

2014
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report

138

City of Winchester

Information in this report is included in Report

34

(Frederick County)

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
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
2014
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Winchester

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From:	US 50, US 522 Par, Braddock St														
   Boscawen St	City of Winchester	0.18	1800	F	99%	0%	1%	0%	0%	0%	C	0.095	F	1900	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	F	99%	0%	1%	0%	0%	0%	F	0.087	F	0.533	12000	F
	To:	US 11 Cameron St														
	From:	Boscawen St														
    Cameron St	City of Winchester	0.17	8900	F	97%	1%	1%	0%	0%	0%	F	0.096	F	0.768	9500	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			16000	F	97%	1%	1%	0%	0%	0%	F	0.093	F	0.516	17000	F
	To:	Piccadilly St														
	From:	US 11 Cameron St														
 Piccadilly St	City of Winchester	0.18	10000	F	97%	1%	1%	0%	2%	0%	F	0.087	F	0.54	11000	F
	To:	East Lane														
	From:	Piccadilly St														
 East Lane	City of Winchester	0.02	9500	F	97%	1%	1%	0%	2%	0%	F	0.088	F	0.541	10000	F
	To:	Fairfax Lane														
	From:	Highland Ave														
 National Ave	City of Winchester	0.32	10000	F	97%	1%	1%	0%	2%	0%	F	0.09	F	0.546	11000	F
	To:	138-5213 Pleasant Valley Rd														
	From:	Berryville Ave														
 Berryville Ave	City of Winchester	0.79	25000	F	97%	1%	1%	0%	2%	0%	C	0.087	F	0.514	27000	F
	To:	Ross St														
	From:	Berryville Ave														
 Berryville Ave	City of Winchester (Maint: 34)	0.16	36000	F	97%	1%	1%	0%	2%	0%	F	0.085	F	0.595	38000	F
	To:	I-81; ECL Winchester														
	From:	US 50 Boscawen St														
    Braddock St	City of Winchester	0.17	6700	F	97%	1%	1%	0%	0%	0%	F	0.093	F	0.604	7100	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			16000	F	97%	1%	1%	0%	0%	0%	F	0.093	F	0.516	17000	F
	To:	Piccadilly St														
	From:	Braddock St														
   Piccadilly St	City of Winchester	0.18	9100	F	99%	0%	1%	0%	0%	0%	F	0.086	F	0.641	9600	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	F	99%	0%	1%	0%	0%	0%	F	0.087	F	0.533	12000	F
	To:	SR 7 Cameron St														
	From:	SCL Winchester														
 Valley Ave	City of Winchester	1.37	14000	F	96%	0%	1%	1%	3%	0%	F	0.089	F	0.532	15000	F
	To:	Middle Rd														
	From:	Valley Ave														
 Valley Ave	City of Winchester	0.12	19000	F	96%	0%	1%	1%	3%	0%	F	0.091	F	0.501	21000	F
	To:	Weems Lane														
	From:	Valley Ave														
 Valley Ave	City of Winchester	0.67	16000	F	96%	0%	1%	1%	3%	0%	F	0.09	F	0.506	17000	F
	To:	Jubal Early Dr														
	From:	Valley Ave														
 Valley Ave	City of Winchester	0.59	10000	F	96%	0%	1%	1%	3%	0%	F	0.092	F	0.523	11000	F
	To:	US 11 Par Braddock St														
	From:	Valley Ave														
 Valley Ave	City of Winchester	0.09	1900	F	97%	1%	1%	0%	1%	0%	F	0.097	F		2000	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			12000	F	96%	1%	2%	1%	1%	0%	F	0.091	F	0.55	13000	F
	To:	Gerrard St														

Virginia Department of Transportation
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2014
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City of Winchester

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
From: Valley Ave To: Cameron St	City of Winchester	0.10	9200	F	97%	1%	1%	0%	1%	0%	F	0.087	F	0.578	9800	F
From: US 50 Gerrard St To: Boscawen St	City of Winchester	0.53	6500	F	97%	1%	1%	0%	0%	0%	C	0.091	F	0.525	7000	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			14000	F	98%	1%	1%	0%	0%	0%	C	0.093	F	0.782	15000	F
From: Boscawen St To: Piccadilly St	City of Winchester	0.17	8900	F	97%	1%	1%	0%	0%	0%	F	0.096	F	0.768	9500	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			16000	F	97%	1%	1%	0%	0%	0%	F	0.093	F	0.516	17000	F
From: Piccadilly St To: US 11 Par, Loudoun St	City of Winchester	0.83	6600	F	97%	1%	1%	0%	1%	0%	C	0.092	F		7100	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	F	97%	1%	1%	1%	1%	0%	C	0.092	F	0.753	11000	F
From: US 11 Par, Loudoun St To: NCL Winchester	City of Winchester	0.31	8800	F	97%	1%	1%	0%	1%	0%	F	0.092	F	0.563	9400	F
From: US 11 Valley Ave To: Gerrard St	City of Winchester	0.09	10000	F	96%	1%	2%	1%	1%	0%	F	0.093	F	0.637	11000	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			12000	F	96%	1%	2%	1%	1%	0%	F	0.091	F	0.55	13000	F
From: Gerrard St To: Boscawen St	City of Winchester	0.53	7200	F	98%	1%	1%	0%	0%	0%	C	0.096	F		7700	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			14000	F	98%	1%	1%	0%	0%	0%	C	0.093	F	0.782	15000	F
From: Boscawen St To: Piccadilly St	City of Winchester	0.17	6700	F	97%	1%	1%	0%	0%	0%	F	0.093	F	0.604	7100	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			16000	F	97%	1%	1%	0%	0%	0%	F	0.093	F	0.516	17000	F
From: Piccadilly St To: North Ave	City of Winchester	0.28	2300	F	96%	1%	2%	1%	1%	0%	C	0.105	F	0.550	2400	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			8900	F	97%	1%	1%	1%	1%	0%	C	NA			9500	F
From: North Ave To: Braddock St	City of Winchester	0.11	450	F	97%	1%	1%	0%	0%	0%	C	0.123	F	0.541	480	F
Combined Traffic Estimates for Parallel Roadways on this Route:			NA									NA			NA	
From: Loudoun St To: North Ave	City of Winchester	0.30	2500	F	98%	1%	0%	0%	0%	0%	C	0.095	F	0.635	2700	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			9100	F	98%	1%	1%	0%	0%	0%	C	NA			9700	F
From: Wyck St To: US 11 Cameron St	City of Winchester	0.24	4000	F	96%	1%	1%	1%	1%	0%	C	0.097	F	0.665	4200	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	F	97%	1%	1%	1%	1%	0%	C	0.092	F	0.753	11000	F




















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City of Winchester

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	
							2Axle	3+Axle	1Trail	2Trail							
	From: I-81																
17 50 522	City of Winchester	0.09	27000	N	97%	0%	1%	0%	1%	0%	N	0.083	N	0.624	28000	N	
	To: Jubal Early Dr																
	From: US 50 Par, Millwood Ave																
17 50 522	City of Winchester	0.06	27000	F	97%	0%	1%	0%	1%	0%	C	0.083	F	0.624	28000	F	
	To: Apple Blossom Dr																
	From: Jubal Early Dr																
17 50 522	City of Winchester	0.05	9100	F	97%	0%	1%	0%	1%	0%	F	0.087	F	0.852	9700	F	
	To: US 50 Par, Millwood Dr																
	From: US 50 Par, Apple Blossom Dr																
17 50 522	City of Winchester	0.75	12000	F	98%	1%	1%	0%	0%	0%	F	0.085	F	0.551	13000	F	
	To: US 11 Cameron St																
	From: WCL Winchester																
50	City of Winchester	0.64	18000	F	98%	1%	1%	0%	0%	0%	F	0.089	F	0.586	19000	F	
	To: Fox Dr																
	From: Fox Dr																
50	City of Winchester	0.75	15000	F	98%	1%	1%	0%	0%	0%	C	0.087	F	0.507	16000	F	
	To: Boscawen St																
	From: Boscawen St																
50	City of Winchester	0.37	11000	F	98%	1%	1%	0%	0%	0%	F	0.085	F	0.546	12000	F	
	To: Braddock St																
	From: Braddock St																
50 11 50 522	City of Winchester	0.53	7200	F	98%	1%	1%	0%	0%	0%	C	0.096	F		7700	F	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:			14000	F	98%	1%	1%	0%	0%	0%	C	0.093	F	0.782	15000	F
	To: Gerrard St																
	From: Braddock St																
50 522	City of Winchester	0.07	6900	F	98%	1%	1%	0%	0%	0%	F	0.083	F	0.532	7400	F	
	To: Valley Ave																
	From: Valley Ave																
50 11 522	City of Winchester	0.10	9200	F	97%	1%	1%	0%	1%	0%	F	0.087	F	0.578	9800	F	
	To: US 11 Cameron St																
	From: US 11 Cameron St																
50 17 522	City of Winchester	0.75	12000	F	98%	1%	1%	0%	0%	0%	F	0.085	F	0.551	13000	F	
	To: US 50 Par, Apple Blossom Dr																
	From: US 50 Par, Millwood Dr																
50 17 522	City of Winchester	0.05	9100	F	97%	0%	1%	0%	1%	0%	F	0.087	F	0.852	9700	F	
	To: Jubal Early Dr																
	From: Jubal Early Dr																
50 17 522	City of Winchester	0.06	27000	F	97%	0%	1%	0%	1%	0%	C	0.083	F	0.624	28000	F	
	To: US 50 Par, Millwood Ave																
	From: US 50 Par, Jubal Early Dr																
50 17 522	City of Winchester	0.09	27000	N	97%	0%	1%	0%	1%	0%	N	0.083	N	0.624	28000	N	
	To: I-81																
	From: Boscawen St																
50 522 11 522	City of Winchester	0.17	6700	F	97%	1%	1%	0%	0%	0%	F	0.093	F	0.604	7100	F	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:			16000	F	97%	1%	1%	0%	0%	0%	F	0.093	F	0.516	17000	F
	To: Piccadilly St																

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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: Braddock St															
Piccadilly St	City of Winchester	0.18	9100	F	99%	0%	1%	0%	0%	0%	F	0.086	F	0.641	9600	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	F	99%	0%	1%	0%	0%	0%	F	0.087	F	0.533	12000	F
	To: Cameron St															
	From: Piccadilly St															
Cameron St	City of Winchester	0.17	8900	F	97%	1%	1%	0%	0%	0%	F	0.096	F	0.768	9500	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			16000	F	97%	1%	1%	0%	0%	0%	F	0.093	F	0.516	17000	F
	To: Boscawen St															
	From: Boscawen St															
Cameron St	City of Winchester	0.53	6500	F	97%	1%	1%	0%	0%	0%	C	0.091	F	0.525	7000	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			14000	F	98%	1%	1%	0%	0%	0%	C	0.093	F	0.782	15000	F
	To: US 50 Millwood Ave															
	From: US 50 Apple Blossom Dr															
Millwood Ave	City of Winchester	0.18	8800	F	98%	0%	1%	0%	0%	0%	C	0.086	F	0.948	9400	F
	To: US 50 Jubal Early Drive															
	From: SCL Winchester															
North 	City of Winchester (Maint: 34)	0.07	31000	A	79%	1%	1%	1%	17%	1%	C	0.098	A		32000	A
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			62000	A	79%	1%	1%	1%	17%	1%	C	NA			63000	A
	To: NCL Winchester															
	From: SCL Winchester															
South 	City of Winchester (Maint: 34)	0.07	31000	A	80%	1%	1%	1%	17%	1%	C	0.097	A		31000	A
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			62000	A	79%	1%	1%	1%	17%	1%	C	NA			63000	A
	To: NCL Winchester															
	From: I-81															
Millwood Ave	City of Winchester	0.09	27000	N	97%	0%	1%	0%	1%	0%	N	0.083	N	0.624	28000	N
	To: US 50 Par, Jubal Early Dr															
	From: US 50 Par, Millwood Ave															
Jubal Early Dr	City of Winchester	0.06	27000	F	97%	0%	1%	0%	1%	0%	C	0.083	F	0.624	28000	F
	To: Apple Blossom Dr															
	From: Jubal Early Dr															
Apple Blossom Dr	City of Winchester	0.05	9100	F	97%	0%	1%	0%	1%	0%	F	0.087	F	0.852	9700	F
	To: US 50 Par, Millwood Dr															
	From: US 50 Par, Apple Blossom Dr															
Millwood Ave	City of Winchester	0.75	12000	F	98%	1%	1%	0%	0%	0%	F	0.085	F	0.551	13000	F
	To: US 11 Cameron St															
	From: Millwood Ave															
Cameron St	City of Winchester	0.53	6500	F	97%	1%	1%	0%	0%	0%	C	0.091	F	0.525	7000	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			14000	F	98%	1%	1%	0%	0%	0%	C	0.093	F	0.782	15000	F
	To: Boscawen St															
	From: Boscawen St															
Cameron St	City of Winchester	0.17	8900	F	97%	1%	1%	0%	0%	0%	F	0.096	F	0.768	9500	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			16000	F	97%	1%	1%	0%	0%	0%	F	0.093	F	0.516	17000	F
	To: SR 7 Piccadilly St															

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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: US 11 Cameron St															
   Piccadilly St	City of Winchester	0.18	9100	F	99%	0%	1%	0%	0%	F	0.086	F	0.641	9600	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	F	99%	0%	1%	0%	0%	F	0.087	F	0.533	12000	F	
	To: US 50, SR 7 Braddock St															
 Piccadilly St	City of Winchester	0.19	5500	F	97%	0%	1%	0%	1%	F	0.094	F	0.633	5900	F	
	To: Fairmont Ave															
	From: Piccadilly St															
 Fairmont Ave	City of Winchester	0.22	5300	F	97%	0%	1%	0%	1%	F	0.1	F	0.559	5700	F	
	To: Commercial St															
	From: Commercial St															
 Fairmont Ave	City of Winchester	0.55	11000	F	97%	0%	1%	0%	1%	C	0.104	F	0.637	12000	F	
	To: NCL Winchester															
	From: US 522, US 11 Cameron St															
   Gerrard St	City of Winchester	0.10	9200	F	97%	1%	1%	0%	1%	F	0.087	F	0.578	9800	F	
	To: US 11 Valley Ave															
	From: US 11 Valley Ave															
  Gerrard St	City of Winchester	0.07	6900	F	98%	1%	1%	0%	0%	F	0.083	F	0.532	7400	F	
	To: Braddock St															
	From: Braddock St															
    Braddock St	City of Winchester	0.53	7200	F	98%	1%	1%	0%	0%	C	0.096	F		7700	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			14000	F	98%	1%	1%	0%	0%	C	0.093	F	0.782	15000	F	
	To: US 50 Boscawen St															
	From: US 50 Boscawen St															
    Braddock St	City of Winchester	0.17	6700	F	97%	1%	1%	0%	0%	F	0.093	F	0.604	7100	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			16000	F	97%	1%	1%	0%	0%	F	0.093	F	0.516	17000	F	
	To: US 522 Piccadilly St															

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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							
City of Winchester																
① Woodstock Ln	0.63	2400	F	97%	1%	1%	0%	0%	0%	C	0.091	F	0.564	2600	F	2014
② Fort Collier Dr	0.16	7300	F	92%	1%	1%	1%	5%	1%	C	0.09	F	0.532	7800	F	2014
③ Washington St	0.64	2500	F	99%	1%	0%	0%	0%	0%	C	0.094	F	0.577	2700	F	2014
④ Handley Blvd	0.08	7900	F	99%	1%	0%	0%	0%	0%	F	0.088	F	0.516	8400	F	2014
⑤ Tevis Ave	0.21	7200	F	99%	0%	0%	0%	0%	0%	C	0.085	F	0.505	7700	F	2014
⑥ Cedarmeade Ave	0.55	1400	F	97%	2%	1%	1%	0%	0%	C	0.105	F	0.5	1400	F	2014
⑦ Jubal Early Dr	0.65	5500	F	99%	1%	0%	0%	0%	0%	F	0.095	F	0.55	5900	F	2014
⑦ Jubal Early Dr	0.98	20000	F	99%	1%	0%	0%	0%	0%	F	0.088	F	0.525	21000	F	2014
⑤200 Cedar Creek Grade	0.52	14000	F	98%	0%	1%	0%	0%	0%	F	0.102	F	0.636	15000	F	2014
⑤200 Weems Ln	0.50	12000	F	98%	0%	1%	0%	0%	0%	C	0.093	F	0.523	13000	F	2014
⑤201 Middle Rd	1.01	3700	F	99%	0%	1%	0%	0%	0%	C	0.108	F	0.677	3900	F	2014
⑤203 Fox Dr	0.86	4900	F	97%	2%	1%	0%	0%	0%	C	0.118	F	0.567	5200	F	2014
⑤204 Cork St	0.08	8200	F	98%	1%	1%	0%	0%	0%	F	0.098	F	0.563	8800	F	2014
⑤204 Cork St	0.48	9500	F	98%	1%	1%	0%	0%	0%	F	0.093	F	0.581	10000	F	2014
⑤204 Cork St	0.44	10000	F	98%	1%	1%	0%	0%	0%	C	0.1	F	0.554	11000	F	2014
⑤206 Commercial St	0.29	3000	F	97%	1%	1%	0%	1%	0%	C	0.101	F	0.636	3200	F	2014
⑤207 Shawnee Dr	0.67	4900	F	94%	1%	1%	1%	3%	0%	C	0.099	F	0.585	5300	F	2014
⑤209 Papermill Rd	0.86	9900	F	99%	0%	1%	0%	0%	0%	F	0.097	F	0.501	11000	F	2014
⑤209 Papermill Rd	0.64	6500	F	99%	0%	1%	0%	0%	0%	F	0.101	F	0.519	6900	F	2014
⑤209 Loudoun St	0.43	14000	F	99%	0%	1%	0%	0%	0%	C	0.091	F	0.551	15000	F	2014

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						2Axle	3+Axle	1Trail	2Trail							
City of Winchester																
(5209) Loudoun St	0.72	5300	F	99%	0%	1%	0%	0%	0%	F	0.097	F	0.535	5600	F	2014
(5213) Pleasant Valley Rd	1.22	20000	F	98%	0%	1%	0%	1%	0%	C	0.095	F	0.505	21000	F	2014
(5213) Pleasant Valley Rd	0.36	22000	F	98%	0%	1%	0%	1%	0%	F	0.086	F	0.501	24000	F	2014
(5213) Pleasant Valley Rd	0.91	22000	F	98%	0%	1%	0%	1%	0%	F	0.091	F	0.533	24000	F	2014
(5213) Pleasant Valley Rd	0.36	18000	F	98%	0%	1%	0%	1%	0%	F	0.083	F	0.539	19000	F	2014
(5221) Smithfield Ave	0.63	1900	F	95%	2%	2%	0%	1%	0%	C	0.09	F	0.548	2000	F	2014
2nd St		180	F								0.204	F	0.649	190	F	2014
Amherst St		4900	F								0.091	F	0.681	5300	F	2014
Battaile Dr		720	F								0.11	F	0.826	770	F	2014
Beachcroft Rd		210	F								0.137	F	0.574	230	F	2014
Bellview Ave		770	F								0.099	F	0.652	830	F	2014
Bond St		370	F								0.111	F	0.632	400	F	2014
Braddock St		610	F								0.094	F	0.557	650	F	2014
Branner Ave		350	F								0.113	F	0.729	380	F	2014
Butler Ave		170	F								0.138	F	0.551	180	F	2014
Caroline St		290	F								0.100	F	0.565	310	F	2014
Commerce St		760	F								0.104	F	0.641	810	F	2014
Dunlap St		190	F								0.105	F	0.604	200	F	2014
E Southwerk St		1400	F								0.122	F	0.778	1500	F	2014

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						2Axle	3+Axle	1Trail	2Trail							
City of Winchester																
Elm St		3100	F							0.097	F	0.577	3300	F	2014	
Euclid Ave		250	F							0.105	F	0.519	270	F	2014	
Glaize Ave		270	F							0.117	F	0.515	290	F	2014	
Handley Ave		630	F							0.166	F	0.593	680	F	2014	
Imperial St		100	F							0.107	F	0.636	100	F	2014	
Jackson Ave		400	F							0.11	F	0.516	420	F	2014	
Kent St		1000	F							0.093	F	0.609	1100	F	2014	
Kent St		4100	F							0.088	F	0.58	4300	F	2014	
Leicester St		360	F							0.125	F	0.755	380	F	2014	
Marion St		350	F							0.105	F	0.636	370	F	2014	
Massanutten Terrace		120	F							0.125	F	0.75	130	F	2014	
Miller St		420	F							0.108	F	0.520	450	F	2014	
Orchard Ave		170	F							0.117	F	0.581	180	F	2014	
Parkway St		800	F							0.102	F	0.607	860	F	2014	
Pennsylvania Ave		520	F							0.108	F	0.617	560	F	2014	
Peyton St		300	F							0.106	F	0.508	320	F	2014	
Pleasant Valley Rd		280	F							0.179	F	0.793	300	F	2014	
Purcell Ave		1800	F							0.175	F	0.534	1900	F	2014	
S Kent St		750	F							0.115	F	0.591	800	F	2014	

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						2Axle	3+Axle	1Trail	2Trail							
City of Winchester																
Saratoga Dr		530	F			From Dulles Circle				0.106	F	0.559	560	F	2014	
						To Lake Dr										
Shenandoah Ave		600	F			From Leicester St				0.095	F		640	F	2014	
						To Cork St										
Stewart St		7800	F			From Wolfe St				0.09	F	0.515	8300	F	2014	
						To Boscawen St										
Summit Ave		150	F			From 2Nd St				0.163	F	0.577	160	F	2014	
						To 1St Street										
Tennyson Ave		480	F			From Jefferson St				0.177	F	0.626	510	F	2014	
						To Leicester St										
Washington St		3100	F			From Boscawen St				0.094	F	0.562	3300	F	2014	
						To Amherst St										
Wentworth Dr		1100	F			From Applecroft Rd				0.109	F	0.550	1200	F	2014	
						To Beachcroft Rd										
Whitter Ave		880	F			From Wood Ave				0.103	F	0.803	940	F	2014	
						To Ridge Ave										
Wood Ave		550	F			From Whitter Ave				0.09	F	0.552	590	F	2014	
						To Lanny Dr										
Woodland Ave		660	F			From Pine St				0.108	F	0.54	710	F	2014	
						To Elm St										
Wyck St		3400	F			From Loudoun St				0.11	F	0.65	3600	F	2014	
						To Braddock St										