2009
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report
196

Town of Clintwood

Information in this report is included in Report

25

(Dickenson 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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2009
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Clintwood

Route	Jurisdiction		Length	AADT	QA	4Tire	Bus	Truck				QC	K Factor	QK	Dir Factor	AAWDT	QW
								2Axle	3+Axle	1Trail	2Trail						
		From:	WCL Clintwood														
83	Town of Clintwood (Maint: 25)		1.78	**8700**	**N**								0.092	N	0.509	9000	N
		To:	ECL Clintwood														

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Route	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
Town of Clintwood																
607 25 E Main St; Clintwood Ma	0.63	**4200**	**F**	98%	1%	1%	0%	0%	0%	C	0.115	F	0.575	4400	F	2009
From: SR 83 ; 25-1015																
To: 25-1010 W, Walnut St																
607 25 Main St	0.17	**4100**	**F**	98%	1%	1%	0%	0%	0%	F	0.118	F	0.574	4200	F	2009
From: 25-1010 W, Walnut St																
To: 25-1019 W, Phipps Circle																
607 25 E Main St	0.33	**3900**	**F**	98%	1%	1%	0%	0%	0%	F	0.12	F	0.567	4000	F	2009
From: 25-1019 W, Phipps Circle																
To: 25-733 Hospital Rd																
607 25 E Main St; The Lake Rd	0.56	**2700**	**F**	98%	1%	1%	0%	0%	0%	F	0.092	F	0.765	2800	F	2009
From: 25-733 Hospital Rd																
To: ECL Clintwood																
631 25 Brush Creek Rd	0.04	**270**	**R**								NA			NA		08/14/2003
From: 25-1014 Wave Dr																
To: SR 83																
631 25 Brush Creek Rd	0.15	**2300**	**F**	96%	0%	1%	2%	1%	0%	C	0.088	F	0.535	2500	F	2009
From: SR 83 Dickenson Hwy																
To: 0.15 MN SR 83 Dickenson Hwy																
631 25 Brush Creek Rd	0.37	**2000**	**F**	96%	0%	1%	2%	1%	0%	F	0.091	F	0.568	2200	F	2009
From: 0.15 MN SR 83 Dickenson Hwy																
To: NCL Clintwood																
672 25 Fox Town Rd	0.13	**2900**	**R**								NA			NA		08/14/2003
From: 25-607 E Main St																
To: 25-1005 Pleasant St																
672 25 Fox Town Rd	0.33	**1800**	**R**								NA			NA		08/14/2003
From: 25-1005 Pleasant St																
To: 25-707 Happy Valley Dr																
672 25	0.32	**640**	**R**								NA			NA		08/14/2003
From: 25-707 Happy Valley Dr																
To: ECL Clintwood																
696 25	0.50	**210**	**R**								NA			NA		08/14/2003
From: SR 83																
To: Dead End																
707 25 Happy Valley Dr	0.55	**830**	**R**								NA			NA		02/13/2007
From: 25-672 Fox Town Rd																
To: ECL Clintwood																
726 25 Holly Dr	0.21	**120**	**R**								NA			NA		02/13/2007
From: Dead End																
To: 25-707 Happy Valley Dr																
733 25 Hospital Rd	0.32	**730**	**R**								NA			NA		02/13/2007
From: 25-607 E Main St; The Lake Rd; E Main St																
To: NCL Clintwood																
765 25 Old Clintwood Hwy	0.03	**220**	**R**								NA			NA		02/23/2007
From: SR 83																
To: WCL Clintwood																
1001 25 Ida Lane	0.10	**90**	**R**								NA			NA		02/21/2007
From: Dead End																
To: 25-1007 Short St																
1001 25 Ida Lane	0.07	**90**	**R**								NA			NA		02/21/2007
From: 25-1007 Short St																
To: SR 83																
1001 25 McClure Ave	0.25	**1600**	**R**								NA			NA		02/13/2007
From: SR 83																
To: 25-607, E Main St																
1002 25	0.11	**90**	**R**								NA			NA		10/03/2000
From: SCL Clintwood																
To: SR 83																
1003 25 Volunteer Ave	0.10	**740**	**R**								NA			NA		02/23/2007
From: 25-607, E Main St																
To: 0.10 MN 25-607 E Main St																
1003 25 High St	0.05	**120**	**R**								NA			NA		02/23/2007
From: 0.10 MN 25-607 E Main St																
To: Dead End																

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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							
Town of Clintwood																
1004 25 Fairground Hollow	0.30	**400**	From: Dead End **R** To: SR 83								NA			NA		02/23/2007
1005 25 Pleasant St	0.12	**120**	From: Dead End **R** To: 25-672 Fox Town Rd								NA			NA		02/13/2007
1006 25 Pioneer St	0.13	**280**	From: 25-1007 Short St **R** To: SR 83; 25-1008								NA			NA		02/21/2007
1007 25 Short St	0.02	**80**	From: 25-1006 Pioneer St **R** To: 25-1008 Jessee St								NA			NA		02/21/2007
1007 25 Short St	0.03	**70**	From: **R** To: 25-1001 Ida Lane								NA			NA		02/21/2007
1008 25 Jessee St	0.27	**300**	From: Dead End **R** To: 25-1016 Crimson St								NA			NA		02/21/2007
1008 25 Jessee St	0.03	**370**	From: **R** To: SR 83								NA			NA		02/21/2007
1009 25 Chase St	0.03	**3800**	From: SR 83 **R** To: 25-1015 Settler ST; Jonah Mullins Dr								NA			NA		02/23/2007
1009 25 Chase St	0.13	**3300**	From: **R** To: 25-1001 McClure Ave								NA			NA		02/23/2007
1009 25 Chase St	0.09	**3500**	From: **R** To: Dead End								NA			NA		02/13/2007
1010 25 Walnut St	0.13	**280**	From: 25-607 W, Walnut St; E Main St **R** To: 25-607 E, Walnut St								NA			NA		02/13/2007
1011 25	0.02	**160**	From: 0.02 MW 25-1001 McClure Ave **R** To: 25-1001 McClure Ave								NA			NA		1994
1011 25 French St	0.04	**100**	From: **R** To: Dead End								NA			NA		02/13/2007
1012 25 Factory Dr	0.13	**140**	From: SR 83 **R** To: Dead End								NA			NA		02/21/2007
1013 25 Hampton St	0.13	**130**	From: ECL Clintwood **R** To: 25-672 Fox Town Rd								NA			NA		02/13/2007
1014 25 Wave Dr	0.17	**90**	From: SR 83 **R** To: 25-631 Brush Creek Rd								NA			NA		02/23/2007
1015 25 Jonah Mullins Dr	0.08	**980**	From: SR 83; 25-607 **R** To: 25-1009 Chase St								NA			NA		02/23/2007
1015 25 Settler St	0.04	**360**	From: **R** To: Dead End								NA			NA		02/23/2007
1016 25 Crimson St	0.03	**60**	From: 25-1006 Pioneer St **R** To: 25-1008 Jessee St								NA			NA		02/21/2007
1016 25 Crimson St	0.05	**60**	From: **R** To: 25-1001 Ida Lane								NA			NA		02/21/2007

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						2Axle	3+Axle	1Trail	2Trail							
Town of Clintwood																
1018 25 College View Addition L	0.42	**160**	From: 25-672 **R** To: ECL Clintwood								NA			NA		02/13/2007
1019 25 Phipps Circle	0.29	**70**	From: 25-607 W, Walnut St **R** To: 25-607 E, Walnut St								NA			NA		02/13/2007
1020 25 Jacob Yates Rd	0.24	**60**	From: Dead End **R** To: SR 83								NA			NA		02/23/2007
1021 25 Hughes Hollow	0.19	**60**	From: Dead End **R** To: 25-1020 Jacob Yates Rd								NA			NA		02/23/2007
1022 25 Old Orchard Rd	0.19	**70**	From: 25-1020 Jacob Yates Rd **R** To: Dead End								NA			NA		02/23/2007
1023 25 Spruce Lane	0.07	**6**	From: Dead End **R** To: 25-1004 Fairground Hollow								NA			NA		02/23/2007
1024 25 Orchard Dr	0.15	**90**	From: 25-696 **R** To: Dead End								NA			NA		02/23/2007
1027 25	0.32	**NA**	From: SR 83 To: Dead End								NA			NA		
9699 25 Greenwave Circle	0.10	**510**	From: SR 83 **R** To: Clintwood High Sch								NA			NA		02/23/2007
9702 25 Elementary Circle	0.18	**770**	From: 25-607 S, E Main St; The Lake Rd **R** To: 25-9703								NA			NA		02/09/2007
9702 25 Elementary Circle	0.01	**130**	From: **R** To: 25-607 N, E Main St; The Lake Rd								NA			NA		02/09/2007
9703 25	0.11	**260**	From: Cul-de-Sac **R** To: 25-9702 Parking Lot								NA			NA		02/09/2007