Town of Waverly (Maint: 91)	0.76	**1800**	**N**	80%	3%	1%	2%	13%	0%	N	0.096	N	0.622	1900	N
	To: 91-651 Lobbs Shop Rd															
	From: 91-651 Lobbs Shop Rd															
40 W Main St	Town of Waverly (Maint: 91)	1.15	**4000**	**G**	89%	1%	1%	1%	7%	0%	C	0.089	F		4300	G
	To: US 460 General Mahone Hwy															
	From: US 460 General Mahone Hwy															
40 W Main St	Town of Waverly (Maint: 91)	1.25	**2900**	**G**	95%	1%	1%	2%	2%	0%	C	0.097	F		3100	G
	To: ECL Waverly															
	From: WCL Waverly															
460	Town of Waverly (Maint: 91)	0.66	**12000**	**N**	84%	0%	1%	1%	13%	0%	N	NA			11000	N
	To: SR 40 W Main St															
	From: SR 40 W Main St															
460	Town of Waverly (Maint: 91)	0.72	**9300**	**N**	84%	0%	1%	1%	13%	0%	N	0.089	N	0.501	8200	N
	To: ECL Waverly															

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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 Waverly																
			From: SR 40 W, W Main St													
606 91 Beaver Dam Rd	0.60	**270**	**G**	96%	1%	2%	0%	1%	0%	F	0.117	F	0.522	290	G	2010
			To: NCL Waverly													
			From: SR 40, W Main St													
615 91 Georgetown Rd	0.28	**310**	**R**								NA			NA		04/01/2008
			To: ECL Waverly													
			From: WCL Waverly													
651 91 Lobbs Shop Rd	0.28	**510**	**N**	93%	1%	2%	3%	1%	0%	N	0.122	N	0.611	550	N	2010
			To: SR 40 W Main St													
			From: 91-606 Beaver Dam Rd													
653 91 Bank St	0.94	**560**	**G**	98%	1%	1%	0%	0%	0%	C	0.114	F	0.565	600	G	2010
			To: 91-654 Gray Ave													
653 91 Bank St	0.26	**680**	From: **G**	98%	1%	1%	0%	0%	0%	F	0.110	F	0.595	730	G	2010
			To: SR 40 E, W Main St													
			From: SR 40 W, W Main St													
653 91 Hunter St	0.09	**340**	**G**	95%	2%	2%	1%	1%	0%	C	0.130	F	0.813	360	G	2010
			To: US 460 North													
			From: US 460 South													
653 91 Hunter St	0.21	**130**	**G**	97%	1%	1%	1%	0%	0%	C	0.138	F	0.765	130	G	2010
			To: 91-1002													
653 91 Bank St; Spring Branch	0.46	**210**	From: **N**	97%	1%	1%	1%	0%	0%	N	0.197	N	0.519	230	N	2010
			To: NCL Waverly													
			From: SCL Waverly													
654 91 Coppahaunk Ave	0.49	**280**	**G**	97%	1%	2%	0%	0%	0%	F	0.107	F	0.623	300	G	2010
			To: 91-1014 Norris Ave													
654 91 Coppahaunk Rd	0.40	**510**	From: **G**	97%	1%	2%	0%	0%	0%	C	0.122	F	0.525	550	G	2010
			To: 91-653 Bank St													
			From: SR 40, W Main St													
1001 91 New St	0.11	**1000**	**R**								NA			NA		02/07/2008
			To: 91-1006 School St													
1001 91 New St	0.17	**870**	From: **R**								NA			NA		02/07/2008
			To: 91-1009 Maple St													
1001 91 New St	0.06	**490**	From: **R**								NA			NA		02/07/2008
			To: 91-1011 Pine St													
1001 91 New St	0.08	**280**	From: **R**								NA			NA		02/07/2008
			To: Dead End													
			From: SR 40, W Main St													
1002 91	0.25	**720**	**R**								NA			NA		02/07/2008
			To: US 460													
1002 91	0.06	**180**	From: **R**								NA			NA		02/07/2008
			To: 91-653 Hunter St													
			From: 91-606 Beaver Dam Rd													
1003 91 Railroad Ave	0.13	**720**	**R**								NA			NA		02/07/2008
			To: 91-1029 Locust Dr													
			From: 91-1029 Locust St													
1003 91 Railroad Ave	0.08	**680**	**R**								NA			NA		02/07/2008
			To: 91-1028 Dogwood Ave													
1003 91 Railroad Ave	0.24	**1200**	From: **R**								NA			NA		02/07/2008
			To: 91-1016 Butler St													
1003 91 Railroad Ave	0.20	**1300**	From: **R**								NA			NA		02/07/2008
			To: 91-1005 Chestnut St													
1003 91 Railroad Ave	0.15	**1500**	From: **R**								NA			NA		02/07/2008
			To: SR 40, W Main St													
			From: SR 40, W Main St													
1004 91 Fleetwood Ave	0.12	**820**	**R**								NA			NA		02/07/2008
			To: 91-1021 Chappell Lane													

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2010
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Town of Waverly

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 Waverly																
1004 91 Fleetwood Ave	0.15	**390**	**R**								NA			NA		02/07/2008
From: 91-1021 Chappell Lane																
To: 91-1019 Thomas Circle																
1004 91 Fleetwood Ave	0.21	**270**	**R**								NA			NA		02/07/2008
From: 91-1019 Thomas Circle																
To: 91-1023 Carpenter Dr																
1005 91 Chestnut St	0.13	**140**	**R**								NA			NA		02/26/2008
From: 91-653 Bank St																
To: 91-1003 Railroad Ave																
1006 91 School St	0.13	**420**	**R**								NA			NA		02/26/2008
From: 91-1008 Pleasant Spring Ave																
To: 91-1001 New St																
1007 91 Oak St	0.18	**300**	**R**								NA			NA		02/26/2008
From: 91-1008 Pleasant Spring Ave																
To: 91-1009 Maple St																
1007 91 Oak St	0.05	**200**	**R**								NA			NA		02/26/2008
From: 91-1009 Maple St																
To: 91-1011 Pine St																
1008 91 Pleasant Spring Ave	0.13	**820**	**R**								NA			NA		02/26/2008
From: SR 40, W Main St																
To: 91-1006 School St																
1008 91 Pleasant Spring Ave	0.10	**100**	**R**								NA			NA		02/26/2008
From: 91-1006 School St																
To: 91-1007 Oak St																
1008 91 Pleasant Spring Ave	0.24	**210**	**R**								NA			NA		02/26/2008
From: 91-1007 Oak St																
To: WCL Waverly																
1009 91 Maple St	0.11	**250**	**R**								NA			NA		02/25/2008
From: 91-1007 Oak St																
To: 91-1001 New St																
1010 91 Robert Wilkins Ave	0.46	**220**	**R**								NA			NA		02/25/2008
From: 91-1026 Wye St																
To: SR 40, W Main St																
1011 91 Pine St	0.11	**100**	**R**								NA			NA		02/25/2008
From: 91-1001 New St																
To: 91-1007 Oak St																
1012 91 Elm St	0.27	**360**	**R**								NA			NA		02/25/2008
From: SR 40, W Main St																
To: 91-1013 Burt St																
1012 91 Elm St	0.05	**110**	**R**								NA			NA		02/25/2008
From: 91-1013 Burt St																
To: Dead End																
1013 91 Burt St	0.08	**410**	**R**								NA			NA		02/25/2008
From: SR 40; 91-1018																
To: 91-1017 Gum Lane																
1013 91 Burt St	0.05	**290**	**R**								NA			NA		02/25/2008
From: 91-1017 Gum Lane																
To: 91-1012 Elm St																
1013 91 Burt St	0.05	**110**	**R**								NA			NA		02/25/2008
From: 91-1012 Elm St																
To: 91-1031																
1014 91 Norris Ave	0.12	**240**	**R**								NA			NA		02/25/2008
From: 91-654 Coppahaunk Rd																
To: 91-1015 N; Graydon Circle																
1014 91 Norris Ave	0.10	**270**	**R**								NA			NA		02/25/2008
From: 91-1015 N; Graydon Circle																
To: 91-1015 S; Graydon Circle																
1014 91 Norris Ave	0.10	**250**	**R**								NA			NA		02/25/2008
From: 91-1015 S; Graydon Circle																
To: 91-653 Bank St																
1015 91 Graydon Circle	0.23	**60**	**R**								NA			NA		02/25/2008
From: 91-1014 W; Norris Ave																
To: 91-1014 E; Norris Ave																

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Town of Waverly																
1016 91 Butler St	0.10	**340**	From: Dead End **R** To: 91-1003 Railroad Ave								NA			NA		02/25/2008
1017 91 Gum Lane	0.07	**40**	From: 91-1013 Burt St **R** To: 91-1032 Horton Circle								NA			NA		02/25/2008
1018 91 Coppahaunk Ave	0.25	**560**	From: 91-654 Coppahaunk Rd **R** To: SR 40; 91-1013								NA			NA		03/25/2008
1019 91 Sylvan Rd	0.10	**560**	From: SR 40, W Main St **R** To: 91-1027 Belvidere St								NA			NA		02/25/2008
1019 91 Sylvan Rd	0.11	**230**	From: 91-1027 Belvidere St **R** To: 91-1020 Arthur Ct								NA			NA		02/25/2008
1019 91 Sylvan Rd	0.21	**220**	From: 91-1020 Arthur Ct **R** To: 91-1004 Fleetwood Ave								NA			NA		02/25/2008
1019 91 Thomas Circle	0.07	**220**	From: 91-1004 Fleetwood Ave **R** To: 91-1021 Chappell Lane								NA			NA		02/25/2008
1019 91 Thomas Circle	0.03	**320**	From: 91-1021 Chappell Lane **R** To: 91-1022 Jasper Lane								NA			NA		02/25/2008
1020 91 Arthur Ct	0.04	**140**	From: 91-1019 Thomas Circle **R** To: Cul-de-Sac								NA			NA		02/25/2008
1021 91 Chappell Lane	0.21	**190**	From: 91-1004 Fleetwood Ave **R** To: 91-1019 Thomas Circle								NA			NA		02/25/2008
1022 91 Jasper Lane	0.28	**310**	From: 91-1019 Thomas Circle **R** To: 91-1024 Branch St								NA			NA		02/25/2008
1022 91 Jasper Lane	0.12	**150**	From: 91-1024 Branch St **R** To: 91-1025 Cowling St								NA			NA		02/25/2008
1022 91 Jasper Lane	0.43	**100**	From: 91-1025 Cowling St **R** To: Dead End								NA			NA		02/25/2008
1023 91 Carpenter Dr	0.13	**160**	From: 91-1004 Fleetwood Ave **R** To: 91-1024 Branch St								NA			NA		02/25/2008
1023 91 Carpenter Dr	0.12	**60**	From: 91-1024 Branch St **R** To: 91-1025 Cowling St								NA			NA		02/25/2008
1023 91 Carpenter Dr	0.06	**9**	From: 91-1025 Cowling St **R** To: Dead End								NA			NA		02/25/2008
1024 91 Branch St	0.08	**30**	From: 91-1023 Carpenter Dr **R** To: 91-1022 Jasper Lane								NA			NA		02/25/2008
1024 91 Branch St	0.04	**8**	From: 91-1022 Jasper Lane **R** To: Dead End								NA			NA		02/25/2008
1025 91 Cowling St	0.03	**8**	From: Dead End **R** To: 91-1023 Carpenter Dr								NA			NA		02/25/2008
1025 91 Cowling St	0.08	**50**	From: 91-1023 Carpenter Dr **R** To: 91-1022 Jasper Lane								NA			NA		02/25/2008
1026 91 Wye St	0.08	**120**	From: 0.08 MS 91-1010 Robert Wilkins Ave **R** To: 91-1010 Robert Wilkins Ave								NA			NA		02/25/2008

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Town of Waverly																
1026 91	0.08	**60**	From: 91-1010 Robert Wilkins Ave **R** To: Dead End								NA			NA		02/25/2008
1027 91 Belvidere St	0.13	**270**	From: 91-1019 Sylvan Rd **R** To: Cul-de-Sac								NA			NA		02/25/2008
1028 91 Dogwood Ave	0.20	**450**	From: 91-1030 Middle St **R** To: 91-1003 Railroad Ave								NA			NA		02/25/2008
1029 91 Locust Dr	0.16	**200**	From: 91-653 Bank St **R** To: 91-1030 Middle St								NA			NA		02/25/2008
1029 91 Locust Dr	0.21	**480**	From: 91-1030 Middle St **R** To: 91-1003 Railroad Ave								NA			NA		02/26/2008
1030 91 Middle St	0.10	**180**	From: Cul-de-Sac **R** To: 91-1028 Dogwood Ave								NA			NA		02/26/2008
1030 91 Middle St	0.11	**260**	From: 91-1028 Dogwood Ave **R** To: 91-1029 Locust Dr								NA			NA		02/26/2008
1030 91 Middle St	0.09	**270**	From: 91-1029 Locust Dr **R** To: Dead End								NA			NA		02/26/2008
1031 91	0.06	**40**	From: Dead End **R** To: Dead End								NA			NA		02/26/2008
1032 91 Horton Circle	0.05	**20**	From: 91-1013 Burt St **R** To: 91-1017 Gum Lane								NA			NA		02/26/2008
1032 91	0.02	**2**	From: 91-1017 Gum Lane **R** To: Dead End								NA			NA		02/26/2008
1034 91 Moore St	0.02	**200**	From: 91-1008 Pleasant Spring Ave **R** To: Dead End								NA			NA		02/25/2008
1035 91 Merchants Dr	0.04	**300**	From: Dead End **R** To: 91-653 Bank St								NA			NA		02/25/2008
1036 91 Cedar St	0.07	**60**	From: Dead End **R** To: 91-1029 Locust Dr								NA			NA		02/25/2008
1037 91 Barkley Place	0.11	**230**	From: Dead End **R** To: 91-1038 Brian Dr								NA			NA		02/25/2008
1037 91	0.08	**570**	From: 91-1038 Brian Dr **R** To: 91-653 Bank St								NA			NA		02/25/2008
1038 91 Brian Dr	0.22	**180**	From: 91-1037 Barkley Place **R** To: 91-606 Beaver Dam Rd								NA			NA		02/25/2008
1039 91	0.09	**70**	From: 91-1037 Barkley Place **R** To: Cul-de-Sac								NA			NA		02/25/2008
1040 91 Brian Ct	0.07	**120**	From: Cul-de-Sac **R** To: 91-1038 Brian Dr								NA			NA		02/26/2008
1041 91 Forest Lane	0.28	**120**	From: Dead End **R** To: 91-1014 Norris Ave								NA			NA		02/26/2008

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						2Axle	3+Axle	1Trail	2Trail							
Town of Waverly																
9403 91	0.07	**30**	From: Waverly School **R** To: SR 40; 91-1018								NA			NA		04/09/2008
9873 91	0.01	**210**	From: Jackson Elem School **R** To: 0.01 ME 91-1006 School St								NA			NA		04/09/2008
9873 91	0.11	**290**	From: 0.01ME 91-1006 School St **R** To: 91-1006 School St								NA			NA		04/09/2008