2003

Virginia Department of Transportation Daily Traffic Volume Estimates

Special Locality Report 265

Town of Mt. Jackson

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.

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
- 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

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

(29) US Route

7 Virginia State Route

(600) Secondary Route

Special Routes

Bus Bus - Business Route
Bypas - Bypass Route
Truck - Truck Route
ALT ALT - Alternate Route
Wve - Wve Route connector

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

The VDOT 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 Mobility Management Division 2003 Annual Average Daily Traffic Volume Estimates By Section of Route Town of Mt. Jackson

				Town
Route	Length	AADT	QA	Year
Town of Mt. Jackson				
From:	SCL Mt. Jackson		J	
[11]	0.72	5000	N	2003
To: From:	SR 263]—	
<u></u>	1.85	4600	G	2003
To:	NCL Mt. Jackson		<u> </u>	
From:	WCL Mt. Jackson]	
(263)	0.52	3100	N	2003
To:	US 11			
From:	WCL Mt Jackson			
(292) 	0.23	11000	G	2003
To:	US 11			
From:	WCL Mt Jackson		T	
698	0.29	870	G	2003
85 To:	SR 263 WEST		1	
From:	SR 263 EAST		J	
(698)	0.11	30	R	1999
To:	US 11 SOUTH		<u> </u>	
	US 11 NORTH	900	٦ [_] ـ	2002
(698) ₈₅	0.19	800	G T	2003
	ECL Mt Jackson			
From:	85-1328 Railroad Street		」_ □	0=1001000
(743) Shenandoah Street	0.04	340	R	05/02/2002
To: From:	85-1329 Second Avenue]—	
(743) Shenandoah Street	0.28	470	R	1999
85 To-	US 11		<u> </u>	
From:	85-1328 Railroad Street		ī	
753 Jackson Street	0.09	430	R	05/02/2002
7.85°	05 1222 D : 4 Gt		1	
From:	85-1333 Painters Street	470	R	1999
753 Jackson Street	0.06	470		1999
From:	85-1330 First Avenue]	
(753) Jackson Street	0.10	580	R	05/02/2002
To:	US 11		<u> </u>	
From:	85-1320 Moore Avenue			
(790) Center Street	0.10	210	R	05/02/2002
To:	85-1322 Randall Street		Ъ—	
790 Center Street	0.12	630	R	05/02/2002
(790) Center Street	US 11		1	00,02,2002
From:			_	
\bigcirc	US 11 0.25	930	」 G	2003
(1301)		330	_ ~	2000
From:	85-1305 Lonas Street		_	
(1301)	0.13	310	R	05/09/2002
To:	Dead End			
From:	Dead End			_
(1302) Shannon Avenue	0.08	20	R	05/06/2002
From:	85-1307 Shannon Avenue		1—	
Shannon Avenue	0.06	140	R	05/06/2002
85 To:	US 11		l	
From:	85-1305 Lonas Street		Ī	
(1303) Tisinger Street	0.08	110	R	05/06/2002
1303 85 I Isinger Street			٠٠.	
From:	85-1306 Broad Street		一	1000
(1303) Tisinger Street	0.08	80	R 1	1999
10.	85-1304 Gospel Street		<u> </u>	
From:	85-1324 Orkney Drive			
$\widehat{}$				
Gospel Street	0.36	480	R	05/06/2002

Town of Mt. Jackson Dead End Dead End	Route	Length	AADT	QA	Year
Dead End Dead End		Lengur	7701	QΛ	i cai
Company Comp	From:	Dead End			
SS-1303 Tisinger Street	Lonas Street		20	R	05/06/2002
Company Comp	To:	05 1202 Ti		1	
SS-1326 Wunder Street	From:		440	_	05/06/2002
Society Soci	(1305) Lonas Street	0.11	110	ĸ	05/06/2002
SS-1332	To: From:	85-1326 Wunder Street		_	
SS-1332	(1305) Lonas Street	0.05	220	R	1999
Section Street Section Secti	To:	85-1332		—	
SS-1306 Broad Street SS-1301 R 1999 SS-1301 R 1999 SS-1301 R 1999 SS-1301 R 1999 SS-1302 Street SS-1302 Stannon Avenue SS-1310 EAST ST-1302 Stannon Avenue SS-1310 EAST ST-1302 Stannon Avenue SS-1312 WEST ST-1302 WEST			220	R	05/06/2002
Section Sect	To:	05 1206 D 164 4		1	
Section Sect	()		200	_	1000
School S	(.050)		300	1	1999
Section Sect				<u> </u>	
Section Sect				J _	0=10010000
S5-1305 Lonas Street	(.850)		300	R	05/06/2002
Shannon Avenue	10.	85-1305 Lonas Street			
Dead End Dead End		85-1302 Shannon Avenue			
Dead End Dead End	(1307) Shannon Avenue	0.08	80	R	05/06/2002
Shenell Drive D.25 210 R 05/06/2002	To:	Dead End			
Second S	From:	US 11			
Send Loop	(1308) Shenell Drive	0.25	210	R	05/06/2002
1309 Apple Avenue	85 To:	End Loop			
1309 Apple Avenue	From:	US 11			
SS-1310 EAST SS-1312 WEST SS-1312 WEST SS-1309 WEST SS-1309 WEST SS-1309 WEST SS-1309 EAST SS-1309 EAST SS-1309 EAST SS-1309 EAST SS-1312 EAST SS-1310 EAST SS-1313 EAST SS-1	(1300) Apple Avenue		260	R	1999
Solution Solution	To:	85-1310 EAST		1	
1310 Dogwood Drive 0.09 60 R 05/06/2002	From:				
1310 Dogwood Drive S5-1309 WEST			60	J	05/06/2002
1310 Dogwood Drive Dogwood Drive Dogwood Drive No.09 100 R 05/06/2002	1310) Bogwood Brive	0.00	00	- '`	03/00/2002
1310 Dogwood Drive S5-1309 EAST S5-1310 EAST S5-1316 East Avondale Avenue Dogwood Drive O.07 S0 R O5/06/2002 S5-1310 WEST S5-1310 EAST S5-1310 EA				<u> </u>	
1310 Dogwood Drive S5-1309 EAST S5-1312 EAST S5-1312 EAST S5-1312 EAST S5-1312 EAST S5-1315 EIm Drive S5-1325 EIm Drive S5-1316 East Avondale Avenue S6-1316 East Avondale Avenue S6-1310 WEST S6-1310 WEST S6-1310 WEST S6-1310 WEST S6-1310 EAST S6-1310 EAST S6-1310 Dogwood Drive S6-1310 Dogwood Drive S6-1310 Dogwood Drive S6-1314 Nelson Street S6-1314 Nelson Street S6-1314 Nelson Street S6-1313 Hopewell Avenue S6-13	(1310) Dogwood Drive	0.19	50	R	1999
1310 Dogwood Drive Dogwo	To:	85-1309 EAST		 	
1310 Dogwood Drive S5-1312 EAST S5-1325 Elm Drive S5-1325 Elm Drive S5-1325 Elm Drive S5-1316 East Avondale Avenue S5-1316 East Avondale Av			100	R	05/06/2002
1310 Dogwood Drive Dogwood Drive S5-1325 Elm Drive S5-1325 Elm Drive O.07 80 R O5/06/2002	85	05 1212 E 4 CE		1	
1310 Dogwood Drive S5-1316 East Avondale Avenue Dead End 1311 Montvue Avenue Dead End 1311 Montvue Avenue O.10 MN Dead End 1311 Montvue Avenue O.10 MN Dead End 1311 Montvue Avenue O.09 MR 1312 Maple Avenue O.07 US 11 1312 Maple Avenue O.07 US 11 1312 Maple Avenue O.06 MR 1313 Maple Avenue O.06 MR 1314 Maple Avenue O.03 GO 1315 Maple Avenue O.03 GO 1316 ECL Mount Jackson 1317 Maple Avenue O.12 Maple Avenue 1318 Hopewell Avenue O.12 Maple Avenue 1319 Maple Avenue O.12 Maple Avenue 1311 Maple Avenue O.12 Maple Avenue 1312 Maple Avenue O.13 Maple Avenue 1313 Hopewell Avenue O.12 Maple Avenue 1314 Nelson Street O.13 Maple Avenue 1315 Maple Avenue O.12 MR 1316 Maple Avenue O.13 MR 1317 Maple Avenue O.14 MR 1318 Maple Avenue O.15 MR 1319 Maple Avenue O.13 MR 1314 Nelson Street O.21 MR 1315 MR MR 1316 MR MR 1317 MR 1318 MR MR 1319 MR 1319 MR 1319 MR 1314 Nelson Street O.21 MR 1314 Nelson Street O.21 MR 1315 MR 1316 MR 1316 MR 1317 MR 1318 MR 1319 MR 1319 MR 1319 MR 1310 MR 1310 MR 1310 MR 1310 MR 1310 MR 1311 MR 1312 MR 1313 MR 1313 MR 1314 MR 1314 Nelson Street O.21 1315 MR 1316 MR 1316 MR 1316 MR 1317 MR 1317 MR 1318 MR 1319 MR 1319 MR 1310 M	()		440	_	1000
1310 Dogwood Drive Dead End Dead End	(1310) Dogwood Drive	0.05	140	ĸ	1999
S5-1316 East Avondale Avenue Dead End	To: From:	85-1325 Elm Drive] —	
SS-1316 East Avondale Avenue Dead End	(1310) Dogwood Drive	0.07	80	R	05/06/2002
1311 Montvue Avenue 0.10 130 R 05/06/2002	To:	85-1316 East Avondale Aven	ue		
Montvue Avenue 0.10 MN Dead End 1311 Montvue Avenue 0.09 130 R 05/06/2002	From:	Dead End			
Montvue Avenue 0.09 130 R 05/06/2002	(1311) Montvue Avenue	0.10	130	R	05/06/2002
Montvue Avenue 0.09 130 R 05/06/2002	85 To:	0.10 MN Dood End		1	
US 11 US 1	Adams Amazon		120	_	05/06/2002
SS 1 1999	\ 85 /		130	1 '`	03/00/2002
1312 Maple Avenue 0.07 230 R 1999	r			_	
S5-1310 WEST	Marila Assaula		222	1	4000
Maple Avenue 0.06 160 R 05/06/2002	(1312) Maple Avenue	0.07	230	ĸ	1999
S5-1310 EAST S5-1310 Dogwood Drive S5-1310 Dogwood Drive S5-1310 Dogwood Drive S5-1310 Dogwood Drive S5-1314 Nelson Street S5-1313 Hopewell Avenue S5-1313 Hopewell Avenue	To: From:	85-1310 WEST		}—	
Solid EAST Sol	(1312) Maple Avenue	0.06	160	R	05/06/2002
Maple Avenue 0.03 60 R 05/06/2002	85 To:				
School From School Street School Street School School Street School Sch	From]	
From: 85-1314 Nelson Street	(1852)		60	R	05/06/2002
1313 Hopewell Avenue 0.12 80 R 1999	То:	ECL Mount Jackson		<u> </u>	
Dead End Dead End Dead End Dead End Dead End Dead End Dead End Dead End Dead End Dead End Dead End Dead End		85-1314 Nelson Street			
Dead End Dead End	(1313) Hopewell Avenue	0.12	80	R	1999
1314 Nelson Street 0.13 100 R 05/06/2002	65 To:	Dead End			
Nelson Street 0.13 100 R 05/06/2002	From:	Dead End			
To 85-1313 Hopewell Avenue	Nelson Street		100	R	05/06/2002
(1314) Nelson Street 0.21 410 R 1999	85			1	-
(85)	Niele en Otreet			_	1000
US 11	(85)		410	K 1	1999
	10.	US 11			

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Virginia Department of Transportation Mobility Management Division 2003 Annual Average Daily Traffic Volume Estimates By Section of Route Town of Mt. Jackson

				I own of
Route	Length	AADT	QA	Year
Town of Mt. Jackson	Dead End		1	
(1315) Mill Creek Lane		40	R	05/02/2002
1315 Mill Creek Lane	85-698		7 ``	00/02/2002
From:			i	
	Dead End Avenue 0.18	400	J R	1999
Last Avondale	Avenue 0.10	+00	- '\	1999
From:	US 11		<u> </u>	
(1316) East Avondale		320	R	05/06/2002
To:	NCL Mt Jackson			
From:	Dead End			
(1320) Moore Avenue	0.04	20	R	05/02/2002
To: From:	85-790 Center Street		 	
Moore Avenue	0.08	90	R	1999
85 To:	85-1321 Craig Street			
From:	85-1320 Moore Avenue			
(1321) Craig Street	0.08	80	R	05/02/2002
Craig Street	85-1322 Randall Street		1	
From:	Dead End		l	
(1322) Randall Street	0.06	46	R	1999
(1322) Randall Street			, '`	1000
From Prom	85-790 Center Street	440	一	05/04/0000
Randall Street	0.08	140	R 1	05/01/2002
	85-1321 Craig Street			
From:	US 11		J _	
(1323) Medical Drive	0.06	250	R	1999
The state of the s	Dead End			
From:	SR 263			
(1324) Orkney Drive	0.03	750	R	05/06/2002
To: From:	85-1306 Broad Street		 	
(1324) Orkney Drive	0.07	880	R	1999
To:	85-1304 Gospel Street		1	
(1324) Orkney Drive	0.16	510	R	05/06/2002
Orkney Drive	US 11	310	1 ``	03/00/2002
From:			! !	
	85-1310 Dogwood Drive 0.13	110	J R	1999
1325 EIM Drive	85-1316 East Avondale Aver		1 ``	1999
From:		iuc	<u>. </u>	
	Dead End	200	J R	05/06/2002
1326 Wunder Street	0.07	200	_ K	05/06/2002
To: From:	0.07 ME Dead End		}—	
(1326) Wunder Street	0.05	200	R	05/06/2002
To:	85-1305 Lonas Street		 	
(1326) Wunder Street	0.08	250	R	05/06/2002
85 To:	85-1306 Broad Street			
From:	Dead End		1	
(1327)	0.12	140	R	1999
(1327) 85	85-1301		<u></u>	
From:	Dead End			
Railroad Street	0.03	10	R	05/02/2002
Railroad Street			1	
Pailroad Street	85-743 Shenandoah Street	270	_	05/02/2002
(1328) Railroad Street	0.07	270	R	05/02/2002
From:	85-1329 Second Avenue		 	
(1328) Railroad Street	0.13	310	R	1999
65) To:	85-753 Jackson Street]	
From:	85-743 Shenandoah Street			
(1329) Second Avenue	0.10	47	R	05/02/2002
85 To:	85-1328 Railroad Street			

Route	Length	AADT	QA	Year
Town of Mt. Jack	son		_	
From:	85-753 Jackson Street			
1330 First Avenu	ue 0.14	60	R	1999
To:	85-1333 Painters Street		_	
(1330) First Avenu	ue 0.11	100	R	05/02/2002
To:	US 11			
From:	85-1306 Broad Street			
(1331) Robin Stree	et 0.06	350	R	1999
85 To-	85-1301			
From:	85-1305 Lonas Street		1	
(1332)	0.08	80	R	05/06/2002
85 To:	85-1306 Broad Street			
From:	85-753 Jackson Street			
(1333) Painters St	reet 0.20	40	R	1999
85 To-	85-1330 First Avenue			
From:	US 11			
(1334)	0.19	140	R	05/06/2002
85 To:	ECL Mt Jackson			

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