

**2004**

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

where available

**Special Locality Report**

**138**

City of Winchester

Prepared By

**Virginia Department of Transportation  
Mobility Management Division**

In Cooperation With

**U.S. Department of Transportation  
Federal Highway Administration**

Virginia Department of Transportation  
Mobility Management 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 at VDOT Mobility Management's 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.

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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’s Mobility Management 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 Peak Hour 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 Peak Hour 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



Secondary Route

## Special Routes



Bus - Business Route

Bypas - Bypass Route

Truck - Truck Route



ALT - Alternate Route

Wve - Wye Route connector



P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.



The VDOT Maintenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

Virginia Department of Transportation  
 Mobility Management Division  
 2004  
 Annual Average Daily Traffic Volume Estimates By Section of Route  
 City of Winchester

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	
							2Axle	3+Axle	1Trail	2Trail							
7 50 522 Boscawen St	City of Winchester	From: US 50, US 522 Par. Braddock St	0.18	3400	G	89%	1%	2%	5%	3%	0%	C	0.082	F	3700	G	
		To: US 11 Cameron St	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 11000 G 89%		1%	2%	5%	3%	0%	F	NA	12000	G				
7 11 11 50 Cameron St	City of Winchester	From: Boscawen St	0.17	12000	G	89%	2%	4%	5%	1%	0%	F	0.086	F	13000	G	
		To: Piccaddilly St	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 12000 G									NA	NA				
7 Piccaddilly St	City of Winchester	From: US 11 Cameron St	0.18	11000	G	96%	1%	1%	1%	1%	1%	C	0.088	F	0.538	12000	G
		To: East Lane															
7 East Lane	City of Winchester	From: Piccaddilly St	0.02	11000	G	95%	1%	2%	1%	1%	0%	F	0.095	F	0.513	12000	G
		To: Fairfax Lane															
7 National Ave	City of Winchester	From: Highland Ave	0.32	13000	G	96%	1%	2%	1%	1%	0%	C	0.085	F	0.604	14000	G
		To: 138-5213 Pleasant Valley Rd															
7 Berryville Ave	City of Winchester	From: Ross St	0.79	18000	G	95%	1%	2%	1%	1%	0%	C	0.081	F	0.554	19000	G
		To: ECL Winchester, I-81															
7 Berryville Ave	City of Winchester (Maint: 34)	From: US 50 Boscawen St	0.16	31000	G	95%	1%	2%	1%	1%	0%	F	0.1	F	0.603	34000	G
		To: Piccaddilly St	Combined Traffic Estimates for Parallel Roadways on this Route: NA										NA	NA	NA	NA	
7 522 11 50 Braddock St	City of Winchester	From: Braddock St	0.18	7500	G	89%	1%	2%	5%	3%	0%	F	0.086	F	8100	G	
		To: SR 7 Cameron St	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 11000 G 89%		1%	2%	5%	3%	0%	F	NA	12000	G				
11 Valley Ave	City of Winchester	From: SCL Winchester	1.37	17000	G	95%	0%	2%	1%	1%	0%	C	0.084	F	0.506	18000	G
		To: Middle Rd															
11 Valley Ave	City of Winchester	From: Weems Lane	0.12	23000	G	96%	0%	1%	1%	2%	0%	F	0.089	F	0.575	25000	G
		To: Bellview Ave															
11 Valley Ave	City of Winchester	From: US 11 Par Braddock St	0.67	18000	G	96%	0%	1%	1%	2%	0%	F	0.085	F	0.511	20000	G
		To: Gerrard St															
11 Valley Ave	City of Winchester	From: US 11 Par Braddock St	0.59	15000	G	97%	0%	1%	1%	1%	0%	C	0.088	F	0.626	16000	G
		To: US 11 Par Braddock St	0.09	3300	G	96%	0%	1%	1%	2%	0%	F	0.096	F	3600	G	
11 Valley Ave	City of Winchester	From: US 11 Par Braddock St	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 15000 G 92%		1%	4%	2%	1%	0%	0%	F	NA	16000	G			
		To: Gerrard St															

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Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	
							2Axle	3+Axle	1Trail	2Trail							
11 50 522 Gerrard St	City of Winchester	From: Valley Ave	0.10	15000	G	96%	0%	1%	1%	2%	0%	F	0.078	F	0.671	16000	G
		To: Cameron St															
11 11 50 522 Cameron St	City of Winchester	From: US 50 Gerrard St	0.53	6200	G	89%	2%	4%	5%	1%	0%	C	0.082	F		6700	G
		Combined Traffic Estimates for 2 Parallel Roadways on this Route:															
11 11 50 522 Cameron St	City of Winchester	From: Boscawen St	0.17	12000	G	89%	2%	4%	5%	1%	0%	F	0.086	F		13000	G
		Combined Traffic Estimates for 2 Parallel Roadways on this Route:															
11 Cameron St	City of Winchester	From: Piccadilly St	0.83	4200	G	96%	0%	1%	1%	2%	0%	C	0.089	F		4600	G
		Combined Traffic Estimates for 2 Parallel Roadways on this Route:															
11 Martinsburg Pike	City of Winchester	From: US 11 Par, Loudoun St	0.31	14000	G	95%	0%	1%	1%	2%	0%	C	0.089	F	0.542	15000	G
		To: NCL Winchester															
11 Braddock St	City of Winchester	From: US 11 Valley Ave	0.09	11000	G	90%	2%	5%	2%	1%	0%	F	0.093	F	0.78	12000	G
		Combined Traffic Estimates for 2 Parallel Roadways on this Route:															
11 50 50 522 Braddock St	City of Winchester	From: Gerrard St	0.53	8900	G	96%	1%	2%	0%	1%	0%	C	0.094	F		9600	G
		Combined Traffic Estimates for 2 Parallel Roadways on this Route:															
11 522 50 522 Braddock St	City of Winchester	From: Boscawen St	0.17	NA									NA			NA	G
		Combined Traffic Estimates for Parallel Roadways on this Route:															
11 Braddock St	City of Winchester	From: Piccadilly St	0.36	3200	G	90%	2%	5%	2%	1%	0%	C	0.094	F		3400	G
		Combined Traffic Estimates for 2 Parallel Roadways on this Route:															
11 North Ave	City of Winchester	From: North Ave	0.03	520	G	95%	1%	2%	1%	1%	0%	C	0.119	F	0.767	560	G
		Combined Traffic Estimates for Parallel Roadways on this Route:															
11 Loudoun St	City of Winchester	From: Loudoun St	0.30	5000	G	96%	1%	1%	2%	0%	0%	C	0.095	F	0.82	5400	G
		Combined Traffic Estimates for 2 Parallel Roadways on this Route:															
11 Loudoun St	City of Winchester	From: Wyck St	0.24	5500	G	96%	0%	1%	1%	2%	0%	C	0.089	F	0.809	6000	G
		Combined Traffic Estimates for 2 Parallel Roadways on this Route:															
		To: US 11 Cameron St															











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							2Axle	3+Axle	1Trail	2Trail								
		From: Maintenance Jurisdiction Change																
17 50 522 Jubal Early Drive	City of Winchester	0.05	27000	G	96%	0%	1%	1%	1%	0%	C	0.083	F	0.622	29000	G		
		To: Jubal Early Dr																
17 50 522 Millwood Ave	City of Winchester	0.86	18000	G	97%	0%	2%	0%	1%	0%	C	0.087	F	0.521	19000	G		
		To: US 11 Cameron St																
		From: WCL Winchester																
50 Amherst St	City of Winchester	0.64	21000	G	98%	1%	1%	1%	0%	0%	F	0.087	F	0.603	23000	G		
		To: Fox Dr																
50 Amherst St	City of Winchester	0.75	18000	G	98%	1%	1%	1%	0%	0%	C	0.085	F	0.518	19000	G		
		To: Boscawen St																
		From: Amherst St																
50 Boscawen St	City of Winchester	0.37	16000	G	95%	1%	1%	1%	1%	1%	C	0.086	F	0.515	18000	G		
		To: Braddock St																
		From: Boscawen St																
50 11 50 522 Braddock St	City of Winchester	0.53	8900	G	96%	1%	2%	0%	1%	0%	C	0.094	F		9600	G		
			Combined Traffic Estimates for 2 Parallel Roadways on this Route:			15000	G	93%	1%	3%	2%	1%	0%	C	NA		16000	G
		To: Gerrard St																
		From: Braddock St																
50 522 Gerrard St	City of Winchester	0.07	11000	G	96%	1%	2%	0%	1%	0%	F	0.082	F	0.612	12000	G		
		To: Valley Ave																
50 11 522 Gerrard St	City of Winchester	0.10	15000	G	96%	0%	1%	1%	2%	0%	F	0.078	F	0.671	16000	G		
		To: US 11 Cameron St																
50 17 522 Millwood Ave	City of Winchester	0.86	18000	G	97%	0%	2%	0%	1%	0%	C	0.087	F	0.521	19000	G		
		To: US 50 Par																
50 17 522 Jubal Early Drive	City of Winchester	0.09	27000	G	96%	0%	1%	1%	1%	0%	C	0.083	F	0.622	29000	G		
		To: I-81																
		From: Boscawen St																
50 522 11 522 Braddock St	City of Winchester	0.17	NA									NA			NA			
			Combined Traffic Estimates for Parallel Roadways on this Route:			NA						NA			NA			
		To: Piccadilly St																
		From: Braddock St																
50 7 522 Piccadilly St	City of Winchester	0.18	7500	G	89%	1%	2%	5%	3%	0%	F	0.086	F		8100	G		
			Combined Traffic Estimates for 2 Parallel Roadways on this Route:			11000	G	89%	1%	2%	5%	3%	0%	F	NA		12000	G
		To: Cameron St																
		From: Piccadilly St																
50 11 11 522 Cameron St	City of Winchester	0.17	12000	G	89%	2%	4%	5%	1%	0%	F	0.086	F		13000	G		
			Combined Traffic Estimates for 2 Parallel Roadways on this Route:			12000	G					NA			NA			
		To: Boscawen St																
50 11 11 522 Cameron St	City of Winchester	0.53	6200	G	89%	2%	4%	5%	1%	0%	C	0.082	F		6700	G		
			Combined Traffic Estimates for 2 Parallel Roadways on this Route:			15000	G	93%	1%	3%	2%	1%	0%	C	NA		16000	G
		To: US 50 Gerrard St																

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Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	
							2Axle	3+Axle	1Trail	2Trail							
50 Millwood Ave	City of Winchester	From: US 50 Apple Blossom Dr	0.18	NA								NA		NA			
		To: US 50 Jubal Early Drive															
North 81	City of Winchester (Maint: 34)	From: SCL Winchester	0.07	29000	B	76%	1%	1%	1%	20%	1%	C	0.096	A	30000	B	
		Combined Traffic Estimates for 2 Parallel Roadways on this Route: 58000			B	77%	1%	1%	1%	19%	1%	C	NA		60000	B	
		To: NCL Winchester															
South 81	City of Winchester (Maint: 34)	From: SCL Winchester	0.07	30000	B	77%	1%	1%	1%	19%	1%	C	0.091	A	30000	B	
		Combined Traffic Estimates for 2 Parallel Roadways on this Route: 58000			B	77%	1%	1%	1%	19%	1%	C	NA		60000	B	
		To: NCL Winchester															
522 50 17 Jubal Early Drive	City of Winchester	From: Maintenance Jurisdiction Change	0.05	27000	G	96%	0%	1%	1%	1%	0%	C	0.083	F	0.622	29000	G
		To: Millwood Ave															
522 50 17 Millwood Ave	City of Winchester	From: Jubal Early Dr	0.86	18000	G	97%	0%	2%	0%	1%	0%	C	0.087	F	0.521	19000	G
		To: Cameron St															
522 11 11 50 Cameron St	City of Winchester	From: Millwood Ave	0.53	6200	G	89%	2%	4%	5%	1%	0%	C	0.082	F		6700	G
		Combined Traffic Estimates for 2 Parallel Roadways on this Route: 15000			G	93%	1%	3%	2%	1%	0%	C	NA		16000	G	
		To: Boscawen St															
522 11 11 50 Cameron St	City of Winchester	From: Boscawen St	0.17	12000	G	89%	2%	4%	5%	1%	0%	F	0.086	F		13000	G
		Combined Traffic Estimates for 2 Parallel Roadways on this Route: 12000			G								NA		NA		
		To: SR 7 Piccadilly St															
522 7 50 Piccadilly St	City of Winchester	From: US 11 Cameron St	0.18	7500	G	89%	1%	2%	5%	3%	0%	F	0.086	F		8100	G
		Combined Traffic Estimates for 2 Parallel Roadways on this Route: 11000			G	89%	1%	2%	5%	3%	0%	F	NA		12000	G	
		To: US 50, SR 7 Braddock St															
522 Piccadilly St	City of Winchester	0.19	6100	G	94%	1%	3%	2%	1%	0%	F	0.093	F	0.619	6600	G	
522 Fairmont Ave	City of Winchester	From: Fairmont Ave	0.22	7000	G	94%	1%	3%	2%	1%	0%	F	0.090	F	0.629	7600	G
		To: Piccadilly St															
522 Fairmont Ave	City of Winchester	From: Commercial St	0.55	13000	G	94%	1%	3%	2%	1%	0%	C	0.094	F	0.683	14000	G
		To: NCL Winchester															
		From: US 522, US 11 Cameron St	0.10	15000	G	96%	0%	1%	1%	2%	0%	F	0.078	F	0.671	16000	G
522 11 50 Gerrard St	City of Winchester	From: US 11 Valley Ave	0.07	11000	G	96%	1%	2%	0%	1%	0%	F	0.082	F	0.612	12000	G
		To: Braddock St															

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Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
From: <span style="border: 1px solid black; padding: 2px;">Gerrard St</span>																
    Braddock St	City of Winchester	0.53	<b>8900</b>	<b>G</b>	96%	1%	2%	0%	1%	0%	C	0.094	F	9600	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			<b>15000</b>	<b>G</b>	93%	1%	3%	2%	1%	0%	C	NA		16000	G	
To: <span style="border: 1px solid black; padding: 2px;">US 50 Boscawen St</span>																
    Braddock St	City of Winchester	0.17	<b>NA</b>									NA		NA		
Combined Traffic Estimates for Parallel Roadways on this Route:			<b>NA</b>									NA		NA		
To: <span style="border: 1px solid black; padding: 2px;">US 522 Piccadilly St</span>																

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Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
<b>City of Winchester</b>																
① Woodstock Ln	0.63	1900	G	95%	1%	From: Pleasant Valley Rd To: ECL Winchester				C	0.090	F	0.566	2000	G	2004
② Fort Collier Drive	0.16	7500	G	91%	1%	From: Berryville Ave To: NCL Winchester				C	0.083	F	0.507	8100	G	2004
③ Washington St	0.64	4500	G	97%	1%	From: Handley Blvd To: Piccadilly St				C	0.096	F	0.626	4900	G	2004
④ Handley Blvd	0.08	13000	G	97%	1%	From: Braddock St To: Washington St				F	0.095	F	0.545	14000	G	2004
⑤ Tevis Ave	0.21	8500	G	99%	0%	From: Valley Ave To: Cedarmeade Ave				C	0.085	F	0.542	9200	G	2004
⑥ Cedarmeade Ave	0.55	1600	G	93%	2%	From: Tevis St To: Papermill Rd				C	0.143	F	0.575	1700	G	2004
⑦ Jubal Early Dr	0.65	5300	G	97%	1%	From: Handley Ave To: US 11 Valley Avenue				F	0.093	F	0.651	5700	G	2004
⑦ Jubal Early Dr	1.13	20000	G	97%	1%	From: US 11 Valley Avenue To: US 50				F	0.083	F	0.505	22000	G	2004
⑤200 Cedar Creek Grade	0.52	13000	G	96%	0%	From: WCL Winchester To: Valley Ave				C	0.095	F	0.625	14000	G	2004
⑤200 Weems Ln	0.50	13000	G	98%	0%	From: Valley Ave To: Papermill Rd				C	0.160	F	0.513	14000	G	2004
⑤201 Middle Rd	1.01	4100	G	92%	1%	From: Valley Ave To: WCL Winchester				C	0.092	F	0.612	4400	G	2004
⑤203 Fox Dr	0.86	3700	G	96%	1%	From: US 50 To: NCL Winchester				C	0.104	F	0.566	4000	G	2004
⑤204 Cork St	0.08	9500	G	98%	1%	From: US 11 Cameron St To: Kent St				F	0.090	F	0.518	10000	G	2004
⑤204 Cork St	0.48	11000	G	98%	1%	From: Kent St To: 138-5213 Pleasant Valley Rd				F	0.088	F	0.539	12000	G	2004
⑤204 Senseny Rd	0.44	12000	G	98%	1%	From: 138-5213 Pleasant Valley Rd To: ECL Winchester				C	0.089	F	0.535	12000	G	2004
⑤206 Commercial St	0.29	4500	G	93%	0%	From: Faimont Ave To: Cameron St				C	0.102	F	0.576	4900	G	2004
⑤207 Shawnee Dr	0.67	5200	G	94%	1%	From: SCL Winchester To: Papermill Rd				C	0.086	F	0.546	5700	G	2004
⑤209 Papermill Rd	0.86	12000	G	97%	0%	From: SECL Winchester To: Pleasant Valley Rd				C	0.087	F	0.51	12000	G	2004
⑤209 Papermill Rd	0.64	6100	G	98%	0%	From: Pleasant Valley Rd To: Weems Ln				C	0.085	F	0.551	6700	G	2004
⑤209 Loudoun St	0.58	15000	G	98%	0%	From: Weems Ln To: Commerce St				C	0.089	F	0.537	16000	G	2004

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						2Axle	3+Axle	1Trail	2Trail							
<b>City of Winchester</b>																
(5209) Loudoun St	0.57	6900	G	97%	0%	1%	1%	0%	0%	C	0.097	F	0.512	7400	G	2004
				From:	Commerce St											
				To:	Gerrard St											
(5213) Pleasant Valley Rd	1.22	21000	G	95%	0%	2%	2%	1%	0%	C	0.081	F	0.541	22000	G	2004
				From:	Papermill Rd											
(5213) Pleasant Valley Rd	0.36	26000	G	95%	0%	2%	2%	1%	0%	F	0.087	F	0.554	28000	G	2004
				From:	Jubal Early Drive											
(5213) Pleasant Valley Rd	0.91	24000	G	98%	0%	1%	0%	0%	0%	C	0.081	F	0.526	26000	G	2004
				From:	Millwood Ave											
(5213) Pleasant Valley Rd	0.36	20000	G	95%	0%	2%	2%	1%	0%	F	0.080	F	0.546	21000	G	2004
				From:	Cork St											
				To:	Berryville Ave											
(5221) Smithfield Ave	0.63	2800	G	93%	1%	3%	1%	1%	0%	C	0.094	F	0.573	3100	G	2004
				From:	National Ave											
				To:	NCL Winchester											
2nd Street		240	G								0.141	F		260	G	2004
				From:	Cedarmeade Ave											
				To:	Summit Ave											
Amherst St		4400	G								0.087	F		4800	G	2004
				From:	Boscawen St											
				To:	Braddock St											
Battaille Dr		1200	G								0.105	F		1300	G	2004
				From:	Shawnee Dr											
				To:	SCL Winchester											
Beachcroft Rd		210	G								0.107	F		230	G	2004
				From:	Wentworth Dr											
				To:	Oakwood Ct											
Belview Ave		1200	G								0.089	F		1300	G	2004
				From:	Valley Ave											
				To:	Lewis St											
Bond St		270	G								0.096	F		290	G	2004
				From:	Loudoun St											
				To:	Cameron St											
Braddock St		720	G								0.095	F		780	G	2004
				From:	Jackson Ave											
				To:	Locust Ave											
Branner Ave		390	G								0.115	F		420	G	2004
				From:	Ridge Ave											
				To:	Isaac St											
Butler Ave		250	G								0.096	F		270	G	2004
				From:	Green St											
				To:	Beau St											
Caroline St		260	G								0.145	F		280	G	2004
				From:	Old Fort Rd											
				To:	Marion St											
Commerce St		620	G								0.091	F		670	G	2004
				From:	Whitlock Ave											
				To:	Southwerk St											
Dunlap St		230	G								0.123	F		250	G	2004
				From:	Bruce St											
				To:	WCL Winchester											
E. Southwerk St		2100	G								0.115	F		2200	G	2004
				From:	S. Loudoun St											
				To:	S. Cameron St											

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<b>City of Winchester</b>																
Elm St		4000	G			From:	Frederick Ave				0.103	F		4300	G	2004
						To:	Woodland Ave									
Euclid Ave		500	G			From:	Grove St				0.138	F		540	G	2004
						To:	Woodstock Ln									
Glaize Ave		270	G			From:	S.Loudoun St				0.12	F		290	G	2004
						To:	Dead End									
Handley St		660	G			From:	Whitlock Ave				0.118	F		710	G	2004
						To:	Sheridan St									
Imperial St		210	G			From:	Papermill Rd				0.141	F		230	G	2004
						To:	Superior Ave									
Jackson Ave		450	G			From:	Braddock St				0.092	F		480	G	2004
						To:	Pennsylvania Ave									
Kent St		920	G			From:	Beau St				0.098	F		1000	G	2004
						To:	WCL Winchester									
Kent St		6600	G			From:	Boscawen St				0.096	F		7100	G	2004
						To:	Philpot St									
Leicester St		520	G			From:	Parkway Ave				0.088	F		560	G	2004
						To:	Shawnee Ave									
Marion St		340	G			From:	Branner Ave				0.105	F		370	G	2004
						To:	Caroline St									
Massanutten Terrace		600	G			From:	Hockman Ave				0.126	F		650	G	2004
						To:	Middle Rd									
Orchard Ave		240	G			From:	Elm St				0.113	F		260	G	2004
						To:	ECL Winchester									
Parkway Ave		1000	G			From:	Pall Mall St				0.112	F		1100	G	2004
						To:	Leicester St									
Pennsylvania Ave		610	G			From:	Richards				0.099	F		660	G	2004
						To:	Jackson Ave									
Peyton St		560	G			From:	Fairmont Ave				0.146	F		600	G	2004
						To:	Braddock St									
Pleasant Valley Rd		430	G			From:	Dead End				0.119	F		460	G	2004
						To:	Cedarmeade Ave									
Purcell Ave		2200	G			From:	Cork St				0.12	F		2400	G	2004
						To:	Grove St									
S.Kent St		1300	G			From:	Millwood Ave				0.11	F		1400	G	2004
						To:	Southwerk St									
Saratoga Dr		460	G			From:	Dulles Circle				0.119	F		490	G	2004
						To:	Lake Dr									

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<b>City of Winchester</b>																
Shenandoah Ave		820	G	From:	Leicester St					0.088	F			890	G	2004
				To:	Cork St											
South Werk St		490	G	From:	Handley St					0.098	F			530	G	2004
				To:	Ivy St											
Stewart St		9500	G	From:	Wolfe St					0.091	F			10000	G	2004
				To:	Boscawen St											
Summit Ave		170	G	From:	2Nd St					0.138	F			180	G	2004
				To:	1St Street											
Tennyson Ave		540	G	From:	Jefferson St					0.122	F			580	G	2004
				To:	Leicester St											
Washington St		4200	G	From:	Boscawen St					0.094	F			4500	G	2004
				To:	Amherst St											
Wentworth Dr		1300	G	From:	Applecroft Rd					0.128	F			1400	G	2004
				To:	Beachcroft Rd											
Whitter Ave		750	G	From:	Wood Ave					NA				790	G	2004
				To:	Ridge Ave											
Wood Ave		750	G	From:	Whitter Ave					0.101	F			820	G	2004
				To:	Lanny Dr											
Woodland Ave		1100	G	From:	Pine St					0.100	F			1200	G	2004
				To:	Elm St											
Wyck St		3800	G	From:	Loudoun St					0.103	F			4100	G	2004
				To:	Braddock St											