2015
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report
269

Town of New Market

Information in this report is included in Report

85

(Shenandoah 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.

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Traffic Engineering Division
2015
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of New Market

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: Shenandoah County Line															
11 South Congress St	Town of New Market (Maint: 85)	1.16	**4100**	**G**	96%	0%	1%	1%	2%	0%	C	0.108		0.565	4300	G
	To: US 211 South Int New Market															
	From: US 211 South Int New Market															
11 211 Congress St	Town of New Market (Maint: 85)	0.27	**7300**	**G**	96%	0%	1%	1%	2%	0%	F	0.083		0.536	7700	G
	To: US 211 North Int New Market															
	From: US 211 North Int New Market															
11 North Congress St	Town of New Market (Maint: 85)	0.36	**5500**	**G**	95%	1%	1%	1%	2%	0%	F	0.091		0.523	5700	G
	To: NCL New Market															
	From: SCL New Market															
North 81	Town of New Market (Maint: 85)	0.85	**20000**	**G**	75%	1%	1%	1%	21%	2%	F	0.070			19000	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**39000**	**G**	74%	1%	1%	1%	22%	2%	F	0.071	F	0.505	38000	G
	To: NCL New Market															
	From: SCL New Market															
South 81	Town of New Market (Maint: 85)	0.24	**21000**	**A**	73%	1%	1%	1%	23%	2%	F	0.115			20000	A
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**43000**	**A**	74%	1%	1%	1%	22%	2%	F	NA			40000	A
	To: US 211 Old Cross Rd															
	From: US 211 Old Cross Rd															
South 81	Town of New Market (Maint: 85)	0.61	**20000**	**G**	73%	1%	1%	1%	23%	2%	F	0.073			18000	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		**39000**	**G**	74%	1%	1%	1%	22%	2%	F	0.071	F	0.505	38000	G
	To: NCL New Market															
	From: I-81 West of New Market															
211 W Old Cross Rd	Town of New Market (Maint: 85)	0.26	**11000**	**G**	92%	1%	1%	1%	5%	0%	F	0.083		0.568	11000	G
	To: US 11 New Market South Int															
	From: US 11 S, Congress St; South Congress St															
211 11 Congress St	Town of New Market (Maint: 85)	0.27	**7300**	**G**	96%	0%	1%	1%	2%	0%	F	0.083		0.536	7700	G
	To: US 11 N, North Congress St; Congress St															
	From: US 11 New Market North Int															
211 Lee Highway	Town of New Market (Maint: 85)	0.45	**6100**	**G**	92%	1%	1%	1%	5%	0%	C	0.088		0.572	6400	G
	To: ECL New Market															
	From: WCL New Market															
211 W Old Cross Rd	Town of New Market (Maint: 85)	0.42	**6100**	**N**	93%	1%	1%	1%	4%	0%	N	0.086		0.55	6400	N
	To: I-81 West of New Market															
	From: SR 211 W Old Cross Rd															
305 George Collins Parkway	Town of New Market (Maint: 85)	1.79	**170**	**G**	98%	0%	0%	1%	1%	0%	C	0.211		0.686	170	G
	To: Battlefield Park Entrance															

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Town of New Market																
619 85 Miller Lane	0.08	**170**	From: SCL New Market **R** To: SR 211; SR 305 George Collins Pkwy								NA			NA		09/29/2014
719 85 Dixie Lane	0.06	**1200**	From: US 11, North Congress St **R** To: 85-1001 John Sevier Rd								NA			NA		07/27/2011
719 85 Dixie Lane	0.10	**90**	From: 85-1001 John Sevier Rd **R** To: Dead End								NA			NA		09/29/2014
735 85 Smith Creek Rd	0.05	**810**	From: 85-1002 Old Cross Rd **R** To: ECL New Market								NA			NA		09/29/2014
787 85 Shenandoah Dr	0.35	**370**	From: SR 211 Old Cross Rd **R** To: Cul-de-Sac								NA			NA		09/29/2014
823 85 Clicks Lane	0.40	**1000**	From: US 11 South Congress St **R** To: ECL New Market								NA			NA		03/28/2002
1001 85 John Sevier Rd	0.80	**1600**	From: 85-1020 Fairway Dr **G**	98%	1%	0%	1%	0%	0%	C	0.113		0.517	1700	G	2015
1001 85 John Sevier Rd	0.09	**980**	To: US 211 Lee Hwy From: 85-719 Dixie Lane **R**								NA			NA		07/27/2011
1001 85 John Sevier Rd	0.07	**80**	To: Dead End From: US 11; US 211 **R**								NA			NA		09/29/2014
1002 85 Old Cross Rd	0.05	**2600**	To: 85-1001 John Sevier Rd From: 85-735 Smith Creek Rd **G**	94%	0%	1%	2%	4%	0%	F	0.087		0.542	2700	G	2015
1002 85 Old Cross Rd	0.37	**2200**	To: 85-735 Smith Creek Rd From: ECL New Market **G**	94%	0%	1%	2%	4%	0%	C	0.112		0.7	2300	G	2015
1002 85 Old Cross Rd	0.13	**1700**	To: ECL New Market From: Dead End **G**	94%	0%	1%	2%	4%	0%	F	0.119		0.748	1800	G	2015
1003 85 Cadet Rd	0.20	**830**	From: Dead End **R**								NA			NA		07/20/2011
1003 85 Cadet Rd	0.05	**400**	To: 85-1005 Ashby Lane From: 85-1004 Stonewall St **R**								NA			NA		10/01/2014
1003 85 Cadet Rd	0.42	**860**	To: US 211, W Old Cross Rd From: WCL New Market **G**	98%	1%	0%	0%	0%	0%	C	0.109		0.559	910	G	2015
1004 85 Stonewall St	0.06	**200**	To: 85-1003 Cadet Rd From: 85-1003 Cadet Rd **R**								NA			NA		07/20/2011
1004 85 Stonewall St	0.09	**420**	To: US 11, South Congress St From: US 11, South Congress St **G**	98%	2%	1%	0%	0%	0%	C	0.118		0.510	450	G	2015
1004 85 Stonewall St	0.06	**120**	To: 85-1001 John Sevier Rd From: 85-1003 Cadet Rd **R**								NA			NA		10/01/2014
1005 85 Ashby Lane	0.09	**380**	To: US 11, South Congress St From: US 11 Congress St **R**								NA			NA		09/29/2014
1006 85 East Seminary Lane	0.06	**190**	To: 85-1001 John Sevier Rd From: Dead End **R**								NA			NA		07/20/2011
1007 85 West Lee St	0.06	**150**	To: 85-1003 Cadet Rd													

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Town of New Market																
1007 85 West Lee St	0.10	**570**	From: 85-1003 Cadet Rd **R** To: US 11, South Congress St								NA			NA		10/01/2014
1007 85 West Lee St	0.06	**760**	From: 85-1001 John Sevier Rd **R** To: Dead End								NA			NA		07/20/2011
1007 85 West Lee St	0.10	**120**	From: 85-1003 Cadet Rd **R** To: US 11, South Congress St								NA			NA		10/01/2014
1008 85 Confederate St	0.10	**210**	From: 85-1001 John Sevier Rd **R** To: Dead End								NA			NA		07/20/2011
1008 85 Confederate St	0.06	**280**	From: 85-1003 Cadet Rd **R** To: US 11, South Congress St								NA			NA		10/01/2014
1008 85 Confederate St	0.09	**140**	From: 85-1001 John Sevier Rd **R** To: Dead End								NA			NA		10/01/2014
1009 85 Stuart St	0.10	**260**	From: 85-1003 Cadet Rd **R** To: US 11, South Congress St								NA			NA		07/20/2011
1009 85 Stuart St	0.06	**310**	From: 85-1001 John Sevier Rd **R** To: Dead End								NA			NA		10/01/2014
1010 85 Breckenridge Rd	0.15	**90**	From: Dead End **R** To: 85-1001 John Sevier Rd								NA			NA		07/27/2011
1011 85 Clark St	0.11	**100**	From: 85-1001 John Sevier Rd **R** To: Dead End								NA			NA		09/29/2014
1012 85 Fairway Dr	0.19	**430**	From: 85-823 Clicks Lane **R** To: Dead End								NA			NA		07/20/2011
1013 85 Shenvalle Dr	0.20	**120**	From: 85-1012 Fairway Dr **R** To: Dead End								NA			NA		09/29/2014
1014 85 Shady Lane	0.04	**10**	From: Dead End **R** To: 85-1019 Pleasant View Dr								NA			NA		10/01/2014
1014 85 Shady Lane	0.08	**220**	From: 85-1017 Massanutten Ave **R** To: US 11 South Congress St								NA			NA		07/20/2011
1014 85 Shady Lane	0.03	**420**	From: Dead End **R** To: 85-1003 Cadet Rd								NA			NA		07/20/2011
1015 85 Early St	0.05	**150**	From: Dead End **R** To: US 11 Old Valley Pike								NA			NA		07/27/2011
1016 85 Shipp St	0.14	**40**	From: Dead End **R** To: 85-1014 Shady Lane								NA			NA		10/01/2014
1017 85 Massanutten Ave	0.21	**80**	From: Dead End **R** To: Dead End								NA			NA		07/20/2011
1017 85 Massanutten Ave	0.13	**110**	From: Dead End **R** To: SR 211 Old Cross Rd								NA			NA		09/29/2014
1018 85 Jackson Ave	0.08	**260**	From: Dead End **R** To: 85-1014 Shady Lane								NA			NA		07/20/2011
1019 85 Pleasant View Dr	0.21	**120**	From: Dead End **R** To: 85-1014 Shady Lane								NA			NA		07/20/2011

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Town of New Market																
1019 85 Pleasant View Dr	0.15	**120**	From: 85-1014 Shady Lane **R** To: 0.15 MS 85-1014								NA			NA		10/01/2014
1020 85 Fairway Dr	0.05	**1100**	From: US 11 South Congress St **R** To: 85-1001 John Sevier Rd								NA			NA		10/01/2014
1022 85 Clark St	0.08	**30**	From: 85-1011 Clark St **R** To: Dead End								NA			NA		07/27/2011
1033 85 Greenview Ln	0.09	**48**	From: Cul-de-Sac **R** To: 85-823 Clicks Lane								NA			NA		10/01/2014
1035 85 Tyler Dr	0.26	**230**	From: US 11 South Congress St **R** To: Cul-de-Sac								NA			NA		07/27/2011
1036 85 Sun Beau Court	0.09	**90**	From: Cul-de-Sac **R** To: 85-1035 Tyler Dr								NA			NA		07/27/2011
1037 85 Sun Briar Court	0.04	**30**	From: Cul-de-Sac **R** To: 85-1036 Sun Beau Court								NA			NA		07/27/2011
1038 85 Dillon Court	0.05	**40**	From: 85-1035 Tyler Dr **R** To: Cul-de-Sac								NA			NA		07/27/2011
1040 85 Woodbine Way	0.26	**150**	From: Dead End, SCL New Market **R** To: 85-1041 Periwinkle Lane								NA			NA		07/20/2011
1040 85 Woodbine Way	0.07	**300**	From: 85-1041 Periwinkle Lane **R** To: 85-823 Clicks Lane								NA			NA		07/20/2011
1041 85 Periwinkle Lane	0.18	**150**	From: Dead End **R** To: 85-1040 Woodbine Way								NA			NA		07/20/2011
1042 85 Heritage Ln	0.14	**100**	From: US 11, South Congress St **R** To: Dead End								NA			NA		10/01/2014
1044 85 Par Dr	0.16	**340**	From: 85-823 Clicks Lane **R** To: 85-1045 Tee Court								NA			NA		07/20/2011
1044 85 Par Dr	0.08	**48**	From: 85-1045 Tee Court **R** To: 85-1046 Bogey Ave								NA			NA		07/20/2011
1044 85 Par Dr	0.03	**20**	From: 85-1046 Bogey Ave **R** To: Dead End								NA			NA		07/20/2011
1045 85 Tee Court	0.07	**48**	From: Cul-de-Sac **R** To: 85-1046 Bogey Ave								NA			NA		07/20/2011
1045 85 Tee Court	0.08	**100**	From: 85-1046 Bogey Ave **R** To: 85-1044 Par Dr								NA			NA		07/20/2011
1045 85 Tee Court	0.19	**60**	From: 85-1044 Par Dr **R** To: Cul-de-Sac								NA			NA		07/20/2011
1046 85 Bogey Ave	0.13	**30**	From: 85-1045 Tee Court **R** To: 85-1044 Par Dr								NA			NA		07/20/2011