2017
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

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

US Route

Virginia State Route

Frontage Road (F precedes frontage route number)

Secondary Route

Special Routes

Bus - Business Route
Bypas - Bypass Route
Truck - Truck Route

ALT - Alternate Route
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 Maintainenance 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
2017
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Winchester

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
	From: US 50, US 522 Par, Braddock St															
7 (50P) (522) Boscawen St	City of Winchester	0.18	1600	F	99%	0%	1%	0%	0%	0%	C	0.094			1700	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			9800	F	99%	0%	1%	0%	0%	0%	F	0.091	F	0.525	10000	F
	To: US 11 Cameron St															
	From: Boscawen St															
7 (11) (11P) (50P) Cameron St	City of Winchester	0.17	7900	F	98%	1%	1%	0%	0%	0%	F	0.092		0.559	8400	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			14000	F	98%	1%	1%	0%	0%	0%	F	0.09	F	0.51	15000	F
	To: Piccadilly St															
	From: US 11 Cameron St															
7 Piccadilly St	City of Winchester	0.18	9600	F	97%	1%	1%	0%	2%	0%	F	0.09		0.511	10000	F
	To: East Lane															
	From: Piccadilly St															
7 East Lane	City of Winchester	0.02	8300	F	97%	1%	1%	0%	2%	0%	F	0.093		0.502	8800	F
	To: Fairfax Lane															
	From: Highland Ave															
7 National Ave	City of Winchester	0.32	9600	F	97%	1%	1%	0%	2%	0%	F	0.091		0.547	10000	F
	To: 138-5213 Pleasant Valley Rd															
	From:															
7 Berryville Ave	City of Winchester	0.79	25000	F	97%	1%	1%	0%	2%	0%	C	0.085		0.534	26000	F
	To: Ross St															
	From:															
7 Berryville Ave	City of Winchester (Maint: 34)	0.16	35000	F	97%	1%	1%	0%	2%	0%	F	0.084		0.578	37000	F
	To: I-81; ECL Winchester															
	From: US 50 Boscawen St															
7P (522P) (11P) (50P) Braddock St	City of Winchester	0.17	6000	F	98%	1%	1%	0%	0%	0%	F	0.088		0.601	6300	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			14000	F	98%	1%	1%	0%	0%	0%	F	0.09	F	0.51	15000	F
	To: Piccadilly St															
	From: Braddock St															
7P (50P) (522) Piccadilly St	City of Winchester	0.18	8200	F	99%	0%	1%	0%	0%	0%	F	0.091		0.624	8700	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			9800	F	99%	0%	1%	0%	0%	0%	F	0.091	F	0.525	10000	F
	To: SR 7 Cameron St															
	From: SCL Winchester															
11 Valley Ave	City of Winchester	1.37	13000	F	95%	0%	1%	1%	3%	0%	F	0.086		0.532	15000	F
	To: Middle Rd															
	From:															
11 Valley Ave	City of Winchester	0.12	19000	F	95%	0%	1%	1%	3%	0%	F	0.087		0.501	20000	F
	To: Weems Lane															
	From:															
11 Valley Ave	City of Winchester	0.67	15000	F	95%	0%	1%	1%	3%	0%	F	0.094		0.529	17000	F
	To: Jubal Early Dr															
	From:															
11 Valley Ave	City of Winchester	0.59	9100	F	95%	0%	1%	1%	3%	0%	F	0.093		0.501	9900	F
	To: US 11 Par Braddock St															
	From:															
11 Valley Ave	City of Winchester	0.09	1600	F	98%	0%	1%	0%	1%	0%	F	0.091			1700	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	F	98%	1%	1%	0%	0%	0%	F	0.091	F	0.55	11000	F
	To: Gerrard St															

Virginia Department of Transportation
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2017
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City of Winchester

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
	From: Valley Ave															
11 50 522 Gerrard St	City of Winchester	0.10	8700	F	98%	0%	1%	0%	1%	0%	F	0.085		0.577	9200	F
	To: Cameron St															
	From: US 50 Gerrard St															
11 11P 50P 522 Cameron St	City of Winchester	0.53	6600	F	98%	1%	1%	0%	0%	0%	C	0.091		0.545	7000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		13000	F	98%	1%	1%	0%	0%	0%	C	0.093	F	0.782	14000	F
	To: Boscawen St															
	From:															
11 11P 50P 522 Cameron St	City of Winchester	0.17	7900	F	98%	1%	1%	0%	0%	0%	F	0.092		0.559	8400	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		14000	F	98%	1%	1%	0%	0%	0%	F	0.09	F	0.51	15000	F
	To: Piccadilly St															
	From:															
11 Cameron St	City of Winchester	0.83	6300	F	98%	0%	1%	0%	1%	0%	C	0.094			6700	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		10000	F	97%	1%	1%	1%	1%	0%	C	0.094	F	0.76	11000	F
	To: US 11 Par, Loudoun St															
	From:															
11 Martinsburg Pike	City of Winchester	0.31	8400	F	98%	0%	1%	0%	1%	0%	F	0.091		0.544	8900	F
	To: NCL Winchester															
	From: US 11 Valley Ave															
11P Braddock St	City of Winchester	0.09	9100	F	98%	1%	1%	0%	0%	0%	F	0.099		0.618	9700	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		11000	F	98%	1%	1%	0%	0%	0%	F	0.091	F	0.55	11000	F
	To: Gerrard St															
	From:															
11P 50 50P 522 Braddock St	City of Winchester	0.53	6600	F	98%	1%	1%	0%	0%	0%	C	0.093			7000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		13000	F	98%	1%	1%	0%	0%	0%	C	0.093	F	0.782	14000	F
	To: Boscawen St															
	From:															
11P 522P 50P 522 Braddock St	City of Winchester	0.17	6000	F	98%	1%	1%	0%	0%	0%	F	0.088		0.601	6300	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		14000	F	98%	1%	1%	0%	0%	0%	F	0.09	F	0.51	15000	F
	To: Piccadilly St															
	From:															
11P Braddock St	City of Winchester	0.28	2200	F	98%	1%	1%	0%	0%	0%	C	0.097		0.542	2300	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		8500	F	98%	1%	1%	0%	0%	0%	C	NA			9000	F
	To: North Ave															
	From: Braddock St															
11P North Ave	City of Winchester	0.11	410	F	99%	0%	0%	0%	0%	0%	C	0.117		0.5	440	F
	Combined Traffic Estimates for Parallel Roadways on this Route:		NA									NA			NA	
	To: Loudoun St															
	From: North Ave															
11P Loudoun St	City of Winchester	0.18	2100	F	99%	1%	0%	0%	0%	0%	C	0.093		0.578	2200	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		8400	F	98%	1%	1%	0%	0%	0%	C	NA			8900	F
	To: Wyck St															
	From:															
11P Loudoun St	City of Winchester	0.36	3700	F	96%	1%	1%	1%	2%	0%	C	0.094		0.644	4000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		10000	F	97%	1%	1%	1%	1%	0%	C	0.094	F	0.76	11000	F
	To: US 11 Cameron St															

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Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
From: I-81																
17 50 522 Millwood Pike	City of Winchester	0.09	**33000**	**N**	98%	0%	1%	0%	1%	0%	N	0.087		0.501	35000	N
To: Jubal Early Dr																
From: US 50 Par, Millwood Ave																
17 50 522 Millwood Ave	City of Winchester	0.06	**33000**	**F**	98%	0%	1%	0%	1%	0%	C	0.087		0.501	35000	F
To: Apple Blossom Dr																
From: Jubal Early Dr																
17 50 522 Millwood Ave	City of Winchester	0.05	**14000**	**F**	98%	0%	1%	0%	1%	0%	F	0.088		0.505	15000	F
To: US 50 Par, Millwood Dr																
From: US 50 Par; Apple Blossom Dr																
17 50 522 Millwood Ave	City of Winchester	0.75	**12000**	**F**	98%	1%	1%	0%	0%	0%	F	0.087		0.55	13000	F
To: US 11 Cameron St																
From: WCL Winchester																
50 Amherst St	City of Winchester	0.64	**18000**	**F**	98%	1%	1%	0%	0%	0%	F	0.091		0.605	19000	F
To: Fox Dr																
From:																
50 Amherst St	City of Winchester	0.75	**14000**	**F**	98%	1%	1%	0%	0%	0%	C	0.087		0.510	15000	F
To: Boscawen St																
From: Amherst St																
50 Boscawen St	City of Winchester	0.37	**10000**	**F**	98%	1%	1%	0%	0%	0%	F	0.087		0.546	11000	F
To: Braddock St																
From: Boscawen St																
50 11P 50P 522 Braddock St	City of Winchester	0.53	**6600**	**F**	98%	1%	1%	0%	0%	0%	C	0.093			7000	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**13000**	**F**	98%	1%	1%	0%	0%	0%	C	0.093	F	0.782	14000	F
To: Gerrard St																
From: Braddock St																
50 522P Gerrard St	City of Winchester	0.07	**6700**	**F**	98%	1%	1%	0%	0%	0%	F	0.085		0.541	7200	F
To: Valley Ave																
From:																
50 11 522P Gerrard St	City of Winchester	0.10	**8700**	**F**	98%	0%	1%	0%	1%	0%	F	0.085		0.577	9200	F
To: US 11 Cameron St																
From:																
50 17 522 Millwood Ave	City of Winchester	0.75	**12000**	**F**	98%	1%	1%	0%	0%	0%	F	0.087		0.55	13000	F
To: University Drive																
From:																
50 17 522 Millwood Ave	City of Winchester	0.05	**14000**	**F**	98%	0%	1%	0%	1%	0%	F	0.088		0.505	15000	F
To: Jubal Early Dr																
From:																
50 17 522 Millwood Ave	City of Winchester	0.06	**33000**	**F**	98%	0%	1%	0%	1%	0%	C	0.087		0.501	35000	F
To: US 50 Par, Millwood Ave																
From: US 50 Par; Jubal Early Dr																
50 17 522 Millwood Pike	City of Winchester	0.09	**33000**	**N**	98%	0%	1%	0%	1%	0%	N	0.087		0.501	35000	N
To: I-81																
From: Boscawen St																
50P 522P 11P 522 Braddock St	City of Winchester	0.17	**6000**	**F**	98%	1%	1%	0%	0%	0%	F	0.088		0.601	6300	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**14000**	**F**	98%	1%	1%	0%	0%	0%	F	0.09	F	0.51	15000	F
To: Piccadilly St																

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	From: Braddock St															
50 P 7 P 522 Piccadilly St	City of Winchester	0.18	**8200**	**F**	99%	0%	1%	0%	0%	0%	F	0.091		0.624	8700	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**9800**	**F**	99%	0%	1%	0%	0%	0%	F	0.091	F	0.525	10000	F
	To: Cameron St															
	From: Piccadilly St															
50 P 11 11 P 522 Cameron St	City of Winchester	0.17	**7900**	**F**	98%	1%	1%	0%	0%	0%	F	0.092		0.559	8400	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**14000**	**F**	98%	1%	1%	0%	0%	0%	F	0.09	F	0.51	15000	F
	To: Boscawen St															
	From:															
50 P 11 11 P 522 Cameron St	City of Winchester	0.53	**6600**	**F**	98%	1%	1%	0%	0%	0%	C	0.091		0.545	7000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**13000**	**F**	98%	1%	1%	0%	0%	0%	C	0.093	F	0.782	14000	F
	To: US 50 Millwood Ave															
	From: SCL Winchester															
North 81	City of Winchester (Maint: 34)	0.07	**35000**	**A**	79%	1%	1%	1%	17%	1%	C	0.097			35000	A
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**69000**	**A**	79%	1%	1%	1%	17%	1%	C	0.093	A	0.502	69000	A
	To: NCL Winchester															
	From: SCL Winchester															
South 81	City of Winchester (Maint: 34)	0.07	**34000**	**A**	79%	1%	1%	1%	17%	1%	C	0.094			34000	A
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**69000**	**A**	79%	1%	1%	1%	17%	1%	C	0.093	A	0.502	69000	A
	To: NCL Winchester															
	From: I-81															
522 50 17 Millwood Pike	City of Winchester	0.09	**33000**	**N**	98%	0%	1%	0%	1%	0%	N	0.087		0.501	35000	N
	To: US 50 Par; Jubal Early Dr															
	From: US 50 Par, Millwood Ave															
522 50 17 Millwood Ave	City of Winchester	0.06	**33000**	**F**	98%	0%	1%	0%	1%	0%	C	0.087		0.501	35000	F
	To: Apple Blossom Dr															
	From: Jubal Early Dr															
522 50 17 Millwood Ave	City of Winchester	0.05	**14000**	**F**	98%	0%	1%	0%	1%	0%	F	0.088		0.505	15000	F
	To: US 50 Par, Millwood Dr															
	From: US 50 Par; Apple Blossom Dr															
522 50 17 Millwood Ave	City of Winchester	0.75	**12000**	**F**	98%	1%	1%	0%	0%	0%	F	0.087		0.55	13000	F
	To: US 11 Cameron St															
	From: Millwood Ave															
522 11 11 P 50 P Cameron St	City of Winchester	0.53	**6600**	**F**	98%	1%	1%	0%	0%	0%	C	0.091		0.545	7000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**13000**	**F**	98%	1%	1%	0%	0%	0%	C	0.093	F	0.782	14000	F
	To: Boscawen St															
	From:															
522 11 11 P 50 P Cameron St	City of Winchester	0.17	**7900**	**F**	98%	1%	1%	0%	0%	0%	F	0.092		0.559	8400	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**14000**	**F**	98%	1%	1%	0%	0%	0%	F	0.09	F	0.51	15000	F
	To: SR 7 Piccadilly St															
	From: US 11 Cameron St															
522 7 P 50 P Piccadilly St	City of Winchester	0.18	**8200**	**F**	99%	0%	1%	0%	0%	0%	F	0.091		0.624	8700	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**9800**	**F**	99%	0%	1%	0%	0%	0%	F	0.091	F	0.525	10000	F
	To: US 50, SR 7 Braddock St															

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Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
From: US 50, SR 7 Braddock St																
522 Piccadilly St	City of Winchester	0.19	**5200**	**F**	97%	1%	1%	0%	1%	0%	F	0.087		0.645	5500	F
To: Fairmont Ave																
From: Piccadilly St																
522 Fairmont Ave	City of Winchester	0.22	**5100**	**F**	97%	1%	1%	0%	1%	0%	F	0.101		0.581	5400	F
To: Commercial St																
From:																
522 Fairmont Ave	City of Winchester	0.55	**10000**	**F**	97%	1%	1%	0%	1%	0%	C	0.105		0.659	11000	F
To: NCL Winchester																
From: US 522, US 11 Cameron St																
522 Business 11 50 Gerrard St	City of Winchester	0.10	**8700**	**F**	98%	0%	1%	0%	1%	0%	F	0.085		0.577	9200	F
To: US 11 Valley Ave																
From:																
522 Business 50 Gerrard St	City of Winchester	0.07	**6700**	**F**	98%	1%	1%	0%	0%	0%	F	0.085		0.541	7200	F
To: Braddock St																
From: Gerrard St																
522 Business 50 11 Business 50 Braddock St	City of Winchester	0.53	**6600**	**F**	98%	1%	1%	0%	0%	0%	C	0.093			7000	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**13000**	**F**	98%	1%	1%	0%	0%	0%	C	0.093	F	0.782	14000	F
To: US 50 Boscawen St																
From:																
522 Business 11 Business 50 522 Braddock St	City of Winchester	0.17	**6000**	**F**	98%	1%	1%	0%	0%	0%	F	0.088		0.601	6300	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**14000**	**F**	98%	1%	1%	0%	0%	0%	F	0.09	F	0.51	15000	F
To: US 522 Piccadilly St																

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City of Winchester																
1 Woodstock Ln	0.63	**2300**	**F**	97%	1%	1%	1%	0%	0%	C	0.104		0.582	2500	F	2017
From: Pleasant Valley Rd																
To: ECL Winchester																
2 Fort Collier Dr	0.16	**7000**	**F**	91%	1%	1%	2%	5%	1%	C	0.088		0.508	7400	F	2017
From: Berryville Ave																
To: NCL Winchester																
3 Washington St	0.64	**2500**	**F**	99%	1%	0%	0%	0%	0%	C	0.099		0.602	2600	F	2017
From: Handley Blvd																
To: Piccadilly St																
4 Handley Blvd	0.08	**7300**	**F**	99%	1%	0%	0%	0%	0%	F	0.09		0.55	7700	F	2017
From: Braddock St																
To: Washington St																
5 Tevis Ave	0.21	**6900**	**F**	99%	0%	0%	0%	0%	0%	C	0.089		0.502	7300	F	2017
From: Valley Ave																
To: Cedarmeade Ave																
6 Cedarmeade Ave	0.55	**1300**	**F**	97%	2%	1%	0%	0%	0%	C	0.112		0.546	1400	F	2017
From: Tevis St																
To: Papermill Rd																
7 Jubal Early Dr	0.65	**6100**	**G**	99%	1%	0%	0%	0%	0%	F	0.095		0.55	6500	G	2017
From: Handley Ave																
To: US 11 Valley Avenue																
7 Jubal Early Dr	0.49	**22000**	**N**	99%	1%	0%	0%	0%	0%	N	0.088		0.525	23000	N	2017
From: Loudoun St																
To: US 50 Apple Blossom Dr																
7 Jubal Early Dr	0.49	**22000**	**G**	99%	1%	0%	0%	0%	0%	F	0.088		0.525	23000	G	2017
From: WCL Winchester																
To: Valley Ave																
5200 Cedar Creek Grade	0.52	**13000**	**F**	99%	0%	1%	0%	0%	0%	F	0.103		0.610	14000	F	2017
From: Valley Ave																
To: Papermill Rd																
5200 Weems Ln	0.50	**11000**	**F**	99%	0%	1%	0%	0%	0%	C	0.099		0.508	12000	F	2017
From: Valley Ave																
To: WCL Winchester																
5201 Middle Rd	1.01	**3900**	**F**	99%	1%	0%	0%	0%	0%	C	0.098		0.562	4200	F	2017
From: US 50 Amherst St																
To: NCL Winchester																
5203 Fox Dr	0.86	**4500**	**F**	99%	1%	1%	0%	0%	0%	C	0.102		0.581	4800	F	2017
From: US 11 Cameron St																
To: Kent St																
5204 Cork St	0.08	**8000**	**F**	98%	1%	1%	0%	0%	0%	F	0.095		0.522	8500	F	2017
From: Kent St																
To: 138-5213 Pleasant Valley Rd																
5204 Cork St	0.48	**9100**	**F**	98%	1%	1%	0%	0%	0%	F	0.092		0.557	9700	F	2017
From: 138-5213 Pleasant Valley Rd																
To: ECL Winchester																
5204 Cork St	0.44	**10000**	**F**	98%	1%	1%	0%	0%	0%	C	0.096		0.552	11000	F	2017
From: Fairmont Ave																
To: Cameron St																
5206 Commercial St	0.29	**2700**	**F**	96%	1%	1%	1%	1%	0%	C	0.103		0.650	2900	F	2017
From: SCL Winchester																
To: Papermill Rd																
5207 Shawnee Dr	0.67	**4900**	**F**	94%	1%	1%	1%	3%	0%	C	0.099		0.583	5200	F	2017
From: SECL Winchester																
To: Pleasant Valley Rd																
5209 Papermill Rd	0.86	**9700**	**F**	98%	1%	1%	0%	0%	0%	F	0.101		0.505	10000	F	2017
From: Pleasant Valley Rd																
To: Weems Lane																
5209 Papermill Rd	0.64	**6400**	**F**	98%	1%	1%	0%	0%	0%	F	0.103		0.537	6800	F	2017

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City of Winchester																
			From: Weems Lane													
(5209) Loudoun St	0.43	**13000**	**F**	98%	1%	1%	0%	0%	0%	C	0.094		0.557	14000	F	2017
			To: Jubal Early Dr													
			From:													
(5209) Loudoun St	0.72	**5200**	**F**	98%	1%	1%	0%	0%	0%	F	0.096		0.523	5500	F	2017
			To: Gerrard St													
			From: Papermill Rd													
(5213) Pleasant Valley Rd	1.22	**21000**	**F**	99%	0%	1%	0%	1%	0%	C	0.089		0.507	23000	F	2017
			To: Jubal Early Drive													
			From:													
(5213) Pleasant Valley Rd	0.36	**25000**	**F**	99%	0%	1%	0%	1%	0%	F	0.089		0.5	27000	F	2017
			To: Millwood Ave													
			From:													
(5213) Pleasant Valley Rd	0.91	**22000**	**F**	99%	0%	1%	0%	1%	0%	F	0.087		0.513	24000	F	2017
			To: Cork St													
			From:													
(5213) Pleasant Valley Rd	0.36	**17000**	**F**	99%	0%	1%	0%	1%	0%	F	0.085		0.516	19000	F	2017
			To: Berryville Ave													
			From: National Ave													
(5221) Smithfield Ave	0.63	**1800**	**F**	95%	2%	2%	0%	0%	0%	C	0.092		0.522	1900	F	2017
			To: NCL Winchester													
			From: Summit Ave													
2nd St		**150**	**F**								0.130		0.605	160	F	2017
			To: Papermill Rd													
			From: Boscawen St													
Amherst St		**5000**	**F**								0.092		0.657	5300	F	2017
			To: Braddock St													
			From: Shawnee Dr													
Battaile Dr		**690**	**F**								0.124		0.516	730	F	2017
			To: SCL Winchester													
			From: Wentworth Dr													
Beechcroft Rd		**220**	**F**								0.11		0.593	240	F	2017
			To: Oakwood Ct													
			From: Valley Ave													
Bellview Ave		**880**	**F**								0.103		0.559	940	F	2017
			To: Lewis St													
			From: Loudoun St													
Bond St		**300**	**F**								0.094		0.590	320	F	2017
			To: Cameron St													
			From: Jackson Ave													
Braddock St		**780**	**F**								0.081		0.562	830	F	2017
			To: Locust Ave													
			From: Ridge Ave													
Branner Ave		**330**	**F**								0.114		0.61	350	F	2017
			To: Isaac St													
			From: Green St													
Butler Ave		**210**	**F**								0.121		0.885	220	F	2017
			To: Beau St													
			From: Old Fort Rd													
Caroline St		**270**	**F**								0.128		0.5	290	F	2017
			To: Marion St													
			From: Whitlock Ave													
Commerce St		**680**	**F**								0.103		0.609	720	F	2017
			To: Southwerk St													
			From: Bruce St													
Dunlap St		**150**	**F**								0.114		0.541	160	F	2017
			To: WCL Winchester													
			From: S Loudoun St													
E Southwerk St		**1600**	**F**								0.103		0.687	1700	F	2017
			To: S Cameron St													

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City of Winchester																
		From: Frederick Ave														
Elm St		**3100**	**F**								0.101		0.569	3300	F	2017
		To: Woodland Ave														
		From: Grove St														
Euclid Ave		**250**	**F**								0.111		0.517	270	F	2017
		To: Woodstock Lane														
		From: S.Loudoun St														
Glaize Ave		**230**	**F**								0.128		0.508	240	F	2017
		To: Dead End														
		From: Whitlock Ave														
Handley Ave		**540**	**F**								0.143		0.524	570	F	2017
		To: Sheridan Ave														
		From: Papermill Rd														
Imperial St		**150**	**F**								0.094		0.567	160	F	2017
		To: Superior Ave														
		From: Braddock St														
Jackson Ave		**400**	**F**								0.108		0.592	430	F	2017
		To: Pennsylvania Ave														
		From: Beau St														
Kent St		**990**	**F**								0.099		0.571	1000	F	2017
		To: WCL Winchester														
		From: Boscawen St														
Kent St		**3800**	**F**								0.099		0.569	4000	F	2017
		To: Philpot St														
		From: Parkway St														
Leicester St		**390**	**F**								0.097		0.580	410	F	2017
		To: Shawnee Ave														
		From: Branner Ave														
Marion St		**280**	**F**								0.105		0.561	300	F	2017
		To: Caroline St														
		From: Hockman Ave														
Massanutten Terrace		**150**	**F**								0.154		0.583	160	F	2017
		To: Middle Rd														
		From: Handley Ave														
Miller St		**340**	**F**								0.118		0.577	360	F	2017
		To: Masters Ln														
		From: Elm St														
Orchard Ave		**150**	**F**								0.103		0.606	160	F	2017
		To: ECL Winchester														
		From: Pall Mall St														
Parkway St		**1800**	**F**								0.1		0.535	1900	F	2017
		To: Leicester St														
		From: Richards Ave														
Pennsylvania Ave		**480**	**F**								0.101		0.518	510	F	2017
		To: Jackson Ave														
		From: Fairmont Ave														
Peyton St		**310**	**F**								0.113		0.554	320	F	2017
		To: Braddock St														
		From: Dead End														
Pleasant Valley Rd		**200**	**F**								0.162		0.764	210	F	2017
		To: Papermill Rd														
		From: Cork St														
Purcell Ave		**1900**	**F**								0.155		0.519	2000	F	2017
		To: Grove St														
		From: E Bond St														
S Kent St		**750**	**F**								0.109		0.6	800	F	2017
		To: Southwerk St														

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City of Winchester																
		From: Dulles Circle														
Saratoga Dr		**540**	**F**								0.109		0.554	570	F	2017
		To: Lake Dr														
		From: Leicester St														
Shenandoah Ave		**650**	**F**								0.081			690	F	2017
		To: Cork St														
		From: Wolfe St														
Stewart St		**6800**	**F**								0.092		0.521	7300	F	2017
		To: Boscawen St														
		From: 2Nd St														
Summit Ave		**170**	**F**								0.108		0.512	180	F	2017
		To: 1St Street														
		From: Jefferson St														
Tennyson Ave		**320**	**F**								0.142		0.529	340	F	2017
		To: Leicester St														
		From: Boscawen St														
Washington St		**3100**	**F**								0.099		0.537	3300	F	2017
		To: Amherst St														
		From: Applecroft Rd														
Wentworth Dr		**1200**	**F**								0.113		0.503	1300	F	2017
		To: Beechcroft Rd														
		From: Wood Ave														
Whitter Ave		**950**	**F**								0.113		0.658	1000	F	2017
		To: Ridge Ave														
		From: Whitter Ave														
Wood Ave		**540**	**F**								0.091		0.660	580	F	2017
		To: Lanny Dr														
		From: Pine St														
Woodland Ave		**770**	**F**								0.101		0.557	820	F	2017
		To: Elm St														
		From: Loudoun St														
Wyck St		**3400**	**F**								0.099		0.639	3700	F	2017
		To: Braddock St														