

2008

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

where available

Special Locality Report

105

Town of Clifton Forge

Information in this report is included in Report

03

(Alleghany 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

- North
 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
 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 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
 Traffic Engineering Division
 2008
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Town of Clifton Forge

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
From: WCL Clifton Forge																
  	Town of Clifton Forge (Maint: 03)	1.55					See I-64 for directional traffic volume estimates for this segment.									
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			12000	G	75%	1%	1%	1%	22%	1%	F	NA		12000	G	
To: ECL Clifton Forge																
From: WCL Clifton Forge																
  Ridgeway St	Town of Clifton Forge	0.27	8100	F	98%	0%	1%	0%	0%	0%	F	0.087	F	8500	F	
To: 6th St																
From: WCL Clifton Forge																
  Ridgeway St	Town of Clifton Forge	0.61	8800	F	98%	0%	1%	0%	0%	0%	C	0.087	F	9200	F	
To: Roxbury St																
From: WCL Clifton Forge																
  Ridgeway St	Town of Clifton Forge	0.14	4800	F	98%	0%	1%	0%	0%	0%	F	0.097	F	5100	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			8800	F	98%	0%	1%	0%	1%	0%	F	0.090	F	9300	F	
To: Commercial Ave																
From: WCL Clifton Forge																
    Ridgeway St	Town of Clifton Forge	0.07	4900	G	97%	1%	2%	0%	1%	0%	C	0.097	N	4900	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			8900	G	97%	1%	1%	0%	1%	0%	C	NA		9100	G	
To: Main St																
From: WCL Clifton Forge																
  Main St	Town of Clifton Forge	0.26	7800	F	97%	1%	1%	0%	1%	0%	C	0.089	F	8200	F	
To: B St																
From: WCL Clifton Forge																
  Main St	Town of Clifton Forge	0.06	6500	F	96%	1%	2%	0%	1%	0%	C	0.090	F	6800	F	
To: Bus US 220																
From: WCL Clifton Forge																
 Main St	Town of Clifton Forge	0.87	5700	F	99%	0%	1%	0%	0%	0%	C	0.095	F	6000	F	
To: ECL Clifton Forge																
From: WCL Clifton Forge																
  Roxbury St	Town of Clifton Forge	0.05	5500	F	98%	1%	1%	0%	1%	0%	C	0.085	F	5800	F	
To: Kesswick St																
From: WCL Clifton Forge																
  Kesswick St	Town of Clifton Forge	0.14	4000	F	98%	0%	0%	0%	1%	0%	C	0.089	F	4200	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			8800	F	98%	0%	1%	0%	1%	0%	F	0.090	F	9300	F	
To: Main St																
From: WCL Clifton Forge																
    Main St	Town of Clifton Forge	0.07	4100	F	98%	0%	1%	0%	1%	0%	C	0.086	F	4200	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			8900	G	97%	1%	1%	0%	1%	0%	C	NA		9100	G	
To: Ridgeway Street																
From: WCL Clifton Forge																
  	Town of Clifton Forge (Maint: 03)	1.55	6300	F	75%	1%	1%	1%	22%	1%	F	NA		5900	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			12000	G	75%	1%	1%	1%	22%	1%	F	NA		12000	G	
To: ECL Clifton Forge																

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Town of Clifton Forge

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
West	From: WCL Clifton Forge															
  	Town of Clifton Forge (Maint: 03)	1.55	6000	G	75%	1%	1%	1%	22%	1%	F	NA		5800	G	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		12000	G	75%	1%	1%	1%	22%	1%	F	NA		12000	G	
	To: ECL Clifton Forge															
    Main St	From: Ridgeway St															
	Town of Clifton Forge	0.07	4100	F	98%	0%	1%	0%	1%	0%	C	0.086	F	4200	F	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		8900	G	97%	1%	1%	0%	1%	0%	C	NA		9100	G	
	To: Keswick St															
 Main St	From: US 60 Par, Keswick St															
	Town of Clifton Forge	0.05	280	F	99%	0%	1%	0%	0%	0%	F	0.138	F	300	F	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		2600	F	95%	1%	2%	0%	1%	0%	F	0.098	F	2800	F	
	To: McCormick Blvd															
 McCormick Blvd	From: Main St															
	Town of Clifton Forge	0.07	270	F	98%	1%	1%	0%	0%	0%	C	0.135	F	300	F	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		1700	F	98%	0%	1%	1%	0%	0%	C	0.113	F	1800	F	
	To: SR 188 Par, Church St															
 McCormick Blvd	From: SR 188 Par, Church St															
	Town of Clifton Forge	0.23	770	F	99%	0%	1%	0%	0%	0%	C	0.104	F	0.57	830	F
	To: Lafayette St															
 Lafayette St	From: McCormick Blvd															
	Town of Clifton Forge	0.07	250	F	99%	0%	1%	0%	0%	0%	C	0.129	F	0.662	270	F
	To: Rose Ave															
 Rose Ave	From: Lafayette St															
	Town of Clifton Forge	0.22	600	F	97%	1%	2%	0%	0%	0%	C	0.100	F	0.516	650	F
	To: Tremont St															
 Tremont St	From: Rose Ave															
	Town of Clifton Forge	0.03	600	F	97%	1%	2%	0%	0%	0%	C	0.100	F	0.516	650	F
	To: Sioux Ave															
 Sioux Ave	From: Tremont St															
	Town of Clifton Forge	0.17	600	F	97%	1%	2%	0%	0%	0%	C	0.100	F	0.516	650	F
	To: 105-3551 Sioux Ave															
    Ridgeway St	From: Main St															
	Town of Clifton Forge	0.07	4900	G	97%	1%	2%	0%	1%	0%	C	0.097	N	4900	G	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		8900	G	97%	1%	1%	0%	1%	0%	C	NA		9100	G	
	To: Bus US 60 Commercial Ave															
 Commercial Ave	From: Bus US 60, Ridgeway															
	Town of Clifton Forge	0.05	1400	F	97%	0%	1%	1%	0%	0%	F	0.105	F	0.66	1500	F
	To: US 60 Par, Main Street															
 Commercial Ave	From: Bus US 60 Par, Main Street															
	Town of Clifton Forge	0.06	2300	F	95%	1%	3%	0%	1%	0%	C	0.098	F	0.676	2500	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		2600	F	95%	1%	2%	0%	1%	0%	F	0.098	F	2800	F	
	To: Church Street															
 Church St	From: Commercial Ave															
	Town of Clifton Forge	0.07	1400	F	97%	0%	1%	1%	0%	0%	C	0.107	F	0.613	1500	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		1700	F	98%	0%	1%	1%	0%	0%	C	0.113	F	1800	F	
	To: SR 188 McCormick Blvd															

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 Town of Clifton Forge

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: ECL Clifton Forge															
  	Town of Clifton Forge (Maint: 03)	1.55					See I-64 for directional traffic volume estimates for this segment.									
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 12000 G 75% 1% 1% 1% 22% 1% F NA 12000 G															
	To: WCL Clifton Forge															
	From: SCL Clifton Forge															
	Town of Clifton Forge	0.70	1800	F	95%	0%	1%	1%	2%	0%	C	0.099	F	0.586	1900	F
	To: Bus US 60															
 	Main St	Town of Clifton Forge	0.06	6500	F	96%	1%	2%	0%	1%	0%	C	0.090	F	6800	F
	To: B ST															
 	Main St	Town of Clifton Forge	0.26	7800	F	97%	1%	1%	0%	1%	0%	C	0.089	F	8200	F
	To: Ridgeway St															
   	Main St	Town of Clifton Forge	0.07	4100	F	98%	0%	1%	0%	1%	0%	C	0.086	F	4200	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 8900 G 97% 1% 1% 0% 1% 0% C NA 9100 G															
	To: Keswick St															
 	Keswick St	Town of Clifton Forge	0.14	4000	F	98%	0%	0%	0%	1%	0%	C	0.089	F	4200	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 8800 F 98% 0% 1% 0% 1% 0% F 0.090 F 9300 F															
	To: Roxbury St															
 	Roxbury St	Town of Clifton Forge	0.05	5500	F	98%	1%	1%	0%	1%	0%	C	0.085	F	5800	F
	To: Ridgeway St															
 	Ridgeway St	Town of Clifton Forge	0.61	8800	F	98%	0%	1%	0%	0%	0%	C	0.087	F	9200	F
	To: 6th St															
 	Ridgeway St	Town of Clifton Forge	0.27	8100	F	98%	0%	1%	0%	0%	0%	F	0.087	F	8500	F
	To: WCL Clifton Forge															

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Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Clifton Forge

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Clifton Forge																
(F206)	0.05	290	R								NA			NA		07/24/2008
			From: Dead End													
			To: Dead End													
(F207) Holly Hill Rd	0.34	80	R								NA			NA		07/24/2008
			From: 105-3551 Sioux Ave													
			To: Dead End													
(3550) Church St	0.12	1900	F	99%	0%	1%	0%	0%	0%	C	0.116	F	0.565	2000	F	2008
			From: ISR 188-P Commercial Street													
			To: 105-3553 Jefferson Ave													
(3550) Church St	0.33	1700	F	97%	1%	1%	0%	0%	0%	C	0.113	F	0.686	1700	F	2008
			From: Jefferson St													
			To: A Street													
(3551) Sioux Ave	0.25	500	F	98%	1%	1%	0%	0%	0%	C	0.112	F	0.544	530	F	2008
			From: SR 188; I-64													
			To: NCL Clifton Forge; 03-606													
(3553) Jefferson Ave	0.06	1800	F	98%	0%	1%	0%	1%	0%	C	0.096	F	0.644	1900	F	2008
			From: US 60 Main St													
			To: Church Street													
(3553) Jefferson Avenue	0.21	2100	F	98%	1%	1%	0%	0%	0%	C	0.091	F	0.549	2200	F	2008
			From: Church St													
			To: Lowell St													
(3553) Jefferson Avenue	0.15	1800	F	98%	1%	1%	0%	0%	0%	C	0.099	F	0.564	1900	F	2008
			From: Lowell St													
			To: Kensington Ave													
(3553) Jefferson Avenue	0.31	1400	F	99%	0%	0%	0%	0%	0%	C	0.103	F	0.57	1500	F	2008
			From: Kensington Ave													
			To: Benton St													
(3553) Jefferson Avenue	0.09	1100	F	99%	0%	0%	0%	0%	0%	F	0.096	F	0.522	1200	F	2008
			From: Benton St													
			To: Ingalls St													
(3555) Ingalls St	1.15	610	F	97%	1%	1%	0%	0%	0%	C	0.096	F	0.539	640	F	2008
			From: Main Street													
			To: Jefferson Ave													
A St		1500	G	98%	1%	1%	0%	0%	0%	C	0.098	F		1500	G	2008
			From: Church St													
			To: US 60													
A St		2500	F	96%	1%	1%	0%	2%	0%	C	0.097	F	0.572	2500	F	2008
			From: NCSX RR													
			To: US 60 Main Street													
Alleghany St		170	G								NA			170	G	2008
			From: 3rd St.													
			To: 2nd St.													
Chestnut St		350	G								NA			350	G	2008
			From: Oak Hill Avenue													
			To: ECL Clifton Forge													
Church St		1600	G	98%	1%	1%	0%	0%	0%	C	0.096	F		1600	G	2008
			From: Rose Ave													
			To: McCormick Blvd													
Commercial Avenue		320	F								0.117	F	0.537	320	F	2008
			From: Revere St.													
			To: I-64													
Jefferson Ave		620	F								0.098	F	0.524	620	F	2008
			From: Ingalls St													
			To: Jackson Street													
Oak Hill Avenue		1300	F								0.101	F	0.611	1300	F	2008
			From: US 60													
			To: Chestnut Street													
Rose Ave		1200	G								NA			1200	G	2008
			From: Church St													
			To: Lafayette St													