2017
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report
274

Town of Onley

Information in this report is included in Report

01

(Accomack 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
2017
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Onley

Route	Jurisdiction		Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
13 Lankford Hwy	Town of Onley (Maint: 01)	From: SCL Onley	1.00	**26000**	**F**	92%	1%	1%	1%	6%	0%	F	0.08		0.646	23000	F
		To: SR 179															
13 Lankford Hwy	Town of Onley (Maint: 01)	From: SR 179 Main St	0.17	**21000**	**F**	92%	1%	1%	1%	6%	0%	F	0.078		0.519	19000	F
		To: NCL Onley															
Bus 13 Coastal Blvd	Town of Onley (Maint: 01)	From: US 13 S of Onley	0.98	**4100**	**F**	97%	0%	1%	1%	1%	0%	F	0.097		0.541	4100	F
		To: NCL Onley															
179 Main St	Town of Onley (Maint: 01)	From: WCL Onley	0.64	**6800**	**N**	98%	0%	0%	1%	0%	0%	N	0.096		0.543	6800	N
		To: US 13 Bus															

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Town of Onley																
609 01 Brickhouse Dr	0.04	**1600**	**N**								NA			NA		10/03/2017
From: SCL Onley To: 01-638 Badger Lane																
609 01 Brickhouse Dr	0.12	**3600**	**F**	98%	0%	1%	1%	1%	0%	C	0.099		0.506	3600	F	2017
From: 01-638 Badger Lane To: US 13 Lankford Hwy; Gap																
609 01 Pennsylvania Ave	0.42	**1100**	**F**	96%	0%	3%	1%	0%	0%	C	0.108		0.513	1100	F	2017
From: 01-1605 Rogers St; Gap To: ECL Onley																
638 01 Badger Lane	0.29	**2300**	**F**	98%	0%	1%	1%	1%	0%	C	0.096		0.585	2300	F	2017
From: WCL Onley To: 01-609 Brickhouse Dr																
731 01 Forest St	0.29	**540**	**N**								NA			NA		10/12/2017
From: SCL Onley To: 01-789 Main St																
731 01 Forest St	0.08	**60**	**R**								NA			NA		08/22/2017
From: 01-789 Main St To: 01-1610 Caroline Ave																
789 01 E Main St	0.29	**1700**	**F**	99%	0%	1%	0%	0%	0%	C	0.113		0.582	1700	F	2017
From: SCL Onley To: 01-731 Forest St																
789 01 E Main St	0.33	**2400**	**F**	98%	0%	1%	0%	0%	0%	C	0.109		0.633	2500	F	2017
From: 01-731 Forest St To: Bus US 13 Coastal Ave																
1601 01 Maple St	0.07	**80**	**R**								NA			NA		08/22/2017
From: 01-731 Forest St To: 01-1607 Colonial Ave																
1601 01 Maple St	0.06	**120**	**R**								NA			NA		08/22/2017
From: 01-1607 Colonial Ave To: 01-1602 Church St																
1601 01 Maple St	0.11	**190**	**R**								NA			NA		08/22/2017
From: 01-1602 Church St To: 01-1605 Rogers St																
1602 01 Church St	0.06	**70**	**R**								NA			NA		08/22/2017
From: 01-1618 Burton St To: 01-1605 Rogers St																
1602 01 Church St	0.07	**50**	**R**								NA			NA		08/22/2017
From: 01-1605 Rogers St To: 01-1601 Maple St																
1602 01 Church St	0.07	**110**	**R**								NA			NA		08/22/2017
From: 01-1601 Maple St To: 01-789 Main St																
1602 01 Church St	0.08	**20**	**R**								NA			NA		08/22/2017
From: 01-789 Main St To: 01-1610 Caroline Ave																
1603 01 Maryland Ave	0.06	**80**	**R**								NA			NA		08/22/2017
From: 01-1604 Monroe St To: Bus US 13																
1603 01 Maryland Ave	0.10	**80**	**R**								NA			NA		08/22/2017
From: Bus US 13 To: 01-1606 Lee St																
1603 01 Maryland Ave	0.09	**10**	**R**								NA			NA		08/22/2017
From: 01-1606 Lee St To: Dead End																
1604 01 Monroe St	0.09	**90**	**R**								NA			NA		08/22/2017
From: 01-1609 Virginia Ave To: 01-1603 Maryland Ave																
1604 01 Monroe St	0.10	**190**	**R**								NA			NA		08/22/2017
From: 01-1603 Maryland Ave To: 01-789 Main St																
1605 01 Rogers St	0.08	**210**	**R**								NA			NA		08/22/2017
From: 01-731 Forest St To: 01-1607 Colonial Ave																
1605 01 Rogers St	0.06	**140**	**R**								NA			NA		08/22/2017
From: 01-1607 Colonial Ave To: 01-1602 Church St																

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Town of Onley																
1605 01 Rogers St	0.05	**170**	**R**								NA			NA		08/22/2017
From: 01-1602 Church St To: 01-1611																
1605 01 Rogers St	0.06	**240**	**R**								NA			NA		08/22/2017
From: 01-1611 To: 01-1601 Maple St																
1605 01 Rogers St	0.08	**290**	**R**								NA			NA		08/22/2017
From: 01-1601 Maple St To: 01-609; 01-789																
1606 01 Lee St	0.08	**160**	**R**								NA			NA		08/22/2017
From: 01-1609 Virginia Ave To: 01-1603 Maryland Ave																
1606 01 Lee St	0.10	**210**	**R**								NA			NA		08/22/2017
From: 01-1603 Maryland Ave To: SR 179 Main St																
1607 01 Colonial Ave	0.03	**8**	**R**								NA			NA		06/05/2014
From: SCL Onley To: 01-1619 Ames St																
1607 01 Colonial Ave	0.06	**40**	**R**								NA			NA		08/22/2017
From: 01-1619 Ames St To: 01-1618 Burton St																
1607 01 Colonial Ave	0.06	**110**	**R**								NA			NA		08/22/2017
From: 01-1618 Burton St To: 01-1605 Rogers St																
1607 01 Colonial Ave	0.07	**60**	**R**								NA			NA		08/22/2017
From: 01-1605 Rogers St To: 01-1601 Maple St																
1607 01 Colonial Ave	0.07	**40**	**R**								NA			NA		08/22/2017
From: 01-1601 Maple St To: 01-789 Main St																
1608 01 Richmond Ave	0.12	**40**	**R**								NA			NA		08/22/2017
From: Bus US 13 To: Dead End																
1609 01 Virginia Ave	0.07	**150**	**R**								NA			NA		06/04/2014
From: Dead End To: 01-1604 Monroe St																
1609 01 Virginia Ave	0.01	**120**	**R**								NA			NA		08/22/2017
From: 01-1604 Monroe St To: 01-1613 Monroe St																
1609 01 Virginia Ave	0.05	**90**	**R**								NA			NA		08/22/2017
From: 01-1613 Monroe St To: Bus US 13																
1609 01 Virginia Ave	0.10	**100**	**R**								NA			NA		08/22/2017
From: Bus US 13 To: 01-1606 Lee St																
1609 01 Virginia Ave	0.07	**60**	**R**								NA			NA		08/22/2017
From: 01-1606 Lee St To: Dead End																
1610 01 Caroline Ave	0.11	**70**	**R**								NA			NA		08/22/2017
From: 01-731 Forest St To: 01-1602 Church St																
1610 01 Caroline Ave	0.18	**120**	**R**								NA			NA		08/22/2017
From: 01-1602 Church St To: 01-609 Pennsylvania Ave																
1611 01	0.14	**40**	**R**								NA			NA		08/22/2017
From: Dead End To: 01-1605 Rogers St																
1612 01 Madison Ave	0.06	**110**	**R**								NA			NA		08/22/2017
From: 01-1616 Onley Rd To: 01-1613 Monroe St																
1612 01 Madison Ave	0.12	**190**	**R**								NA			NA		06/04/2014
From: 01-1613 Monroe St To: Dead End																
1613 01 Monroe St	0.09	**90**	**R**								NA			NA		08/22/2017
From: 01-1612 Madison Ave To: 01-1609 Virginia Ave																

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Town of Onley																
1614 01	0.05	**60**	From: 01-1612 Madison Ave **R** To: 01-1609 Virginia Ave								NA			NA		08/22/2017
1615 01 Washington St	0.34	**610**	From: US 13 Lankford Hwy **R** To: Bus US 13								NA			NA		08/22/2017
1616 01 Onley Rd	0.23	**1300**	From: SCL Onley **R** To: 01-1612 Madison Ave								NA			NA		08/22/2017
1616 01 Onley Rd	0.03	**980**	From: 01-1612 Madison Ave **R** To: Bus US 13								NA			NA		08/22/2017
1617 01 Bank St	0.10	**1700**	From: US 13 Lankford Hwy **R** To: SR 179 Main St								NA			NA		08/22/2017
1618 01 Burton St	0.06	**70**	From: 01-1602 Church St **R** To: 01-1607 Colonial Ave								NA			NA		08/22/2017
1618 01 Burton St	0.09	**30**	From: 01-1607 Colonial Ave **R** To: 01-731 Forest St								NA			NA		08/22/2017
1619 01 Ames St	0.06	**90**	From: 01-1611 Penn Ave **R** To: 01-1607 Colonial Ave								NA			NA		06/03/2014
1619 01 Ames St	0.09	**160**	From: 01-1607 Colonial Ave **R** To: 01-731 Forest St								NA			NA		08/22/2017
1620 01	0.03	**20**	From: 01-789, E Main St **R** To: Dead End								NA			NA		08/22/2017
1621 01 Lakewood Rd	0.20	**130**	From: US 13 Lankford Hwy **R** To: 01-1622 Greenwood Dr								NA			NA		08/29/2017
1622 01 Greenwood Dr	0.04	**100**	From: Dead End **R** To: 01-1621 Lakewood Rd								NA			NA		08/29/2017
1623 01 Greenwood Dr	0.16	**70**	From: 01-1622 Greenwood Dr **R** To: 01-1624 Pine St								NA			NA		08/29/2017
1624 01 Pine St	0.07	**60**	From: 01-1623 Greenwood Dr **R** To: Cul-de-Sac								NA			NA		08/29/2017