2020
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

The reported 2020 AADTs represent the best estimate of 2020 average daily traffic, however, this year's AADTs do vary from normal traffic in the years prior to 2020 due to COVID-19. The reported AADTs may not represent typical traffic for a given day or period within the year as the drastic seasonal variations were normalized through the factoring process. The 2020 publications are therefore colored to draw users attention to the fact that uses of the 2020 published estimates versus alternative data sources should be determined at users' discretion based on the objectives or nature of the analyses being performed.

The estimated 2020 DVMT for the entire state maintained network total to 208,000,000, which has trended down by 11 percent compared to the 2019 level of 234,000,000. For most traffic links across the state, the estimated 2020 AADTs are also seen to have decreased from their 2019 levels.

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.

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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 buses.

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
2020
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	**1200**	F	97%	0%	1%	1%	1%	0%	F	0.102	F		1300	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**8500**	F	98%	0%	1%	0%	0%	0%	F	0.091	F	0.525	9000	F
To: US 11 Cameron St																
From: Boscawen St																
7 (11) (11P) (50P) Cameron St	City of Winchester	0.17	**5700**	F	98%	1%	1%	0%	0%	0%	F	0.088	F	0.643	6000	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**11000**	F	98%	1%	1%	0%	0%	0%	F	0.088	F	0.504	11000	F
To: Piccadilly St																
From: US 11 Cameron St																
7 Piccadilly St	City of Winchester	0.18	**8600**	F	96%	1%	1%	1%	2%	0%	F	0.095	F	0.543	9200	F
To: East Lane																
From: Piccadilly St																
7 East Lane	City of Winchester	0.02	**7900**	F	96%	1%	1%	1%	2%	0%	C	0.097	F	0.515	8400	F
To: Fairfax Lane																
From: Highland Ave																
7 National Ave	City of Winchester	0.32	**8200**	F								0.092	F	0.571	8700	F
To: 138-5213 Pleasant Valley Rd																
From:																
7 Berryville Ave	City of Winchester	0.79	**21000**	F	99%	0%	1%	0%	0%	0%	C	0.087	F	0.538	22000	F
To: Ross St																
From:																
7 Berryville Ave	City of Winchester (Maint: 34)	0.16	**28000**	G	96%	1%	1%	1%	2%	0%	F	0.084	F	0.578	30000	G
To: I-81; ECL Winchester																
From: US 50 Boscawen St																
7P (522P) (11P) (50P) Braddock St	City of Winchester	0.17	**5100**	F	98%	1%	1%	0%	0%	0%	F	0.089	F	0.670	5400	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**11000**	F	98%	1%	1%	0%	0%	0%	F	0.088	F	0.504	11000	F
To: Piccadilly St																
From: Braddock St																
7P (50P) (522) Piccadilly St	City of Winchester	0.18	**7300**	F	99%	0%	1%	0%	0%	0%	C	0.096	F	0.630	7800	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**8500**	F	98%	0%	1%	0%	0%	0%	F	0.091	F	0.525	9000	F
To: SR 7 Cameron St																
From: SCL Winchester																
11 Valley Ave	City of Winchester	1.37	**12000**	F	98%	1%	1%	0%	0%	0%	F	0.089	F	0.536	13000	F
To: Middle Rd																
From:																
11 Valley Ave	City of Winchester	0.12	**17000**	F	97%	0%	1%	0%	1%	0%	F	0.091	F	0.512	18000	F
To: Weems Lane																
From:																
11 Valley Ave	City of Winchester	0.67	**13000**	F	96%	1%	1%	1%	2%	0%	F	0.092	F	0.509	15000	F
To: Jubal Early Dr																
From:																
11 Valley Ave	City of Winchester	0.59	**7900**	F	94%	1%	1%	1%	4%	0%	F	0.093	F	0.503	8700	F
To: US 11 Par Braddock St																
From:																
11 Valley Ave	City of Winchester	0.09	**1400**	F	97%	1%	1%	1%	1%	0%	F	0.087	F		1400	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**9300**	F	97%	1%	1%	0%	0%	0%	F	0.091	F	0.55	9800	F
To: Gerrard St																

Virginia Department of Transportation
Traffic Engineering Division
2020
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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	6900	F	97%	1%	1%	1%	1%	0%	F	0.085	F	0.56	7200	F
	To: Cameron St															
	From: US 50 Gerrard St															
11 11 50 522 Cameron St	City of Winchester	0.53	5100	F	98%	1%	1%	0%	0%	0%	C	0.09	F	0.550	5400	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	F	98%	1%	1%	0%	0%	0%	C	0.093	F	0.817	11000	F
	To: Boscawen St															
	From:															
11 11 50 50 Cameron St	City of Winchester	0.17	5700	F	98%	1%	1%	0%	0%	0%	F	0.088	F	0.643	6000	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	F	98%	1%	1%	0%	0%	0%	F	0.088	F	0.504	11000	F
	To: Piccadilly St															
	From:															
11 Cameron St	City of Winchester	0.83	4600	F	97%	1%	1%	0%	0%	0%	C	0.099	F		4900	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			8200	F	97%	1%	1%	0%	1%	0%	F	0.092	F	0.732	8700	F
	To: US 11 Par, Loudoun St															
	From:															
11 Martinsburg Pike	City of Winchester	0.31	7100	F	97%	1%	1%	1%	1%	0%	F	0.092	F	0.548	7500	F
	To: NCL Winchester															
	From: US 11 Valley Ave															
11 Braddock St	City of Winchester	0.09	7900	F	97%	1%	1%	0%	0%	0%	F	0.096	F	0.645	8400	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			9300	F	97%	1%	1%	0%	0%	0%	F	0.091	F	0.55	9800	F
	To: Gerrard St															
	From:															
11 50 50 522 Braddock St	(Maint: 138)	0.53	5600	F	98%	1%	1%	0%	0%	0%	C	0.098	F		5900	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	F	98%	1%	1%	0%	0%	0%	C	0.093	F	0.817	11000	F
	To: Boscawen St															
	From:															
11 522 50 50 Braddock St	City of Winchester	0.17	5100	F	98%	1%	1%	0%	0%	0%	F	0.089	F	0.670	5400	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	F	98%	1%	1%	0%	0%	0%	F	0.088	F	0.504	11000	F
	To: Piccadilly St															
	From:															
11 Braddock St	City of Winchester	0.28	1900	F	98%	0%	1%	0%	0%	0%	C	0.099	F	0.586	2100	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			6500	F	98%	1%	1%	0%	0%	0%	C	NA			6900	F
	To: North Ave															
	From: Braddock St															
11 North Ave	City of Winchester	0.11	360	F	94%	1%	1%	1%	4%	0%	F	0.116	F	0.533	380	F
Combined Traffic Estimates for Parallel Roadways on this Route:			NA									NA			NA	
	To: Loudoun St															
	From: North Ave															
11 Loudoun St	City of Winchester	0.18	2100	F	94%	1%	1%	1%	4%	0%	F	0.096	F	0.713	2300	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			6700	F	96%	1%	1%	0%	1%	0%	F	NA			7100	F
	To: Wyck St															
	From:															
11 Loudoun St	City of Winchester	0.36	3600	F	96%	1%	1%	1%	2%	0%	F	0.092	F	0.645	3800	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			8200	F	97%	1%	1%	0%	1%	0%	F	0.092	F	0.732	8700	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: ECL Winchester															
17 50 522 Millwood Pike	City of Winchester (Maint: 34)	0.09	**15000**	**N**	95%	1%	1%	1%	2%	0%	N	0.096	F	0.598	16000	N
	To: I-81															
	From:															
17 50 522 Millwood Pike		0.02	**27000**	**N**	98%	0%	1%	0%	1%	0%	N	0.087	F	0.501	29000	N
	To: Jubal Early Dr															
	From: US 50 Par, Millwood Ave															
17 50 522 Millwood Ave	City of Winchester	0.13	**27000**	**G**	98%	0%	1%	0%	1%	0%	C	0.087	F	0.501	29000	G
	To: Apple Blossom Dr															
	From: Jubal Early Dr															
17 50 522 Millwood Ave	City of Winchester	0.05	**12000**	**F**	94%	1%	1%	1%	4%	0%	F	0.086	F	0.501	13000	F
	To: US 50 Par, Millwood Dr															
	From: US 50 Par; Apple Blossom Dr															
17 50 522 Millwood Ave	City of Winchester	0.75	**9600**	**F**	97%	0%	1%	0%	1%	0%	F	0.086	F	0.547	10000	F
	To: US 11 Cameron St															
	From: WCL Winchester															
50 Amherst St	City of Winchester	0.64	**16000**	**F**	98%	1%	1%	0%	0%	0%	F	0.093	F	0.648	17000	F
	To: Fox Dr															
50 Amherst St	City of Winchester	0.75	**12000**	**F**	98%	1%	1%	0%	0%	0%	C	0.091	F	0.552	13000	F
	To: Boscawen St															
	From: Amherst St															
50 Boscawen St	City of Winchester	0.37	**8400**	**F**	98%	1%	1%	0%	0%	0%	F	0.087	F	0.523	8900	F
	To: Braddock St															
	From: Boscawen St															
50 11 P 50 P 522 Braddock St	City of Winchester	0.53	**5600**	**F**	98%	1%	1%	0%	0%	0%	C	0.098	F		5900	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**11000**	**F**	98%	1%	1%	0%	0%	0%	C	0.093	F	0.817	11000	F
	To: Gerrard St															
	From: Braddock St															
50 522 P Gerrard St	City of Winchester	0.07	**5500**	**F**	98%	1%	1%	0%	0%	0%	F	0.086	F	0.514	5800	F
	To: Valley Ave															
	From:															
50 11 522 P Gerrard St	City of Winchester	0.10	**6900**	**F**	97%	1%	1%	1%	1%	0%	F	0.085	F	0.56	7200	F
	To: US 11 Cameron St															
	From:															
50 17 522 Millwood Ave	City of Winchester	0.75	**9600**	**F**	97%	0%	1%	0%	1%	0%	F	0.086	F	0.547	10000	F
	To: University Drive															
	From:															
50 17 522 Millwood Ave	City of Winchester	0.05	**12000**	**F**	94%	1%	1%	1%	4%	0%	F	0.086	F	0.501	13000	F
	To: Jubal Early Dr															
	From:															
50 17 522 Millwood Ave	City of Winchester	0.13	**27000**	**G**	98%	0%	1%	0%	1%	0%	C	0.087	F	0.501	29000	G
	To: US 50 Par, Millwood Ave															
	From: US 50 Par; Jubal Early Dr															
50 17 522 Millwood Pike	City of Winchester	0.02	**27000**	**N**	98%	0%	1%	0%	1%	0%	N	0.087	F	0.501	29000	N
	To: I-81															
	From:															
50 17 522 Millwood Pike	City of Winchester (Maint: 34)	0.09	**15000**	**N**	95%	1%	1%	1%	2%	0%	N	0.096	F	0.598	16000	N
	To: ECL Winchester															

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	From: Boscawen St															
50P 522P 11P 522 Braddock St	City of Winchester	0.17	**5100**	**F**	98%	1%	1%	0%	0%	0%	F	0.089	F	0.670	5400	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**11000**	**F**	98%	1%	1%	0%	0%	0%	F	0.088	F	0.504	11000	F
	To: Piccadilly St															
	From: Braddock St															
50P 7P 522 Piccadilly St	City of Winchester	0.18	**7300**	**F**	99%	0%	1%	0%	0%	0%	C	0.096	F	0.630	7800	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**8500**	**F**	98%	0%	1%	0%	0%	0%	F	0.091	F	0.525	9000	F
	To: Cameron St															
	From: Piccadilly St															
50P 11 11P 522 Cameron St	City of Winchester	0.17	**5700**	**F**	98%	1%	1%	0%	0%	0%	F	0.088	F	0.643	6000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**11000**	**F**	98%	1%	1%	0%	0%	0%	F	0.088	F	0.504	11000	F
	To: Boscawen St															
	From:															
50P 11 11P 522 Cameron St	City of Winchester	0.53	**5100**	**F**	98%	1%	1%	0%	0%	0%	C	0.09	F	0.550	5400	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**11000**	**F**	98%	1%	1%	0%	0%	0%	C	0.093	F	0.817	11000	F
	To: US 50 Millwood Ave															
	From: SCL Winchester															
North 81	City of Winchester (Maint: 34)	0.07	**32000**	**F**	75%	1%	1%	1%	20%	2%	C	0.09	B		32000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**63000**	**F**	76%	1%	1%	1%	20%	2%	C	0.087	B	0.545	64000	F
	To: NCL Winchester															
	From: SCL Winchester															
South 81	City of Winchester (Maint: 34)	0.07	**31000**	**F**	76%	1%	1%	1%	19%	2%	C	0.086	B		32000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**63000**	**F**	76%	1%	1%	1%	20%	2%	C	0.087	B	0.545	64000	F
	To: NCL Winchester															
	From: ECL Winchester															
522 50 17 Millwood Pike	City of Winchester (Maint: 34)	0.09	**15000**	**N**	95%	1%	1%	1%	2%	0%	N	0.096	F	0.598	16000	N
	To: I-81															
522 50 17 Millwood Pike	From:	0.02	**27000**	**N**	98%	0%	1%	0%	1%	0%	N	0.087	F	0.501	29000	N
	To: US 50 Par; Jubal Early Dr															
	From: US 50 Par, Millwood Ave															
522 50 17 Millwood Ave	City of Winchester	0.13	**27000**	**G**	98%	0%	1%	0%	1%	0%	C	0.087	F	0.501	29000	G
	To: Apple Blossom Dr															
	From: Jubal Early Dr															
522 50 17 Millwood Ave	City of Winchester	0.05	**12000**	**F**	94%	1%	1%	1%	4%	0%	F	0.086	F	0.501	13000	F
	To: US 50 Par, Millwood Dr															
	From: US 50 Par; Apple Blossom Dr															
522 50 17 Millwood Ave	City of Winchester	0.75	**9600**	**F**	97%	0%	1%	0%	1%	0%	F	0.086	F	0.547	10000	F
	To: US 11 Cameron St															
	From: Millwood Ave															
522 11 11P 50P Cameron St	City of Winchester	0.53	**5100**	**F**	98%	1%	1%	0%	0%	0%	C	0.09	F	0.550	5400	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**11000**	**F**	98%	1%	1%	0%	0%	0%	C	0.093	F	0.817	11000	F
	To: Boscawen St															
	From:															
522 11 11P 50P Cameron St	City of Winchester	0.17	**5700**	**F**	98%	1%	1%	0%	0%	0%	F	0.088	F	0.643	6000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**11000**	**F**	98%	1%	1%	0%	0%	0%	F	0.088	F	0.504	11000	F
	To: SR 7 Piccadilly St															

Virginia Department of Transportation
Traffic Engineering Division
2020
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 11 Cameron St																
522 7P 50P Piccadilly St	City of Winchester	0.18	**7300**	**F**	99%	0%	1%	0%	0%	0%	C	0.096	F	0.630	7800	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**8500**	**F**	98%	0%	1%	0%	0%	0%	F	0.091	F	0.525	9000	F
To: US 50, SR 7 Braddock St																
From:																
522 Piccadilly St	City of Winchester	0.19	**4700**	**F**	98%	1%	1%	0%	0%	0%	F	0.103	F	0.644	5000	F
To: Fairmont Ave																
From: Piccadilly St																
522 Fairmont Ave	City of Winchester	0.22	**5000**	**F**	97%	1%	1%	1%	1%	0%	C	0.102	F	0.559	5300	F
To: Commercial St																
From:																
522 Fairmont Ave	City of Winchester	0.55	**9800**	**F**	96%	1%	1%	0%	1%	0%	C	0.096	F	0.646	10000	F
To: NCL Winchester																
From: US 522, US 11 Cameron St																
522P 11 50 Gerrard St	City of Winchester	0.10	**6900**	**F**	97%	1%	1%	1%	1%	0%	F	0.085	F	0.56	7200	F
To: US 11 Valley Ave																
From:																
522P 50 Gerrard St	City of Winchester	0.07	**5500**	**F**	98%	1%	1%	0%	0%	0%	F	0.086	F	0.514	5800	F
To: Braddock St																
From: Gerrard St																
522P 50P 11P 50P Braddock St	(Maint: 138)	0.53	**5600**	**F**	98%	1%	1%	0%	0%	0%	C	0.098	F		5900	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**11000**	**F**	98%	1%	1%	0%	0%	0%	C	0.093	F	0.817	11000	F
To: US 50 Boscawen St																
From:																
522P 11P 50P 50P Braddock St	City of Winchester	0.17	**5100**	**F**	98%	1%	1%	0%	0%	0%	F	0.089	F	0.670	5400	F
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**11000**	**F**	98%	1%	1%	0%	0%	0%	F	0.088	F	0.504	11000	F
To: US 522 Piccadilly St																

Virginia Department of Transportation
Traffic Engineering Division
2020
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Winchester

Route	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Winchester																
1 Woodstock Ln	0.63	**1900**	**F**	95%	2%	1%	2%	0%	0%	C	0.104	F	0.608	2000	F	2020
From: Pleasant Valley Rd																
To: ECL Winchester																
2 Fort Collier Dr		**5700**	**G**	91%	1%	1%	2%	5%	1%	C	0.088	F	0.508	6100	G	2020
From: Berryville Ave																
To: NCL Winchester																
3 Washington St	0.64	**2300**	**F**	99%	0%	0%	0%	0%	0%	C	0.094	F	0.529	2400	F	2020
From: Handley Blvd																
To: Piccadilly St																
4 Handley Blvd	0.08	**6100**	**F**	99%	0%	0%	0%	0%	0%	F	0.094	F	0.523	6400	F	2020
From: Braddock St																
To: Washington St																
5 Tevis Ave	0.21	**5800**	**F**	99%	0%	1%	0%	0%	0%	C	0.091	F	0.536	6100	F	2020
From: Valley Ave																
To: Cedarmeade Ave																
6 Cedarmeade Ave	0.55	**1700**	**F**	97%	2%	1%	0%	0%	0%	C	0.108	F	0.507	1800	F	2020
From: Tevis St																
To: Papermill Rd																
7 Jubal Early Dr		**8100**	**F**	98%	0%	1%	0%	1%	0%	C	0.089	F	0.518	8600	F	2020
From: Handley Ave																
To: US 11 Valley Avenue																
7 Jubal Early Dr		**19000**	**N**	98%	1%	1%	1%	0%	0%	N	0.082	F	0.507	20000	N	2020
From: Loudoun St																
7 Jubal Early Dr	0.49	**19000**	**F**	98%	1%	1%	1%	0%	0%	F	0.082	F	0.507	20000	F	2020
To: US 50 Apple Blossom Dr																
5200 Cedar Creek Grade	0.52	**12000**	**F**	99%	0%	1%	0%	0%	0%	F	0.106	F	0.604	12000	F	2020
From: WCL Winchester																
To: Valley Ave																
5200 Weems Ln	0.50	**9700**	**F**	99%	0%	1%	0%	0%	0%	C	0.096	F	0.524	10000	F	2020
From: Papermill Rd																
To: Valley Ave																
5201 Middle Rd	1.01	**3300**	**F**	99%	0%	1%	0%	0%	0%	C	0.102	F	0.559	3400	F	2020
From: WCL Winchester																
To: US 50 Amherst St																
5203 Fox Dr	0.86	**3800**	**F**	98%	1%	1%	0%	0%	0%	C	0.101	F	0.569	4000	F	2020
From: NCL Winchester																
To: US 11 Cameron St																
5204 Cork St	0.08	**6900**	**F**	98%	1%	1%	0%	0%	0%	F	0.095	F	0.543	7300	F	2020
From: Kent St																
5204 Cork St	0.48	**7600**	**F**	98%	1%	1%	0%	0%	0%	F	0.096	F	0.602	8000	F	2020
To: 138-5213 Pleasant Valley Rd																
From: ECL Winchester																
5204 Cork St	0.44	**9600**	**F**	98%	1%	1%	0%	0%	0%	C	0.102	F	0.568	10000	F	2020
To: Fairmont Ave																
5206 Commercial St	0.29	**3000**	**F**	99%	0%	1%	0%	0%	0%	F	0.103	F	0.634	3200	F	2020
From: SCL Winchester																
To: Cameron St																
5207 Shawnee Dr	0.67	**4300**	**F**	95%	1%	1%	1%	2%	0%	C	0.1	F	0.568	4500	F	2020
From: SECL Winchester																
To: Papermill Rd																
5209 Papermill Rd	0.86	**8600**	**F**	96%	0%	1%	1%	1%	0%	C	0.098	F	0.518	9100	F	2020
From: Pleasant Valley Rd																
To: Weems Lane																
5209 Papermill Rd	0.64	**5700**	**F**	98%	1%	1%	0%	0%	0%	F	0.108	F	0.548	6000	F	2020

Virginia Department of Transportation
Traffic Engineering Division
2020
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Winchester

Route	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Winchester																
5209 Loudoun St		**11000**	**F**	98%	1%	1%	0%	0%	0%	C	0.101	F	0.519	12000	F	2020
From: Weems Lane																
To: Jubal Early Dr																
5209 Loudoun St		**4400**	**F**	98%	1%	1%	0%	0%	0%	F	0.096	F	0.544	4700	F	2020
From: Jubal Early Dr																
To: Gerrard St																
5213 Pleasant Valley Rd	1.22	**18000**	**F**	98%	0%	1%	0%	1%	0%	C	0.089	F	0.501	19000	F	2020
From: Papermill Rd																
To: Jubal Early Drive																
5213 Pleasant Valley Rd	0.36	**20000**	**F**	98%	0%	1%	0%	1%	0%	F	0.087	F	0.505	22000	F	2020
From: Jubal Early Drive																
To: Millwood Ave																
5213 Pleasant Valley Rd	0.91	**18000**	**F**	98%	0%	1%	0%	1%	0%	F	0.087	F	0.528	19000	F	2020
From: Millwood Ave																
To: Cork St																
5213 Pleasant Valley Rd	0.36	**14000**	**F**	98%	0%	1%	0%	1%	0%	F	0.084	F	0.526	15000	F	2020
From: Cork St																
To: Berryville Ave																
5221 Smithfield Ave	0.63	**1500**	**F**	94%	2%	2%	1%	1%	0%	C	0.091	F	0.506	1500	F	2020
From: National Ave																
To: NCL Winchester																
2nd St		**100**	**F**								0.171	F	0.619	110	F	2020
From: Summit Ave																
To: Papermill Rd																
Amherst St		**4600**	**F**								0.088	F	0.657	4900	F	2020
From: Boscawen St																
To: Braddock St																
Battaile Dr		**820**	**F**								0.126	F	0.555	870	F	2020
From: Shawnee Dr																
To: SCL Winchester																
Beechcroft Rd		**150**	**F**								0.115	F	0.571	150	F	2020
From: Wentworth Dr																
To: Oakwood Ct																
Bellview Ave		**640**	**F**								0.114	F	0.578	670	F	2020
From: Valley Ave																
To: Lewis St																
Bond St		**220**	**F**								0.132	F	0.521	240	F	2020
From: Loudoun St																
To: Cameron St																
Braddock St		**580**	**F**								0.103	F	0.54	610	F	2020
From: Jackson Ave																
To: Locust Ave																
Branner Ave		**230**	**F**								0.106	F	0.871	240	F	2020
From: Ridge Ave																
To: Isaac St																
Butler Ave		**210**	**F**								0.127	F	0.6	220	F	2020
From: Green St																
To: Beau St																
Caroline St		**210**	**F**								0.131	F	0.514	220	F	2020
From: Old Fort Rd																
To: Marion St																
Commerce St		**550**	**F**								0.110	F	0.656	580	F	2020
From: Whitlock Ave																
To: Southwerk St																
Dunlap St		**180**	**F**								0.138	F	0.525	190	F	2020
From: Bruce St																
To: WCL Winchester																
E Southwerk St		**1500**	**F**								0.106	F	0.644	1600	F	2020
From: S Loudoun St																
To: S Cameron St																

Virginia Department of Transportation
Traffic Engineering Division
2020
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Winchester

Route	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Winchester																
Elm St	2700		F								0.097	F	0.595	2900	F	2020
From: Frederick Ave																
To: Woodland Ave																
Euclid Ave	180		F								0.122	F	0.571	190	F	2020
From: Grove St																
To: Woodstock Lane																
Glaize Ave	220		F								0.101	F	0.571	230	F	2020
From: S.Loudoun St																
To: Dead End																
Handley Ave	500		F								0.140	F	0.598	530	F	2020
From: Whitlock Ave																
To: Sheridan Ave																
Imperial St	120		F								0.144	F	0.698	130	F	2020
From: Papermill Rd																
To: Superior Ave																
Jackson Ave	330		F								0.112	F	0.523	340	F	2020
From: Braddock St																
To: Pennsylvania Ave																
Kent St	980		F								0.097	F	0.6	1000	F	2020
From: Beau St																
To: WCL Winchester																
Kent St	3100		F								0.11	F	0.595	3200	F	2020
From: Boscawen St																
To: Philpot St																
Leicester St	290		F								0.101	F	0.521	310	F	2020
From: Parkway St																
To: Shawnee Ave																
Marion St	210		F								0.135	F	0.657	220	F	2020
From: Branner Ave																
To: Caroline St																
Massanutten Terrace	130		F								0.126	F	0.682	140	F	2020
From: Hockman Ave																
To: Middle Rd																
Miller St	280		F								0.094	F	0.539	290	F	2020
From: Handley Ave																
To: Masters Ln																
Orchard Ave	120		F								0.114	F	0.513	130	F	2020
From: Elm St																
To: ECL Winchester																
Parkway St	1600		F								0.099	F	0.674	1700	F	2020
From: Pall Mall St																
To: Leicester St																
Pennsylvania Ave	390		F								0.095	F	0.5	410	F	2020
From: Richards Ave																
To: Jackson Ave																
Peyton St	230		F								0.124	F	0.581	250	F	2020
From: Fairmont Ave																
To: Braddock St																
Pleasant Valley Rd	290		F								0.126	F	0.510	300	F	2020
From: Dead End																
To: Papermill Rd																
Purcell Ave	1500		F								0.166	F	0.512	1600	F	2020
From: Cork St																
To: Grove St																
S Kent St	610		F								0.114	F	0.661	640	F	2020
From: E Bond St																
To: Southwerk St																

Virginia Department of Transportation
Traffic Engineering Division
2020
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Winchester

Route	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Winchester																
	From: Dulles Circle															
Saratoga Dr		**530**	**F**								0.121	F	0.556	560	F	2020
	To: Lake Dr															
	From: Leicester St															
Shenandoah Ave		**540**	**F**								0.105	F		570	F	2020
	To: Cork St															
	From: Wolfe St															
Stewart St		**5600**	**F**								0.085	F	0.500	6000	F	2020
	To: Boscawen St															
	From: 2Nd St															
Summit Ave		**150**	**F**								0.13	F	0.519	160	F	2020
	To: 1St Street															
	From: Jefferson St															
Tennyson Ave		**250**	**F**								0.159	F	0.546	260	F	2020
	To: Leicester St															
	From: Boscawen St															
Washington St		**2900**	**F**								0.103	F	0.524	3100	F	2020
	To: Amherst St															
	From: Applecroft Rd															
Wentworth Dr		**730**	**F**								0.104	F	0.523	770	F	2020
	To: Beechcroft Rd															
	From: Wood Ave															
Whitter Ave		**710**	**F**								0.107	F	0.731	750	F	2020
	To: Ridge Ave															
	From: Whitter Ave															
Wood Ave		**390**	**F**								0.117	F	0.643	410	F	2020
	To: Lanny Dr															
	From: Pine St															
Woodland Ave		**570**	**F**								0.100	F	0.551	600	F	2020
	To: Elm St															
	From: Loudoun St															
Wyck St		**3000**	**F**								0.088	F	0.706	3200	F	2020
	To: Braddock St															