

2003

**Virginia Department of Transportation
Daily Traffic Volume Estimates**

Jurisdiction Report

93

Warren County
Town of Front Royal

Prepared By

**Virginia Department of Transportation
Mobility Management Division**

In Cooperation With

**U.S. Department of Transportation
Federal Highway Administration**

Virginia Department of Transportation
Mobility Management 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 at VDOT Mobility Management’s 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’s Mobility Management 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 Peak Hour 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 Peak Hour 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



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
 Mobility Management Division
 2003
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Warren Maintenance Area

Route	Length	AADT	QA	Year
Warren County				
From Shenandoah County Line				
(11)	0.19	3900	G	2003
To Frederick County Line				
From Rappahannock County Line				
(48) Skyline Drive	1.69	2000	M	2003
To Rappahannock County Line				
(48) Skyline Drive	10.47	2000	M	2003
To US 340; Front Royal				
From Shenandoah County Line				
(55)	4.91	3500	N	2003
To 93-626				
(55)	2.30	5800	G	2003
To WCL Front Royal				
Town of Front Royal				
From WCL Front Royal				
(55) Strasburg Rd	0.90	8300	G	2003
To US 340; 522				
Warren County				
From US 522				
(55) (522) Shenandoah Ave	0.45	26000	N	2003
To CL Front Royal				
Town of Front Royal				
From CL Front Royal				
(55) (522) Shenandoah Ave	0.34	26000	G	2003
To 14 ST				
From Shenandoah Ave				
(55) (522) 14th Street	0.24	22000	G	2003
To North Royal Ave				
From 14TH ST				
(55) (522) North Royal Ave	0.35	24000	G	2003
To US 522, SR 340				
From RT 522 & RT 340				
(55) (340) North Royal Ave	0.25	13000	G	2003
To 6th St				
(55) (340) North Royal Ave	0.57	16000	G	2003
To E Main St				
(55) (340) South Royal Ave	0.40	15000	G	2003
To US 340				
(55) South St	0.54	13000	G	2003
To US 522				
(55) John Marshall Hwy	1.72	12000	G	2003
To ECL Front Royal				
Warren County				
From ECL Front Royal				
(55)	2.98	11000	G	2003
To SR 79				
(55)	1.35	3700	G	2003
To Fauquier County Line				
From I-81 N				
(East 66)	6.61	13000	G	2003
Combined Traffic:		25000	G	
To US 340; US 522				
(East 66)	6.49	13000	A	2003
Combined Traffic:		26000	A	
To SR 79				

Route	Length	AADT	QA	Year
Warren County				
From SR 79				
(East 66)	1.56	17000	G	2003
Combined Traffic:		33000	G	
To Fauquier County Line				
From I-81				
(West 66)	6.62	12000	G	2003
Combined Traffic:		25000	G	
To US 340; US 522				
(West 66)	6.55	13000	A	2003
Combined Traffic:		26000	A	
To SR 79				
(West 66)	1.20	16000	G	2003
Combined Traffic:		33000	G	
To Fauquier County Line				
From SR 55 West of Linden				
(79)	0.23	11000	G	2003
To I-66				
From Shenandoah County Line				
(North 81)	1.29	24000	G	2003
Combined Traffic:		45000	G	
To I-66, Frederick County Line				
From Shenandoah County Line				
(South 81)	1.15	21000	G	2003
Combined Traffic:		45000	G	
To Frederick County Line				
From Page County Line				
(340)	2.46	4300	G	2003
To N 93-613				
(340)	5.30	5000	G	2003
From 93-607				
(340)	2.78	6500	G	2003
To 93-619				
(340)	0.83	14000	G	2003
To SCL Front Royal				
Town of Front Royal				
From SCL Front Royal				
(340) South Royal Ave	0.31	14000	G	2003
To SR 55 South St				
(340) South Royal Ave	0.40	15000	G	2003
To E Main St				
(340) North Royal Ave	0.57	16000	G	2003
To 6th St				
(340) North Royal Ave	0.25	13000	G	2003
To US 522, 8th St				
(340) (522) North Royal Ave	0.35	24000	G	2003
To 14th St				
(340) (522) 14th Street	0.24	22000	G	2003
To Shenandoah Ave				
(340) (522) Shenandoah Ave	0.34	26000	G	2003
To CL Front Royal				
Warren County				
From CL Front Royal				
(340) (522) Shenandoah Ave	0.45	26000	N	2003
To SR 55 West				

Virginia Department of Transportation
 Mobility Management Division
 2003
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Warren Maintenance Area

Route	Length	AADT	QA	Year
Warren County				
From SR 55 West				
(340) (522) Shenandoah Ave	0.22	24000	G	2003
To Old NCL Front Royal				
(340) (522)	0.83	23000	G	2003
To I-66				
From Functional Class Change				
(340) (522)	1.22	21000	G	2003
To 93-627 Reliance Rd				
(340) (522)	2.81	19000	G	2003
To 93-802				
(340) (522)	0.30	17000	G	2003
To Frederick County Line				
Frederick County				
From Warren County Line				
(340) (522) Front Royal Pike	0.53	17000	G	2003
To Warren County Line				
Warren County				
From Frederick County Line				
(340) (522) Front Royal Pike	0.39	17000	G	2003
To Frederick County Line				
Frederick County				
From Warren County Line				
(340) (522) Front Royal Pike	0.30	17000	G	2003
To Warren County Line				
Warren County				
From Frederick County Line				
(340) (522) Front Royal Pike	0.16	17000	G	2003
To Clarke County Line				
Clarke County				
From Warren County Line				
(340) (522) Front Royal Pike	1.79	17000	G	2003
To US 522 Double Toll Gate				
Warren County				
From Rappahannock County Line				
(522)	3.77	8000	G	2003
To SCL Front Royal				
Town of Front Royal				
From SCL Front Royal				
(522) Chester Gap Rd	0.60	8600	G	2003
To Criser Rd				
(522) Chester Gap Rd	0.35	11000	G	2003
To SR 55 South St				
(522) Commerce Ave	0.47	23000	G	2003
To Main St				
(522) Commerce Ave	0.74	16000	G	2003
To Happy Creek Rd				
(522) Commerce Ave	0.35	14000	G	2003
To US 340 North Royal Ave				
From Commerce Ave				
(522) North Royal Ave	0.35	24000	G	2003
To 14th St				
From North Royal Ave				
(522) 14th Street	0.24	22000	G	2003
To Shenandoah Ave				
From 14th St				
(522) Shenandoah Ave	0.34	26000	G	2003
To NCL Front Royal				

Route	Length	AADT	QA	Year
Warren County				
From NCL Front Royal				
(522) Shenandoah Ave	0.45	26000	N	2003
To SR 55 West				
(522) Shenandoah Ave	0.22	24000	G	2003
To Old NCL Front Royal				
(522)	0.83	23000	G	2003
To I-66				
(522)	1.28	21000	G	2003
To 93-627 Reliance Rd				
(522)	2.81	19000	G	2003
To 93-802				
(522)	0.30	17000	G	2003
To Frederick County Line				
Frederick County				
From Warren County Line				
(522) Front Royal Pike	0.53	17000	G	2003
To Warren County Line				
Warren County				
From Frederick County Line				
(522) Front Royal Pike	0.39	17000	G	2003
To Frederick County Line				
Frederick County				
From Warren County Line				
(522) Front Royal Pike	0.30	17000	G	2003
To Warren County Line				
Warren County				
From Frederick County Line				
(522) Front Royal Pike	0.16	17000	G	2003
To Clarke County Line				
Clarke County				
From Warren County Line				
(522) Front Royal Pike	1.79	17000	G	2003
To US 340; SR 277 Double Toll Gate				
Warren County				
From Dead End				
(600)	1.00	40	R	06/20/2002
To 93-604				
Warren County				
From Dead End				
(601)	1.00	60	R	07/09/2002
To 93-604				
Warren County				
From 93-604				
(602)	0.25	520	R	1999
To 0.25 ME 93-604				
(602)	0.45	30	R	06/20/2002
To Dead End				
Warren County				
From 93-647				
(603)	2.90	470	R	06/17/2002
To 93-643				
(603)	2.30	1900	G	2003
To 93-638				
Warren County				
From Dead End				
(604)	0.90	80	R	07/09/2002
To 93-600				
(604)	0.82	200	R	1999
To 93-602				
(604)	0.34	730	G	2003
To 93-671				

Virginia Department of Transportation
 Mobility Management Division
 2003
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Warren Maintenance Area

Route	Length	AADT	QA	Year
Warren County				
From 93-671				
(604) To US 522	1.59	940	G	2003
From US 340				
(605) To 93-649	1.70	260	R	06/20/2002
From NCL Front Royal				
(606) To 1.72 MN OF NCL	1.72	2500	R	1999
From 1.72 MN OF NCL				
(606) To 0.51	0.51	630	R	06/17/2002
From 2.23 MN OF NCL				
(606) To Dead End	0.25	110	R	1999
From US 340				
(607) To 0.60 ME US 340	0.60	310	R	06/20/2002
From 0.60 ME US 340				
(607) To 93-649	1.00	100	R	06/20/2002
From 93-613				
(608) To 93-619	0.45	500	R	07/09/2002
From 93-637				
(609) To FR-225	0.40	210	R	1999
From FR-225				
(609) To 0.77 ME FR-225	0.77	330	R	06/10/2002
From 0.77 ME FR-225				
(609) To 93-736	0.27	330	R	1999
From 93-736				
(609) To 93-627	0.10	480	R	06/10/2002
From SR 55; 93-678				
(610) To 93-616	0.20	490	R	06/24/2002
From 93-616				
(610) To 2.15 ME 93-616	2.15	80	R	06/24/2002
From 2.15 ME 93-616				
(610) To 93-626	0.05	110	R	1999
From 93-635 WEST				
(611) To 93-616	2.60	80	R	06/10/2002
From 93-635 EAST				
(611) To 93-612; 93-840	0.10	200	R	06/10/2002
From 93-612; 93-840				
(611) To 93-637	3.38	270	R	06/17/2002
From 93-611; 93-840				
(612) To 1.20 ME 93-611	1.20	240	R	1999
From 1.20 ME 93-611				
(612) To 93-842	1.00	60	R	06/10/2002
From 93-842				
(612) To 93-626	0.90	40	R	06/10/2002
From 93-631; 93-649				
(613) To 93-738	3.06	320	G	2003

Route	Length	AADT	QA	Year
Warren County				
From 93-738				
(613) To 63-672	2.26	630	G	2003
From 63-672				
(613) To 93-672	0.31	1300	G	2003
From 93-672				
(613) To US 340 EAST				
From US 340 WEST				
(613) To 1.00	1.00	440	R	06/24/2002
From GW Natl For Bndy				
(613) To 4.69	4.69	230	R	06/24/2002
From 4.69				
(613) To 4.70 MS of Bndy	1.04	400	R	07/09/2002
From 4.70 MS of Bndy				
(613) To 93-608				
From 93-608				
(613) To 93-619	0.49	130	R	07/09/2002
From 93-619				
(614) To 93-626 SOUTH	1.30	30	R	06/24/2002
From 93-626 SOUTH				
(614) To SR 55 WEST				
From SR 55 EAST				
(614) To 0.70	0.70	110	R	1999
From 93-626 NORTH				
(614) To 93-619 SOUTH				
From 93-619 SOUTH				
(615) To 1.90	1.90	780	G	2003
From 93-626 EAST				
(615) To 0.10	0.10	40	R	08/08/2002
From 93-626 WEST				
(615) To 0.27	0.27	470	R	1988
From 0.27 MN 93-626				
(615) To 0.43	0.43	45	R	06/24/2002
From 0.43				
(615) To 93-660				
From 93-660				
(615) To 1.50	1.50	390	R	1999
From 93-619 NORTH				
(615) To 93-678				
From 93-678				
(616) To 0.70	0.70	120	R	06/24/2002
From SR 55				
(616) To 0.90	0.90	90	R	06/24/2002
From 0.90				
(616) To 93-610				
From 93-610				
(617) To 93-618				
From 93-618				
(617) To 1.70	1.70	230	R	06/24/2002
From 93-626				
(617) To Dead End				
From Dead End				
(618) To 0.89	0.89	450	R	1999
From 93-619 WEST				
(618) To 93-619 EAST	0.50	500	R	06/24/2002
From 93-619 EAST				
(618) To 93-617				
From 93-617				
(618) To 0.80	0.80	170	R	1999
From 93-615				
(618) To US 340				
From US 340				
(619) To 2.09	2.09	4200	G	2003
From 93-677				
(619) To 0.11	0.11	4100	G	2003
From 93-615 SOUTH				
(619) To 2.19	2.19	3100	G	2003
From 93-673				
(619) To 1.93	1.93	620	G	2003
From 93-626				

Virginia Department of Transportation
 Mobility Management Division
 2003
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Warren Maintenance Area

Route	Length	AADT	QA	Year
Warren County				
From 93-626				
(619) To 93-678	2.43	630	G	2003
From Dead End				
(620) To 93-658	0.60	220	R	06/13/2002
From 93-660				
(621) To SR 55	0.60	1100	R	1999
From 93-634				
(622) To 1.00 MN 93-634	1.00	120	R	06/20/2002
From Dead End; Gap Terminus				
(622) To Dead End; Gap Terminus	0.10	120	R	06/20/2002
From Dead End; Gap Terminus				
(622) To 0.39 ME OF Dead End	0.39	100	R	06/20/2002
From 0.39 ME OF Dead End				
(622) To 0.50 ME OF Dead End	0.50	100	R	06/20/2002
From 0.50 ME OF Dead End				
(622) To 0.89 ME OF Dead End	0.50	150	R	07/09/2002
From 93-649				
(622) To 93-631	0.70	110	R	1999
From 2.79 MN 93-631				
(622) To 2.80 MN 93-631	2.79	140	R	07/09/2002
From 93-654				
(622) To 93-674	0.36	150	R	1999
From 93-654				
(622) To 93-674	0.06	240	R	07/09/2002
From Dead End				
(623) To 1.72 MN Dead End	1.72	100	R	07/09/2002
From 1.72 MN Dead End				
(623) To 93-673	0.38	430	R	06/24/2002
From NCL Front Royal				
(624) To 93-647	0.50	3600	G	2003
From 93-647				
(624) To 93-645	0.40	3200	G	2003
From 93-645				
(624) To 93-643	1.28	3000	G	2003
From 93-643				
(624) To 93-661	1.80	1200	G	2003
From 93-661				
(624) To Clarke County Line	3.60	330	R	1999
From 93-637				
(625) To Dead End	0.25	70	R	06/10/2002
From 93-619				
(626) To 93-615 WEST	1.60	160	R	08/08/2002
From 93-615 EAST				
(626) To SR 55 WEST	1.80	1300	G	2003

Route	Length	AADT	QA	Year
Warren County				
From SR 55 EAST				
(626) To 93-614	1.00	300	R	07/09/2002
From 93-614				
(626) To 93-610	0.10	150	R	1999
From 93-610				
(626) To Dead End	0.50	20	R	06/24/2002
From Dead End; Gap Terminus				
(626) To 93-612	0.20	70	R	06/10/2002
From 93-612				
(626) To 93-637	0.70	160	R	06/10/2002
From Frederick County Line				
(627) To 93-637	0.79	1400	G	2003
From 93-637				
(627) To 93-609	3.48	1200	G	2003
From 93-609				
(627) To US 522	0.33	1700	G	2003
From US 340				
(628) To 93-629 SOUTH	0.80	50	R	07/09/2002
From 93-629 SOUTH				
(628) To 93-629 NORTH	0.30	100	R	07/09/2002
From 93-629 NORTH				
(628) To 93-613	1.10	70	R	07/09/2002
From Dead End				
(629) To 93-628 NORTH	0.65	80	R	06/24/2002
From 93-628 SOUTH				
(629) To US 340	1.00	170	R	1999
From Dead End				
(630) To 1.85 MN Dead End	1.85	470	R	06/24/2002
From 1.85 MN Dead End				
(630) To 93-613	0.40	470	R	06/24/2002
From 93-622				
(631) To 93-613 WEST	1.20	80	R	08/12/2002
From 93-613 MID				
(631) To 93-632	5.70	120	R	06/20/2002
From 93-632				
(631) To 93-634	0.40	340	R	06/20/2002
From 93-634				
(631) To 93-613 E; 93-649	0.10	740	R	1999
From Dead End				
(632) To 93-633	0.40	40	R	06/20/2002
From 93-633				
(632) To 93-631	0.70	110	R	06/20/2002
From Dead End				
(633) To 93-632	0.40	30	R	06/20/2002

Virginia Department of Transportation
 Mobility Management Division
 2003
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 Warren Maintenance Area

Route	Length	AADT	QA	Year
Warren County				
From 93-631				
(634)	1.00	230	R	1999
To 93-622				
(634)	1.20	110	R	06/20/2002
To Dead End				
From Shenandoah County Line				
(635)	0.20	100	R	06/10/2002
To 93-611 WEST				
(635)	1.90	40	R	06/10/2002
To 93-611 EAST				
From Dead End				
(636)	1.00	40	R	06/17/2002
To 93-638				
From Dead End				
(637)	0.15	1300	R	06/10/2002
To US 522				
(637)	1.74	920	G	2003
To 93-625				
(637)	2.51	430	G	2003
To 93-626				
(637)	1.01	450	G	2003
To 93-627				
(637)	1.21	150	R	1999
To 93-854				
(637)	0.50	80	R	07/09/2002
To Frederick County Line				
From Fauquier County Line; 30-638				
(638)	1.20	370	R	1999
To 93-636				
(638)	0.60	600	R	07/09/2002
To SR 55				
(638)	0.20	2400	R	1999
To FR-283				
(638)	3.28	1500	R	1999
To 3.28 MN FR-283				
(638)	5.49	760	R	06/17/2002
To 93-688				
(638)	1.70	1100	R	1999
To 93-603				
(638)	2.90	1500	G	2003
To Clarke County Line; 21-638				
From Frederick County Line				
(639)	0.36	1100	R	1999
To 93-802 SOUTH				
From 93-802 NORTH				
(639)	0.03	280	R	07/09/2002
To US 522				
(639)	3.03	200	R	1999
To 93-658 NORTH				
(639)	0.05	410	R	06/13/2002
To 93-658 SOUTH				
(639)	1.00	140	R	06/13/2002
To 93-624				

Route	Length	AADT	QA	Year
Warren County				
From 93-735				
(640)	0.20	100	R	06/10/2002
To Frederick County Line				
From 93-639				
(641)	0.10	900	R	1999
To Frederick County Line				
From Dead End				
(642)	1.00	30	R	07/09/2002
To 1.00 MW Dead End				
(642)	0.20	90	R	1999
To 93-624				
From 93-624				
(643)	1.22	2000	G	2003
To 93-603				
From Clarke County Line				
(644)	0.40	50	R	06/13/2002
To 93-624				
From 93-624				
(645)	0.29	30	R	1999
To Dead End				
From Dead End				
(646)	0.80	270	R	07/09/2002
To 93-660				
From SR 55				
(647)	1.51	2000	R	1999
To 93-603				
(647)	1.57	1600	R	06/17/2002
To 93-624				
From Dead End				
(648)	0.22	60	R	06/20/2002
To 93-674				
From 93-613; 93-631				
(649)	1.73	940	G	2003
To 93-622				
(649)	2.52	1400	G	2003
To 93-605				
(649)	2.20	1800	G	2003
To 93-650				
(649)	0.60	2100	G	2003
To 93-1010				
(649)	0.19	2300	G	2003
To 93-745				
(649)	0.19	2600	G	2003
To US 340				
From 93-649				
(650)	0.06	40	R	06/20/2002
To 93-740				
(650)	0.50	30	R	06/20/2002
To US 340				
From 63-656				
(652)	0.18	50	R	06/17/2002
To 93-656				
From 93-622				
(654)	0.17	40	R	1999
To 93-737				

Virginia Department of Transportation
 Mobility Management Division
 2003
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Warren Maintenance Area

Route	Length	AADT	QA	Year
Warren County				
From: Dead End				
(655) To: US 522; FR 730	1.00	3300	R	08/08/2002
From: SCL Front Royal				
(656) To: ECL Front Royal	1.00	80	R	1999
From: Dead End				
(657) To: 93-638	0.07	40	R	06/17/2002
From: US 522				
(658) To: 93-661	3.00	880	G	2003
From: 93-639 WEST				
(658) To: 93-639 EAST	1.60	340	G	2003
From: 93-639 EAST				
(658) To: Clarke County Line	1.05	340	G	2003
From: 93-603				
(659) To: Dead End	0.50	90	R	06/17/2002
From: 93-615				
(660) To: 93-626 SOUTH	0.30	650	R	06/24/2002
From: 93-614; 93-626 NORTH				
(660) To: 93-621	1.50	600	R	1999
From: 93-621				
(660) To: Dead End	0.68	70	R	06/24/2002
From: 93-624				
(661) To: 93-658	1.23	1400	G	2003
From: 93-658				
(661) To: US 522	2.10	1700	G	2003
From: Frederick County Line				
(662) To: Dead End	0.33	170	R	06/10/2002
From: Begin Loop				
(663) To: End Loop	0.32	120	R	08/08/2002
From: End Loop				
(663) To: 93-745	0.08	370	R	1999
From: Dead End				
(664) To: SR 55	0.21	110	R	06/24/2002
From: Rappahannock County Line				
(665) To: US 522	0.07	950	R	1999
From: 93-626				
(667) To: Dead End	0.30	70	R	06/24/2002
From: Dead End				
(668) To: SR 55	0.20	90	R	06/24/2002
From: US 340				
(669) To: Dead End	0.30	90	R	06/24/2002

Route	Length	AADT	QA	Year
Warren County				
From: Dead End				
(670) To: 93-737	0.60	100	R	06/20/2002
From: Dead End				
(671) To: 93-604	0.92	240	R	06/20/2002
From: Dead End				
(672) To: 93-613	0.10	80	R	06/24/2002
From: Dead End				
(673) To: 93-623	1.13	360	R	06/24/2002
From: 93-619				
(673) To: 93-619	0.70	1100	R	1999
From: US 340				
(674) To: 93-622	0.48	100	R	06/20/2002
From: 93-622				
(674) To: 93-737	0.17	280	R	1999
From: US 522				
(675) To: Cul-de-Sac	0.58	80	R	06/13/2002
From: 93-677				
(676) To: Dead End	0.30	100	R	1999
From: 93-619				
(677) To: 93-679	2.17	150	R	06/24/2002
From: Shenandoah County Line				
(678) To: SR 55; 93-610	1.77	1600	G	2003
From: 93-619 WEST				
(679) To: 93-619 EAST	1.32	170	R	1999
From: 93-619 EAST				
(679) To: 93-677	0.70	590	R	07/09/2002
From: 93-619 WEST				
(680) To: 93-619 EAST	0.31	30	R	06/24/2002
From: WCL Front Royal				
(681) To: Dead End	0.24	260	R	06/20/2002
From: Dead End				
(682) To: 93-1111	0.10	40	R	1999
From: 93-1111				
(682) To: 93-1110	0.06	100	R	06/24/2002
From: 93-1110				
(682) To: SR 55	0.27	300	R	1999
From: 93-661				
(683) To: 93-658	1.48	210	R	06/17/2002
From: Dead End				
(684) To: 93-686	0.09	30	R	1999
From: 93-686				
(684) To: 93-613	0.06	50	R	06/24/2002

Virginia Department of Transportation
 Mobility Management Division
 2003
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Warren Maintenance Area

Route	Length	AADT	QA	Year
Warren County				
From: 93-638				
(685) To: Dead End	0.24	20	R	1999
From: Dead End				
(686) To: 93-684	0.05	20	R	06/24/2002
From: Cul-de-Sac				
(687) To: 93-638	0.27	30	R	1999
From: 93-638				
(688) To: Dead End	0.20	420	R	1999
From: 93-624				
(689) To: Dead End	0.28	130	R	06/17/2002
From: SR-00055(B)/				
(690) To: Dead End/	0.24	NA		
From: Dead End				
(700) To: 93-677	0.36	110	R	06/24/2002
From: Dead End				
(701) To: 93-619	0.40	180	R	06/24/2002
From: Cul-de-Sac				
(702) To: 93-661	0.61	580	R	06/13/2002
From: Dead End				
(703) To: 93-661	0.08	30	R	06/13/2002
From: SR 55				
(704) To: Dead End	0.20	100	R	1999
From: 93-678				
(710) To: Dead End	0.39	450	R	1999
From: Dead End/				
(725) To: US-00340(B)/	2.11	NA		
From: Dead End				
(730) To: 93-613	0.25	430	R	1999
From: Dead End				
(735) To: 93-640	1.00	50	R	06/10/2002
From: 93-640				
(735) To: Frederick County Line	0.40	60	R	07/09/2002
From: 93-609				
(736) To: 93-627	0.20	10	R	06/10/2002
From: 93-654				
(737) To: 93-674	0.05	60	R	1999
From: 93-674				
(737) To: US 340	0.02	380	R	06/20/2002
From: US 340				
(737) To: Dead End	0.40	150	R	1999

Route	Length	AADT	QA	Year
Warren County				
From: 93-613				
(738) To: Dead End	0.30	30	R	08/08/2002
From: 93-660				
(739) To: Dead End	0.22	90	R	06/24/2002
From: 93-650				
(740) To: 93-649	0.19	20	R	06/20/2002
From: 93-649				
(745) To: Dead End	0.18	410	R	1999
From: US 522				
(802) To: 93-639 SOUTH	0.16	940	R	06/13/2002
From: 93-639 SOUTH				
(802) To: 93-639 NORTH	0.08	250	R	1999
From: 93-639 NORTH				
(802) To: Dead End	0.20	70	R	06/10/2002
From: 93-624				
(810) To: 93-811	0.23	80	R	1999
From: 93-811				
(810) To: 93-639	0.34	60	R	1999
From: Cul-de-Sac				
(811) To: 93-810	0.11	30	R	1999
From: Frederick County Line				
(840) To: 93-611; 93-612	1.00	560	R	06/17/2002
From: Dead End				
(842) To: 93-612	0.20	40	R	1994
From: 93-612				
(842) To: 1.25 MN 93-612	1.25	40	R	06/10/2002
From: 1.25 MN 93-612				
(842) To: 93-611 WEST	0.05	40	R	06/10/2002
From: 93-611 EAST				
(842) To: Frederick County Line	1.22	170	R	06/10/2002
From: 93-637				
(854) To: Frederick County Line	0.25	120	R	06/10/2002
Frederick County				
From: Frederick County Line				
(854) To: Dead End	0.21	30	R	1999
Warren County				
From: Cul-de-Sac				
(1010) To: 93-649	0.20	80	R	1999
From: 93-661				
(1013) To: 93-1014	1.02	290	R	1999
From: 93-1013				
(1014) To: Cul-de-Sac	0.20	50	R	1999

Virginia Department of Transportation
 Mobility Management Division
 2003
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Warren Maintenance Area

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Warren County				
From: 93-658				
(1015) To: Cul-de-Sac	0.17	40	R	1999
From: Dead End				
(1110) To: 93-682	0.09	40	R	06/24/2002
From: Dead End				
(1111) To: 93-682	0.08	30	R	1999
From: 93-1125				
(1120) To: WCL Front Royal	0.29	1100	R	1999
From: 93-1120				
(1121) To: Cul-de-Sac	0.11	120	R	1999
From: Cul-de-Sac				
(1122) To: 93-1120	0.15	120	R	1999
From: 93-1120				
(1123) To: Cul-de-Sac	0.07	170	R	1999
From: 93-1123				
(1124) To: Cul-de-Sac	0.06	80	R	1999
From: Cul-de-Sac				
(1125) To: Cul-de-Sac	0.22	110	R	1999
From: Cul-de-Sac				
(1126) To: 93-1125	0.11	100	R	1999

Town of Front Royal				
From: Luray Ave				
(2/172) Criser Rd	0.51	2100	G	2003
To: South Royal Ave				
From: Luray Ave				
(2/172) Criser Rd	0.71	3800	G	2003
To: Chester Gap Rd				
From: WCL Front Royal				
(4001/112) Luray Ave	0.45	890	G	2003
To: Stonewall Dr				
From: Luray Ave				
(4001/112) Luray Ave	0.21	1400	G	2003
To: W Main St				
From: Luray Ave				
(4002/112) Stonewall Dr	0.25	490	G	2003
To: US 340 South Royal Ave				
From: US 522 Commerce Ave				
(4002/112) Stonewall Dr	0.42	2800	G	2003
To: Charles St				
From: Kerfoot Ave				
(4004/112) West Main St	0.64	1500	G	2003
To: Luray Ave				
From: West Main St				
(4004/112) West Main St	0.07	2500	G	2003
To: North Royal Ave				
From: East Main St				
(4004/112) East Main St	0.25	3500	G	2003
To: Blue Ridge Ave				
From: East Main St				
(4004/112) East Main St	0.13	3000	G	2003
To: Commerce Ave				

Route	Length	AADT	QA	Year
Town of Front Royal				
From: Commerce Ave				
(4005/112) Happy Creek Rd	0.85	2400	G	2003
To: 6Th St				
From: Shenandoah Ave				
(4006/112) Kendrick Lane	0.19	7900	G	2003
To: 6Th St				
From: Kendrick Ln				
(4006/112) 6th Street	0.11	7300	G	2003
To: US 340 North Royal Ave				
From: 6th Street				
(4006/112) 6th Street	0.14	5500	G	2003
To: Commerce Ave				
From: 6th Street				
(4006/112) 6th Street	0.62	6300	G	2003
To: Happy Creek Rd				
From: 6Th St				
(4006/112) Happy Creek Rd	2.19	4900	G	2003
To: ECL Front Royal				
From: Kendrick Lane				
(4010/112) Shenandoah Ave	0.50	6100	G	2003
To: 14Th St				
From: Virginia Ave				
11th Street		860	G	2003
To: North Royal Ave				
From: Jefferson Avenue				
13th Street		540	G	2003
To: Monroe Avenue				
From: Accomac Road				
Jamestown Road		1300	G	2003
To: Charles Street				
From: Massanutten Avenue				
Kendrick Lane		3300	G	2003
To: Shenandoah Avenue				
From: Happy Creek Road				
Washington Avenue		330	G	2003
To: 6th Street				