2007
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
2007
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 (50 P) (522) Boscawen St	City of Winchester	0.18	**1700**	G	97%	1%	2%	0%	0%	0%	C	0.090	F		1800	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**11000**	G	97%	1%	2%	0%	0%	0%	F	NA			12000	G
To: US 11 Cameron St																
From: Boscawen St																
7 (11) (11 P) (50 P) Cameron St	City of Winchester	0.17	**8400**	G	96%	1%	1%	1%	1%	0%	F	0.093	F		9200	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**17000**	G	96%	1%	1%	1%	1%	0%	F	NA			18000	G
To: Piccadilly St																
From: US 11 Cameron St																
7 Piccaddilly St	City of Winchester	0.18	**9800**	G	96%	1%	1%	1%	1%	0%	F	0.087	F	0.531	11000	G
To: East Lane																
From: Piccadilly St																
7 East Lane	City of Winchester	0.02	**8900**	G	96%	1%	1%	1%	1%	0%	F	0.087	F	0.547	9800	G
To: Fairfax Lane																
From: Highland Ave																
7 National Ave	City of Winchester	0.32	**10000**	G	96%	1%	1%	1%	1%	0%	F	0.086	F	0.57	11000	G
To: 138-5213 Pleasant Valley Rd																
From:																
7 Berryville Ave	City of Winchester	0.79	**25000**	G	96%	1%	1%	1%	1%	0%	C	0.079	F	0.524	27000	G
To: Ross St																
From:																
7 Berryville Ave	City of Winchester (Maint: 34)	0.16	**30000**	G	96%	1%	1%	1%	1%	0%	F	0.085	F	0.507	33000	G
To: I-81; ECL Winchester																
From: US 50 Boscawen St																
7 P (522 P) (11 P) (50 P) Braddock St	City of Winchester	0.17	**8400**	G	96%	1%	1%	1%	1%	0%	F	0.091	F	0.842	9200	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**17000**	G	96%	1%	1%	1%	1%	0%	F	NA			18000	G
To: Piccadilly St																
From: Braddock St																
7 P (50 P) (522) Piccadilly St	City of Winchester	0.18	**9300**	G	97%	1%	2%	0%	0%	0%	F	0.087	F	0.731	10000	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**11000**	G	97%	1%	2%	0%	0%	0%	F	NA			12000	G
To: SR 7 Cameron St																
From: SCL Winchester																
11 Valley Ave	City of Winchester	1.37	**15000**	F	97%	0%	1%	0%	1%	0%	C	0.088	F	0.530	16000	F
To: Middle Rd																
From:																
11 Valley Ave	City of Winchester	0.12	**21000**	F	96%	0%	1%	1%	2%	0%	F	0.086	F	0.518	23000	F
To: Weems Lane																
From:																
11 Valley Ave	City of Winchester	0.67	**18000**	G	96%	0%	1%	1%	2%	0%	F	0.087	F	0.548	20000	G
To: Jubal Early Dr																
From:																
11 Valley Ave	City of Winchester	0.59	**12000**	F	98%	0%	1%	0%	0%	0%	C	0.090	F	0.554	13000	F
To: US 11 Par Braddock St																
From:																
11 Valley Ave	City of Winchester	0.09	**3100**	G	95%	1%	3%	1%	1%	0%	F	0.089	F		3300	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**13000**	G	93%	1%	3%	2%	1%	0%	F	0.094	F	0.583	14000	G
To: Gerrard St																

Virginia Department of Transportation
Traffic Engineering Division
2007
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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	**12000**	**G**	95%	1%	3%	1%	1%	0%	F	0.078	F	0.679	13000	G
To: Cameron St																
From: US 50 Gerrard St																
11 11 P 50 P 522 Cameron St	City of Winchester	0.53	**5700**	**G**	96%	1%	1%	1%	1%	0%	C	0.081	F		6200	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**12000**	**G**	96%	1%	1%	1%	1%	0%	C	NA			14000	G
To: Boscawen St																
From:																
11 11 P 50 P 522 Cameron St	City of Winchester	0.17	**8400**	**G**	96%	1%	1%	1%	1%	0%	F	0.093	F		9200	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**17000**	**G**	96%	1%	1%	1%	1%	0%	F	NA			18000	G
To: Piccadilly St																
From:																
11 Cameron St	City of Winchester	0.83	**5900**	**G**	95%	1%	3%	1%	1%	0%	C	0.082	F	0.545	6400	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**11000**	**G**	97%	1%	2%	1%	1%	0%	F	0.082	F	0.714	12000	G
To: US 11 Par, Loudoun St																
From:																
11 Martinsburg Pike	City of Winchester	0.31	**12000**	**G**	95%	1%	3%	1%	1%	0%	F	0.089	F	0.504	13000	G
To: NCL Winchester																
From: US 11 Valley Ave																
11 P Braddock St	City of Winchester	0.09	**10000**	**G**	93%	1%	3%	2%	1%	0%	F	0.095	F	0.75	11000	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**13000**	**G**	93%	1%	3%	2%	1%	0%	F	0.094	F	0.583	14000	G
To: Gerrard St																
From:																
11 P 50 50 P 522 Braddock St	City of Winchester	0.53	**6700**	**G**	97%	1%	1%	1%	0%	0%	C	0.093	F		7300	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**12000**	**G**	96%	1%	1%	1%	1%	0%	C	NA			14000	G
To: Boscawen St																
From:																
11 P 522 P 50 P 522 Braddock St	City of Winchester	0.17	**8400**	**G**	96%	1%	1%	1%	1%	0%	F	0.091	F	0.842	9200	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**17000**	**G**	96%	1%	1%	1%	1%	0%	F	NA			18000	G
To: Piccadilly St																
From:																
11 P Braddock St	City of Winchester	0.36	**2500**	**G**	93%	1%	3%	2%	1%	0%	C	0.089	F		2700	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**8400**	**G**	94%	1%	3%	1%	1%	0%	C	NA			9100	G
To: North Ave																
From: Braddock St																
11 P North Ave	City of Winchester	0.03	**530**	**G**	97%	2%	1%	0%	0%	0%	C	0.114	F	0.719	580	G
To: Loudoun St																
From: North Ave																
11 P Loudoun St	City of Winchester	0.30	**3700**	**G**	99%	0%	1%	0%	0%	0%	C	0.079	F	0.766	4100	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**9600**	**G**	96%	1%	2%	1%	1%	0%	C	NA			11000	G
To: Wyck St																
From:																
11 P Loudoun St	City of Winchester	0.24	**5200**	**G**	99%	0%	1%	0%	0%	0%	F	0.089	F	0.764	5700	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**11000**	**G**	97%	1%	2%	1%	1%	0%	F	0.082	F	0.714	12000	G
To: US 11 Cameron St																
From: I-81																
17 50 522 Millwood Ave	City of Winchester	0.09	**28000**	**N**	96%	0%	1%	1%	1%	0%	N	0.083	F	0.649	29000	N
To: Jubal Early Dr																

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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: US 50 Par, Millwood Ave																
17 50 522 Jubal Early Dr	City of Winchester	0.06	**28000**	**G**	96%	0%	1%	1%	1%	0%	C	NA			29000	G
To: Apple Blossom Dr																
From: Jubal Early Dr																
17 50 522 Apple Blossom Dr	City of Winchester	0.05	**14000**	**N**	97%	1%	1%	1%	0%	0%	N	0.085	N	0.529	15000	N
To: US 50 Par, Millwood Dr																
From: US 50 Par; Apple Blossom Dr																
17 50 522 Millwood Ave	City of Winchester	0.75	**14000**	**G**	97%	1%	1%	1%	0%	0%	F	0.085	F	0.529	15000	G
To: US 11 Cameron St																
From: WCL Winchester																
50 Amherst St	City of Winchester	0.64	**17000**	**G**	98%	0%	1%	0%	0%	0%	F	0.092	F	0.569	18000	G
To: Fox Dr																
From:																
50 Amherst St	City of Winchester	0.75	**15000**	**G**	98%	0%	1%	0%	0%	0%	C	0.088	F	0.501	16000	G
To: Boscawen St																
From: Amherst St																
50 Boscawen St	City of Winchester	0.37	**18000**	**G**	98%	0%	1%	0%	0%	0%	F	NA			19000	G
To: Braddock St																
From: Boscawen St																
50 11 Bus 50 Bus 522 Braddock St	City of Winchester	0.53	**6700**	**G**	97%	1%	1%	1%	0%	0%	C	0.093	F		7300	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**12000**	**G**	96%	1%	1%	1%	1%	0%	C	NA			14000	G
To: Gerrard St																
From: Braddock St																
50 522 Bus Gerrard St	City of Winchester	0.07	**9200**	**G**	97%	1%	1%	1%	0%	0%	F	0.084	F	0.565	10000	G
To: Valley Ave																
From:																
50 11 522 Bus Gerrard St	City of Winchester	0.10	**12000**	**G**	95%	1%	3%	1%	1%	0%	F	0.078	F	0.679	13000	G
To: US 11 Cameron St																
From:																
50 17 522 Millwood Ave	City of Winchester	0.75	**14000**	**G**	97%	1%	1%	1%	0%	0%	F	0.085	F	0.529	15000	G
To: US 50 Par; Apple Blossom Dr																
From: US 50 Par, Millwood Dr																
50 17 522 Apple Blossom Dr	City of Winchester	0.05	**14000**	**N**	97%	1%	1%	1%	0%	0%	N	0.085	N	0.529	15000	N
To: Jubal Early Dr																
From: Apple Blossom Dr																
50 17 522 Jubal Early Dr	City of Winchester	0.06	**28000**	**G**	96%	0%	1%	1%	1%	0%	C	NA			29000	G
To: US 50 Par, Millwood Ave																
From: US 50 Par; Jubal Early Dr																
50 17 522 Millwood Ave	City of Winchester	0.09	**28000**	**N**	96%	0%	1%	1%	1%	0%	N	0.083	F	0.649	29000	N
To: I-81																
From: Boscawen St																
50 Bus 522 Bus 11 Bus 522 Braddock St	City of Winchester	0.17	**8400**	**G**	96%	1%	1%	1%	1%	0%	F	0.091	F	0.842	9200	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**17000**	**G**	96%	1%	1%	1%	1%	0%	F	NA			18000	G
To: Piccadilly St																
From: Braddock St																
50 Bus 7 Bus 522 Piccadilly St	City of Winchester	0.18	**9300**	**G**	97%	1%	2%	0%	0%	0%	F	0.087	F	0.731	10000	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**11000**	**G**	97%	1%	2%	0%	0%	0%	F	NA			12000	G
To: 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: Piccadilly St															
50 11 11 522 Cameron St	City of Winchester	0.17	**8400**	**G**	96%	1%	1%	1%	1%	0%	F	0.093	F		9200	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**17000**	**G**	96%	1%	1%	1%	1%	0%	F	NA			18000	G
	To: Boscawen St															
	From:															
50 11 11 522 Cameron St	City of Winchester	0.53	**5700**	**G**	96%	1%	1%	1%	1%	0%	C	0.081	F		6200	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**12000**	**G**	96%	1%	1%	1%	1%	0%	C	NA			14000	G
	To: US 50 Millwood Ave															
	From: US 50 Apple Blossom Dr															
50 Millwood Ave	City of Winchester	0.18	**10000**	**G**	98%	0%	1%	0%	1%	0%	C	0.078	F	0.858	11000	G
	To: US 50 Jubal Early Drive															
	From: SCL Winchester															
North 81	City of Winchester (Maint: 34)	0.07	**30000**	**A**	77%	1%	1%	1%	19%	1%	C	0.095	A		31000	A
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**61000**	**A**	77%	1%	1%	1%	18%	1%	C	NA			62000	A
	To: NCL Winchester															
	From: SCL Winchester															
South 81	City of Winchester (Maint: 34)	0.07	**30000**	**A**	78%	1%	1%	1%	18%	1%	C	0.094	A		31000	A
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**61000**	**A**	77%	1%	1%	1%	18%	1%	C	NA			62000	A
	To: NCL Winchester															
	From: I-81															
522 50 17 Millwood Ave	City of Winchester	0.09	**28000**	**N**	96%	0%	1%	1%	1%	0%	N	0.083	F	0.649	29000	N
	To: US 50 Par; Jubal Early Dr															
	From: US 50 Par, Millwood Ave															
522 50 17 Jubal Early Dr	City of Winchester	0.06	**28000**	**G**	96%	0%	1%	1%	1%	0%	C	NA			29000	G
	To: Apple Blossom Dr															
	From: Jubal Early Dr															
522 50 17 Apple Blossom Dr	City of Winchester	0.05	**14000**	**N**	97%	1%	1%	1%	0%	0%	N	0.085	N	0.529	15000	N
	To: US 50 Par, Millwood Dr															
	From: US 50 Par; Apple Blossom Dr															
522 50 17 Millwood Ave	City of Winchester	0.75	**14000**	**G**	97%	1%	1%	1%	0%	0%	F	0.085	F	0.529	15000	G
	To: US 11 Cameron St															
	From: Millwood Ave															
522 11 11 50 Cameron St	City of Winchester	0.53	**5700**	**G**	96%	1%	1%	1%	1%	0%	C	0.081	F		6200	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**12000**	**G**	96%	1%	1%	1%	1%	0%	C	NA			14000	G
	To: Boscawen St															
	From:															
522 11 11 50 Cameron St	City of Winchester	0.17	**8400**	**G**	96%	1%	1%	1%	1%	0%	F	0.093	F		9200	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**17000**	**G**	96%	1%	1%	1%	1%	0%	F	NA			18000	G
	To: SR 7 Piccadilly St															
	From: US 11 Cameron St															
522 7 50 Piccadilly St	City of Winchester	0.18	**9300**	**G**	97%	1%	2%	0%	0%	0%	F	0.087	F	0.731	10000	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**11000**	**G**	97%	1%	2%	0%	0%	0%	F	NA			12000	G
	To: US 50, SR 7 Braddock St															
	From:															
522 Piccadilly St	City of Winchester	0.19	**6300**	**G**	96%	1%	1%	1%	2%	0%	F	0.091	F	0.530	6900	G
	To: Fairmont Ave															

Virginia Department of Transportation
Traffic Engineering Division
2007
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: Piccadilly St																
522 Fairmont Ave	City of Winchester	0.22	**6300**	**G**	96%	1%	1%	1%	2%	0%	F	0.098	F	0.611	6900	G
To: Commercial St																
From: Commercial St																
522 Fairmont Ave	City of Winchester	0.55	**12000**	**G**	96%	1%	1%	1%	2%	0%	C	0.101	F	0.668	13000	G
To: NCL Winchester																
From: US 522, US 11 Cameron St																
522 P 11 50 Gerrard St	City of Winchester	0.10	**12000**	**G**	95%	1%	3%	1%	1%	0%	F	0.078	F	0.679	13000	G
To: US 11 Valley Ave																
From: US 11 Valley Ave																
522 P 50 Gerrard St	City of Winchester	0.07	**9200**	**G**	97%	1%	1%	1%	0%	0%	F	0.084	F	0.565	10000	G
To: Braddock St																
From: Gerrard St																
522 P 50 11 P 50 P Braddock St	City of Winchester	0.53	**6700**	**G**	97%	1%	1%	1%	0%	0%	C	0.093	F		7300	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**12000**	**G**	96%	1%	1%	1%	1%	0%	C	NA			14000	G
To: US 50 Boscawen St																
From: US 50 Boscawen St																
522 P 11 P 50 P 522 Braddock St	City of Winchester	0.17	**8400**	**G**	96%	1%	1%	1%	1%	0%	F	0.091	F	0.842	9200	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			**17000**	**G**	96%	1%	1%	1%	1%	0%	F	NA			18000	G
To: US 522 Piccadilly St																

Virginia Department of Transportation
Traffic Engineering Division
2007
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Winchester

Route	Length	AADT	QA	4Tire	Bus	Truck				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
City of Winchester																
			From: Pleasant Valley Rd													
(1) Woodstock Ln	0.63	**2600**	**G**	97%	1%	2%	0%	1%	0%	C	0.095	F	0.648	2800	G	2007
			To: ECL Winchester													
			From: Berryville Ave													
(2) Fort Collier Dr	0.16	**9000**	**G**	96%	1%	1%	1%	1%	0%	C	0.096	F	0.684	9900	G	2007
			To: NCL Winchester													
			From: Handley Blvd													
(3) Washington St	0.64	**5200**	**G**	99%	0%	1%	0%	0%	0%	C	0.086	F	0.603	5700	G	2007
			To: Piccadilly St													
			From: Braddock St													
(4) Handley Blvd	0.08	**12000**	**G**	99%	0%	1%	0%	0%	0%	F	0.082	F	0.513	13000	G	2007
			To: Washington St													
			From: Valley Ave													
(5) Tevis Ave	0.21	**8300**	**G**	99%	0%	0%	0%	0%	0%	C	0.086	F	0.549	9100	G	2007
			To: Cedarmeade Ave													
			From: Tevis St													
(6) Cedarmeade Ave	0.55	**1400**	**G**	97%	2%	1%	0%	0%	0%	C	0.126	F	0.548	1600	G	2007
			To: Papermill Rd													
			From: Handley Ave													
(7) Jubal Early Dr	0.65	**6500**	**G**	99%	0%	1%	0%	0%	0%	F	0.1	F	0.518	7100	G	2007
			To: US 11 Valley Avenue													
			From:													
(7) Jubal Early Dr	0.98	**21000**	**G**	99%	0%	1%	0%	0%	0%	F	0.086	F	0.511	23000	G	2007
			To: US 50 Par Apple Blossom Dr													
			From: WCL Winchester													
(5200) Cedar Creek Grade	0.52	**15000**	**G**	98%	0%	1%	0%	0%	0%	F	0.093	F	0.633	16000	G	2007
			To: Valley Ave													
			From:													
(5200) Weems Ln	0.50	**14000**	**G**	98%	0%	1%	0%	0%	0%	C	0.089	F	0.514	16000	G	2007
			To: Papermill Rd													
			From: Valley Ave													
(5201) Middle Rd	1.01	**3800**	**G**	98%	0%	1%	0%	0%	0%	C	0.095	F	0.601	4200	G	2007
			To: WCL Winchester													
			From: US 50													
(5203) Fox Dr	0.86	**4100**	**G**	98%	1%	0%	0%	0%	0%	C	0.100	F	0.577	4500	G	2007
			To: NCL Winchester													
			From: US 11 Cameron St													
(5204) Cork St	0.08	**8900**	**G**	99%	0%	1%	0%	0%	0%	F	0.09	F	0.519	9700	G	2007
			To: Kent St													
			From:													
(5204) Cork St	0.48	**11000**	**G**	99%	0%	1%	0%	0%	0%	F	0.088	F	0.563	12000	G	2007
			To: 138-5213 Pleasant Valley Rd													
			From:													
(5204) Senseny Rd	0.44	**10000**	**G**	99%	0%	1%	0%	0%	0%	C	0.083	F	0.614	11000	G	2007
			To: ECL Winchester													
			From: Fairmont Ave													
(5206) Commercial St	0.29	**4000**	**G**	97%	0%	2%	0%	0%	0%	C	0.090	F	0.605	4300	G	2007
			To: Cameron St													
			From: SCL Winchester													
(5207) Shawnee Dr	0.67	**5700**	**G**	95%	1%	1%	1%	2%	0%	C	0.091	F	0.561	6200	G	2007
			To: Papermill Rd													
			From: SECL Winchester													
(5209) Papermill Rd	0.86	**12000**	**G**	98%	0%	1%	0%	0%	0%	F	0.087	F	0.501	13000	G	2007
			To: Pleasant Valley Rd													
			From:													
(5209) Papermill Rd	0.64	**7600**	**G**	97%	1%	1%	0%	0%	0%	C	0.088	F	0.557	8200	G	2007
			To: Weems Lane													
			From:													
(5209) Loudoun St	0.58	**15000**	**G**	98%	0%	1%	0%	0%	0%	C	0.091	F	0.548	16000	G	2007
			To: Commerce St													

Virginia Department of Transportation
Traffic Engineering Division
2007
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	0.57	**6400**	**G**	98%	0%	1%	0%	0%	0%	F	0.098	F	0.536	7000	G	2007
From: Commerce St																
To: Gerrard St																
(5213) Pleasant Valley Rd	1.22	**13000**	**G**	97%	0%	1%	1%	1%	0%	C	0.088	F	0.522	15000	G	2007
From: Papermill Rd																
To: Jubal Early Drive																
(5213) Pleasant Valley Rd	0.36	**23000**	**G**	97%	0%	1%	1%	1%	0%	F	0.085	F	0.504	25000	G	2007
From: Jubal Early Drive																
To: Millwood Ave																
(5213) Pleasant Valley Rd	0.91	**24000**	**G**	97%	0%	1%	1%	1%	0%	F	0.081	F	0.533	26000	G	2007
From: Millwood Ave																
To: Cork St																
(5213) Pleasant Valley Rd	0.36	**20000**	**G**	97%	0%	1%	1%	1%	0%	F	0.082	F	0.537	22000	G	2007
From: Cork St																
To: Berryville Ave																
(5221) Smithfield Ave	0.63	**2700**	**G**	96%	1%	2%	0%	1%	0%	C	0.092	F	0.596	2900	G	2007
From: National Ave																
To: NCL Winchester																
2nd St		**170**	**G**								0.109	F		180	G	2007
From: Summit Ave																
To: Papermill Rd																
Amherst St		**4600**	**G**								0.088	F	0.778	5100	G	2007
From: Boscawen St																
To: Braddock St																
Battaile Dr		**1300**	**G**								NA			1400	G	2007
From: Shawnee Dr																
To: SCL Winchester																
Beachcroft Rd		**160**	**G**								0.132	F		170	G	2007
From: Wentworth Dr																
To: Oakwood Ct																
Bellview Ave		**1200**	**G**								0.093	F		1400	G	2007
From: Valley Ave																
To: Lewis St																
Bond St		**370**	**G**								0.103	F		400	G	2007
From: Loudoun St																
To: Cameron St																
Braddock St		**910**	**G**								0.077	F		990	G	2007
From: Jackson Ave																
To: Locust Ave																
Branner Ave		**370**	**G**								0.108	F		400	G	2007
From: Ridge Ave																
To: Isaac St																
Butler Ave		**260**	**G**								0.116	F		290	G	2007
From: Green St																
To: Beau St																
Caroline St		**370**	**G**								0.101	F		400	G	2007
From: Old Fort Rd																
To: Marion St																
Commerce St		**810**	**G**								0.087	F		880	G	2007
From: Whitlock Ave																
To: Southwerk St																
Dunlap St		**240**	**G**								0.1	F		260	G	2007
From: Bruce St																
To: WCL Winchester																
E Southwerk St		**1600**	**G**								0.104	F		1700	G	2007
From: S Loudoun St																
To: S Cameron St																

Virginia Department of Transportation
Traffic Engineering Division
2007
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Winchester

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City of Winchester																
		From: Frederick Ave														
Elm St		**4100**	**G**								0.096	F		4500	G	2007
		To: Woodland Ave														
		From: Grove St														
Euclid Ave		**290**	**G**								0.127	F		320	G	2007
		To: Woodstock Lane														
		From: S.Loudoun St														
Glaize Ave		**240**	**G**								0.227	F		260	G	2007
		To: Dead End														
		From: Whitlock Ave														
Handley St		**580**	**G**								0.107	F		640	G	2007
		To: Sheridan St														
		From: Papermill Rd														
Imperial St		**140**	**G**								0.143	F		150	G	2007
		To: Superior Ave														
		From: Braddock St														
Jackson Ave		**610**	**G**								0.106	F		660	G	2007
		To: Pennsylvania Ave														
		From: Beau St														
Kent St		**1300**	**G**								0.099	F		1500	G	2007
		To: WCL Winchester														
		From: Boscawen St														
Kent St		**5400**	**G**								0.092	F		5900	G	2007
		To: Philpot St														
		From: Parkway Ave														
Leicester St		**420**	**G**								0.094	F		460	G	2007
		To: Shawnee Ave														
		From: Branner Ave														
Marion St		**350**	**G**								0.092	F		380	G	2007
		To: Caroline St														
		From: Hockman Ave														
Massanutten Terrace		**330**	**G**								0.129	F		360	G	2007
		To: Middle Rd														
		From: Handley St														
Miller St		**510**	**G**								0.088	F		560	G	2007
		To: Ivy St														
		From: Elm St														
Orchard Ave		**220**	**G**								0.090	F		250	G	2007
		To: ECL Winchester														
		From: Pall Mall St														
Parkway Ave		**1000**	**G**								0.098	F		1100	G	2007
		To: Leicester St														
		From: Richards														
Pennsylvania Ave		**600**	**G**								0.089	F		650	G	2007
		To: Jackson Ave														
		From: Fairmont Ave														
Peyton St		**550**	**G**								0.102	F		600	G	2007
		To: Braddock St														
		From: Dead End														
Pleasant Valley Rd		**540**	**G**								0.22	F		590	G	2007
		To: Cedarmeade Ave														
		From: Cork St														
Purcell Ave		**2000**	**G**								0.106	F		2100	G	2007
		To: Grove St														
		From: Millwood Ave														
S Kent St		**1500**	**G**								0.097	F		1600	G	2007
		To: Southwerk St														

Virginia Department of Transportation
Traffic Engineering Division
2007
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Winchester

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						2Axle	3+Axle	1Trail	2Trail							
City of Winchester																
		From: Dulles Circle														
Saratoga Dr		**690**	**G**								0.101	F		760	G	2007
		To: Lake Dr														
		From: Leicester St														
Shenandoah Ave		**790**	**G**								0.094	F		860	G	2007
		To: Cork St														
		From: Wolfe St														
Stewart St		**9600**	**G**								0.078	F		11000	G	2007
		To: Boscawen St														
		From: 2Nd St														
Summit Ave		**180**	**G**								0.109	F		200	G	2007
		To: 1St Street														
		From: Jefferson St														
Tennyson Ave		**840**	**G**								0.096	F		920	G	2007
		To: Leicester St														
		From: Boscawen St														
Washington St		**7300**	**G**								0.094	F		7900	G	2007
		To: Amherst St														
		From: Applecroft Rd														
Wentworth Dr		**1500**	**G**								0.165	F		1600	G	2007
		To: Beachcroft Rd														
		From: Wood Ave														
Whitter Ave		**750**	**G**								0.098	F		820	G	2007
		To: Ridge Ave														
		From: Whitter Ave														
Wood Ave		**640**	**G**								0.093	F		700	G	2007
		To: Lanny Dr														
		From: Pine St														
Woodland Ave		**880**	**G**								0.103	F		960	G	2007
		To: Elm St														
		From: Loudoun St														
Wyck St		**4500**	**G**								0.105	F		4900	G	2007
		To: Braddock St														