2011
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report
192

Town of Clarksville

Information in this report is included in Report

58

(Mecklenburg 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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Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Clarksville

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: SCL Clarksville															
15 College St	Town of Clarksville (Maint: 58)	0.73	**2800**	**N**	93%	1%	1%	1%	5%	0%	N	0.097	N	0.52	2800	N
	To: US 58 Virginia Ave															
	From: US 58; College St															
15 Bus 58 49 Virginia Ave	Town of Clarksville (Maint: 58)	0.88	**6300**	**G**	99%	0%	0%	0%	0%	0%	C	0.092	F	0.512	6400	G
	To: NCL Clarksville															
	From: WCL Clarksville															
49 Bus 58 Virginia Ave	Town of Clarksville (Maint: 58)	0.97	**3800**	**G**	99%	0%	0%	0%	1%	0%	C	0.092	F	0.514	3900	G
	To: US 15, US 58															
	From: US 15 W, College St															
49 15 Bus 58 Virginia Ave	Town of Clarksville (Maint: 58)	0.88	**6300**	**G**	99%	0%	0%	0%	0%	0%	C	0.092	F	0.512	6400	G
	To: NCL Clarksville															
	From: WCL Clarksville															
Bus 58 49 Virginia Ave	Town of Clarksville (Maint: 58)	0.97	**3800**	**G**	99%	0%	0%	0%	1%	0%	C	0.092	F	0.514	3900	G
	To:															
	From: US 15 W, College St															
Bus 58 15 49 Virginia Ave	Town of Clarksville (Maint: 58)	0.88	**6300**	**G**	99%	0%	0%	0%	0%	0%	C	0.092	F	0.512	6400	G
	To: NCL Clarksville															

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Town of Clarksville																
722 58	0.13	**600**	**N**	98%	1%	0%	1%	0%	0%	N	0.153	N	0.681	610	N	2011
From: WCL Clarksville To: ECL Clarksville																
723 58 Shiney Rock Rd	0.53	**360**	**G**	95%	2%	1%	1%	1%	0%	F	0.117	F	0.556	370	G	2011
From: SCL Clarksville To: US 15 College St																
750 58 Buffalo Rd	0.76	**820**	**G**	99%	1%	0%	0%	0%	0%	F	0.083	F	0.503	840	G	2011
From: WCL Clarksville To: 58-1125 Woodland Dr																
750 58 Buffalo Rd	0.64	**630**	**G**	99%	1%	0%	0%	0%	0%	C	0.1	F	0.677	640	G	2011
From: US 58 EAST																
750 58 8th St	0.09	**260**	**R**								NA			NA		09/06/2007
To: 58-1103 From:																
750 58 8th St	0.09	**70**	**R**								NA			NA		09/06/2007
To: Caroline St																
From: 58-750 Buffalo Rd																
1040 58	0.04	**130**	**R**								NA			NA		03/30/2010
To: WCL Clarkesville																
From: US 58																
1101 58 Russell St	0.23	**280**	**G**	97%	0%	1%	0%	1%	0%	C	0.105	F	0.5	290	G	2011
To: 58-750 Buffalo Rd																
From: 58-1109 East St																
1102 58 5th St	0.35	**70**	**R**								NA			NA		09/06/2007
To: US 58 From:																
1102 58 5th St	0.17	**550**	**R**								NA			NA		09/06/2007
To: 58-1108 Rose Hill Ave																
From: 58-1124, 9th St																
1103 58	0.20	**130**	**R**								NA			NA		10/01/2007
To: 58-1107, 7th St																
From: 58-1102, 5th St																
1104 58 Market St	0.10	**50**	**R**								NA			NA		09/06/2007
To: 58-1105, 4th St																
From: 58-1105 4th Street																
1104 58 Market St	0.26	**260**	**G**	98%	0%	1%	0%	1%	0%	C	0.152	F	0.6	270	G	2011
To: US 58; 2nd St																
From: Dead End																
1105 58 4th St	0.19	**110**	**R**								NA			NA		09/06/2007
To: 58-1109 East St From:																
1105 58 4th St	0.28	**360**	**G**	97%	1%	1%	0%	0%	0%	C	0.137	F	0.527	360	G	2011
To: 58-1104 Market St From:																
1105 58 4th St	0.08	**850**	**G**	97%	1%	1%	0%	0%	0%	F	0.119	F	0.514	860	G	2011
To: US 58 From:																
1105 58 4th St	0.25	**1500**	**R**								NA			NA		09/06/2007
To: 58-1108 Rose Hill Ave From:																
1105 58 4th St	0.09	**150**	**R**								NA			NA		09/06/2007
To: 58-1110 Dan Circle																
From: 58-1109 East St																
1106 58 3rd St	0.09	**30**	**R**								NA			NA		09/06/2007
To: Commerce St, Gap From:																
1106 58 3rd St	0.18	**30**	**R**								NA			NA		09/04/2007
To: 58-1108 Rose Hill Ave																
From: 58-1123 Commerce St																
1107 58 7th St	0.09	**130**	**R**								NA			NA		09/06/2007
To: 58-1117 Carolina St																

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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 Clarksville																
1107 58 7th St	0.18	**200**	**G**	98%	2%	0%	0%	0%	0%	C	0.127	F	0.593	210	G	2011
From: 58-1117 Carolina St																
To: US 58																
1108 58 Rose Hill Ave	0.19	**330**	**G**	98%	1%	0%	0%	0%	0%	C	0.126	F	0.511	340	G	2011
From: 58-750 Buffalo Rd																
To: 58-1122, 6th St																
1108 58 Rose Hill Ave	0.12	**180**	**R**								NA			NA		09/06/2007
From: 58-1105 S, 4th St																
1108 58 Rose Hill Ave	0.32	**380**	**R**								NA			NA		09/06/2007
To: 58-1105 N, 4th St																
1109 58 East St	0.17	**110**	**R**								NA			NA		09/18/2007
From: 58-1102, 5th St																
To: 58-1106, 3rd St																
1110 58 Dan Circle	0.19	**40**	**R**								NA			NA		09/06/2007
From: 58-1105, 4th St																
To: 58-1108 Rose Hill Ave																
1111 58 Forest Hill St	0.82	**210**	**R**								NA			NA		09/06/2007
From: 58-750 Buffalo Rd																
To: 58-1146 Oakview Dr																
1112 58 Carol Ave	0.08	**70**	**R**								NA			NA		09/04/2007
From: US 15 College St																
To: 58-1113 Mecklenburg Blvd																
1113 58 Mecklenburg Blvd	0.08	**60**	**R**								NA			NA		09/18/2007
From: 58-1115 Chandler St																
To: 58-1116 Gap																
1113 58 Mecklenburg Blvd	0.13	**70**	**R**								NA			NA		09/18/2007
From: 58-1114 Gap																
To: 58-1112 Carol Ave																
1114 58 Sunnyside St	0.08	**120**	**R**								NA			NA		09/18/2007
From: US 15 College St																
To: 58-1113 Mecklenburg Blvd																
1115 58 Chandler St	0.09	**130**	**R**								NA			NA		09/18/2007
From: US 15 College St																
To: 58-1113 Mecklenburg Blvd																
1116 58 Adams St	0.09	**90**	**R**								NA			NA		09/06/2007
From: US 15 College St																
To: 58-1113 Mecklenburg Blvd																
1117 58 Carolina St	0.14	**180**	**R**								NA			NA		09/18/2007
From: 58-1107, 7th St																
To: 58-1102, 5th St																
1118 58 Grace St	0.18	**49**	**R**								NA			NA		09/04/2007
From: 58-1111 Forest Hill St																
To: 58-1119 Ferry St																
1119 58 Ferry St	0.12	**140**	**R**								NA			NA		09/06/2007
From: 58-750 Buffalo Rd																
To: 58-1118 Grace St																
1119 58 Ferry St	0.23	**80**	**R**								NA			NA		09/06/2007
From: 58-1111 Forest Hill St																
To: 58-750 Buffalo Rd																
1120 58 Fontaine Garrett Dr	0.04	**350**	**R**								NA			NA		09/18/2007
From: WCL Clarksville																
To: Dead End																
1121 58 Sizemore St	0.04	**50**	**R**								NA			NA		09/06/2007
From: 58-1105, 4th St																

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Town of Clarksville																
1122 58 6th St	0.17	**130**	**G**	95%	2%	4%	0%	0%	0%	C	0.170	F	0.522	130	G	2011
From: US 58 To: 58-1108 Rose Hill Ave																
1123 58 Commerce St	0.10	**110**	**R**								NA			NA		09/06/2007
From: 58-1107, 7th St To: Dead End																
1124 58 9th St	0.09	**360**	**R**								NA			NA		09/06/2007
From: 58-1103 To: US 58, 9th St																
1125 58 Woodland Dr	0.31	**430**	**G**	97%	1%	1%	1%	1%	0%	C	0.116	F	0.654	440	G	2011
From: US 58 To: 58-750 Buffalo Rd																
1126 58 Nero St	0.04	**40**	**R**								NA			NA		09/06/2007
From: 58-750 Buffalo Rd To: 58-1141 Pine Valley Rd																
1127 58 Easley St	0.08	**120**	**R**								NA			NA		09/06/2007
From: 58-1128 Crescent Dr To: US 58																
1128 58 Crescent Dr	0.03	**30**	**R**								NA			NA		09/06/2007
From: Dead End To: 58-1130 W, Altavista Dr																
1128 58 Crescent Dr	0.20	**40**	**R**								NA			NA		09/06/2007
From: 58-1130 E, Altavista Dr To: Dead End																
1129 58 Park Ave	0.07	**70**	**R**								NA			NA		09/04/2007
From: Dead End To: US 58																
1130 58 Altavista Dr	0.10	**60**	**R**								NA			NA		09/04/2007
From: 58-1128 E, Crescent Dr To: 58-1128 W, Crescent Dr																
1131 58 Mansion Dr	0.34	**270**	**R**								NA			NA		09/06/2007
From: 58-1142 Venable Lane To: US 58																
1131 58 Mansion Dr	0.20	**170**	**R**								NA			NA		09/06/2007
From: US 58 To: 58-750 Buffalo Rd																
1132 58 Park Ave	0.17	**60**	**R**								NA			NA		09/06/2007
From: 58-1108 Rose Hill Ave To: 58-750 Buffalo Rd																
1140 58 Cedar St	0.09	**100**	**R**								NA			NA		09/06/2007
From: 58-1126 Nero St To: 58-1140 Cedar St																
1141 58 Pine Valley Ave	0.15	**90**	**R**								NA			NA		09/06/2007
From: 58-1131 Mansion Dr To: Dead End																
1142 58 Venable Lane	0.22	**90**	**R**								NA			NA		09/04/2007
From: 58-1142 Venable Lane To: US 58																
1143 58 Marshall Dr	0.30	**100**	**R**								NA			NA		09/04/2007
From: 58-1142 Venable Lane To: 58-1145 Westview Lane																
1144 58 Willow Oak Dr	0.17	**49**	**R**								NA			NA		09/04/2007
From: 58-1131 Mansion Dr To: 58-1148 Fairfield Dr																
1145 58 Westview Lane	0.05	**90**	**R**								NA			NA		09/04/2007

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						2Axle	3+Axle	1Trail	2Trail							
Town of Clarksville																
1145 58 Westview Lane	0.12	**80**	From: 58-1148 Fairfield Dr **R** To: 58-1143 Marshall Dr								NA			NA		09/04/2007
1146 58 Oakview Dr	0.09	**100**	From: 58-1111 Forest Hill St **R** To: 58-1147 Inlet Court								NA			NA		09/04/2007
1146 58 Oakview Dr	0.10	**70**	From: 58-1147 Inlet Court **R** To: Cul-de-Sac								NA			NA		09/04/2007
1147 58 Inlet Court	0.05	**10**	From: Cul-de-Sac **R** To: 58-1146 Oakview Dr								NA			NA		09/04/2007
1148 58 Fairfield Dr	0.17	**60**	From: 58-1142 Venable Lane **R** To: 58-1145 Westview Lane								NA			NA		09/04/2007
1149 58 Marrow St	0.10	**40**	From: WCL Clarksville **R** To: 58-1131 Mansion Dr								NA			NA		09/04/2007