

2009

**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

Wve - Wve 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
 Traffic Engineering Division
 2009
 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		4200	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%	1%	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	9400	N	96%	0%	0%	1%	3%	0%	N	0.089	N	0.501	8400	N
	To: ECL Waverly															

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						2Axle	3+Axle	1Trail	2Trail							
Town of Waverly																
606 91 Beaver Dam Rd	0.60	270	G	96%	1%	From: SR 40 W, W Main St				F	0.117	F	0.522	290	G	2009
						To: NCL Waverly										
615 91 Georgetown Rd	0.28	310	R			From: SR 40, W Main St				NA			NA		04/01/2008	
						To: ECL Waverly										
651 91 Lobbs Shop Rd	0.28	510	N	93%	1%	From: WCL Waverly				N	0.122	N	0.611	540	N	2009
						To: SR 40 W Main St										
653 91 Bank St	0.94	560	G	98%	1%	From: 91-606 Beaver Dam Rd				C	0.114	F	0.565	600	G	2009
						To: 91-654 Gray Ave										
653 91 Bank St	0.26	670	G	98%	1%	From: SR 40 E, W Main St				F	0.110	F	0.595	720	G	2009
						To: SR 40 W, W Main St										
653 91 Hunter St	0.09	340	G	95%	2%	From: US 460 NORTH				C	0.130	F	0.813	360	G	2009
						To: US 460 SOUTH										
653 91 Hunter St	0.21	120	G	97%	1%	From: 91-1002				C	0.138	F	0.765	130	G	2009
						To: NCL Waverly										
653 91 Bank St; Spring Branch	0.46	210	N	97%	1%	From: SCL Waverly				N	0.197	N	0.519	230	N	2009
						To: 91-1014 Norris Ave										
654 91 Coppahaunk Ave	0.49	280	G	97%	1%	From: 91-1014 Norris Ave				F	0.107	F	0.623	300	G	2009
						To: 91-653 Bank St										
1001 91 New St	0.11	1000	R			From: SR 40, W Main St				NA			NA		02/07/2008	
						To: 91-1006 School St										
1001 91 New St	0.17	870	R			From: 91-1009 Maple St				NA			NA		02/07/2008	
						To: 91-1011 Pine St										
1001 91 New St	0.06	490	R			From: 91-1011 Pine St				NA			NA		02/07/2008	
						To: Dead End										
1001 91 New St	0.08	280	R			From: SR 40, W Main St				NA			NA		02/07/2008	
						To: US 460										
1002 91 New St	0.06	180	R			From: 91-653 Hunter St				NA			NA		02/07/2008	
						To: 91-606 Beaver Dam Rd										
1003 91 Railroad Ave	0.13	720	R			From: 91-1029 Locust Dr				NA			NA		02/07/2008	
						To: 91-1029 Locust St										
1003 91 Railroad Ave	0.08	680	R			From: 91-1028 Dogwood Ave				NA			NA		02/07/2008	
						To: 91-1016 Butler St										
1003 91 Railroad Ave	0.24	1200	R			From: 91-1016 Butler St				NA			NA		02/07/2008	
						To: 91-1005 Chestnut St										
1003 91 Railroad Ave	0.15	1500	R			From: SR 40, W Main St				NA			NA		02/07/2008	
						To: SR 40, W Main St										
1004 91 Fleetwood Ave	0.12	820	R			From: SR 40, W Main St				NA			NA		02/07/2008	
						To: 91-1021 Chappell Lane										

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




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						2Axle	3+Axle	1Trail	2Trail							
Town of Waverly																
1016 91 Butler St	0.10	340	R			From: Dead End					NA			NA		02/25/2008
						To: 91-1003 Railroad Ave										
1017 91 Gum Lane	0.07	40	R			From: 91-1013 Burt St					NA			NA		02/25/2008
						To: 91-1032 Horton Circle										
1018 91 Coppahaunk Ave	0.25	560	R			From: 91-654 Coppahaunk Rd					NA			NA		03/25/2008
						To: SR 40; 91-1013										
1019 91 Sylvan Rd	0.10	560	R			From: SR 40, W Main St					NA			NA		02/25/2008
						To: 91-1027 Belvidere St										
1019 91 Sylvan Rd	0.11	230	R			From: 91-1020 Arthur Ct					NA			NA		02/25/2008
						To: 91-1020 Arthur Ct										
1019 91 Sylvan Rd	0.21	220	R			From: 91-1004 Fleetwood Ave					NA			NA		02/25/2008
						To: 91-1004 Fleetwood Ave										
1019 91 Thomas Circle	0.07	220	R			From: 91-1021 Chappell Lane					NA			NA		02/25/2008
						To: 91-1021 Chappell Lane										
1019 91 Thomas Circle	0.03	320	R			From: 91-1022 Jasper Lane					NA			NA		02/25/2008
						To: 91-1022 Jasper Lane										
1020 91 Arthur Ct	0.04	140	R			From: 91-1019 Thomas Circle					NA			NA		02/25/2008
						To: Cul-de-Sac										
1021 91 Chappell Lane	0.21	190	R			From: 91-1004 Fleetwood Ave					NA			NA		02/25/2008
						To: 91-1019 Thomas Circle										
1022 91 Jasper Lane	0.28	310	R			From: 91-1019 Thomas Circle					NA			NA		02/25/2008
						To: 91-1024 Branch St										
1022 91 Jasper Lane	0.12	150	R			From: 91-1024 Branch St					NA			NA		02/25/2008
						To: 91-1025 Cowling St										
1022 91 Jasper Lane	0.43	100	R			From: 91-1025 Cowling St					NA			NA		02/25/2008
						To: Dead End										
1023 91 Carpenter Dr	0.13	160	R			From: 91-1004 Fleetwood Ave					NA			NA		02/25/2008
						To: 91-1024 Branch St										
1023 91 Carpenter Dr	0.12	60	R			From: 91-1024 Branch St					NA			NA		02/25/2008
						To: 91-1025 Cowling St										
1023 91 Carpenter Dr	0.06	9	R			From: 91-1025 Cowling St					NA			NA		02/25/2008
						To: Dead End										
1024 91 Branch St	0.08	30	R			From: 91-1023 Carpenter Dr					NA			NA		02/25/2008
						To: 91-1022 Jasper Lane										
1024 91 Branch St	0.04	8	R			From: 91-1022 Jasper Lane					NA			NA		02/25/2008
						To: Dead End										
1025 91 Cowling St	0.03	8	R			From: Dead End					NA			NA		02/25/2008
						To: 91-1023 Carpenter Dr										
1025 91 Cowling St	0.08	50	R			From: 91-1023 Carpenter Dr					NA			NA		02/25/2008
						To: 91-1022 Jasper Lane										
1026 91 Wye St	0.08	120	R			From: 0.08 MS 91-1010 Robert Wilkins Ave					NA			NA		02/25/2008
						To: 91-1010 Robert Wilkins Ave										

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						2Axle	3+Axle	1Trail	2Trail							
Town of Waverly																
(1026/91)	0.08	60	R				From: 91-1010 Robert Wilkins Ave				NA			NA		02/25/2008
							To: Dead End									
(1027/91) Belvidere St	0.13	270	R				From: 91-1019 Sylvan Rd				NA			NA		02/25/2008
							To: Cul-de-Sac									
(1028/91) Dogwood Ave	0.20	450	R				From: 91-1030 Middle St				NA			NA		02/25/2008
							To: 91-1003 Railroad Ave									
(1029/91) Locust Dr	0.16	200	R				From: 91-653 Bank St				NA			NA		02/25/2008
							To: 91-1030 Middle St									
(1029/91) Locust Dr	0.21	480	R				From: 91-1030 Middle St				NA			NA		02/26/2008
							To: 91-1003 Railroad Ave									
(1030/91) Middle St	0.10	180	R				From: Cul-de-Sac				NA			NA		02/26/2008
							To: 91-1028 Dogwood Ave									
(1030/91) Middle St	0.11	260	R				From: 91-1028 Dogwood Ave				NA			NA		02/26/2008
							To: 91-1029 Locust Dr									
(1030/91) Middle St	0.09	270	R				From: 91-1029 Locust Dr				NA			NA		02/26/2008
							To: Dead End									
(1031/91)	0.06	40	R				From: Dead End				NA			NA		02/26/2008
							To: Dead End									
(1032/91) Horton Circle	0.05	20	R				From: 91-1013 Burt St				NA			NA		02/26/2008
							To: 91-1017 Gum Lane									
(1032/91)	0.02	2	R				From: 91-1017 Gum Lane				NA			NA		02/26/2008
							To: Dead End									
(1034/91) Moore St	0.02	200	R				From: 91-1008 Pleasant Spring Ave				NA			NA		02/25/2008
							To: Dead End									
(1035/91) Merchants Dr	0.04	300	R				From: Dead End				NA			NA		02/25/2008
							To: 91-653 Bank St									
(1036/91) Cedar St	0.07	60	R				From: Dead End				NA			NA		02/25/2008
							To: 91-1029 Locust Dr									
(1037/91) Barkley Place	0.11	230	R				From: Dead End				NA			NA		02/25/2008
							To: 91-1038 Brian Dr									
(1037/91)	0.08	570	R				From: 91-1038 Brian Dr				NA			NA		02/25/2008
							To: 91-653 Bank St									
(1038/91) Brian Dr	0.22	180	R				From: 91-1037 Barkley Place				NA			NA		02/25/2008
							To: 91-606 Beaver Dam Rd									
(1039/91)	0.09	70	R				From: 91-1037 Barkley Place				NA			NA		02/25/2008
							To: Cul-de-Sac									
(1040/91) Brian Ct	0.07	120	R				From: Cul-de-Sac				NA			NA		02/26/2008
							To: 91-1038 Brian Dr									
(1041/91) Forest Lane	0.28	120	R				From: Dead End				NA			NA		02/26/2008
							To: 91-1014 Norris Ave									

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