

2012

**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



Interstate Route

Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.



US Route



Virginia State Route



Frontage Road (F precedes frontage route number)



Secondary Route

Special Routes



Bus - Business Route

Bypas - Bypass Route

Truck - Truck Route



ALT - Alternate Route

Wve - Wve Route connector



P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.



The VDOT Maintenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

Virginia Department of Transportation
Traffic Engineering Division
2012
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	94%	0%	1%	1%	4%	0%	F	0.09	F	0.502	4800	G
3 Historyland Hwy	To: SR 203 Oldhams Rd From: Richmond County	1.46	6000	G	94%	0%	1%	1%	4%	0%	C	0.084	F	0.526	6100	G
3 Historyland Hwy	To: 79-653 Sanfords Lane From: Richmond County	0.79	6000	N	94%	0%	1%	1%	4%	0%	N	0.084	N	0.526	6100	N
3 Historyland Hwy	To: NCL Warsaw From: Town of Warsaw (Maint: 79)	0.20	6000	N	94%	0%	1%	1%	4%	0%	N	0.084	N	0.526	6100	N
3 Historyland Hwy	To: Bus SR 3 Main St From: Richmond County	1.23	2100	G	94%	0%	1%	1%	4%	0%	F	0.089	F	0.640	2200	G
3 Historyland Hwy	To: US 360, SR 3 Bus Richmond Rd From: Town of Warsaw (Maint: 79)	0.11	6500	G	91%	1%	1%	4%	2%	0%	F	0.09	F	0.592	6600	G
3 Historyland Hwy	To: SCL Warsaw From: Richmond County	6.20	6500	N	91%	1%	1%	4%	2%	0%	N	0.09	N	0.592	6600	N
3 Historyland Hwy	To: 79-642 Sharps Rd From: Richmond County	3.07	3300	G	91%	1%	1%	4%	2%	0%	F	0.087	F	0.565	3400	G
3 Historyland Hwy	To: 79-692, N Farnham Church Rd From: Richmond County	2.37	3100	G	91%	1%	1%	4%	2%	0%	F	0.085	F	0.605	3200	G
3 Historyland Hwy	To: 79-608 Farnham Creek Rd From: Richmond County	2.70	3100	G	91%	1%	1%	4%	2%	0%	F	0.094	F	0.518	3200	G
Bus 3 Main St	To: Lancaster County Line From: SR 3 Historyland Hwy Town of Warsaw (Maint: 79)	0.77	12000	N	96%	0%	1%	1%	2%	0%	N	0.082	N	0.642	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	96%	0%	1%	1%	2%	0%	F	0.082	F	0.642	13000	G
203 Oldhams Rd	To: SR 3 Historyland Hwy From: SR 3 Historyland Hwy Richmond County	0.40	2200	G	79%	0%	1%	2%	18%	0%	F	0.083	F	0.618	2300	G
360 Richmond Rd	To: Westmoreland County Line From: Essex County Line Richmond County	3.98	14000	G	96%	0%	1%	1%	2%	0%	F	0.082	F	0.578	14000	G
360 Richmond Rd	To: 79-624 W; Newland Rd From: 79-624 W; Newland Rd Richmond County	0.40	13000	A	96%	0%	1%	1%	2%	0%	C	0.1	A	0.565	13000	A
360 Richmond Rd	To: WCL Warsaw From: Town of Warsaw (Maint: 79)	2.02	13000	N	96%	0%	1%	1%	2%	0%	N	0.1	N	0.565	13000	N
Bus 360 3 Richmond Rd	To: W SR 3 Bus From: Town of Warsaw (Maint: 79)	0.78	12000	G	96%	0%	1%	1%	2%	0%	F	0.082	F	0.642	13000	G
	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	G	96%	0%	1%	1%	2%	0%	F	0.086	F	0.634	7900	G	
		To:	ECL Warsaw														
360 Richmond Rd	Richmond County	4.59	7700	N	96%	0%	1%	1%	2%	0%	N	0.086	N	0.634	7900	N	
		From:	79-661 Totuskey Church Rd														
360 Richmond Rd	Richmond County	2.97	6100	G	96%	0%	1%	1%	2%	0%	F	0.089	F	0.653	6200	G	
		To:	Northumberland County Line														

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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	380	G	97%	0%	0%	1%	1%	0%	F	0.138	F	0.5	390	G	2012
(600) Ridge Rd	2.23	420	G	97%	0%	0%	1%	1%	0%	F	0.113	F	0.542	430	G	2012
(600) Ridge Rd	0.26	450	G	97%	0%	0%	1%	1%	0%	C	0.111	F	0.574	460	G	2012
(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	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	360	G	91%	1%	2%	2%	5%	0%	C	0.097	F	0.539	370	G	2012
(607) Union Mill Rd	0.90	190	R								NA			NA		07/15/2010
(607) Canal Rd	3.25	680	G	97%	0%	1%	1%	1%	0%	F	0.1	F	0.532	700	G	2012
(607) Canal Rd	1.65	740	G	97%	0%	1%	1%	1%	0%	F	0.112	F	0.619	760	G	2012
(607) Canal Rd	0.50	410	G	97%	0%	1%	1%	1%	0%	C	0.119	F	0.623	420	G	2012
(608) Farnham Creek Rd	1.03	170	G	95%	0%	2%	1%	2%	0%	F	0.116	F	0.510	170	G	2012

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						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
(608) Farnham Creek Rd	0.08	270	G	95%	0%	2%	1%	2%	0%	F	0.119	F	0.667	270	G	2012
						From: 79-610 Irondale Rd										
						To: 79-613 Calvary Church Rd										
(608) Farnham Creek Rd	3.37	180	G	95%	0%	2%	1%	2%	0%	F	0.122	F	0.556	190	G	2012
						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) Laurel Grove Rd	0.65	60	R								NA			NA		07/15/2010
						From: 79-647 Hales Point Rd										
						To: 79-657 Little Florida Rd										
(610) Laurel Grove Rd	0.30	40	R								NA			NA		07/15/2010
						From: Dead End; Gap										
(610) Ivondale Rd	0.45	10	R								NA			NA		07/15/2010
						From: 79-641 Husseys Creek Rd										
(610) Ivondale Rd	0.75	160	R								NA			NA		07/15/2010
						From: 79-608 Farnham Creek Rd										
						To: 79-613 Calvary Church Rd										
(611) Conley Pond Rd	1.50	120	R								NA			NA		04/25/2007
						From: SR 3 History Land Hwy										
						To: 79-602 Cedar Grove Rd										
(612) Oakland Rd	1.30	280	R								NA			NA		04/30/2007
						From: 79-616 Luttrellville Lane										
(612) Oakland Rd	3.30	250	R								NA			NA		04/30/2007
						From: 66-600 Ridge Rd										
						To: 79-608 Farnham Creek Rd										
(613) Calvary Church Rd	2.50	210	R								NA			NA		04/25/2007
						From: 79-611 Conley Pond Rd										
(613) Calvary Church Rd	0.80	230	R								NA			NA		04/25/2007
						From: SR 3 History Land Hwy										
(614) Suggets Point Rd	0.07	48	R								NA			NA		04/25/2007
						From: Dead End										
						To: 79-669 Headley Lane										
(614) Suggets Point Rd	2.20	110	R								NA			NA		05/25/2007
						From: 79-642 Sharps Rd										
(614) Beaver Dam Rd	2.17	150	R								NA			NA		04/25/2007
						From: 79-615										
(614) Folly Neck Rd	1.84	380	R								NA			NA		04/25/2007
						From: 79-643 The Hook Rd										
(614) Folly Neck Rd	0.70	480	G	98%	0%	1%	1%	0%	0%	C	0.111	F	0.695	490	G	2012
						From: SR 3 Historyland Hwy										
(614) Boswell Rd	0.23	60	R								NA			NA		05/02/2007
						From: 79-626 Arnold Lane										
(614) Boswell Rd	1.25	50	R								NA			NA		05/02/2007
						From: Dead End										
(615) Folly Neck Rd	1.40	80	R								NA			NA		07/19/2010
						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										

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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																
(617) Normans Corner Rd	0.80	710	G	98%	0%	1%	0%	1%	0%	C	0.131	F	0.568	720	G	2012
(618) Fallin Town Rd	1.00	440	R								NA			NA		04/30/2007
(619) Mulberry Rd	3.10	430	G	98%	0%	1%	1%	0%	0%	C	0.121	F	0.55	440	G	2012
(619) Mulberry Rd	1.42	390	G	98%	0%	1%	1%	0%	0%	F	0.109	F	0.537	400	G	2012
(619) Rich Neck Rd	2.80	470	G	98%	0%	1%	1%	0%	0%	F	0.098	F	0.519	480	G	2012
(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	47	R								NA			NA		08/11/2010
(622) Carters Wharf Rd	0.70	60	R								NA			NA		08/11/2010
(622) Snyder Rd	2.10	130	R								NA			NA		08/11/2010
(622) Snyder Rd	0.20	290	R								NA			NA		08/11/2010
(622) Snyder Rd	0.70	610	G	99%	0%	0%	0%	0%	0%	C	0.106	F	0.625	630	G	2012
(623) Finchs Hill Rd	1.28	280	R								NA			NA		05/10/2007
(624) Sabine Hall Rd	1.20	90	R								NA			NA		08/03/2010
Town of Warsaw																
(624) Sabine Hall Rd	0.10	90	N								NA			NA		08/03/2010
Richmond County																
(624) Newland Rd	0.20	2400	G	97%	0%	1%	1%	2%	0%	F	0.091	F	0.619	2500	G	2012
(624) Newland Rd	0.80	2100	G	97%	0%	1%	1%	2%	0%	C	0.089	F	0.621	2100	G	2012

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						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
(624) Newland Rd	1.10	1500	G	97%	0%	From: 79-621 Chestnut Hill Rd				F	0.091	F	0.583	1500	G	2012
(624) Newland Rd	3.27	1200	G	97%	0%	From: 79-676 Reisingers Rd				F	0.092	F	0.642	1300	G	2012
(624) Newland Rd	3.21	1000	G	97%	0%	From: 79-636 N, Havelock Rd				F	0.088	F	0.609	1100	G	2012
(624) Newland Rd	0.90	1000	G	97%	0%	From: 79-638 S, Jones Creek Rd				F	0.086	F	0.546	1000	G	2012
(624) Newland Rd	4.56	700	G	97%	0%	From: 79-638 N, Oak Row Rd				F	0.088	F	0.5	720	G	2012
						To: Westmoreland County Line										
(625) Cliffs Rd	0.65	9	R			From: 79-622 Carters Wharf Rd						NA		NA		08/11/2010
						To: Dead End										
(626) Arnold Lane	0.31	70	R			From: SR 3 Historyland Hwy						NA		NA		05/02/2007
						To: 79-614 Boswell Rd										
(627) Drinking Swamp Rd	2.14	400	R			From: 79-619 Mulberry Rd						NA		NA		04/30/2007
(627) Drinking Swamp Rd	0.06	360	R			From: US 360 Richmond Rd						NA		NA		04/30/2007
						To: 79-661 Totuskey Church Rd										
(628) Cole Hill Lane	0.70	130	R			From: Dead End						NA		NA		08/03/2010
						To: US 360 Richmond Rd										
(629) Bells Dr	0.17	230	R			From: 79-620 Threeway Rd						NA		NA		05/02/2007
(629) Bells Dr	0.26	160	R			From: 79-695 Church Lane						NA		NA		05/02/2007
						To: Dead End										
(630) Wellfords Wharf Rd	1.25	160	R			From: Dead End						NA		NA		05/02/2007
(630) Wellfords Wharf Rd	1.41	270	G	98%	1%	From: 79-660 Cobham Park Lane				C	0.111	F	0.625	270	G	2012
(630) Wellfords Wharf Rd	1.69	670	G	98%	1%	From: 79-631 Fox Hunters Hill Rd				F	0.103	F	0.615	680	G	2012
						To: SR 3 Historyland Hwy										
(631) Fox Hunters Hill Rd	1.30	290	R			From: Dead End						NA		NA		07/19/2010
						To: 79-630 Wellfords Wharf Rd										
(632) Islington Rd	1.79	70	R			From: Dead End						NA		NA		07/19/2010
(632) Islington Rd	0.07	200	R			From: 79-679 Silas Dr						NA		NA		07/19/2010
(632) Islington Rd	0.78	690	R			From: 79-698 Gravel Pit Rd						NA		NA		05/02/2007
						To: SR 3 Historyland Hwy										
(633) Scates Rd	2.51	20	R			From: 79-637 Piney Grove Rd						NA		NA		05/07/2007
						To: 79-690 Menokin Rd										
(634) Naylor's Beach Rd	0.55	90	R			From: Dead End						NA		NA		08/11/2010
						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	350	G	97%	0%	1%	1%	1%	0%	C	0.112	F	0.56	360	G	2012	
						From: 79-636 Strangeway Rd											
						To: 79-624 Newland Rd											
(635) Grove Mount Rd	1.41	160	R								NA			NA		05/10/2007	
						From: 79-624 Newland Rd											
						To: 79-636 Havelock Rd											
(636) Strangeway Rd	1.70	180	R								NA			NA		05/10/2007	
						From: 79-634 Naylor's Beach Rd											
(636) Strangeway Rd	0.32	280	R								NA			NA		05/10/2007	
						From: 79-640 Sandys Lane											
						To: 79-624 S, Newland Rd											
(636) Havelock Rd	2.00	60	R								NA			NA		05/10/2007	
						From: 79-624 N, Newland Rd											
						To: 79-637 Piney Grove Rd; County Bridge Rd											
(637) Kinderhook Pike	0.70	130	R								NA			NA		05/10/2007	
						From: Dead End											
						To: 79-624 W, Newland Rd											
(637) County Bridge Rd	1.50	310	R								NA			NA		05/10/2007	
						From: 79-624 E, Newland Rd											
(637) Piney Grove Rd	2.44	670	R								NA			NA		05/07/2007	
						From: 79-636 Havelock Rd											
						To: 79-690 W, Menokin Rd											
(637) Piney Grove Rd	1.50	210	R								NA			NA		05/07/2007	
						From: 79-690 E, Menokin Rd											
						To: 79-621 Piney Grove Rd; Menokin Rd											
(638) Jones Creek Rd	3.00	270	R								NA			NA		05/10/2007	
						From: Dead End											
						To: 79-624 S, Newland Rd											
(638) Oak Row Rd	1.40	330	G	98%	0%	1%	0%	0%	0%	C	0.111	F	0.5	340	G	2012	
						From: 79-624 MID											
(638) Oak Row Rd	1.30	340	G	98%	0%	1%	0%	0%	0%	F	0.124	F	0.604	350	G	2012	
						From: 79-639 Mozingo Rd											
						To: 79-622 E, Snyder Rd											
(638) China Hill Rd	2.10	140	R								NA			NA		05/10/2007	
						From: 79-622 WEST											
						To: 79-624 N, Newland Rd											
(639) Mozingo Rd	0.45	20	R								NA			NA		05/07/2007	
						From: 79-638 Oak Row Rd											
						To: Dead End											
(640) Sandys Lane	2.50	100	R								NA			NA		05/07/2007	
						From: 79-636 Strangeway Rd											
						To: 79-624 Newland Rd											
(641) Husseys Creek Rd	1.10	100	R								NA			NA		04/25/2007	
						From: 79-642 Sharps Rd											
						To: 79-610 Ivondale Rd											
(642) Sharps Rd	0.04	30	R								NA			NA		07/15/2010	
						From: Dead End											
(642) Sharps Rd	0.01	90	R								NA			NA		07/15/2010	
						From: 79-665 Mildens Lane											
(642) Sharps Rd	1.10	280	R								NA			NA		07/15/2010	
						From: 79-681 Front St											
						To: 79-641 Husseys Creek Rd											
(642) Sharps Rd	1.10	280	G	97%	0%	0%	1%	1%	0%	F	0.113	F	0.667	290	G	2012	
						From: 79-608 Farnham Creek Rd											
(642) Sharps Rd	0.70	430	G	97%	0%	0%	1%	1%	0%	F	0.104	F	0.526	440	G	2012	
						From: 79-614 Beaver Dam Rd; Suggets Point Rd											

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						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
(642) Sharps Rd	2.28	560	G	97%	0%	0%	1%	1%	0%	C	0.098	F	0.625	570	G	2012
From: 79-614 Beaver Dam Rd; Suggets Point Rd																
(642) Sharps Rd	0.90	710	G	97%	0%	0%	1%	1%	0%	F	0.086	F	0.579	730	G	2012
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	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	130	R									NA		NA		07/15/2010
From: Dead End																
To: 79-648 Oakley Lane																
(647) Hales Point Rd	0.90	180	R									NA		NA		07/15/2010
From: 79-610																
To: 79-608 Famham Creek Rd																
(647) Hales Point Rd	2.40	310	R									NA		NA		07/15/2010
From: 79-647 Hales Point Rd																
To: Dead End																
(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	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																
(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																

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						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	60	R								NA			NA		04/30/2007
(656) Bryants Town Rd	0.57	240	R								NA			NA		04/30/2007
(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	R								NA			NA		05/07/2007
(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	540	R								NA			NA		04/30/2007
(661) Totuskey Church Rd	0.08	10	R								NA			NA		04/30/2007
(662) Withers Lane	0.70	190	R								NA			NA		04/30/2007
(663) Thompsontown 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	NA									NA			NA		
(667) Sunnyside Lane	0.64	8	R								NA			NA		05/02/2007
(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

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						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
(671) Thrift Rd	0.45	30	R								NA			NA		04/30/2007
(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	130	R								NA			NA		05/07/2007
(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	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	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	R								NA			NA		07/19/2010
(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

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						2Axle	3+Axle	1Trail	2Trail							
Richmond County																
(688) Lambs Lane	0.20	70	R								NA			NA		07/19/2010
From: Dead End																
To: 79-630 Wellfords Wharf Rd																
Town of Warsaw																
(689) Bunker Hill Rd	0.19	49	R								NA			NA		07/15/2010
From: Cul-de-Sac																
To: SR 3 History Land Hwy																
Town of Warsaw																
(690) Menokin Rd	0.20	800	G	98%	0%	1%	0%	0%	0%	F	0.114	F	0.571	820	G	2012
From: SR 3 Bus																
To: NCL Warsaw																
Richmond County																
(690) Menokin Rd	2.64	610	G	98%	0%	1%	0%	0%	0%	C	0.112	F	0.577	620	G	2012
From: NCL Warsaw																
To: 79-621 N, Chestnut Hill Rd																
(690) Menokin Rd	2.49	770	R								NA			NA		05/07/2007
From: 79-637 E, Piney Grove Rd																
(690) Menokin Rd	1.50	670	R								NA			NA		05/07/2007
From: 79-633 Scates Rd																
(690) Menokin Rd	0.50	550	R								NA			NA		05/07/2007
From: Westmoreland County Line																
To: Westmoreland County Line																
(691) Northernmost Rd	0.85	20	R								NA			NA		05/10/2007
From: Dead End																
To: SR 3 S, History Land Hwy																
(692) N Farnham Church Rd	0.40	500	R								NA			NA		04/30/2007
From: 79-607 Canal Rd																
(692) N Farnham Church Rd	0.22	580	G	97%	0%	2%	1%	0%	0%	C	0.101	F	0.645	600	G	2012
From: SR 3 N, History Land Hwy																
To: Dead End																
(693) Carter Town Rd	0.30	150	R								NA			NA		08/11/2010
From: 79-624 Newland Rd																
To: 79-635 Grove Mount Rd																
(694) Burnt House Rd	0.19	30	R								NA			NA		05/10/2007
From: Dead End																
To: US 360 Richmond Rd																
(695) Church Lane	0.15	150	R								NA			NA		05/02/2007
From: 79-629 Bells Dr																
To: Dead End																
(696) Heaggans Rd	0.19	20	R								NA			NA		07/15/2010
From: SR 3 History Land Hwy																
To: Barricade																
(697) Indianfield Rd	0.66	120	R								NA			NA		08/03/2010
From: 79-686 Pocahontas Dr																
(697) Indianfield Rd	0.76	60	R								NA			NA		05/02/2007
From: 79-620 Richmond Hill Rd																
To: Dead End																
(698) Gravel Pit Rd	0.36	80	R								NA			NA		07/19/2010
From: 79-632 Islington Rd																
To: Dead End																
(699) Scott Town Rd	0.13	90	R								NA			NA		08/03/2010
From: 79-670 Scott Town Rd																
To: US 360 Richmond Rd																
Town of Warsaw																
(700) Selftown Rd	0.13	700	R								NA			NA		05/14/2007
From: NCL Warsaw																
To: US 360 Richmond 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																
(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	47	R									NA		NA		07/19/2010
(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	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	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	340	G	97%	0%	2%	0%	1%	0%	C	0.108	F		350	G	2012
(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	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

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						2Axle	3+Axle	1Trail	2Trail							
Town of Warsaw																
1005 Lakeside Dr	0.08	60	R									NA		NA		08/03/2010
1006 Ridgeway Rd	0.08	240	R									NA		NA		05/14/2007
1006 Ridgeway Rd	0.10	410	R									NA		NA		05/14/2007
1007 Sabine Hall Rd	0.13	820	R									NA		NA		05/14/2007
1008 Pine St	0.19	120	R									NA		NA		05/02/2007
1009 Washington Ave	0.09	100	R									NA		NA		08/09/2010
1009 Washington Ave	0.02	140	R									NA		NA		08/09/2010
1009 Washington Ave	0.06	170	R									NA		NA		08/09/2010
1009 Washington Ave	0.03	230	R									NA		NA		08/09/2010
1009 Washington Ave	0.05	330	R									NA		NA		05/14/2007
1010 W Jefferson Ave	0.06	40	R									NA		NA		08/09/2010
1010 W Jefferson Ave	0.09	180	R									NA		NA		08/09/2010
1010 E Jefferson Ave	0.14	40	R									NA		NA		08/09/2010
1011 Madison Ave	0.09	60	R									NA		NA		08/09/2010
1012 Sunset Lane	0.11	90	R									NA		NA		08/03/2010
1012 Sunset Lane	0.08	100	R									NA		NA		08/03/2010
1012 Sunset Lane	0.28	70	R									NA		NA		08/03/2010
1013 Jones Lane	0.18	410	R									NA		NA		05/14/2007
1014 W Monroe Ave	0.04	20	R									NA		NA		08/09/2010
1014 W Monroe Ave	0.09	40	R									NA		NA		08/09/2010
1014 E Monroe Ave	0.15	30	R									NA		NA		08/09/2010

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						2Axle	3+Axle	1Trail	2Trail							
Town of Warsaw																
(1015) Wallace St	0.23	120	R			From: Cul-de-Sac					NA			NA		05/14/2007
(1015) Wallace St	0.33	450	R			To: 0.23 MN Cul-de-Sac					NA			NA		05/14/2007
(1015) Wallace St	0.09	800	R			From: 79-1036 Campus Dr					NA			NA		05/14/2007
						To: US 360 Richmond Rd										
(1016) Morgan Lane	0.41	340	R			From: 79-1017 West Morgan Lane					NA			NA		08/03/2010
						To: US 360 Richmond Rd										
(1017) West Morgan Lane	0.04	20	R			From: Dead End					NA			NA		08/03/2010
(1017) Morgan Lane	0.07	140	R			From: 79-1016 Morgan Lane					NA			NA		08/03/2010
(1017) Morgan Lane	0.10	47	R			From: 79-1023 Quail Trail					NA			NA		08/03/2010
						To: Dead End										
(1018) Memorial Dr	0.05	50	R			From: SCL Warsaw					NA			NA		08/09/2010
(1018) Memorial Dr	0.10	80	R			From: 79-1014					NA			NA		08/09/2010
(1018) Memorial Dr	0.08	130	R			From: 79-1010					NA			NA		08/09/2010
						To: 79-649 Meadowbrook Rd										
(1019) Gordon Lane	0.15	80	R			From: US 360 Richmond Rd					NA			NA		08/03/2010
						To: Dead End										
(1020) Ivy Lane	0.12	20	R			From: 79-1005 Lakeside Dr					NA			NA		08/03/2010
						To: NCL Warsaw										
(1021) Maple St	0.15	290	R			From: 79-1022 Walnut St					NA			NA		08/03/2010
						To: US 360 Richmond Rd										
(1022) Walnut St	0.18	480	R			From: SR 3 Historyland Hwy					NA			NA		08/03/2010
(1022) Walnut St	0.04	380	R			From: 79-1021 Maple St					NA			NA		08/03/2010
						To: Dead End										
(1023) Quail Trail	0.16	70	R			From: Dead End					NA			NA		08/03/2010
						To: 79-1017 West Morgan Lane										
(1027) Sturman Lane	0.15	100	R			From: Dead End					NA			NA		08/09/2010
						To: 79-649 Meadowbrook Rd										
(1028) Level Blvd	0.13	60	R			From: 79-1029 Georgia Ave					NA			NA		08/09/2010
(1028) Level Blvd	0.02	20	R			From: 79-1009 Washington Ave					NA			NA		08/09/2010
						To: Dead End										
Richmond County																
(1029) Georgia Ave	0.09	20	R			From: Dead End					NA			NA		08/09/2010
						To: 79-1028 Level Blvd										

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						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	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	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	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			
(1053)	0.60	NA									NA		NA			
(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

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						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