

2004

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

where available

Special Locality Report

199

Town of Colonial Beach

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
- F 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



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



Secondary Route

Special Routes



Bus - Business Route

Bypas - Bypass Route

Truck - Truck Route



ALT - Alternate Route

Wve - 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 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
 Mobility Management Division
 2004
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Town of Colonial Beach

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
		From: NCL Colonial Beach														
205	Town of Colonial Beach (Maint: 96)	1.79	4300	N	96%	1%	1%	1%	0%	N	0.09	N	0.729	4400	N	
		To: WCL Colonial Beach														
		From: WCL Colonial Beach														
205 James Monroe Hwy	Town of Colonial Beach (Maint: 96)	0.27	5400	F	97%	1%	1%	1%	0%	F	0.082	F	0.534	5500	F	
		To: WCL Colonial Beach														
		From: WCL Colonial Beach														
Wye 205 Colonial Ave	Town of Colonial Beach (Maint: 96)	0.69	6500	N	98%	1%	1%	0%	0%	N	0.077	N	0.5	6700	N	
		To: End State Maintenance SR 205														

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						2Axle	3+Axle	1Trail	2Trail							
Town of Colonial Beach																
1101 96 Yeocomico Ln	1.35	550	F	98%	0%	1%	0%	1%	0%	C	0.105	F	0.712	560	F	2004
1101 96 Beach Terrace	0.06	950	R										NA	NA		06/18/2001
1102 96	0.09	90	R										NA	NA		07/13/2004
1102 96 Bancroft Ave	1.08	290	F	99%	0%	1%	0%	0%	0%	F	0.095	F	0.541	300	F	2004
1102 96 Washington Ave	0.12	2600	F	99%	0%	1%	0%	0%	0%	F	0.082	F	0.506	2600	F	2004
1102 96 Washington Ave	0.19	3500	F	99%	0%	1%	0%	0%	0%	C	0.085	F	0.549	3600	F	2004
1102 96 Washington Ave	0.28	550	F	99%	0%	1%	0%	0%	0%	F	0.094	F	0.64	560	F	2004
1103 96 Boundary Street	0.03	90	R										NA	NA		06/18/2001
1103 96 Boundary Street	0.11	790	F	98%	0%	1%	0%	1%	0%	C	0.098	F	0.541	810	F	2004
1103 96 Boundary Street	0.09	2200	R										NA	NA		06/18/2001
1103 96 Boundary Street	0.03	870	F	98%	0%	1%	0%	1%	0%	F	0.107	F	0.598	890	F	2004
1104 96 Thackary Street	0.26	60	R										NA	NA		06/18/2001
1105 96 Hamilton Street	0.26	45	R										NA	NA		06/18/2001
1106 96 Weems Street	0.26	40	R										NA	NA		06/18/2001
1107 96 Marshall Avenue	0.37	190	R										NA	NA		06/18/2001
1107 96 Marshall Avenue	0.58	460	R										NA	NA		06/18/2001
1107 96 Garfield Ave	0.12	1400	F	99%	0%	0%	0%	0%	0%	C	0.103	F	0.579	1400	F	2004
1107 96 Marshall Avenue	0.06	1400	R										NA	NA		06/18/2001
1108 96 Hawthorn Street	0.21	510	R										NA	NA		06/18/2001
1109 96 Taylor Street	0.12	720	R										NA	NA		06/18/2001
1110 96 Wilder Avenue	0.27	870	R										NA	NA		06/18/2001

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						2Axle	3+Axle	1Trail	2Trail								
Town of Colonial Beach																	
1111 96 Irving Avenue	0.21	240	F	98%	1%	1%	0%	0%	0%	C	0.129	F		250	F	2004	
				From:	96-1103												
				To:	96-1102												
1112 96 Taggart Street	0.28	260	R								NA			NA		06/25/2001	
				From:	SR 205 Y												
				To:	96-1113												
1113 96 Given Street	0.19	110	R								NA			NA		06/25/2001	
				From:	96-1126												
				To:	96-1102												
1114 96 First Street	0.60	2900	R								NA			NA		06/25/2001	
				From:	SR 205												
				To:	96-1134												
1115 96	0.60	220	R								NA			NA		06/25/2001	
				From:	SR 205												
				To:	96-1143												
1116 96 Lincoln Avenue	0.32	80	R								NA			NA		06/25/2001	
				From:	96-1159												
				To:	Dead End												
1117 96 Longfellow Avenue	0.12	45	R								NA			NA		06/25/2001	
				From:	96-1118												
				To:	96-1102												
1118 96	0.19	360	R								NA			NA		06/18/2001	
				From:	96-1127												
				To:	SR 205 Y												
1118 96	0.40	400	R								NA			NA		06/25/2001	
				From:	SR 1114												
				To:													
1119 96	0.74	190	R								NA			NA		06/18/2001	
				From:	96-1102												
				To:	96-1147												
1119 96	0.48	480	R								NA			NA		06/18/2001	
				From:	96-1103												
				To:													
1120 96 Lawrence Lane	0.29	70	R								NA			NA		06/18/2001	
				From:	96-1121												
				To:	96-1101												
1121 96 Monroe Bay Avenue	1.28	600	F	98%	0%	1%	0%	1%	0%	C	0.094	F	0.524	620	F	2004	
				From:	96-1101												
				To:	96-1103												
1122 96	0.25	40	R								NA			NA		06/18/2001	
				From:	96-1121												
				To:	96-1101												
1123 96	0.14	80	R								NA			NA		06/18/2001	
				From:	96-1121 S; 96-1104												
				To:	96-1121 NORTH												
1124 96 Lafayette Street	0.19	240	R								NA			NA		06/18/2001	
				From:	Dead End												
				To:	96-1121												
1124 96 Lafayette Street	0.26	80	R								NA			NA		06/18/2001	
				From:	96-1101												
				To:													
1125 96 Livingstone Street	0.32	120	R								NA			NA		06/18/2001	
				From:	96-1158												
				To:	96-1102												
1126 96 Lynnhaven Ave	0.13	1500	F	98%	1%	0%	0%	0%	0%	F	0.087	F	0.516	1500	F	2004	
				From:	96-1127												
				To:	96-1125												
1126 96 Lynnhaven Ave	0.06	1600	F	98%	1%	0%	0%	0%	0%	C	0.089	F	0.531	1600	F	2004	
				From:	SR 205 Y												
				To:													

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						2Axle	3+Axle	1Trail	2Trail							
Town of Colonial Beach																
(1126/96) Jackson St	0.59	880	F	98%	1%	0%	0%	0%	0%	F	0.093	F	0.521	900	F	2004
						From: SR 205 Y										
						To: 96-1140										
(1126/96) Myers Ave	0.05	380	F	98%	1%	0%	0%	0%	0%	F	0.094	F	0.565	390	F	2004
						From: 96-1141										
						To: 96-1152										
(1126/96) Myers Ave	0.30	230	F	98%	1%	0%	0%	0%	0%	F	0.106	F	0.667	230	F	2004
						From: 96-1126										
(1127/96) Dennison Street	0.10	1200	F	99%	0%	1%	0%	0%	0%	C	0.086	F	0.610	1200	F	2004
						To: 96-1107										
(1127/96) Dennison Street	0.17	140	R							NA			NA		06/18/2001	
						From: 96-1109										
						To: 96-1121										
(1128/96) Jefferson Street	0.18	60	R							NA			NA		06/18/2001	
						From: 96-1119										
						To: Dead End										
(1129/96) Madison Street	0.28	80	R							NA			NA		06/18/2001	
						From: 96-1101										
(1130/96) Sulgrave Street	0.23	50	R							NA			NA		06/18/2001	
						From: 96-1121										
						To: 96-1101										
(1131/96) Franklin Avenue	0.24	130	R							NA			NA		06/25/2001	
						From: 96-1159										
						To: 96-1102										
(1132/96)	0.16	520	R							NA			NA		06/25/2001	
						From: 96-1113										
						To: 96-1114										
(1133/96) Second Street	0.59	310	R							NA			NA		06/25/2001	
						From: SR 205										
						To: 96-1134										
(1134/96) Lee Street(The Beach)	0.12	70	R							NA			NA		06/25/2001	
						From: 96-1114										
						To: 96-1149										
(1135/96) Fourth Street	0.27	70	R							NA			NA		06/25/2001	
						From: 96-1160										
						To: 96-1143										
(1136/96) Riverview Circle	0.16	70	R							NA			NA		06/25/2001	
						From: SR 205										
						To: 96-1153										
(1137/96)	0.09	49	R							NA			NA		06/25/2001	
						From: 96-1126										
						To: 96-1143										
(1138/96) Virginia Avenue	0.10	80	R							NA			NA		06/25/2001	
						From: 96-1102										
						To: Dead End										
(1139/96) Maryland Avenue	0.10	80	R							NA			NA		07/13/2004	
						From: 96-1102										
						To: Dead End										
(1140/96)	0.27	40	R							NA			NA		06/25/2001	
						From: 96-1160										
						To: 96-1143										
(1141/96) Sixth Street	0.59	190	R							NA			NA		06/25/2001	
						From: SR 205										
						To: 96-1143										

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						2Axle	3+Axle	1Trail	2Trail							
Town of Colonial Beach																
1142 96 Seventh Street	0.58	270	R			From: 96-1143						NA		NA		06/25/2001
						To: SR 205										
1143 96 Beach Avenue	0.42	130	R			From: 96-1135						NA		NA		06/25/2001
						To: 96-1152										
1144 96 Dandridge Lane	0.20	60	R			From: 96-1121						NA		NA		06/18/2001
						To: 96-1101										
1145 96 Chamberlayne Street	0.24	40	R			From: 96-1121						NA		NA		06/18/2001
						To: 96-1101										
1146 96 Ball Street	0.22	48	R			From: 96-1121						NA		NA		06/18/2001
						To: 96-1101										
1147 96 Nelson Street	0.27	47	R			From: 96-1121						NA		NA		06/18/2001
						To: 96-1101										
1148 96 Vernon Street	0.20	30	R			From: 96-1121						NA		NA		06/18/2001
						To: 96-1119										
1149 96 Third Street (The Beach	0.57	180	R			From: SR 205						NA		NA		06/25/2001
						To: 96-1134										
1150 96 Eighth Street	0.28	90	R			From: 96-1160						NA		NA		06/25/2001
						To: 96-1143										
1151 96	0.11	47	R			From: 96-1126						NA		NA		06/25/2001
						To: 96-1143										
1152 96	0.55	560	R			From: SR 205						NA		NA		06/25/2001
						To: 96-1143										
1153 96	0.22	100	R			From: SR 205						NA		NA		06/25/2001
						To: 96-1136 Gap Terminus										
1153 96	0.45	160	R			From: 96-1163 Gap Terminus						NA		NA		06/25/2001
						To: Dead End										
1154 96 Mimosa Avenue	0.47	330	R			From: SR 205						NA		NA		06/25/2001
						To: 96-1153										
1155 96 Cedar Avenue	0.37	360	R			From: SR 205						NA		NA		06/25/2001
						To: 96-1153										
1157 96 Westmorland Avenue	0.06	80	R			From: 96-1158						NA		NA		06/18/2001
						To: Dead End										
1158 96 Billingsley Avenue	0.14	150	R			From: 96-1157						NA		NA		06/18/2001
						To: SR 205										
1159 96 Kintz Street	0.20	80	R			From: 96-1125						NA		NA		06/25/2001
						To: 96-1116										
1160 96	0.57	500	R			From: 96-1114						NA		NA		06/25/2001
						To: 96-1152										

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						2Axle	3+Axle	1Trail	2Trail							
Town of Colonial Beach																
(1161/96) Locust Avenue	0.47	250	R			From: SR 205						NA		NA		06/25/2001
						To: 96-1153										
(1162/96) Wakefield Street	0.31	130	R			From: 96-1161						NA		NA		06/25/2001
						To: 96-1136										
(1163/96)	0.25	70	R			From: 96-1161						NA		NA		06/25/2001
						To: 96-1153										
(1164/96) Monroe Street	0.20	90	R			From: Dead End						NA		NA		07/13/2004
						To: SR 205 Y										
(1165/96) Esmond Lane	0.12	40	R			From: 96-1144						NA		NA		06/18/2001
						To: 96-1120										
(1166/96) Euclid Street	0.16	910	R			From: SR 205 Y						NA		NA		06/25/2001
						To: 96-1114										
(1166/96) Euclid Street	0.06	540	R			From: 96-1133						NA		NA		06/25/2001
						To: 96-1133										
(1166/96) Euclid Street	0.06	460	R			From: 96-1149						NA		NA		06/25/2001
						To: 96-1149										
(1166/96) Euclid Street	0.13	270	R			From: 96-1141						NA		NA		06/25/2001
						To: 96-1141										
(1166/96) Euclid Street	0.05	NA				From: 96-01141(B)/						NA		NA		
						To: 96-01142(R)/										
(1167/96) Darl Circle	0.01	140	R			From: SR 205 WEST						NA		NA		07/11/2001
						To: SWCL Colonial Beach										
(1167/96) Darl Circle	0.01	160	R			From: SCL Colonial Beach						NA		NA		07/11/2001
						To: SR 205 EAST										
(1168/96)	0.04	NA				From: 96-01124(B)/						NA		NA		
						To: 96-01121(B)/96-01148(R)/										
(1169/96)	0.14	NA				From: 96-01165(B)/						NA		NA		
						To: 96-01119(B)/										