

2009

**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
-  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
 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	4700	G	92%	1%	1%	1%	5%	0%	F	0.091	F	0.532	5100	G
3 Historyland Hwy	To: SR 203 Oldhams Rd From: Richmond County	1.46	6000	G	92%	1%	1%	1%	5%	0%	C	0.087	F	0.554	6500	G
3 Historyland Hwy	To: 79-653 Sanfords Lane From: Richmond County	0.79	6000	N	92%	1%	1%	1%	5%	0%	N	0.087	N	0.554	6500	N
3 Historyland Hwy	To: NCL Warsaw From: Town of Warsaw (Maint: 79)	0.20	6000	N	92%	1%	1%	1%	5%	0%	N	0.087	N	0.554	6500	N
3 Historyland Hwy	To: Bus SR 3 Main St From: SR 3 Bus Richmond County	1.23	2300	G	92%	1%	1%	1%	5%	0%	F	0.087	N	0.554	2400	G
3 Historyland Hwy	To: US 360, SR 3 Bus Richmond Rd From: Town of Warsaw (Maint: 79)	0.11	7500	G	94%	1%	1%	1%	3%	0%	F	0.105	F	0.586	8100	G
3 Historyland Hwy	To: SCL Warsaw From: Richmond County	6.20	7500	N	94%	1%	1%	1%	3%	0%	N	0.105	N	0.586	8100	N
3 Historyland Hwy	To: 79-642 Sharps Rd From: Richmond County	3.07	3400	G	94%	1%	1%	1%	3%	0%	F	0.090	F	0.581	3700	G
3 Historyland Hwy	To: 79-692, N Farnham Church Rd From: Richmond County	2.37	3900	G	94%	1%	1%	1%	3%	0%	F	0.086	F	0.503	4300	G
3 Historyland Hwy	To: 79-608 Farnham Creek Rd From: Richmond County	2.70	3600	G	94%	1%	1%	1%	3%	0%	F	0.084	F	0.518	3900	G
Bus 3 Main St	To: Lancaster County Line From: SR 3 Historyland Hwy Town of Warsaw (Maint: 79)	0.77	12000	N	95%	0%	1%	1%	3%	0%	N	0.093	N	0.584	13000	N
Bus 3 360 Richmond Rd	To: US 360 Richmond Rd From: US 360; Main St Town of Warsaw (Maint: 79)	0.78	12000	G	95%	0%	1%	1%	3%	0%	F	0.093	F	0.584	13000	G
203 Oldhams Rd	To: SR 3 Historyland Hwy From: Richmond County	0.40	2200	G	79%	0%	2%	1%	18%	0%	F	0.086	F	0.602	2400	G
360 Richmond Rd	To: Westmoreland County Line From: Essex County Line Richmond County	3.98	13000	G	95%	0%	1%	1%	3%	0%	F	NA		14000	G	
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%	3%	0%	C	0.1	A	0.552	14000	A
360 Richmond Rd	To: WCL Warsaw From: Town of Warsaw (Maint: 79)	2.02	13000	N	95%	0%	1%	1%	3%	0%	N	0.1	N	0.552	14000	N
Bus 360 3 Richmond Rd	To: W SR 3 Bus From: Town of Warsaw (Maint: 79)	0.78	12000	G	95%	0%	1%	1%	3%	0%	F	0.093	F	0.584	13000	G
	To: E SR 3 Bus, SR 3															

Virginia Department of Transportation
 Traffic Engineering Division
 2009
 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							
		From: <input type="text"/>	E SR 3 Bus, SR 3														
360 Richmond Rd	Town of Warsaw (Maint: 79)	0.37	7700	G	95%	0%	1%	1%	3%	0%	F	0.092	F	0.601	8300	G	
		To: <input type="text"/>	ECL Warsaw														
360 Richmond Rd	Richmond County	4.59	7700	N	95%	0%	1%	1%	3%	0%	N	0.092	N	0.601	8300	N	
		From: <input type="text"/>	79-661 Totuskey Church Rd														
360 Richmond Rd	Richmond County	2.97	7500	G	95%	0%	1%	1%	3%	0%	F	0.091	F	0.58	8200	G	
		To: <input type="text"/>	Northumberland County Line														

Virginia Department of Transportation
Traffic Engineering Division
2009
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																
(F815) Recycling Rd	0.09	440	R								NA		NA			05/02/2007
(600) Ridge Rd	3.16	370	G	96%	0%	2%	2%	0%	0%	F	0.111	F	0.726	400	G	2009
(600) Ridge Rd	2.23	400	G	96%	0%	2%	2%	0%	0%	F	0.105	F	0.635	430	G	2009
(600) Ridge Rd	0.26	440	G	96%	0%	2%	2%	0%	0%	C	0.099	F	0.551	480	G	2009
(601) Maon Rd	2.90	270	R								NA		NA			04/25/2007
(602) Box & Gourd Lane	1.64	160	R								NA		NA			04/30/2007
(602) Box & Gourd Lane	0.03	260	R								NA		NA			04/30/2007
(602) Cedar Grove Rd	0.11	180	R								NA		NA			04/30/2007
(602) Cedar Grove Rd	1.10	400	R								NA		NA			04/30/2007
(602) Cedar Grove Rd	3.00	140	R								NA		NA			04/25/2007
(603) Quinton Oak Lane	3.00	30	R								NA		NA			04/30/2007
(604) Preachers Rest Rd	0.60	6	R								NA		NA			04/30/2007
(605) Edge Hill Rd	1.20	20	R								NA		NA			04/25/2007
(605) Edge Hill Rd	0.50	6	R								NA		NA			04/25/2007
(606) Simonson Rd	1.33	220	R								NA		NA			05/19/2004
(606) Simonson Rd	1.75	340	G	98%	0%	1%	0%	1%	0%	C	0.117	F	0.617	360	G	2009
(607)	0.90	170	R								NA		NA			05/17/2004
(607) Canal Rd	3.25	630	G	95%	1%	1%	1%	2%	0%	F	0.100	F	0.510	680	G	2009
(607) Canal Rd	1.65	650	G	95%	1%	1%	1%	2%	0%	F	0.105	F	0.527	710	G	2009
(607) Canal Rd	0.50	450	G	95%	1%	1%	1%	2%	0%	C	0.134	F	0.586	490	G	2009
(608) Farnham Creek Rd	1.03	160	G	93%	1%	2%	1%	3%	0%	F	0.13	F	0.52	170	G	2009

Virginia Department of Transportation
Traffic Engineering Division
2009
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																
(608) Farnham Creek Rd	0.08	250	G	98%	0%	1%	0%	1%	0%	C	0.111	F	0.515	270	G	2009
			From: 79-610													
(608) Farnham Creek Rd	3.37	190	G	93%	1%	2%	1%	3%	0%	F	0.147	F	0.646	200	G	2009
			From: 79-613 Calvary Church Rd													
(608) Farnham Creek Rd	0.90	770	G	93%	1%	2%	1%	3%	0%	C	0.105	F	0.540	840	G	2009
			From: 79-606 Simonson Rd													
			To: SR 3 History Land Hwy													
(609) Mothershead Neck Rd	1.35	60	R									NA		NA		04/25/2007
			From: Dead End													
			To: 79-610													
(610)	0.65	80	R									NA		NA		05/19/2004
			From: 79-647 Hales Point Rd													
(610)	0.30	50	R									NA		NA		05/19/2004
			From: 79-657 Little Florida Rd													
(610) Ivondale Rd	0.45	8	R									NA		NA		04/25/2007
			From: Dead End; Gap													
(610)	0.75	120	R									NA		NA		05/19/2004
			From: 79-641 Husseys Creek Rd													
			To: 79-608 Farnham Creek Rd													
(611) Conley Pond Rd	1.50	120	R									NA		NA		04/25/2007
			From: 79-613 Calvary Church Rd													
			To: SR 3 History Land Hwy													
(612) Oakland Rd	1.30	280	R									NA		NA		04/30/2007
			From: 79-602 Cedar Grove Rd													
(612) Oakland Rd	3.30	250	R									NA		NA		04/30/2007
			From: 79-616 Luttrellville Lane													
			To: 66-600 Ridge Rd													
(613) Calvary Church Rd	2.50	210	R									NA		NA		04/25/2007
			From: 79-608 Farnham Creek Rd													
(613) Calvary Church Rd	0.80	230	R									NA		NA		04/25/2007
			From: 79-611 Conley Pond Rd													
			To: SR 3 History Land Hwy													
(614) Suggets Point Rd	0.07	48	R									NA		NA		04/25/2007
			From: Dead End													
(614) Suggets Point Rd	2.20	110	R									NA		NA		05/25/2007
			From: 79-669 Headley Lane													
(614) Beaver Dam Rd	2.17	150	R									NA		NA		04/25/2007
			From: 79-642 Sharps Rd													
(614) Folly Neck Rd	1.84	380	R									NA		NA		04/25/2007
			From: 79-615													
(614) Folly Neck Rd	0.70	470	G	98%	1%	1%	0%	0%	0%	C	0.105	F	0.712	510	G	2009
			From: 79-643 The Hook Rd													
(614) Boswell Rd	0.23	60	R									NA		NA		05/02/2007
			From: SR 3 Historyland Hwy													
(614) Boswell Rd	1.25	50	R									NA		NA		05/02/2007
			From: 79-626 Arnold Lane													
			To: Dead End													
(615)	1.40	100	R									NA		NA		05/19/2004
			From: Dead End													
			To: 79-614 Folly Neck Rd; Beaver Dam Rd													
(616) Luttrellville Lane	3.90	60	R									NA		NA		04/30/2007
			From: 79-612 Oakland Rd													
			To: Northumberland County Line													

Virginia Department of Transportation
Traffic Engineering Division
2009
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	630	G	96%	0%	2%	0%	1%	0%	C	0.107	F	0.57	680	G	2009
(618) Fallin Town Rd	1.00	440	R								NA		NA			04/30/2007
(619) Mulberry Rd	3.10	350	G	97%	0%	1%	1%	1%	0%	C	0.151	F	0.532	370	G	2009
(619) Mulberry Rd	1.42	340	G	97%	0%	1%	1%	1%	0%	F	0.116	F	0.624	370	G	2009
(619) Rich Neck Rd	2.80	490	G	97%	0%	1%	1%	1%	0%	F	0.104	F	0.528	530	G	2009
(620) Fallin Town Rd	0.15	60	R								NA		NA			05/14/2007
(620) Richmond Hill Rd	2.30	370	R								NA		NA			05/02/2007
(620) Threeway Rd	2.79	660	R								NA		NA			05/02/2007
(621) Chestnut Hill Rd	1.80	970	R								NA		NA			05/07/2007
(621) Menokin Rd	2.88	500	R								NA		NA			05/07/2007
(621) Piney Grove Rd	0.10	620	R								NA		NA			05/07/2007
(622) Carters Wharf Rd	1.30	60	R								NA		NA			05/10/2007
(622)	0.70	80	R								NA		NA			06/02/2004
(622)	2.10	150	R								NA		NA			06/07/2004
(622)	0.20	300	R								NA		NA			06/07/2004
(622)	0.70	510	G	98%	0%	2%	0%	1%	0%	C	0.101	F	0.656	550	G	2009
(623) Finchs Hill Rd	1.28	280	R								NA		NA			05/10/2007
(624)	1.20	90	R								NA		NA			05/24/2004
Town of Warsaw																
(624)	0.10	90	N								NA		NA			05/24/2004
Richmond County																
(624) Newland Rd	0.20	2200	G	98%	0%	1%	1%	1%	0%	F	0.095	F	0.612	2300	G	2009
(624)	0.80	1800	G	98%	0%	1%	1%	1%	0%	C	0.103	F	0.580	1900	G	2009

Virginia Department of Transportation
Traffic Engineering Division
2009
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																
(624)	1.10	1200	G	98%	0%	1%	1%	1%	0%	F	0.102	F	0.794	1300	G	2009
			From: 79-621 Chestnut Hill Rd													
			To: 79-676 Reisingers Rd													
(624)	3.27	950	G	98%	0%	1%	1%	1%	0%	F	0.097	F	0.605	1000	G	2009
			From: 79-636 N, Havelock Rd													
			To: 79-638 S, Jones Creek Rd													
(624)	0.90	920	G	98%	0%	1%	1%	1%	0%	F	0.094	F	0.613	1000	G	2009
			From: 79-638 N, Oak Row Rd													
(624)	4.56	590	G	98%	0%	1%	1%	1%	0%	F	0.1	F	0.545	640	G	2009
			To: Westmoreland County Line													
(625)	Cliffs Rd	0.65	20	R								NA		NA		05/10/2007
			From: 79-622 Carters Wharf Rd													
			To: Dead End													
(626)	Arnold Lane	0.31	70	R								NA		NA		05/02/2007
			From: SR 3 Historyland Hwy													
			To: 79-614 Boswell Rd													
(627)	Drinking Swamp Rd	2.14	400	R								NA		NA		04/30/2007
			From: 79-619 Mulberry Rd													
			To: US 360 Richmond Rd													
(627)	Drinking Swamp Rd	0.06	360	R								NA		NA		04/30/2007
			From: 79-661 Totuskey Church Rd													
			To: Dead End													
(628)	Cole Hill Lane	0.70	70	R								NA		NA		05/24/2004
			From: US 360 Richmond Rd													
			To: 79-620 Threeway Rd													
(629)	Bells Dr	0.17	230	R								NA		NA		05/02/2007
			From: 79-695 Church Lane													
(629)	Bells Dr	0.26	160	R								NA		NA		05/02/2007
			From: Dead End													
			To: Dead End													
(630)	Wellfords Wharf Rd	1.25	160	R								NA		NA		05/02/2007
			From: 79-660 Cobham Park Lane													
(630)	Wellfords Wharf Rd	1.41	260	G	99%	0%	0%	0%	0%	C	0.121	F	0.7	290	G	2009
			From: 79-631 Fox Hunters Hill Rd													
(630)	Wellfords Wharf Rd	1.69	640	G	99%	0%	0%	0%	0%	F	0.119	F	0.654	700	G	2009
			From: SR 3 Historyland Hwy													
			To: Dead End													
(631)	Fox Hunters Hill Rd	1.30	250	R								NA		NA		05/19/2004
			From: 79-630 Wellfords Wharf Rd													
			To: Dead End													
(632)	Islington Rd	1.79	130	R								NA		NA		05/24/2004
			From: 79-679 Silas Dr													
(632)	Islington Rd	0.07	210	R								NA		NA		05/24/2004
			From: 79-698 Gravel Pit Rd													
(632)	Islington Rd	0.78	690	R								NA		NA		05/02/2007
			From: SR 3 Historyland Hwy													
(633)	Scates Rd	2.51	20	R								NA		NA		05/07/2007
			From: 79-637 Piney Grove Rd													
			To: 79-690 Menokin Rd													
(634)	Naylors Beach Rd	0.55	120	R								NA		NA		06/02/2004
			From: Dead End													
			To: 79-636 Strangeway Rd													

Virginia Department of Transportation
Traffic Engineering Division
2009
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																
(634) Naylor's Beach Rd	4.06	350	G	94%	0%	1%	1%	4%	0%	C	0.112	F	0.521	380	G	2009
(635) Grove Mount Rd	1.41	160	R								NA		NA			05/10/2007
(636) Strangeway Rd	1.70	180	R								NA		NA			05/10/2007
(636) Strangeway Rd	0.32	280	R								NA		NA			05/10/2007
(636) Havelock Rd	2.00	60	R								NA		NA			05/10/2007
(637) Kinderhook Pike	0.70	130	R								NA		NA			05/10/2007
(637) County Bridge Rd	1.50	310	R								NA		NA			05/10/2007
(637) Piney Grove Rd	2.44	670	R								NA		NA			05/07/2007
(637) Piney Grove Rd	1.50	210	R								NA		NA			05/07/2007
(638) Jones Creek Rd	3.00	270	R								NA		NA			05/10/2007
(638) Oak Row Rd	1.40	260	G	98%	0%	1%	0%	1%	0%	C	0.101	F	0.697	290	G	2009
(638) Oak Row Rd	1.30	270	G	98%	0%	1%	0%	1%	0%	F	0.117	F	0.636	290	G	2009
(638) China Hill Rd	2.10	140	R								NA		NA			05/10/2007
(639) Mazingo Rd	0.45	20	R								NA		NA			05/07/2007
(640) Sandys Lane	2.50	100	R								NA		NA			05/07/2007
(641) Husseys Creek Rd	1.10	100	R								NA		NA			04/25/2007
(642) Sharps Rd	0.04	30	R								NA		NA			05/19/2004
(642) Sharps Rd	0.01	70	R								NA		NA			05/19/2004
(642) Sharps Rd	1.10	220	R								NA		NA			05/19/2004
(642) Sharps Rd	1.10	260	G	97%	0%	1%	0%	2%	0%	F	0.106	F	0.547	280	G	2009
(642) Sharps Rd	0.70	400	G	97%	0%	1%	0%	2%	0%	F	0.099	F	0.545	430	G	2009

Virginia Department of Transportation
Traffic Engineering Division
2009
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	480	G	97%	0%	1%	0%	2%	0%	C	0.1	F	0.509	520	G	2009
						From: 79-614 Beaver Dam Rd; Suggets Point Rd										
(642) Sharps Rd	0.90	670	G	97%	0%	1%	0%	2%	0%	F	0.117	F	0.615	720	G	2009
						From: 79-651 Forest Rd										
						To: SR 3 History Land Hwy										
(643) The Hook Rd	1.16	180	R								NA			NA		05/19/2004
						From: 79-614 Folly Neck Rd										
						To: Dead End										
(644) Sells Lane	0.46	110	R								NA			NA		04/30/2007
						From: Dead End										
						To: 79-656 Bryants Town Rd										
(645) Crookhorn Rd	0.70	80	R								NA			NA		05/07/2007
						From: Dead End										
						To: Westmoreland County Line										
(646) Millpond Rd	0.55	160	R								NA			NA		05/07/2007
						From: US 360 Richmond Rd										
						To: 0.55 MN US 360										
(646) Millpond Rd	0.99	120	R								NA			NA		05/07/2007
						From: 79-621 Chestnut Hill Rd										
						To: Dead End										
(647) Hales Point Rd	0.80	120	R								NA			NA		05/19/2004
						From: Dead End										
						To: 79-648 Oakley Lane										
(647) Hales Point Rd	0.90	190	R								NA			NA		05/19/2004
						From: 79-610										
(647) Hales Point Rd	2.40	350	R								NA			NA		05/19/2004
						From: 79-608 Famham Creek Rd										
						To: 79-647 Hales Point Rd										
(648) Oakley Lane	0.70	60	R								NA			NA		05/19/2004
						From: 79-647 Hales Point Rd										
						To: Dead End										
Town of Warsaw																
(649) Meadowbrook Rd	0.26	220	R								NA			NA		05/14/2007
						From: US 360 W, Richmond Rd										
						To: US 360 E, Richmond Rd										
Richmond County																
(650) Barnfield Rd	0.90	810	R								NA			NA		04/30/2007
						From: Dead End										
						To: 79-619 Rich Neck Rd										
(651) Forest Rd	0.20	40	R								NA			NA		04/25/2007
						From: 79-614 Beaver Dam Rd										
						To: 0.20 MN 79-614 Beaver Dam Rd										
(651) Forest Rd	1.92	80	R								NA			NA		04/25/2007
						From: 79-642 Sharps Rd										
						To: Dead End										
(652) Waterview Rd	0.53	30	R								NA			NA		05/10/2007
						From: Dead End										
						To: 79-683 Bowens Lane										
(652) Waterview Rd	1.07	130	R								NA			NA		05/10/2007
						From: 79-636 Strangeway Rd										
						To: SR 3 History Land Hwy										
(653) Sanfords Lane	0.45	90	R								NA			NA		05/02/2007
						From: Dead End										
						To: 79-667 Sunnyside Lane										
(653) Sanfords Lane	0.45	70	R								NA			NA		05/02/2007
						From: Dead End										
						To: Dead End										
(654) Dunaway Lane	1.30	10	R								NA			NA		04/25/2007
						From: Dead End										
						To: 79-600 Ridge Rd										

Virginia Department of Transportation
Traffic Engineering Division
2009
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	48	R											NA		05/19/2004
(656) Bryants Town Rd	0.63	60	R											NA		04/30/2007
(656) Bryants Town Rd	0.57	240	R											NA		04/30/2007
(657) Little Florida Rd	0.90	50	R											NA		05/19/2004
(658) Murphys Place	0.52	70	R											NA		06/07/2004
(659) Spring Hill Rd	0.50	20	R											NA		05/07/2007
(660) Cobham Park Lane	0.35	70	R											NA		05/19/2004
(660) Cobham Park Lane	0.15	110	R											NA		05/19/2004
(661) Totuskey Church Rd	1.90	540	R											NA		04/30/2007
(661) Totuskey Church Rd	0.08	10	R											NA		04/30/2007
(662) Withers Lane	0.70	190	R											NA		04/30/2007
(663) Thompsontown Rd	1.00	70	R											NA		05/24/2004
(664) Emmanuel Church Rd	0.45	40	R											NA		05/07/2007
(665) Milden Lane	0.10	40	R											NA		05/19/2004
(666)	0.06	NA												NA		
(667) Sunnyside Lane	0.64	8	R											NA		05/02/2007
(668) Village Lane	0.15	80	R											NA		05/17/2004
(669) Headley Lane	0.05	30	R											NA		05/19/2004
(670) Scott Town Rd	0.65	200	R											NA		05/24/2004

Virginia Department of Transportation
Traffic Engineering Division
2009
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		04/30/2007
(672)	0.35	60	R									NA		NA		05/19/2004
(673) Lanier Rd	0.84	100	R									NA		NA		05/19/2004
(674) Kellys Lane	0.40	130	R									NA		NA		05/07/2007
(675) Elliots Dr	0.61	20	R									NA		NA		06/02/2004
(676) Reisingers Rd	0.98	160	R									NA		NA		06/02/2004
(677) Morres Mill Rd	0.30	70	R									NA		NA		04/30/2007
(678) Pea Ridge Lane	0.67	30	R									NA		NA		05/10/2007
(678) Pea Ridge Lane	0.13	50	R									NA		NA		05/10/2007
(679) Silas Dr	0.35	70	R									NA		NA		05/24/2004
(680) Smith Lane	0.40	130	R									NA		NA		06/02/2004
(681) Front St	0.40	100	R									NA		NA		05/19/2004
(682) Farnham Landing	0.09	6	R									NA		NA		05/19/2004
(683) Bowens Lane	0.38	60	R									NA		NA		06/02/2004
(684) Blues Lane	0.55	45	R									NA		NA		05/02/2007
(685)	0.35	130	R									NA		NA		06/02/2004
(686) Pocahontas Dr	0.08	60	R									NA		NA		05/24/2004
(686) Pocahontas Dr	0.07	90	R									NA		NA		05/24/2004
(687) Old Treasure Rd	0.12	200	R									NA		NA		05/17/2004

Virginia Department of Transportation
Traffic Engineering Division
2009
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)	0.20	70	R								NA			NA		05/19/2004
(689) Bunker Hill Rd	0.19	50	R								NA			NA		05/17/2004
Town of Warsaw																
(690) Menokin Rd	0.20	820	G	98%	0%	1%	0%	1%	0%	F	0.111	F	0.540	890	G	2009
Richmond County																
(690) Menokin Rd	2.64	590	G	98%	0%	1%	0%	1%	0%	C	0.131	F	0.516	640	G	2009
(690) Menokin Rd	2.49	770	R								NA			NA		05/07/2007
(690) Menokin Rd	1.50	670	R								NA			NA		05/07/2007
(690) Menokin Rd	0.50	550	R								NA			NA		05/07/2007
(691) Northernmost Rd	0.85	20	R								NA			NA		05/10/2007
(692) N Farnham Church Rd	0.40	500	R								NA			NA		04/30/2007
(692) N Farnham Church Rd	0.22	570	G	97%	1%	1%	1%	1%	0%	C	0.101	F	0.594	620	G	2009
(693) Carter Town Rd	0.30	120	R								NA			NA		06/07/2004
(694) Burnt House Rd	0.19	30	R								NA			NA		05/10/2007
(695) Church Lane	0.15	150	R								NA			NA		05/02/2007
(696) Heaggans Rd	0.19	30	R								NA			NA		04/25/2007
(697) Indianfield Rd	0.66	210	R								NA			NA		09/26/2001
(697) Indianfield Rd	0.76	60	R								NA			NA		05/02/2007
(698) Gravel Pit Rd	0.36	110	R								NA			NA		05/24/2004
(699)	0.13	100	R								NA			NA		05/24/2004
Town of Warsaw																
(700) Selftown Rd	0.13	700	R								NA			NA		05/14/2007

Virginia Department of Transportation
Traffic Engineering Division
2009
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	50	R								NA		NA		04/25/2007	
702	Poplar Court	0.17	60	R								NA		NA		05/19/2004	
703	Rose Hill Dr	0.15	140	R								NA		NA		05/02/2007	
704	Rose Hill Dr	0.38	45	R								NA		NA		05/02/2007	
705	Woodyard Rd	0.04	50	R								NA		NA		05/14/2007	
707	Creek View Lane	0.22	50	R								NA		NA		05/19/2004	
708	Cedar Point Rd	0.38	60	R								NA		NA		05/19/2004	
709		0.19	60	R								NA		NA		05/19/2004	
710	Indian Banks Rd	0.42	70	R								NA		NA		04/25/2007	
720	Bamboo Lane	0.20	30	R								NA		NA		04/25/2007	
Town of Warsaw																	
1000	Harris Ave	0.25	70	R								NA		NA		05/14/2007	
1001	Hamilton Blvd	0.75	410	G	96%	0%	2%	1%	0%	0%	C	0.131	F	0.597	450	G	2009
1002	Belleville Lane	0.23	310	R								NA		NA		05/02/2007	
1003	St Johns St	0.23	1000	R								NA		NA		05/02/2007	
1004	Court Circle	0.17	320	R								NA		NA		05/14/2007	
1004	Court Circle	0.13	310	R								NA		NA		09/11/2001	
1005	Lakeside Dr	0.18	30	R								NA		NA		06/06/2004	
1005	Lakeside Dr	0.17	100	R								NA		NA		06/07/2004	

Virginia Department of Transportation
Traffic Engineering Division
2009
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	80	R				From: 79-1020 Ivy Lane					NA		NA		06/07/2004
							To: 79-690 Menokin Rd									
(1006) Ridgeway Rd	0.08	240	R				From: 79-1012 Sunset Lane					NA		NA		05/14/2007
							To: 79-1005 Lakeside Dr									
(1006) Ridgeway Rd	0.10	410	R				From: SR 3					NA		NA		05/14/2007
							To: US 360 Richmond Rd									
(1007) Sabine Hall Rd	0.13	820	R				From: US 360 Richmond Rd					NA		NA		05/14/2007
							To: Dead End									
(1008) Pine St	0.19	120	R				From: US 360 Richmond Rd					NA		NA		05/02/2007
							To: 79-1002 Belleville Lane									
(1009) Washington Ave	0.09	200	R				From: 79-1028 Level Blvd					NA		NA		06/09/2004
							To: 79-1014 SOUTH									
(1009) Washington Ave	0.02	230	R				From: 79-1014 NORTH					NA		NA		06/09/2004
							To: 79-1014 NORTH									
(1009) Washington Ave	0.06	240	R				From: 79-1010 SOUTH					NA		NA		06/09/2004
							To: 79-1010 SOUTH									
(1009) Washington Ave	0.03	280	R				From: 79-1010 NORTH					NA		NA		06/09/2004
							To: 79-1010 NORTH									
(1009) Washington Ave	0.05	330	R				From: US 360 Richmond Rd					NA		NA		05/14/2007
							To: WCL Warsaw									
(1010)	0.06	30	R				From: 79-1011 Madison Ave					NA		NA		06/09/2004
							To: 79-1009 Washington Ave									
(1010)	0.09	150	R				From: 79-1009 S, Washington Ave					NA		NA		06/09/2004
							To: 79-1018 Memorial Dr									
(1010)	0.14	30	R				From: 79-1014					NA		NA		06/07/2004
							To: 79-1010									
(1011) Madison Ave	0.09	70	R				From: Dead End					NA		NA		06/09/2004
							To: 79-1005 Lakeside Dr									
(1012) Sunset Lane	0.11	170	R				From: 79-1006 Ridgeway Rd					NA		NA		06/07/2004
							To: Dead End									
(1012) Sunset Lane	0.08	160	R				From: US 360 Richmond Rd					NA		NA		06/07/2004
							To: Dead End									
(1012) Sunset Lane	0.28	80	R				From: WCL Warsaw					NA		NA		06/07/2004
							To: 79-1011 Madison Ave									
(1013) Jones Lane	0.18	410	R				From: 79-1009 Washington Ave					NA		NA		05/14/2007
							To: 79-1018 Memorial Dr									
(1014)	0.04	20	R				From: 79-1011 Madison Ave					NA		NA		06/09/2004
							To: 79-1009 Washington Ave									
(1014)	0.09	20	R				From: 79-1018 Memorial Dr					NA		NA		06/07/2004
							To: 79-1018 Memorial Dr									

Virginia Department of Transportation
Traffic Engineering Division
2009
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	120	R									NA		NA		05/14/2007
(1015) Wallace St	0.33	450	R									NA		NA		05/14/2007
(1015) Wallace St	0.09	800	R									NA		NA		05/14/2007
(1016) Morgan Lane	0.41	370	R									NA		NA		05/07/2004
(1017) West Morgan Lane	0.04	40	R									NA		NA		06/07/2004
(1017) West Morgan Lane	0.07	150	R									NA		NA		06/07/2004
(1017) West Morgan Lane	0.10	60	R									NA		NA		06/07/2004
(1018) Memorial Dr	0.05	50	R									NA		NA		06/07/2004
(1018) Memorial Dr	0.10	80	R									NA		NA		06/07/2004
(1018) Memorial Dr	0.08	110	R									NA		NA		06/07/2004
(1019) Gordon Lane	0.15	40	R									NA		NA		06/07/2004
(1020) Ivy Lane	0.12	30	R									NA		NA		06/07/2004
(1021) Maple St	0.15	590	R									NA		NA		05/24/2004
(1022) Walnut St	0.18	1200	R									NA		NA		05/24/2004
(1022) Walnut St	0.04	1200	R									NA		NA		05/24/2004
(1023) Quail Trail	0.16	70	R									NA		NA		06/07/2004
(1027) Sturman Lane	0.15	70	R									NA		NA		06/07/2004
(1028) Level Blvd	0.13	160	R									NA		NA		06/09/2004
(1028) Level Blvd	0.02	30	R									NA		NA		06/09/2004
Richmond County																
(1029) Georgia Ave	0.09	40	R									NA		NA		06/09/2004

Virginia Department of Transportation
Traffic Engineering Division
2009
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	150	R								NA			NA		06/07/2004
(1033) Lee Ave	0.09	60	R								NA			NA		06/07/2004
(1034) Jackson Court	0.05	40	R								NA			NA		06/07/2004
(1035) College Ave	0.07	470	R								NA			NA		05/14/2007
(1035) College Ave	0.22	310	R								NA			NA		05/14/2007
(1035) College Ave	0.04	20	R								NA			NA		05/14/2007
(1036) Campus Dr	0.04	260	R								NA			NA		06/07/2004
(1037) Atkinson Dr	0.18	140	R								NA			NA		06/07/2004
(1037) Atkinson Dr	0.02	40	R								NA			NA		06/07/2004
(1038) Freedom Way	0.16	170	R								NA			NA		06/07/2004
(1038) Freedom Way	0.05	30	R								NA			NA		06/07/2004
Richmond County																
(1040) Lyell Dr	0.05	30	R								NA			NA		05/24/2004
(1041) Hinson Rd	0.12	120	R								NA			NA		05/24/2004
(1044) Estate Lane	0.18	50	R								NA			NA		05/02/2007
(1047) Meadowview Lane	0.13	70	R								NA			NA		04/30/2007
(1050)	0.05	NA									NA			NA		
(1060) Schoolhouse Rd	0.14	90	R								NA			NA		05/17/2004
(1061) North Bend Rd	0.06	10	R								NA			NA		05/17/2004
(1061) North Bend Rd	0.11	40	R								NA			NA		05/17/2004
(1101) Red Wing Lane	0.15	40	R								NA			NA		05/24/2004

Virginia Department of Transportation
 Traffic Engineering Division
 2009
 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																
①1102 Powhatan Trail	0.07	10	R	From: 79-1101 Red Wing Lane				NA						NA		05/24/2004
				To: 79-697 Indianfield Rd												
①1110 Settlers Landing Rd	0.20	140	R	From: 79-620 Richmond Hill Rd				NA						NA		05/24/2004
				To: Dead End												
①1111 Waterside Dr	0.29	80	R	From: Cul-de-Sac				NA						NA		05/24/2004
				To: 79-1110 Settlers Landing Rd												
⑨350	0.12	260	R	From: SR 3 Historyland Hwy				NA						NA		05/02/2007
				To: SR 3 Historyland Hwy												
⑨838 Rappahannock High Sc	0.15	260	R	From: US 360 Richmond Rd				NA						NA		05/02/2007
				To: US 360 Richmond Rd												