

2013
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates
where available

Jurisdiction Report

93

Warren County
Town of Front Royal

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
Bypass - Bypass Route
Truck - Truck Route
- ALT
 ALT - Alternate Route
Wye - Wye Route connector
-  P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.
-  The VDOT Maintenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

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

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
11 Old Valley Pike	From: Shenandoah County Line															
	Warren County	0.19	4200	G	91%	0%	1%	4%	3%	0%	C	0.098	F	0.665	4400	G
	To: Frederick County Line															
48 Skyline Dr	From: Rappahannock County Line															
	Warren County (Maint: US)	1.69	650	O								NA			NA	
	To: Rappahannock County Line															
48 Skyline Dr	From: Rappahannock County Line															
	Warren County (Maint: US)	10.47	650	O								NA			NA	
	To: US 340; Front Royal															
55 Strasburg Rd	From: Shenandoah County Line															
	Warren County	4.91	3600	N	98%	0%	1%	0%	1%	0%	N	0.096	N	0.551	3800	N
	To: 93-626 Andrews Rd															
55 Strasburg Rd	From: 93-626 Andrews Rd															
	Warren County	2.30	6100	G	97%	1%	1%	1%	1%	0%	C	0.096	F	0.668	6300	G
	To: WCL Front Royal															
55 Strasburg Rd	From: WCL Front Royal															
	Town of Front Royal	0.90	8200	G	98%	1%	1%	0%	0%	0%	C	0.1	F	0.662	8700	G
	To: US 340, US 522 Shenandoah Ave															
55 522 340 Shenandoah Ave	From: US 522															
	Warren County	0.45	31000	G	96%	1%	1%	1%	1%	0%	C	0.09	N	0.518	31000	G
	To: CL Front Royal															
55 522 340 Shenandoah Ave	From: CL Front Royal															
	Town of Front Royal	0.34	30000	G	97%	1%	1%	1%	1%	0%	F	0.09	F	0.518	31000	G
	To: 14 ST															
55 522 340 14th St	From: Shenandoah Ave															
	Town of Front Royal	0.24	23000	G	97%	1%	1%	1%	1%	0%	F	0.089	F	0.545	24000	G
	To: North Royal Ave															
55 522 340 North Royal Ave	From: 14TH ST															
	Town of Front Royal	0.35	23000	G	97%	1%	1%	1%	1%	0%	C	0.088	F	0.540	24000	G
	To: US 522 & US 340															
55 340 North Royal Ave	From: US 522 & US 340															
	Town of Front Royal	0.25	12000	G	99%	1%	1%	0%	0%	0%	F	0.091	F	0.533	13000	G
	To: 6th St															
55 340 North Royal Ave	From: 6th St															
	Town of Front Royal	0.57	16000	G	99%	1%	1%	0%	0%	0%	C	0.088	F	0.504	17000	G
	To: E Main St															
55 340 South Royal Ave	From: E Main St															
	Town of Front Royal	0.40	13000	G	98%	1%	1%	0%	0%	0%	C	0.087	F	0.56	14000	G
	To: US 340															
55 South St	From: US 340, S Royal Ave															
	Town of Front Royal	0.54	14000	G	98%	0%	1%	1%	0%	0%	C	0.087	F	0.559	15000	G
	To: US 522, S Commerce Ave															
55 John Marshall Hwy	From: US 522, S Commerce Ave															
	Town of Front Royal	1.72	12000	G	98%	0%	1%	0%	1%	0%	C	0.094	F	0.61	13000	G
	To: ECL Front Royal															
55 John Marshall Hwy	From: ECL Front Royal															
	Warren County	2.98	13000	G	98%	1%	1%	0%	1%	0%	C	0.093	F	0.716	14000	G
	To: SR 79 Apple Mountain Rd															
55 John Marshall Hwy	From: SR 79 Apple Mountain Rd															
	Warren County	1.35	4400	G	98%	1%	1%	0%	0%	0%	C	0.093	F	0.5	4500	G
	To: Fauquier County Line															

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

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
East 66 I-66 E Ramp	From: I-81 N															
	Warren County	0.25	8900	G	84%	1%	1%	1%	14%	1%	F	0.065	F	8200	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			17000	G	85%	1%	1%	1%	13%	1%	F	0.073	F	16000	G	
			To: Ramp from I-81 S													
East 66	From: I-81															
	Warren County	6.36	16000	A	84%	1%	1%	1%	14%	1%	F	0.117	A	15000	A	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			31000	A	85%	1%	1%	1%	13%	1%	F	0.105	A	30000	A	
			To: US 340, US 522 Winchester Rd													
East 66	From: US 340, US 522 Winchester Rd															
	Warren County	6.49	15000	B	84%	1%	1%	1%	14%	1%	C	0.124	A	14000	B	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			30000	B	85%	1%	1%	1%	13%	1%	C	0.104	A	28000	B	
			To: SR 79													
East 66	From: SR 79															
	Warren County	1.56	18000	A	87%	1%	1%	0%	11%	0%	C	0.119	A	17000	A	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			36000	A	87%	1%	1%	0%	11%	0%	C	NA		35000	A	
			To: Fauquier County Line													
East 66 Ramp	From: I-66-E TO RT 522: 34000- SOUTH & NORTH															
	Warren County	0.16	5600	G								0.088	F	5600	G	
			To: US 522 US 522- 120A TO & FROM RT 66													
East 66	From: IS-00066-E006A(R)/SPLIT OF RAMP FROM IS 66E															
	Warren County	0.03	NA									NA		NA		
			To: US-00522(B)/RAMP FROM IS 66E													
East 66 Ramp	From: I-66-E TO RT 79 SOUTH & NORTH															
	Warren County	0.19	1500	G								0.094	F	1500	G	
			To: SR 79 FROM RT 66 EAST													
West 66 I-66 W Ramp	From: I-81 S															
	Frederick County (Maint: 93)	0.42	8100	G	85%	1%	1%	1%	12%	1%	F	0.094	F	7400	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			17000	G	85%	1%	1%	1%	13%	1%	F	0.073	F	16000	G	
			To: Warren County Line													
West 66 I-66 W Ramp	From: Frederick County Line															
	Warren County	0.04	8100	G	85%	1%	1%	1%	12%	1%	F	0.094	F	7400	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			17000	G	85%	1%	1%	1%	13%	1%	F	NA		16000	G	
			To: Ramp to I-81 N													
West 66	From: I-81															
	Warren County	6.62	15000	A	85%	1%	1%	1%	12%	1%	F	0.121	A	15000	A	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			31000	A	85%	1%	1%	1%	13%	1%	F	0.105	A	30000	A	
			To: US 340, US 522 Winchester Rd													
West 66	From: US 340, US 522 Winchester Rd															
	Warren County	6.55	15000	A	85%	1%	1%	1%	12%	1%	C	0.126	A	14000	A	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			30000	B	85%	1%	1%	1%	13%	1%	C	0.104	A	28000	B	
			To: SR 79													

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Annual Average Daily Traffic Volume Estimates By Section of Route
Warren Maintenance Area

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
West 66	From: SR 79															
	Warren County	1.20	18000	A	88%	1%	1%	0%	10%	0%	C	0.133	A	17000	A	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:			36000	A	87%	1%	1%	0%	11%	0%	C	NA		35000	A
	To: Fauquier County Line															
West 66 Ramp	From: I-66-W TO RT 522; 34000- SOUTH & NORTH															
	Warren County	0.22	4600	G								0.113	F	4600	G	
	To: I-66-W TO RT 522; 34000- SOUTH & NORTH															
West 66 Ramp	From: I-66-W TO RT 7900- SOUTH & NORTH															
	Warren County	0.18	5000	G								0.143	F	5000	G	
	To: FR-870 SR 79 SR 79- B TO															
79 Apple Mountain Rd	From: SR 55 West of Linden															
	Warren County	0.23	12000	G	97%	0%	1%	1%	1%	0%	C	0.085	F	0.726	12000	G
	To: I-66															
79 Ramp	From: SR 79 TO RT 66 EAST															
	Warren County	0.23	5000	G								0.160	F	5000	G	
	To: I-66-E FROM RT 7900- SOUTH & NORTH															
79 Ramp	From: FR-870 SR 79 I-66-W013A TO															
	Warren County	0.20	1400	G								0.094	F	1400	G	
	To: I-66-W FRO RT 7900- SOUTH & NORTH															
North 81	From: Shenandoah County Line															
	Warren County (Maint: 34)	1.29	27000	A	75%	1%	1%	1%	21%	2%	F	0.111	A	26000	A	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:			53000	A	76%	1%	1%	1%	20%	2%	F	0.099	A	0.547	51000
	To: I-66, Frederick County Line															
South 81	From: Shenandoah County Line															
	Warren County (Maint: 34)	1.15	26000	A	77%	1%	1%	1%	19%	2%	F	0.110	A	25000	A	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:			53000	A	76%	1%	1%	1%	20%	2%	F	NA		51000	A
	To: Frederick County Line															
340 Stonewall Jackson Hwy	From: Page County Line															
	Warren County	2.46	4000	G	96%	1%	1%	1%	1%	0%	C	0.092	F	0.676	4200	G
	To: 93-613 N, Bentonville Browntown Rd															
340 Stonewall Jackson Hwy	From: 93-607 Rocky Lane															
	Warren County	2.78	7600	G	94%	1%	1%	2%	2%	0%	C	0.087	F	0.673	7900	G
	To: 93-619 Rivermont Dr															
340 Stonewall Jackson Hwy	From: 93-619 Rivermont Dr															
	Warren County	0.83	13000	G	96%	1%	1%	1%	1%	0%	F	0.087	F	0.651	14000	G
	To: SCL Front Royal															
340 South Royal Ave	From: SCL Front Royal															
	Town of Front Royal	0.31	15000	G	96%	1%	1%	1%	1%	0%	F	0.091	F	0.666	16000	G
	To: SR 55 South St															
340 55 South Royal Ave	From: SR 55 South St															
	Town of Front Royal	0.40	13000	G	98%	1%	1%	0%	0%	0%	C	0.087	F	0.56	14000	G
	To: E Main St															

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 Warren Maintenance Area

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: E Main St															
340 55 North Royal Ave	Town of Front Royal	0.57	16000	G	99%	1%	1%	0%	0%	0%	C	0.088	F	0.504	17000	G
	To: 6th St															
340 55 North Royal Ave	Town of Front Royal	0.25	12000	G	99%	1%	1%	0%	0%	0%	F	0.091	F	0.533	13000	G
	From: US 522, 8th St															
340 522 55 North Royal Ave	Town of Front Royal	0.35	23000	G	97%	1%	1%	1%	1%	0%	C	0.088	F	0.540	24000	G
	To: 14th St															
340 522 55 14th St	Town of Front Royal	0.24	23000	G	97%	1%	1%	1%	1%	0%	F	0.089	F	0.545	24000	G
	From: Shenandoah Ave															
340 522 55 Shenandoah Ave	Town of Front Royal	0.34	30000	G	97%	1%	1%	1%	1%	0%	F	0.09	F	0.518	31000	G
	To: 14th St															
340 522 55 Shenandoah Ave	Warren County	0.45	31000	G	96%	1%	1%	1%	1%	0%	C	0.09	N	0.518	31000	G
	From: CL Front Royal															
340 522 Shenandoah Ave	Warren County	0.22	29000	G	97%	0%	1%	1%	1%	0%	F	0.086	F	0.546	30000	G
	From: SR 55 West															
340 522 Winchester Rd	Warren County	0.83	30000	G	97%	0%	1%	1%	1%	0%	C	0.087	F	0.549	31000	G
	From: Old NCL Front Royal															
340 522 Winchester Rd	Warren County	1.28	22000	G	86%	1%	1%	2%	10%	0%	C	0.08	F	0.515	23000	G
	From: I-66															
340 522 Winchester Rd	Warren County	2.81	16000	G	85%	1%	1%	2%	11%	0%	C	0.080	F	0.509	17000	G
	From: 93-627 Reliance Rd															
340 522 Winchester Rd	Warren County	0.30	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
	From: 93-802															
340 522 Winchester Rd	Frederick County (Maint: 93)	0.53	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
	From: Frederick County Line															
340 522 Winchester Rd	Warren County	0.39	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
	From: Warren County Line															
340 522 Winchester Rd	Frederick County (Maint: 93)	0.30	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
	From: Frederick County Line															
340 522 Winchester Rd	Warren County	0.16	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
	From: Clarke County Line															
340 522 Stonewall Jackson Hwy	Clarke County (Maint: 93)	1.79	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
	From: Warren County Line															
522	Warren County	3.77	7900	G	97%	0%	1%	1%	1%	0%	C	0.085	F	0.543	8200	G
	From: Rappahannock County Line															
	To: SCL Front Royal															

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Warren Maintenance Area

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
From: SCL Front Royal																
522 Chester Gap Rd	Town of Front Royal	0.60	7600	G	97%	1%	1%	1%	1%	0%	C	0.093	F	0.515	7900	G
To: Criser Rd																
522 Remount Rd	Town of Front Royal	0.35	11000	G	97%	1%	1%	1%	1%	0%	F	0.089	F	0.587	11000	G
From: SR 55 South St																
522 Commerce Ave	Town of Front Royal	0.47	22000	G	97%	1%	1%	0%	1%	0%	C	0.093	F	0.525	23000	G
To: Main St																
522 Commerce Ave	Town of Front Royal	0.74	20000	G	97%	0%	1%	1%	1%	0%	C	0.09	F	0.508	21000	G
To: Happy Creek Rd																
522 Commerce Ave	Town of Front Royal	0.35	14000	G	95%	1%	2%	1%	1%	0%	C	0.089	F	0.536	15000	G
From: US 340 North Royal Ave																
522 340 55 North Royal Ave	Town of Front Royal	0.35	23000	G	97%	1%	1%	1%	1%	0%	C	0.088	F	0.540	24000	G
To: 14th St																
522 340 55 14th St	Town of Front Royal	0.24	23000	G	97%	1%	1%	1%	1%	0%	F	0.089	F	0.545	24000	G
From: Shenandoah Ave																
522 340 55 Shenandoah Ave	Town of Front Royal	0.34	30000	G	97%	1%	1%	1%	1%	0%	F	0.09	F	0.518	31000	G
To: NCL Front Royal																
522 340 55 Shenandoah Ave	Warren County	0.45	31000	G	96%	1%	1%	1%	1%	0%	C	0.09	N	0.518	31000	G
From: SR 55 W, Strasburg Rd																
522 340 Shenandoah Ave	Warren County	0.22	29000	G	97%	0%	1%	1%	1%	0%	F	0.086	F	0.546	30000	G
To: Old NCL Front Royal																
522 340 Winchester Rd	Warren County	0.83	30000	G	97%	0%	1%	1%	1%	0%	C	0.087	F	0.549	31000	G
To: I-66																
522 340 Winchester Rd	Warren County	1.28	22000	G	86%	1%	1%	2%	10%	0%	C	0.08	F	0.515	23000	G
To: 93-627 Reliance Rd																
522 340 Winchester Rd	Warren County	2.81	16000	G	85%	1%	1%	2%	11%	0%	C	0.080	F	0.509	17000	G
From: 93-802 Zion Church Rd																
522 340 Winchester Rd	Warren County	0.30	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
To: Frederick County Line																
522 340 Winchester Rd	Frederick County (Maint: 93)	0.53	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
To: Warren County Line																
522 340 Winchester Rd	Warren County	0.39	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
To: Frederick County Line																
522 340 Winchester Rd	Frederick County (Maint: 93)	0.30	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
From: Warren County Line																
To: Warren County Line																

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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						
522 340 Winchester Rd	From: Frederick County Line															
	Warren County	0.16	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
522 340 Stonewall Jackson Hwy	To: Clarke County Line															
	From: Warren County Line															
522 340 Stonewall Jackson Hwy	Clarke County (Maint: 93)	1.79	17000	G	85%	1%	1%	2%	12%	0%	C	0.081	F	0.503	17000	G
	To: US 340; SR 277 Double Toll Gate															
522 Ramp	From: US 522 I-66-E006A TO & FROM RT 66															
	Warren County	0.15	5500	G								0.076	F		5500	G
North 522 Ramp	To: I-66-E FROM RT 522; 34000- SOUTH & NORTH															
	From: US 522 TO RT 66 WEST															
South 522 Ramp	Warren County	0.19	3500	G								0.103	F		3500	G
	To: I-66-W FROM RT 522; 34000- NORTH															
South 522 Ramp	From: US 522 TO RT 66 WEST															
	Warren County	0.15	2700	G								0.087	F		2700	G
522 Ramp	To: I-66-W FROM RT 522; 34000- SOUTH															

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						2Axle	3+Axle	1Trail	2Trail							
Warren County																
(F225) Cooley Dr	0.71	650	R								NA			NA		06/01/2011
(F283)	0.41	60	R								NA			NA		07/30/2008
(F285)	0.24	80	R								NA			NA		07/30/2008
(F730) Townsen Dr	0.26	4400	R								NA			NA		07/30/2008
(F731) Paterson Dr	0.26	4100	R								NA			NA		07/30/2008
(F870)	0.08	0	R								NA			NA		07/30/2008
(600) Hickerson Hollow Rd	1.00	20	R								NA			NA		05/17/2011
(601) Pomeroy Rd	1.00	50	R								NA			NA		05/17/2011
(602) Moore Rd	0.25	230	R								NA			NA		05/17/2011
(602) Moore Rd	0.45	30	R								NA			NA		05/17/2011
(603) Oregon Hollow Rd	2.90	820	G	95%	1%	3%	1%	0%	0%	C	NA			820	G	2013
(603) Howellsville Rd	2.30	2300	G	97%	1%	1%	0%	0%	0%	C	0.094	F	0.558	2400	G	2013
(604) Harmony Hollow Rd	0.90	60	R								NA			NA		05/17/2011
(604) Harmony Hollow Rd	0.82	220	R								NA			NA		05/17/2011
(604) Harmony Hollow Rd	0.34	450	G	97%	2%	0%	0%	0%	0%	F	0.124	F	0.661	470	G	2013
(604) Harmony Hollow Rd	1.59	710	G	97%	2%	0%	0%	0%	0%	C	0.102	F	0.580	730	G	2013
(605) Poor House Rd	1.70	250	R								NA			NA		08/05/2008
(606) Shenandoah Shores Rd	1.72	3300	G	97%	1%	1%	1%	1%	0%	C	NA			3300	G	2013
(606) Shenandoah Shores Rd	0.51	2200	R								NA			NA		07/30/2008
(606) Shenandoah Shores Rd	0.25	690	R								NA			NA		05/11/2011

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						2Axle	3+Axle	1Trail	2Trail							
Warren County																
(607) Rocky Lane	0.60	280	R			US 340 Stonewall Jackson Hwy					NA			NA		05/17/2011
(607) Rocky Lane	1.00	150	R			0.60 ME US 340					NA			NA		05/17/2011
(608) Wilson Burke Rd	0.45	590	R			93-649 Browntown Rd					NA			NA		08/07/2008
(609) Ritenour Hollow Rd	0.40	620	R			93-613					NA			NA		06/01/2011
(609) Ritenour Hollow Rd	1.04	710	R			93-619 Mtn Rd					NA			NA		08/12/2008
(609) Ritenour Hollow Rd	0.10	800	R			93-637 Guard Hill Rd					NA			NA		08/12/2008
(610) Bucks Mill Rd	0.20	450	R			FR-225 Cooley Dr					NA			NA		05/26/2011
(610) Bucks Mill Rd	2.15	120	R			93-736 Molly Campbell Lane					NA			NA		05/26/2011
(610) Bucks Mill Rd	0.05	150	R			93-627 Reliance Rd					NA			NA		05/26/2011
(611) Long Meadow Rd	2.60	90	R			SR 55; 93-678					NA			NA		06/01/2011
(611) Long Meadow Rd	0.10	200	R			93-616					NA			NA		06/01/2011
(611) Long Meadow Rd	3.38	290	R			2.15 ME 93-616					NA			NA		08/14/2008
(612) Gafia Lodge Rd	1.20	450	R			93-626					NA			NA		06/01/2011
(612) Gafia Lodge Rd	1.00	70	R			93-635 W, Bowmans Mill Rd					NA			NA		06/01/2011
(612) Gafia Lodge Rd	0.90	30	R			93-635 E, Bowmans Mill Rd					NA			NA		06/01/2011
(613) Bentonville Browntown Rd	0.06	230	G	96%	1%	1%	2%	1%	0%	F	0.119	F	0.509	240	G	2013
(613) Bentonville Browntown Rd	0.26	1100	G	96%	1%	1%	2%	1%	0%	C	0.094	F	0.739	1200	G	2013
(613) Bentonville Browntown Rd	0.31	1300	G	92%	0%	1%	4%	2%	1%	C	0.086	F	0.717	1400	G	2013
(613) Indian Hollow Rd	0.84	420	R			93-672 Bubb Lane, Qual Hollow Rd					NA			NA		08/05/2008
(613)	4.81	260	R			US 340 E, Stonewall Jackson Hwy					NA			NA		05/24/2011
(613)	1.04	380	R			US 340 W, Stonewall Jackson Hwy					NA			NA		08/07/2008
(613)	0.49	170	R			93-628 Rocky Hollow Rd					NA			NA		05/24/2011
						4.69 MS of GW Natl For Bndy										
						4.69 MS of Bndy										
						93-608 Wilson Burke Rd										
						93-619 Mountain Rd										

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						2Axle	3+Axle	1Trail	2Trail							
Warren County																
(614)	1.30	20	R								NA			NA		05/24/2011
(614)	0.70	180	R								NA			NA		05/26/2011
(615) Stokes Airport Rd	1.90	1100	G	96%	1%	1%	2%	0%	0%	C	0.111	F	0.508	1100	G	2013
(615)	0.10	100	R								NA			NA		05/24/2011
(615)	0.27	470	R								NA			NA		1988
(615)	0.19	40	R								NA			NA		05/24/2011
(615) Wakeman Mill Rd	1.50	550	R								NA			NA		05/24/2011
(616)	0.70	150	R								NA			NA		05/26/2011
(616)	0.90	210	R								NA			NA		05/26/2011
(617) Ridgeway Rd	1.70	250	R								NA			NA		08/07/2008
(618)	0.89	860	R								NA			NA		05/24/2011
(618)	0.50	600	R								NA			NA		08/07/2008
(618)	0.80	370	R								NA			NA		05/24/2011
(619) Rivermont Dr	2.09	4900	G	95%	1%	2%	1%	1%	0%	C	0.088	F	0.622	5100	G	2013
(619) Rivermont Dr	0.08	4500	G	98%	1%	1%	0%	0%	0%	F	0.103	F	0.601	4600	G	2013
(619) Rivermont Dr	2.22	3300	G	98%	1%	1%	0%	0%	0%	C	0.094	F	0.636	3400	G	2013
(619) Mountain Rd	1.93	620	G	98%	1%	1%	0%	0%	0%	F	0.095	F	0.633	640	G	2013
(619) Mountain Rd	2.43	800	G	98%	1%	1%	0%	0%	0%	F	0.101	F	0.621	830	G	2013
(620) Bennys Beach Rd	0.60	310	R								NA			NA		07/30/2008
(621) Punch Run Rd	0.60	1400	R								NA			NA		05/26/2011
(622)	1.00	80	R								NA			NA		05/17/2011
(622)	0.10	20	R								NA			NA		05/17/2011

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						2Axle	3+Axle	1Trail	2Trail							
Warren County																
(622)	0.39	30	R			From: Dead End; Gap					NA			NA		05/17/2011
(622)	0.50	60	R			To: 0.39 ME of Dead End					NA			NA		05/17/2011
(622)	0.50	230	R			From: 0.89 ME of Dead End					NA			NA		08/05/2008
(622)	0.70	220	R			To: 93-649 Browntown Rd					NA			NA		05/17/2011
(622)	2.79	180	R			From: 93-631					NA			NA		08/05/2008
(622)	0.36	160	R			To: 2.79 MN 93-631					NA			NA		05/24/2011
(622)	0.06	300	R			From: 93-654 Maple St					NA			NA		08/05/2008
(623)	1.72	490	R			To: 93-674 Limeton Church Rd					NA			NA		08/05/2008
(623)	0.38	440	R			From: Dead End					NA			NA		05/24/2011
(623)	0.38	440	R			To: 1.72 MN Dead End					NA			NA		08/07/2008
(624)	0.50	3700	G	96%	0%	1%	1%	1%	0%	C	0.094	F	0.541	3800	G	2013
(624)	0.40	3200	G	87%	1%	1%	12%	0%	0%	F	0.094	F	0.576	3300	G	2013
(624)	1.28	3500	G	87%	1%	1%	12%	0%	0%	C	0.087	F	0.516	3700	G	2013
(624)	1.80	1300	G	87%	1%	1%	12%	0%	0%	F	0.098	F	0.619	1400	G	2013
(624)	3.60	430	G	97%	1%	1%	1%	0%	0%	C	0.109	F	0.536	450	G	2013
(625)	0.25	60	R			From: 93-661 Fairground Rd					NA			NA		06/01/2011
(625)	0.25	60	R			To: 93-637 Guard Hill Rd					NA			NA		06/01/2011
(626)	1.60	90	R			From: 93-619 Mountain Rd					NA			NA		05/24/2011
(626)	1.80	1400	G	97%	0%	0%	2%	0%	0%	C	0.107	F	0.599	1500	G	2013
(626)	1.00	320	R			To: SR 55 W, Strasburg Rd					NA			NA		08/07/2008
(626)	1.00	320	R			From: SR 55 E, Strasburg Rd					NA			NA		08/07/2008
(626)	0.10	200	R			To: 93-614					NA			NA		05/25/2011
(626)	0.50	80	R			From: 93-610 Bucks Mill Rd					NA			NA		05/26/2011
(626)	0.20	80	R			To: Dead End					NA			NA		06/01/2011
(626)	0.20	80	R			From: Dead End; Gap					NA			NA		06/01/2011
(626)	0.70	120	R			To: 93-612 Gafia Lodge Rd					NA			NA		06/01/2011
(626)	0.70	120	R			From: 93-637 River Rd					NA			NA		06/01/2011
(627)	0.79	1800	G	97%	0%	1%	1%	1%	0%	C	0.096	F	0.507	1900	G	2013
(627)	0.79	1800	G	97%	0%	1%	1%	1%	0%	C	0.096	F	0.507	1900	G	2013

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						2Axle	3+Axle	1Trail	2Trail							
Warren County																
(627) Reliance Rd	3.48	1700	G	97%	0%	1%	1%	1%	0%	C	0.099	F	0.511	1800	G	2013
(627) Reliance Rd	0.33	2400	G	99%	0%	1%	0%	0%	0%	C	0.105	F	0.596	2500	G	2013
(628) Rocky Hollow Rd	0.80	90	R								NA			NA		05/24/2011
(628) Rocky Hollow Rd	0.30	120	R								NA			NA		05/24/2011
(628) Rocky Hollow Rd	1.10	100	R								NA			NA		05/24/2011
(629) Acorn Hill Rd	0.65	60	R								NA			NA		05/24/2011
(629) Acorn Hill Rd	1.00	140	R								NA			NA		01/26/2006
(630) Thompson Hollow Rd	1.85	440	R								NA			NA		08/05/2008
(630) Thompson Hollow Rd	0.40	440	R								NA			NA		08/05/2008
(631)	1.20	90	R								NA			NA		05/17/2011
(631)	5.70	120	R								NA			NA		05/17/2011
(631)	0.40	380	R								NA			NA		08/05/2008
(631)	0.10	500	R								NA			NA		05/17/2011
(632) Fetchett Rd	0.40	30	R								NA			NA		05/17/2011
(632) Fetchett Rd	0.70	110	R								NA			NA		06/20/2002
(633) Broad Run Rd	0.40	30	R								NA			NA		05/17/2011
(634) Smith Run Rd	1.00	230	R								NA			NA		05/17/2011
(634) Smith Run Rd	1.20	70	R								NA			NA		05/17/2011
(635) Bowmans Mill Rd	0.20	110	R								NA			NA		06/01/2011
(635) Bowmans Mill Rd	1.90	40	R								NA			NA		06/01/2011
(636) Crassland Rd	1.00	60	R								NA			NA		05/11/2011

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						2Axle	3+Axle	1Trail	2Trail								
Warren County																	
(637)	0.15	1200	R								NA			NA		08/12/2008	
From: Dead End																	
(637)	Guard Hill Rd	1.76	1100	G	97%	1%	1%	1%	1%	0%	C	0.116	F	0.561	1100	G	2013
To: US 522 Winchester Rd																	
(637)	Guard Hill Rd	2.51	500	G	93%	1%	2%	3%	1%	0%	C	0.115	F	0.576	520	G	2013
From: 93-625 Pine Hills Rd																	
(637)	River Rd	1.01	500	G	93%	1%	2%	3%	1%	0%	F	0.108	F	0.575	520	G	2013
To: 93-626 Catletts Ford Rd																	
From: 93-627 Chapel Rd; Reliance Rd																	
(637)		1.21	200	R										NA		NA	04/27/2011
To: 93-627 Reliance Rd																	
(637)		0.50	80	R										NA		NA	04/27/2011
From: 93-854 Buckhorn Rd																	
To: Frederick County Line																	
(638)		1.20	330	R										NA		NA	05/11/2011
From: Fauquier County Line; 30-638																	
(638)		0.60	560	R										NA		NA	07/30/2008
To: 93-636 Crassland Rd																	
(638)		0.20	3700	R										NA		NA	05/11/2011
From: SR 55 John Marshall Hwy																	
(638)		2.39	2400	R										NA		NA	05/11/2011
To: FR-283																	
(638)		6.38	330	R										NA		NA	05/11/2011
From: 93-1133																	
(638)		1.70	1400	R										NA		NA	05/11/2011
To: 93-688																	
(638)	Howellsville Rd	2.90	1700	G	98%	1%	1%	1%	0%	0%	C	0.107	F	0.708	1700	G	2013
From: 93-603 Howellsville Rd																	
To: Clarke County Line; 21-638																	
(639)		0.36	370	R										NA		NA	04/27/2011
From: Frederick County Line																	
(639)		0.03	320	R										NA		NA	08/12/2008
To: 93-802 S, Zion Church Rd																	
From: 93-802 N, Zion Church Rd																	
(639)	Ashby Station Rd	3.03	250	R										NA		NA	04/27/2011
To: US 522 Winchester Rd																	
(639)	Rockland Rd	0.05	590	R										NA		NA	07/30/2008
From: 93-658 N, Rockland Rd																	
To: 93-658 S; Ashby Station Rd																	
(639)	Ashby Station Rd	1.00	210	R										NA		NA	04/27/2011
From: 93-658 S, Rockland Rd																	
To: 93-624 Milldale Rd																	
(640)	Bunker Hill Rd	0.20	110	R										NA		NA	04/27/2011
From: 93-735 Bowman Hollow Rd																	
To: Frederick County Line																	
(641)	Double Church Rd	0.10	1000	R										NA		NA	04/27/2011
From: 93-639																	
To: Frederick County Line																	
(642)	Milldale Hollow Rd	1.00	70	R										NA		NA	04/27/2011
From: Dead End																	
(642)	Milldale Hollow Rd	0.20	130	R										NA		NA	04/27/2011
To: 1.00 MW Dead End																	
From: 93-624																	

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						2Axle	3+Axle	1Trail	2Trail							
Warren County																
(643) Howellsville Rd	1.22	2400	G	96%	1%	1%	1%	0%	0%	C	0.094	F	0.579	2500	G	2013
(644) Stonebridge Rd	0.40	60	R								NA		NA			05/11/2011
(645) Manassas Run Rd	0.29	45	R								NA		NA			05/11/2011
(646) Esteppe Rd	0.80	330	R								NA		NA			08/07/2008
(647) Dismal Hollow Rd	1.51	2700	G	96%	1%	1%	1%	0%	0%	C	NA		2700	G		2013
(647) Dismal Hollow Rd	1.57	2200	G	98%	0%	1%	1%	0%	0%	C	0.096	F	0.706	2200	G	2013
(648) Spangler Lane	0.22	50	R								NA		NA			05/24/2011
(649) Browntown Rd	1.73	850	G	98%	1%	1%	1%	0%	0%	F	0.103	F	0.638	880	G	2013
(649) Browntown Rd	2.52	1200	G	98%	1%	1%	1%	0%	0%	F	0.087	F	0.68	1200	G	2013
(649) Browntown Rd	2.20	1700	G	98%	1%	1%	1%	0%	0%	C	0.088	F	0.721	1800	G	2013
(649) Browntown Rd	0.60	2000	G	98%	1%	1%	1%	0%	0%	F	0.09	F	0.695	2100	G	2013
(649) Browntown Rd	0.19	2300	G	98%	1%	1%	1%	0%	0%	F	0.086	F	0.715	2300	G	2013
(649) Browntown Rd	0.19	2600	G	98%	1%	1%	1%	0%	0%	F	0.084	F	0.667	2700	G	2013
(650)	0.32	90	R								NA		NA			05/17/2011
(652) Little Loop Rd	0.18	60	R								NA		NA			05/11/2011
(654) Maple St	0.17	30	R								NA		NA			05/24/2011
(655) Country Club Dr	0.85	6100	R								NA		NA			07/30/2008
(656)	1.00	100	R								NA		NA			05/11/2011
(657) Station Lane	0.07	40	R								NA		NA			07/30/2008
(658) Rockland Rd	3.00	390	G	88%	1%	1%	2%	8%	0%	C	0.125	F	0.622	400	G	2013

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Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Warren County																
(658) Rockland Rd	1.60	420	G	98%	1%	1%	0%	0%	0%	C	0.118	F	0.5	440	G	2013
(658) Rockland Rd	1.05	300	G	98%	1%	1%	0%	0%	0%	F	0.111	F	0.622	320	G	2013
(659)	0.50	120	R								NA			NA		05/11/2011
(660) Wakeman Mill Rd	0.30	820	R								NA			NA		08/07/2008
(660)	1.50	620	R								NA			NA		05/24/2011
(660)	0.68	110	R								NA			NA		05/26/2011
(661) Fairground Rd	1.23	1300	G	99%	0%	0%	0%	0%	0%	C	0.098	F	0.58	1400	G	2013
(661) Fairground Rd	2.10	1800	G	97%	1%	1%	1%	0%	0%	C	0.11	F	0.592	1800	G	2013
(662) Foster Hollow Rd	0.33	130	R								NA			NA		04/27/2011
(663) Walnut Dr	0.32	120	R								NA			NA		08/08/2002
(663) Walnut Dr	0.08	260	R								NA			NA		05/17/2011
(664) Whipporwill Rd	0.21	80	R								NA			NA		08/07/2008
(665)	0.07	890	R								NA			NA		05/17/2011
(667) Mitchell Dr	0.30	120	R								NA			NA		05/26/2011
(668) Theatre Rd	0.20	120	R								NA			NA		05/26/2011
(669) Dogwood Lane	0.30	80	R								NA			NA		08/05/2008
(670) Point Rd	0.60	60	R								NA			NA		05/24/2011
(671) Harmony Orchard Rd	0.92	350	R								NA			NA		07/30/2008
(672) Bubb Lane	0.10	47	R								NA			NA		05/17/2011
(673) McCoys Ford Rd	1.13	340	R								NA			NA		08/07/2011

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						2Axle	3+Axle	1Trail	2Trail							
Warren County																
(673) McCoys Ford Rd	0.70	1300	R											NA	NA	05/24/2011
(674) Limeton Church Rd	0.48	120	R											NA	NA	08/05/2008
(674) Limeton Church Rd	0.17	450	R											NA	NA	05/24/2011
(675) Success Rd	0.25	90	R											NA	NA	04/27/2011
(676) Corron Dr	0.30	190	R											NA	NA	05/24/2011
(677) Catlett Mountain Rd	2.17	180	R											NA	NA	08/07/2008
(678) Fort Valley Rd	1.77	1500	G	98%	1%	0%	1%	0%	0%	C	0.1	F	0.643	1600	G	2013
(679)	1.32	130	R											NA	NA	01/26/2006
(679)	0.70	570	R											NA	NA	08/07/2008
(680) Russ Johnson Rd	0.31	30	R											NA	NA	05/24/2011
(681) Luray Ave	0.24	190	R											NA	NA	08/07/2008
(682) Poe Dr	0.10	50	R											NA	NA	05/26/2011
(682) Poe Dr	0.06	100	R											NA	NA	06/24/2002
(682) Poe Dr	0.27	300	R											NA	NA	1999
(683) Bowling Green Rd	1.48	210	R											NA	NA	07/30/2008
(684)	0.09	10	R											NA	NA	05/24/2011
(684)	0.06	70	R											NA	NA	08/05/2008
(685)	0.24	47	R											NA	NA	05/11/2011
(686) Pinkett Lane	0.05	20	R											NA	NA	08/05/2008
(687)	0.27	40	R											NA	NA	05/11/2011

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						2Axle	3+Axle	1Trail	2Trail							
Warren County																
(688)	0.20	800	R				93-638				NA			NA		05/11/2011
							Dead End									
(689)	0.28	150	R				93-624 Morgan Ford Rd				NA			NA		07/30/2008
							Dead End									
(690)	0.24	70	R				SR 55 Strasburg Rd				NA			NA		08/07/2008
							Dead End									
(700) Figgins Rd	0.36	130	R				Dead End				NA			NA		08/07/2008
							93-677 Catlett Mountain Rd									
(701) Barnett Dr	0.40	210	R				Dead End				NA			NA		08/07/2008
							93-619 Rivermont Dr									
(702) Baugh Dr	1.36	1500	R				Dead End				NA			NA		08/12/2008
							93-661 Fairground Rd									
(703) Success Farm Lane	0.08	20	R				Dead End				NA			NA		08/12/2008
							93-661 Fairground Rd									
(704) Jenny Wren Dr	0.20	130	R				SR 55 Strasburg Rd				NA			NA		05/26/2011
							Dead End									
(710) Lower Valley Rd	0.39	390	R				93-678 Fort Valley Rd				NA			NA		05/26/2011
							Dead End									
(711)	0.71	300	R				Dead End				NA			NA		05/26/2011
							93-710 Lower Valley Rd									
(712)	0.11	30	R				93-710 Lower Valley Rd				NA			NA		05/26/2011
							Cul-de-Sac									
(715)	0.36	NA					Dead End				NA			NA		
							93-658 Rockland Rd									
(720) Toray Dr	0.45	NA					US 340, US 522 Winchester Rd				NA			NA		
							93-702 Baugh Dr									
(721)	0.11	NA					Dead End				NA			NA		
							93-638 Howellsville Rd									
(724)	0.41	NA					Dead End				NA			NA		
							93-602 Moore Rd									
(725)	2.11	200	R				Dead End				NA			NA		05/24/2011
							US 340 Stonewall Jackson Hwy									
(730)	0.25	300	R				Dead End				NA			NA		05/17/2011
							93-613 Bentonville Browntown Rd									
(731)	0.12	NA					Dead End				NA			NA		
							93-638									
(735) Bowman Hollow Rd	1.00	46	R				Dead End				NA			NA		04/27/2011
							93-640 Bunker Hill 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							
Warren County																
(735) Bowman Hollow Rd	0.40	48	R			From: 93-640 Bunker Hill Rd					NA			NA		04/27/2011
						To: Frederick County Line										
(736) Molly Campbell Lane	0.20	30	R			From: 93-609 Ritenour Hollow Rd					NA			NA		06/01/2011
						To: 93-627 Reliance Rd										
(737)	0.05	50	R			From: 93-654 Maple St					NA			NA		05/24/2011
						To: 93-674 Limeton Church Rd										
(737)	0.02	880	R			From: US 340 Stonewall Jackson Hwy					NA			NA		08/19/2008
						To: Dead End										
(738) Jennings Lane	0.30	46	R			From: 93-613 Bentonville Browntown Rd					NA			NA		05/17/2011
						To: Dead End										
(739) Robinson Rd	0.22	30	R			From: 93-660					NA			NA		05/24/2011
						To: Dead End										
(745)	0.18	290	R			From: 93-649 Browntown Rd					NA			NA		05/17/2011
						To: Dead End										
(802) Zion Church Rd	0.16	1200	R			From: US 522 Winchester Rd					NA			NA		08/19/2008
						To: 93-639 SOUTH										
(802) Zion Church Rd	0.08	250	R			From: 93-639 NORTH					NA			NA		04/27/2011
						To: 93-639 NORTH										
(802) Zion Church Rd	0.20	120	R			From: Dead End					NA			NA		08/12/2008
						To: 93-624										
(810)	0.23	50	R			From: 93-811					NA			NA		04/27/2011
						To: 93-639										
(810)	0.34	60	R			From: Cul-de-Sac					NA			NA		04/27/2011
						To: 93-810										
(840) Water Plant Rd	1.00	570	R			From: Frederick County Line					NA			NA		08/14/2008
						To: 93-611; 93-612										
(842)	0.20	40	R			From: Dead End					NA			NA		1994
						To: 93-612 Gafia Lodge Rd										
(842)	1.25	40	R			From: 1.25 MN 93-612					NA			NA		08/14/2008
						To: 93-611 W, Long Meadow Rd										
(842)	0.05	40	R			From: 93-611 E, Long Meadow Rd					NA			NA		08/14/2008
						To: Frederick County Line										
(854) Buckhorn Rd	0.25	140	R			From: 93-637					NA			NA		08/12/2008
						To: Frederick County Line										

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						2Axle	3+Axle	1Trail	2Trail							
Frederick County																
(854) Buckhorn Rd	0.21	120	R			From: Frederick County Line					NA			NA		04/27/2011
						To: Dead End										
Warren County																
(1010) Park Ridge Court	0.20	110	R			From: Cul-de-Sac					NA			NA		05/17/2011
						To: 93-649 Browntown Rd										
(1013)	1.02	180	R			From: 93-661 Fairground Rd					NA			NA		04/27/2011
						To: 93-624										
(1014)	0.20	90	R			From: 93-1013					NA			NA		05/27/2011
						To: Cul-de-Sac										
(1015)	0.17	100	R			From: 93-658 Rockland Rd					NA			NA		04/27/2011
						To: Cul-de-Sac										
(1020)	0.61	250	R			From: FR-225					NA			NA		08/12/2008
						To: 93-1022										
(1021)	0.24	110	R			From: 93-1022					NA			NA		08/12/2008
						To: 93-1020										
(1022)	0.31	130	R			From: Cul-de-Sac					NA			NA		08/12/2008
						To: 93-1020										
(1022)	0.04	80	R			From: Cul-de-Sac					NA			NA		08/12/2008
						To: Cul-de-Sac										
(1023)	0.32	NA				From: FR-225					NA			NA		
						To: Cul-de-Sac										
(1030)	0.20	50	R			From: Dead End					NA			NA		08/07/2008
						To: 93-673 McCoys Ford Rd										
(1031)	0.20	70	R			From: Cul-de-Sac					NA			NA		08/07/2008
						To: 93-679										
(1032)	0.49	NA				From: Cul-de-Sac					NA			NA		
						To: 93-646 Esteppe Rd										
(1033)	0.22	NA				From: 93-1032					NA			NA		
						To: Cul-de-Sac										
(1110) Dennis Dr	0.09	30	R			From: Dead End					NA			NA		08/07/2008
						To: 93-682 Poe Dr										
(1111) Boies Dr	0.08	48	R			From: Dead End					NA			NA		05/26/2011
						To: 93-682 Poe Dr										
(1120) West Duck St	0.29	620	R			From: 93-1125 Mallard Place					NA			NA		05/26/2011
						To: WCL Front Royal										
(1121) River Court	0.11	140	R			From: 93-1120 West Duck St					NA			NA		05/26/2011
						To: Cul-de-Sac										
(1122) Baron Place	0.15	190	R			From: Cul-de-Sac					NA			NA		05/26/2011
						To: 93-1120 West Duck St										

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						2Axle	3+Axle	1Trail	2Trail							
Warren County																
(1123) Weaver Lane	0.07	170	R								NA			NA		05/26/2011
(1124) Earl Court	0.06	80	R								NA			NA		05/26/2011
(1125) Mallard Place	0.04	NA									NA			NA		
(1125) Mallard Place	0.18	310	R								NA			NA		05/26/2011
(1126) Morgan Place	0.11	140	R								NA			NA		05/26/2011
(1130)	0.54	140	R								NA			NA		07/30/2008
(1131)	0.21	9	R								NA			NA		07/30/2008
(1132)	0.29	20	R								NA			NA		07/30/2008
(1132)	0.23	70	R								NA			NA		07/30/2008
(1133)	0.46	60	R								NA			NA		07/30/2008
(1134)	0.07	30	R								NA			NA		07/30/2008
(9418)	0.41	NA									NA			NA		
Town of Front Royal																
(2 ₁₇₂) Criser Rd	0.51	3100	G	96%	2%	1%	1%	0%	0%	C	0.151	F	0.604	3300	G	2013
(2 ₁₇₂) Criser Rd	0.71	4700	G	96%	2%	1%	1%	0%	0%	F	0.118	F	0.585	5000	G	2013
(4001 ₁₁₂) Luray Ave	0.45	1800	G	97%	2%	1%	0%	0%	0%	F	0.196	F	0.537	1900	G	2013
(4001 ₁₁₂) Luray Ave	0.21	2200	G	97%	2%	1%	0%	0%	0%	C	0.173	F	0.518	2400	G	2013
(4002 ₁₁₂) Stonewall Dr	0.25	940	G	98%	1%	1%	1%	0%	0%	F	0.268	F	0.936	1000	G	2013
(4002 ₁₁₂) Stonewall Dr	0.42	2700	G	98%	1%	1%	1%	0%	0%	C	0.130	F	0.551	2800	G	2013
(4004 ₁₁₂) West Main St	0.64	1900	G	98%	0%	0%	1%	1%	0%	C	0.115	F	0.678	2100	G	2013
(4004 ₁₁₂) West Main St	0.07	3000	G	98%	0%	0%	1%	1%	0%	F	0.111	F	0.726	3200	G	2013

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Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Front Royal																
(4004/112) East Main St	0.25	4000	G	98%	0%	1%	1%	0%	0%	C	0.088	F	0.522	4200	G	2013
						From: North Royal Ave										
						To: Blue Ridge Ave										
(4004/112) East Main St	0.13	3000	G	98%	0%	0%	1%	1%	0%	F	0.087	F	0.692	3200	G	2013
						From: Commerce Ave										
						To: Commerce Ave										
(4005/112) Happy Creek Rd	0.85	2600	G	98%	1%	0%	0%	0%	0%	C	0.105	F	0.622	2800	G	2013
						From: Commerce Ave										
						To: 6Th St										
(4006/112) Kendrick Lane	0.19	8000	G	99%	0%	0%	0%	0%	0%	C	0.092	F	0.501	8500	G	2013
						From: Shenandoah Ave										
						To: 6Th St										
(4006/112) 6th St	0.11	7900	G	96%	1%	1%	1%	1%	0%	F	0.091	F	0.515	8400	G	2013
						From: Kendrick Lane										
						To: US 340 North Royal Ave										
(4006/112) 6th St	0.14	5000	G	96%	1%	1%	1%	1%	0%	F	0.098	F	0.518	5300	G	2013
						From: Commerce Ave										
						To: Happy Creek Rd										
(4006/112) 6th St	0.62	6700	G	97%	0%	1%	1%	1%	0%	C	0.093	F	0.5	7100	G	2013
						From: Happy Creek Rd										
						To: 6Th St										
(4006/112) Happy Creek Rd	2.19	7200	G	96%	1%	1%	1%	1%	0%	C	0.097	F	0.517	7600	G	2013
						From: 6Th St										
						To: ECL Front Royal										
(4010/112) Shenandoah Ave	0.50	6300	G	98%	0%	0%	1%	0%	0%	C	0.101	F	0.503	6700	G	2013
						From: Kendrick Lane										
						To: 14Th St										
Warren County																
E Strasburg Road		780	G	98%	1%	0%	0%	0%	0%	C	NA			780	G	2013
						From: US 340, US 522 Shenandoah Ave										
						To: Old Winchester Pike										
SR 55 John Marshall Hwy		12000	G	98%	1%	0%	0%	1%	0%	C	0.094	F	0.659	12000	G	2013
						From: Walker Rd										
						To: Longhill Rd										
Town of Front Royal																
11th St		700	G								0.109	F	0.75	700	G	2013
						From: Virginia Ave										
						To: North Royal Ave										
13th St		450	G								0.097	F	0.534	450	G	2013
						From: Jefferson Avenue										
						To: Monroe Avenue										
Jamestown Rd		1400	G								0.115	F	0.561	1400	G	2013
						From: Accomac Road										
						To: Charles Street										
Kendrick Lane		3200	G								0.098	F	0.563	3200	G	2013
						From: Massanutten Avenue										
						To: Shenandoah Avenue										
Washington Avenue		310	G								0.098	F	0.739	310	G	2013
						From: Happy Creek Road										
						To: 6th Street										