

2013

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

where available

Jurisdiction Report

79

Richmond County
Town of Warsaw

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

- North
 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
 Bus - Business Route
Bypas - Bypass Route
Truck - Truck Route
- ALT
 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 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
2013
Annual Average Daily Traffic Volume Estimates By Section of Route
Richmond Maintenance Area

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
3 Kings Hwy	From: Westmoreland County Line Richmond County	0.15	4500	F	94%	1%	1%	1%	3%	0%	F	0.089	F	0.521	4700	F
3 Historyland Hwy	To: SR 203 Oldhams Rd From: Richmond County	1.46	5600	F	94%	1%	1%	1%	3%	0%	C	0.086	F	0.545	5800	F
3 Historyland Hwy	To: 79-653 Sanfords Lane From: Richmond County	0.79	5600	N	94%	1%	1%	1%	3%	0%	N	0.086	N	0.545	5800	N
3 Historyland Hwy	To: NCL Warsaw From: Town of Warsaw (Maint: 79)	0.20	5600	N	94%	1%	1%	1%	3%	0%	N	0.086	N	0.545	5800	N
3 Historyland Hwy	To: Bus SR 3 Main St From: Richmond County	1.23	1900	F	94%	1%	1%	1%	3%	0%	F	0.088	F	0.574	1900	F
3 Historyland Hwy	To: US 360, SR 3 Bus Richmond Rd From: Town of Warsaw (Maint: 79)	0.11	6800	F	91%	1%	1%	4%	2%	0%	F	0.109	F	0.565	7000	F
3 Historyland Hwy	To: SCL Warsaw From: Richmond County	6.20	6800	N	91%	1%	1%	4%	2%	0%	N	0.109	N	0.565	7000	N
3 Historyland Hwy	To: 79-642 Sharps Rd From: Richmond County	3.07	3100	F	91%	1%	1%	4%	2%	0%	F	0.083	F	0.578	3200	F
3 Historyland Hwy	To: 79-692, N Farnham Church Rd From: Richmond County	2.37	3000	F	91%	1%	1%	4%	2%	0%	F	0.082	F	0.598	3000	F
3 Historyland Hwy	To: 79-608 Farnham Creek Rd From: Richmond County	2.70	2800	F	91%	1%	1%	4%	2%	0%	F	0.081	F	0.570	2800	F
Bus 3 Main St	To: Lancaster County Line From: SR 3 Historyland Hwy Town of Warsaw (Maint: 79)	0.77	13000	N	95%	0%	1%	1%	2%	0%	N	0.081	N	0.607	13000	N
Bus 3 360 Richmond Rd	To: US 360 Richmond Rd From: US 360; Main St Town of Warsaw (Maint: 79)	0.78	13000	F	95%	0%	1%	1%	2%	0%	F	0.081	F	0.607	13000	F
203 Oldhams Rd	To: SR 3 Historyland Hwy From: SR 3 Historyland Hwy Richmond County	0.40	2300	F	87%	1%	1%	1%	11%	0%	F	0.091	F	0.621	2400	F
360 Richmond Rd	To: Essex County Line From: Richmond County	3.98	13000	F	94%	0%	1%	2%	3%	0%	C	0.082	F	0.603	13000	F
360 Richmond Rd	To: 79-624 W; Newland Rd From: 79-624 W; Newland Rd Richmond County	0.40	13000	A	95%	0%	1%	1%	2%	0%	C	0.102	A	0.555	13000	A
360 Richmond Rd	To: WCL Warsaw From: Town of Warsaw (Maint: 79)	2.02	13000	N	95%	0%	1%	1%	2%	0%	N	0.102	N	0.555	13000	N
Bus 360 3 Richmond Rd	To: W SR 3 Bus From: Town of Warsaw (Maint: 79)	0.78	13000	F	95%	0%	1%	1%	2%	0%	F	0.081	F	0.607	13000	F
	To: E SR 3 Bus, SR 3															

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Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	
							2Axle	3+Axle	1Trail	2Trail							
		From:	E SR 3 Bus, SR 3														
360 Richmond Rd	Town of Warsaw (Maint: 79)	0.37	7700	F	95%	0%	1%	1%	2%	0%	F	0.092	F	0.607	7900	F	
		To:	ECL Warsaw														
360 Richmond Rd	Richmond County	4.59	7700	N	95%	0%	1%	1%	2%	0%	N	0.092	N	0.607	7900	N	
		From:	79-661 Totuskey Church Rd														
360 Richmond Rd	Richmond County	2.97	5600	F	95%	0%	1%	1%	2%	0%	F	0.086	F	0.614	5700	F	
		To:	Northumberland County Line														

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2013
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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							
Richmond County																
(F815) Recycling Rd	0.09	440	R								NA			NA		05/02/2007
(600) Ridge Rd	3.16	460	F	94%	1%	1%	2%	2%	0%	F	0.119	F	0.563	480	F	2013
(600) Ridge Rd	2.23	510	F	94%	1%	1%	2%	2%	0%	F	0.097	F	0.61	520	F	2013
(600) Ridge Rd	0.26	530	F	94%	1%	1%	2%	2%	0%	C	0.107	F	0.567	550	F	2013
(601) Maon Rd	2.90	220	R								NA			NA		07/09/2013
(602) Box & Gourd Lane	1.64	150	R								NA			NA		07/09/2013
(602) Box & Gourd Lane	0.03	280	R								NA			NA		07/09/2013
(602) Cedar Grove Rd	0.11	150	R								NA			NA		07/09/2013
(602) Cedar Grove Rd	1.10	400	R								NA			NA		07/09/2013
(602) Cedar Grove Rd	3.00	130	R								NA			NA		07/09/2013
(603) Quinton Oak Lane	3.00	49	R								NA			NA		07/09/2013
(604) Preachers Rest Rd	0.60	10	M								NA			NA		07/09/2013
(605) Edge Hill Rd	1.20	30	R								NA			NA		07/15/2010
(605) Edge Hill Rd	0.50	4	R								NA			NA		07/15/2010
(606) Simonson Rd	1.33	220	R								NA			NA		07/15/2010
(606) Simonson Rd	1.75	280	F	96%	1%	2%	1%	1%	0%	C	0.118	F	0.694	290	F	2013
(607) Union Mill Rd	0.90	190	R								NA			NA		07/15/2010
(607) Canal Rd	3.25	620	F	96%	1%	1%	2%	0%	0%	F	0.099	F	0.585	640	F	2013
(607) Canal Rd	1.65	680	F	96%	1%	1%	2%	0%	0%	F	0.101	F	0.5	690	F	2013
(607) Canal Rd	0.50	440	F	96%	1%	1%	2%	0%	0%	C	0.118	F	0.527	450	F	2013
(608) Farnham Creek Rd	1.03	180	F	97%	1%	1%	1%	1%	0%	F	0.11	F	0.577	180	F	2013

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2013
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Richmond Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
608 Farnham Creek Rd	0.08	250	F	98%	0%	1%	0%	1%	0%	C	0.102	F	0.771	250	F	2013
608 Farnham Creek Rd	3.37	170	F	97%	1%	1%	1%	1%	0%	F	0.128	F	0.608	170	F	2013
608 Farnham Creek Rd	0.90	670	F	97%	1%	1%	1%	1%	0%	C	0.12	F	0.583	680	F	2013
609 Mothershead Neck Rd	1.35	80	R								NA			NA		07/09/2013
610 Laurel Grove Rd	0.65	60	R								NA			NA		07/15/2010
610 Laurel Grove Rd	0.30	40	R								NA			NA		07/15/2010
610 Ivondale Rd	0.45	10	R								NA			NA		07/15/2010
610 Ivondale Rd	0.75	160	R								NA			NA		07/15/2010
611 Conley Pond Rd	1.50	90	R								NA			NA		07/09/2013
612 Oakland Rd	1.30	200	R								NA			NA		07/09/2013
612 Oakland Rd	3.30	170	R								NA			NA		07/09/2013
613 Calvary Church Rd	2.50	140	R								NA			NA		07/09/2013
613 Calvary Church Rd	0.80	150	R								NA			NA		07/09/2013
614 Suggets Point Rd	0.07	40	R								NA			NA		07/09/2013
614 Suggets Point Rd	2.20	100	R								NA			NA		07/09/2013
614 Beaver Dam Rd	2.17	110	R								NA			NA		07/09/2013
614 Folly Neck Rd	1.84	370	R								NA			NA		07/09/2013
614 Folly Neck Rd	0.70	450	F	95%	1%	1%	2%	1%	0%	C	0.125	F	0.641	470	F	2013
614 Boswell Rd	0.23	60	R								NA			NA		07/09/2013
614 Boswell Rd	1.25	70	R								NA			NA		07/09/2013
615 Folly Neck Rd	1.40	80	R								NA			NA		07/19/2010
616 Luttrellville Lane	3.90	100	R								NA			NA		07/09/2013

Virginia Department of Transportation
Traffic Engineering Division
2013
Annual Average Daily Traffic Volume Estimates By Section of Route
Richmond Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year	
						2Axle	3+Axle	1Trail	2Trail								
Richmond County																	
(617) Normans Corner Rd	0.80	650	F	94%	2%	2%	2%	1%	0%	C	0.103	F	0.514	670	F	2013	
						From: 79-607 Canal Rd											
						To: US 360 Richmond Rd											
(618) Fallin Town Rd	1.00	340	R								NA			NA		07/31/2013	
						From: 79-661 Totuskey Church Rd											
						To: Northumberland County Line											
(619) Mulberry Rd	3.10	320	F	98%	0%	1%	1%	0%	0%	C	0.112	F	0.525	330	F	2013	
						From: SR 3 Historyland Hwy											
(619) Mulberry Rd	1.42	170	F	98%	0%	1%	1%	0%	0%	F	0.13	F		170	F	2013	
						From: 79-627 Drinking Swamp Rd											
(619) Rich Neck Rd	2.80	520	F	98%	0%	1%	1%	0%	0%	F	0.120	F	0.574	530	F	2013	
						From: US 360 Richmond Rd											
						To: Westmoreland County Line											
(620) Fallin Town Rd	0.15	60	M								NA			NA		07/10/2013	
						From: Dead End											
(620) Richmond Hill Rd	2.30	300	R								NA			NA		07/09/2013	
						From: SR 3 Historyland Hwy											
(620) Threeway Rd	2.79	740	R								NA			NA		07/31/2013	
						From: US 360 Richmond Rd											
						To: Westmoreland County Line											
(621) Chestnut Hill Rd	1.80	950	R								NA			NA		07/09/2013	
						From: 79-624 Newland Rd											
(621) Menokin Rd	2.88	530	R								NA			NA		07/09/2013	
						From: 79-690 W, Menokin Rd											
						To: 79-690 E, Menokin Rd											
(621) Piney Grove Rd	0.10	620	R								NA			NA		09/10/2013	
						From: 79-637 Piney Grove Rd											
						To: Westmoreland County Line											
(622) Carters Wharf Rd	1.30	47	R								NA			NA		08/11/2010	
						From: Dead End											
(622) Carters Wharf Rd	0.70	60	R								NA			NA		08/11/2010	
						From: 79-625 Cliffs Rd											
						To: 79-624 W, Newland Rd											
(622) Snyder Rd	2.10	130	R								NA			NA		08/11/2010	
						From: 79-624 E, Newland Rd											
(622) Snyder Rd	0.20	290	R								NA			NA		08/11/2010	
						From: 79-638 W, China Hill Rd											
(622) Snyder Rd	0.70	540	F	99%	0%	1%	0%	0%	0%	C	0.103	F	0.65	550	F	2013	
						From: 79-638 E, Oak Row Rd											
						To: Westmoreland County Line											
(623) Finchs Hill Rd	1.28	420	R								NA			NA		07/09/2013	
						From: 79-624 Newland Rd											
						To: Westmoreland County Line											
(624) Sabine Hall Rd	1.20	90	R								NA			NA		08/03/2010	
						From: Dead End											
						To: SCL Warsaw											
Town of Warsaw																	
(624) Sabine Hall Rd	0.10	90	N								NA			NA		08/03/2010	
						From: SCL Warsaw											
						To: US 360 E, Richmond Rd											
Richmond County																	
(624) Newland Rd	0.20	2400	F	96%	0%	1%	1%	2%	0%	F	0.089	F	0.591	2400	F	2013	
						From: US 360 W, Richmond Rd											
(624) Newland Rd	0.80	2100	F	96%	0%	1%	1%	2%	0%	C	0.092	F	0.578	2100	F	2013	
						From: 79-634 Naylor's Beach Rd											
						To: 79-621 Chestnut Hill Rd											

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						2Axle	3+Axle	1Trail	2Trail								
Richmond County																	
624	Newland Rd	1.10	1400	F	96%	0%	1%	1%	2%	0%	F	0.091	F	0.582	1400	F	2013
						From: 79-621 Chestnut Hill Rd											
						To: 79-676 Reisingers Rd											
624	Newland Rd	3.27	1200	F	96%	0%	1%	1%	2%	0%	F	0.091	F	0.589	1200	F	2013
						From: 79-636 N. Havelock Rd											
						To: 79-638 S. Jones Creek Rd											
624	Newland Rd	3.21	1000	F	96%	0%	1%	1%	2%	0%	F	0.104	F	0.571	1000	F	2013
						From: 79-638 N. Oak Row Rd											
						To: Westmoreland County Line											
625	Cliffs Rd	0.65	9	R								NA		NA		08/11/2010	
						From: 79-622 Carters Wharf Rd											
						To: Dead End											
626	Arnold Lane	0.31	100	R								NA		NA		07/09/2013	
						From: SR 3 Historyland Hwy											
						To: 79-614 Boswell Rd											
627	Drinking Swamp Rd	2.14	240	R								NA		NA		07/31/2013	
						From: 79-619 Mulberry Rd											
						To: US 360 Richmond Rd											
627	Drinking Swamp Rd	0.06	350	R								NA		NA		07/31/2013	
						From: 79-661 Totuskey Church Rd											
						To: Dead End											
628	Cole Hill Lane	0.70	130	R								NA		NA		08/03/2010	
						From: US 360 Richmond Rd											
						To: 79-620 Threeway Rd											
629	Bells Dr	0.17	220	R								NA		NA		07/31/2013	
						From: 79-695 Church Lane											
						To: Dead End											
630	Wellfords Wharf Rd	1.25	90	R								NA		NA		07/09/2013	
						From: Dead End											
						To: 79-660 Cobham Park Lane											
630	Wellfords Wharf Rd	1.41	270	F	96%	2%	1%	0%	0%	0%	C	0.107	F	0.533	270	F	2013
						From: 79-631 Fox Hunters Hill Rd											
						To: SR 3 Historyland Hwy											
631	Fox Hunters Hill Rd	1.30	290	R								NA		NA		07/19/2010	
						From: Dead End											
						To: 79-630 Wellfords Wharf Rd											
632	Islington Rd	1.79	70	R								NA		NA		07/19/2010	
						From: Dead End											
						To: 79-679 Silas Dr											
632	Islington Rd	0.07	200	R								NA		NA		07/19/2010	
						From: 79-698 Gravel Pit Rd											
						To: SR 3 Historyland Hwy											
633	Scates Rd	2.51	40	R								NA		NA		07/09/2013	
						From: 79-637 Piney Grove Rd											
						To: 79-690 Menokin Rd											
634	Naylors Beach Rd	0.55	90	R								NA		NA		08/11/2010	
						From: Dead End											
						To: 79-636 Strangeway Rd											

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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							
Richmond County																
(634) Naylor's Beach Rd	4.06	220	F	93%	1%	0%	2%	4%	0%	C	0.116	F	0.593	230	F	2013
						From: 79-636 Strangeway Rd										
						To: 79-624 Newland Rd										
(635) Grove Mount Rd	1.41	160	R								NA			NA		07/09/2013
						From: 79-624 Newland Rd										
						To: 79-636 Havelock Rd										
(636) Strangeway Rd	1.70	180	R								NA			NA		07/09/2013
						From: 79-634 Naylor's Beach Rd										
						To: 79-640 Sandys Lane										
(636) Strangeway Rd	0.32	370	R								NA			NA		07/09/2013
						From: 79-624 S, Newland Rd										
						To: 79-624 N, Newland Rd										
(636) Havelock Rd	2.00	80	R								NA			NA		07/09/2013
						From: 79-637 Piney Grove Rd; County Bridge Rd										
						To: Dead End										
(637) Kinderhook Pike	0.70	150	R								NA			NA		07/09/2013
						From: 79-624 W, Newland Rd										
						To: 79-624 E, Newland Rd										
(637) County Bridge Rd	1.50	320	R								NA			NA		07/09/2013
						From: 79-636 Havelock Rd										
						To: 79-636 Havelock Rd										
(637) Piney Grove Rd	2.44	760	R								NA			NA		07/09/2013
						From: 79-690 W, Menokin Rd										
						To: 79-690 E, Menokin Rd										
(637) Piney Grove Rd	1.50	270	R								NA			NA		07/09/2013
						From: 79-621 Piney Grove Rd; Menokin Rd										
						To: Dead End										
(638) Jones Creek Rd	3.00	250	R								NA			NA		07/09/2013
						From: 79-624 S, Newland Rd										
						To: 79-624 MID										
(638) Oak Row Rd	1.40	340	F	99%	0%	0%	0%	0%	0%	C	0.118	F	0.535	350	F	2013
						From: 79-639 Mozingo Rd										
(638) Oak Row Rd	1.30	330	F	99%	0%	0%	0%	0%	0%	F	0.111	F	0.55	340	F	2013
						From: 79-622 E, Snyder Rd										
						To: 79-622 WEST										
(638) China Hill Rd	2.10	150	R								NA			NA		07/09/2013
						From: 79-624 N, Newland Rd										
						To: 79-638 Oak Row Rd										
(639) Mozingo Rd	0.45	60	M								NA			NA		07/09/2013
						From: Dead End										
						To: 79-636 Strangeway Rd										
(640) Sandys Lane	2.50	100	R								NA			NA		07/09/2013
						From: 79-624 Newland Rd										
						To: 79-642 Sharps Rd										
(641) Husseys Creek Rd	1.10	110	R								NA			NA		07/09/2013
						From: 79-610 Ivondale Rd										
						To: Dead End										
(642) Sharps Rd	0.04	30	R								NA			NA		07/15/2010
						From: 79-665 Milden Lane										
(642) Sharps Rd	0.01	90	R								NA			NA		07/15/2010
						From: 79-681 Front St										
(642) Sharps Rd	1.10	280	R								NA			NA		07/15/2010
						From: 79-641 Husseys Creek Rd										
(642) Sharps Rd	1.10	210	F	93%	1%	1%	0%	5%	0%	F	0.119	F	0.564	210	F	2013
						From: 79-608 Farnham Creek Rd										
(642) Sharps Rd	0.70	330	F	93%	1%	1%	0%	5%	0%	F	0.094	F	0.533	340	F	2013
						From: 79-614 Beaver Dam Rd; Suggets Point Rd										

Virginia Department of Transportation
Traffic Engineering Division
2013
Annual Average Daily Traffic Volume Estimates By Section of Route
Richmond Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
(642) Sharps Rd	2.28	420	F	93%	1%	1%	0%	5%	0%	C	0.103	F	0.583	440	F	2013
						From: 79-614 Beaver Dam Rd; Suggets Point Rd										
(642) Sharps Rd	0.90	580	F	94%	1%	1%	0%	4%	0%	C	0.106	F	0.606	600	F	2013
						From: 79-651 Forest Rd										
						To: SR 3 History Land Hwy										
(643) The Hook Rd	1.16	200	R									NA		NA		07/19/2010
						From: 79-614 Folly Neck Rd										
						To: Dead End										
(644) Sells Lane	0.46	100	R									NA		NA		07/09/2013
						From: Dead End										
						To: 79-656 Bryants Town Rd										
(645) Crookhorn Rd	0.70	60	M									NA		NA		07/09/2013
						From: Dead End										
						To: Westmoreland County Line										
(646) Millpond Rd	0.55	140	R									NA		NA		07/09/2013
						From: US 360 Richmond Rd										
(646) Millpond Rd	0.99	130	R									NA		NA		07/09/2013
						From: 0.55 MN US 360										
						To: 79-621 Chestnut Hill Rd										
(647) Hales Point Rd	0.80	130	R									NA		NA		07/15/2010
						From: Dead End										
(647) Hales Point Rd	0.90	180	R									NA		NA		07/15/2010
						From: 79-648 Oakley Lane										
(647) Hales Point Rd	2.40	310	R									NA		NA		07/15/2010
						From: 79-610										
						To: 79-608 Farnham Creek Rd										
(648) Oakley Lane	0.70	46	R									NA		NA		07/15/2010
						From: 79-647 Hales Point Rd										
						To: Dead End										
Town of Warsaw																
(649) Meadowbrook Rd	0.26	150	R									NA		NA		07/09/2013
						From: US 360 W, Richmond Rd										
						To: US 360 E, Richmond Rd										
Richmond County																
(650) Barnfield Rd	0.90	600	R									NA		NA		07/09/2013
						From: Dead End										
						To: 79-619 Rich Neck Rd										
(651) Forest Rd	0.20	60	R									NA		NA		07/30/2013
						From: 79-614 Beaver Dam Rd										
(651) Forest Rd	1.92	80	R									NA		NA		07/30/2013
						From: 0.20 MN 79-614										
						To: 79-642 Sharps Rd										
(652) Waterview Rd	0.53	40	R									NA		NA		07/09/2013
						From: Dead End										
(652) Waterview Rd	1.07	100	R									NA		NA		07/09/2013
						From: 79-683 Bowens Lane										
						To: 79-636 Strangeway Rd										
(653) Sanfords Lane	0.45	80	R									NA		NA		07/09/2013
						From: SR 3 History Land Hwy										
(653) Sanfords Lane	0.45	50	R									NA		NA		07/09/2013
						From: 79-667 Sunnyside Lane										
						To: Dead End										
(654) Dunaway Lane	1.30	20	M									NA		NA		07/30/2013
						From: Dead End										
						To: 79-600 Ridge Rd										

Virginia Department of Transportation
Traffic Engineering Division
2013
Annual Average Daily Traffic Volume Estimates By Section of Route
Richmond Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
(655) Riverdale Rd	1.25	60	R								NA			NA		07/15/2010
(656) Bryants Town Rd	0.63	80	R								NA			NA		07/30/2013
(656) Bryants Town Rd	0.57	240	R								NA			NA		07/30/2013
(657) Little Florida Rd	0.90	49	R								NA			NA		07/15/2010
(658) Murphys Place	0.52	60	R								NA			NA		07/19/2010
(659) Spring Hill Rd	0.50	20	M								NA			NA		07/30/2013
(660) Cobham Park Lane	0.35	50	R								NA			NA		07/19/2010
(660) Cobham Park Lane	0.15	110	R								NA			NA		07/19/2010
(661) Totuskey Church Rd	1.90	380	R								NA			NA		07/30/2013
(661) Totuskey Church Rd	0.08	10	M								NA			NA		07/30/2013
(662) Withers Lane	0.70	230	R								NA			NA		07/31/2013
(663) Thompsonstown Rd	1.00	60	R								NA			NA		07/19/2010
(664) Emmanuel Church Rd	0.45	30	R								NA			NA		08/09/2010
(665) Milden Lane	0.10	50	R								NA			NA		07/15/2010
(666)	0.06	10	M								NA			NA		07/31/2013
(667) Sunnyside Lane	0.64	10	M								NA			NA		07/31/2013
(668) Village Lane	0.15	90	R								NA			NA		07/19/2010
(669) Headley Lane	0.05	30	R								NA			NA		07/15/2010
(670) Scott Town Rd	0.65	180	R								NA			NA		08/03/2010

Virginia Department of Transportation
Traffic Engineering Division
2013
Annual Average Daily Traffic Volume Estimates By Section of Route
Richmond Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
(671) Thrift Rd	0.45	30	R								NA			NA		07/31/2013
(672) River View Rd	0.35	60	R								NA			NA		07/19/2010
(673) Lanier Rd	0.84	100	R								NA			NA		07/15/2010
(674) Kellys Lane	0.40	80	R								NA			NA		07/31/2013
(675) Elliots Dr	0.61	20	R								NA			NA		08/11/2010
(676) Reisingers Rd	0.98	60	R								NA			NA		08/11/2010
(677) Moores Mill Rd	0.30	30	R								NA			NA		07/19/2010
(678) Pea Ridge Lane	0.67	40	M								NA			NA		07/10/2013
(678) Pea Ridge Lane	0.13	50	R								NA			NA		07/10/2013
(679) Silas Dr	0.35	80	R								NA			NA		07/19/2010
(680) Smith Lane	0.40	150	R								NA			NA		08/09/2010
(681) Front St	0.40	120	R								NA			NA		07/15/2010
(682) Farnham Landing	0.09	7	R								NA			NA		07/15/2010
(683) Bowens Lane	0.38	40	R								NA			NA		08/11/2010
(684) Blues Lane	0.55	40	M								NA			NA		07/30/2013
(685) Parish Rd	0.35	100	R								NA			NA		08/11/2010
(686) Pocahontas Dr	0.08	170	R								NA			NA		08/03/2010
(686) Pocahontas Dr	0.07	210	R								NA			NA		08/03/2010
(687) Old Treasure Rd	0.12	240	R								NA			NA		07/15/2010

Virginia Department of Transportation
Traffic Engineering Division
2013
Annual Average Daily Traffic Volume Estimates By Section of Route
Richmond Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
(688) Lambs Lane	0.20	70	R								NA			NA		07/19/2010
(689) Bunker Hill Rd	0.19	49	R								NA			NA		07/15/2010
Town of Warsaw																
(690) Menokin Rd	0.20	770	F	96%	1%	2%	0%	0%	0%	F	0.122	F	0.522	790	F	2013
Richmond County																
(690) Menokin Rd	2.64	560	F	96%	1%	2%	0%	0%	0%	C	0.123	F	0.603	570	F	2013
(690) Menokin Rd	2.49	600	R								NA			NA		07/10/2013
(690) Menokin Rd	1.50	480	R								NA			NA		07/10/2013
(690) Menokin Rd	0.50	450	R								NA			NA		07/10/2013
(691) Northernmost Rd	0.85	20	M								NA			NA		07/30/2013
(692) N Farnham Church Rd	0.40	760	R								NA			NA		07/30/2013
(692) N Farnham Church Rd	0.22	560	F	95%	2%	1%	2%	1%	0%	C	0.1	F	0.55	580	F	2013
(693) Carter Town Rd	0.30	150	R								NA			NA		08/11/2010
(694) Burnt House Rd	0.19	20	M								NA			NA		07/30/2013
(695) Church Lane	0.15	230	R								NA			NA		07/30/2013
(696) Heaggans Rd	0.19	20	R								NA			NA		07/15/2010
(697) Indianfield Rd	0.66	120	R								NA			NA		08/03/2010
(697) Indianfield Rd	0.76	60	R								NA			NA		07/30/2013
(698) Gravel Pit Rd	0.36	80	R								NA			NA		07/19/2010
(699) Scott Town Rd	0.13	90	R								NA			NA		08/03/2010
Town of Warsaw																
(700) Selftown Rd	0.13	230	R								NA			NA		07/10/2013

Virginia Department of Transportation
Traffic Engineering Division
2013
Annual Average Daily Traffic Volume Estimates By Section of Route
Richmond Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
700	Selftown Rd	0.20	170	R								NA		NA		09/11/2001
701	Hard Bargain Lane	0.70	70	R								NA		NA		07/30/2013
702	Poplar Court	0.17	47	R								NA		NA		07/19/2010
703	Rose Hill Dr	0.15	180	R								NA		NA		07/30/2013
704	Rose Hill Dr	0.38	60	R								NA		NA		07/30/2013
705	Woodyard Rd	0.04	48	R								NA		NA		07/30/2013
707	Creek View Lane	0.22	80	R								NA		NA		07/15/2010
708	Cedar Point Rd	0.38	60	R								NA		NA		07/19/2010
709	Wellfords Wharf Rd	0.19	50	R								NA		NA		07/19/2010
710	Indian Banks Rd	0.42	100	R								NA		NA		07/30/2013
720	Bamboo Lane	0.20	30	R								NA		NA		09/10/2013
Town of Warsaw																
1000	Harris Ave	0.25	70	R								NA		NA		07/10/2013
1001	Hamilton Blvd	0.75	340	F	95%	1%	3%	0%	1%	0%	C	0.13	F	350	F	2013
1002	Belleville Lane	0.23	230	R								NA		NA		07/10/2013
1003	St Johns St	0.23	770	R								NA		NA		07/10/2013
1004	Court Circle	0.17	320	R								NA		NA		07/10/2013
1004	Court Circle	0.13	190	R								NA		NA		08/03/2010
1005	Lakeside Dr	0.18	90	R								NA		NA		08/03/2010
1005	Lakeside Dr	0.17	80	R								NA		NA		08/03/2010

Virginia Department of Transportation
 Traffic Engineering Division
 2013
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Richmond Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Warsaw																
1005 Lakeside Dr	0.08	60	R			From 79-1020 Ivy Lane					NA			NA		08/03/2010
						To 79-690 Menokin Rd										
1006 Ridgeway Rd	0.08	260	R			From 79-1012 Sunset Lane					NA			NA		07/10/2013
1006 Ridgeway Rd	0.10	390	R			From 79-1005 Lakeside Dr					NA			NA		07/10/2013
						To SR 3										
1007 Sabine Hall Rd	0.13	460	R			From US 360 Richmond Rd					NA			NA		07/10/2013
						To Dead End										
1008 Pine St	0.19	100	R			From US 360 Richmond Rd					NA			NA		07/10/2013
						To 79-1002 Belleville Lane										
1009 Washington Ave	0.09	100	R			From 79-1028 Level Blvd					NA			NA		08/09/2010
1009 Washington Ave	0.02	140	R			From 79-1014 S, E Monroe Ave					NA			NA		08/09/2010
1009 Washington Ave	0.06	170	R			From 79-1014 N, W Monroe Ave					NA			NA		08/09/2010
1009 Washington Ave	0.03	230	R			From 79-1010 S, E Jefferson Ave					NA			NA		08/09/2010
1009 Washington Ave	0.05	300	R			From 79-1010 N, W Jefferson Ave					NA			NA		07/10/2013
						To US 360 Richmond Rd										
1010 W Jefferson Ave	0.06	40	R			From WCL Warsaw					NA			NA		08/09/2010
1010 W Jefferson Ave	0.09	180	R			From 79-1011 Madison Ave					NA			NA		08/09/2010
						To 79-1009 Washington Ave										
1010 E Jefferson Ave	0.14	40	R			From 79-1009 S, Washington Ave					NA			NA		08/09/2010
						To 79-1018 Memorial Dr										
1011 Madison Ave	0.09	60	R			From 79-1014 W Monroe Ave					NA			NA		08/09/2010
						To 79-1010 W Jefferson Ave										
1012 Sunset Lane	0.11	90	R			From Dead End					NA			NA		08/03/2010
1012 Sunset Lane	0.08	100	R			From 79-1005 Lakeside Dr					NA			NA		08/03/2010
1012 Sunset Lane	0.28	70	R			From 79-1006 Ridgeway Rd					NA			NA		08/03/2010
						To Dead End										
1013 Jones Lane	0.18	260	R			From US 360 Richmond Rd					NA			NA		07/10/2013
						To Dead End										
1014 W Monroe Ave	0.04	20	R			From WCL Warsaw					NA			NA		08/09/2010
1014 W Monroe Ave	0.09	40	R			From 79-1011 Madison Ave					NA			NA		08/09/2010
1014 E Monroe Ave	0.15	30	R			From 79-1009 Washington Ave					NA			NA		08/09/2010
						To 79-1018 Memorial Dr										

Virginia Department of Transportation
Traffic Engineering Division
2013
Annual Average Daily Traffic Volume Estimates By Section of Route
Richmond Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Warsaw																
(1015) Wallace St	0.23	90	R			Cul-de-Sac					NA			NA		07/10/2013
(1015) Wallace St	0.33	450	R			0.23 MN Cul-de-Sac					NA			NA		07/10/2013
(1015) Wallace St	0.09	580	R			79-1036 Campus Dr					NA			NA		07/10/2013
(1016) Morgan Lane	0.41	340	R			US 360 Richmond Rd					NA			NA		08/03/2010
(1017) West Morgan Lane	0.04	20	R			79-1017 West Morgan Lane					NA			NA		08/03/2010
(1017) Morgan Lane	0.07	140	R			US 360 Richmond Rd					NA			NA		08/03/2010
(1017) Morgan Lane	0.10	47	R			Dead End					NA			NA		08/03/2010
(1017) Morgan Lane	0.10	47	R			79-1016 Morgan Lane					NA			NA		08/03/2010
(1017) Morgan Lane	0.10	47	R			79-1023 Quail Trail					NA			NA		08/03/2010
(1018) Memorial Dr	0.05	50	R			Dead End					NA			NA		08/03/2010
(1018) Memorial Dr	0.05	50	R			SCL Warsaw					NA			NA		08/09/2010
(1018) Memorial Dr	0.10	80	R			79-1014 E Monroe Ave					NA			NA		08/09/2010
(1018) Memorial Dr	0.08	130	R			79-1010 E Jefferson Ave					NA			NA		08/09/2010
(1018) Memorial Dr	0.08	130	R			79-1010					NA			NA		08/09/2010
(1019) Gordon Lane	0.15	80	R			79-649 Meadowbrook Rd					NA			NA		08/09/2010
(1020) Ivy Lane	0.12	20	R			US 360 Richmond Rd					NA			NA		08/03/2010
(1020) Ivy Lane	0.12	20	R			Dead End					NA			NA		08/03/2010
(1021) Maple St	0.15	290	R			79-1005 Lakeside Dr					NA			NA		08/03/2010
(1021) Maple St	0.15	290	R			NCL Warsaw					NA			NA		08/03/2010
(1022) Walnut St	0.18	480	R			79-1022 Walnut St					NA			NA		08/03/2010
(1022) Walnut St	0.18	480	R			US 360 Richmond Rd					NA			NA		08/03/2010
(1022) Walnut St	0.18	480	R			SR 3 Historyland Hwy					NA			NA		08/03/2010
(1022) Walnut St	0.04	380	R			79-1021 Maple St					NA			NA		08/03/2010
(1023) Quail Trail	0.16	70	R			Dead End					NA			NA		08/03/2010
(1027) Sturman Lane	0.15	100	R			79-1017 West Morgan Lane					NA			NA		08/03/2010
(1028) Level Blvd	0.13	60	R			Dead End					NA			NA		08/03/2010
(1028) Level Blvd	0.13	60	R			79-1017 West Morgan Lane					NA			NA		08/03/2010
(1027) Sturman Lane	0.15	100	R			79-1029 Georgia Ave					NA			NA		08/09/2010
(1028) Level Blvd	0.13	60	R			79-1009 Washington Ave					NA			NA		08/09/2010
(1028) Level Blvd	0.02	20	R			Dead End					NA			NA		08/09/2010
Richmond County																
(1029) Georgia Ave	0.09	20	R			Dead End					NA			NA		08/09/2010
(1029) Georgia Ave	0.09	20	R			79-1028 Level Blvd					NA			NA		08/09/2010

Virginia Department of Transportation
 Traffic Engineering Division
 2013
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Richmond Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Warsaw																
(1033) Lee Ave	0.17	110	R								NA		NA		08/03/2010	
(1033) Lee Ave	0.09	50	R								NA		NA		08/03/2010	
(1034) Jackson Court	0.05	30	R								NA		NA		08/03/2010	
(1035) College Ave	0.07	410	R								NA		NA		07/10/2013	
(1035) College Ave	0.22	280	R								NA		NA		07/10/2013	
(1035) College Ave	0.04	10	M								NA		NA		07/31/2013	
(1036) Campus Dr	0.04	310	R								NA		NA		08/03/2010	
(1037) Atkinson Dr	0.18	140	R								NA		NA		08/03/2010	
(1037) Atkinson Dr	0.02	40	R								NA		NA		08/03/2010	
(1038) Freedom Way	0.16	170	R								NA		NA		08/03/2010	
(1038) Freedom Way	0.05	40	R								NA		NA		08/03/2010	
Richmond County																
(1040) Lyell Dr	0.05	40	R								NA		NA		07/19/2010	
(1041) Hinson Rd	0.12	70	R								NA		NA		07/19/2010	
(1044) Estate Lane	0.18	90	R								NA		NA		07/10/2013	
(1047) Meadowview Lane	0.13	150	R								NA		NA		07/10/2013	
(1050)	0.05	80	N								NA		NA		09/17/2013	
(1053) Shoreline Dr	0.60	40	M								NA		NA		07/10/2013	
(1060) Schoolhouse Rd	0.14	80	R								NA		NA		07/15/2010	
(1061) North Bend Rd	0.06	20	R								NA		NA		07/15/2010	
(1061) North Bend Rd	0.11	40	R								NA		NA		07/15/2010	

Virginia Department of Transportation
 Traffic Engineering Division
 2013
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Richmond Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
(1101) Red Wing Lane	0.15	70	R								NA			NA		08/03/2010
(1102) Powhatan Trail	0.07	10	R								NA			NA		08/03/2010
(1110) Settlers Landing Rd	0.20	120	R								NA			NA		07/19/2010
(1111) Waterside Dr	0.29	70	R								NA			NA		07/19/2010
(9350)	0.12	260	R								NA			NA		05/02/2007
(9838) Rappahannock High School	0.15	260	R								NA			NA		05/02/2007