2020

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

where available

Special Locality Report

199

Town of Colonial Beach

Information in this report is included in Report

96

(Westmoreland County)

Prepared By

Virginia Department of Transportation Traffic Engineering Division

In Cooperation With

U.S. Department of Transportation Federal Highway Administration The reported 2020 AADTs represent the best estimate of 2020 average daily traffic, however, this year's AADTs do vary from normal traffic in the years prior to 2020 due to COVID-19. The reported AADTs may not represent typical traffic for a given day or period within the year as the drastic seasonal variations were normalized through the factoring process. The 2020 publications are therefore colored to draw users attention to the fact that uses of the 2020 published estimates versus alternative data sources should be determined at users' discretion based on the objectives or nature of the analyses being performed.

The estimated 2020 DVMT for the entire state maintained network total to 208,000,000, which has trended down by 11 percent compared to the 2019 level of 234,000,000. For most traffic links across the state, the estimated 2020 AADTs are also seen to have decreased from their 2019 levels.

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 buses.

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 81	Interstate Route are reported separately by direction, as well as combined.
29	US Route
7	Virginia State Route
F241	Frontage Road (F precedes frontage route number)
600	Secondarv Route
	Special Routes
Bus 29 ALT 220	Bus - Business Route Bypas - Bypass Route Truck - Truck Route ALT - Alternate Route Wye - Wye Route connector
(1,1)	P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.
600 154	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.

Virginia Department of Transportation Traffic Engineering Division 2020 Annual Average Daily Traffic Volume Estimates By Section of Route Town of Colonial Beach																
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		Truc 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW
	From:	NWC	L Colonial	Beach												
205	Town of Colonial Beach (Maint: 96)	1.77	4400	Ν	97%	0%	1%	1%	1%	0%	Ν	0.085	F	0.665	4300	Ν
~	To:		Y SR 205													
(205) James Monroe Hwy, McKinney Blvd	Town of Colonial Beach (Maint: 96)	0.29	4300	G	97%	0%	1%	1%	1%	0%	F	0.092	F	0.510	4300	G
\checkmark	To:	SCL	Colonial B	each												
Wye	From:	WCI	Colonial B	Beach												
205 Colonial Ave	Town of Colonial Beach (Maint: 96)	0.69	5300	Ν	98%	0%	1%	0%	0%	0%	Ν	0.080	F	0.585	5200	Ν
	To:	End State	Maintenand	ce SR 20	5											

		A a a			Tra	ffic Eng	nent of T ineering 2020	Divisio	า	tion o	f Douto								
		Anr	iuai Av	/erage L			olume Es Colonial		S By Sec		r Route								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Facto	, QK	Dir Factor	AAWDT	QW	Year			
Town of Colonial Beach		From	1			06 1101 1	(D												
(1101) Irving Ave	1.35	670	G	98%	0%	1%	Monroe Ba 0%	0%	0%	С	0.121	F	0.557	650	G	2020			
Beach Terrace	0.06	From 540	R				3 Boundary				NA			NA		06/24/2019			
		From					9 Lossing A												
Bancroft Ave	0.09	110 To	R				Dandridge				NA			NA		05/25/2016			
Bancroft Ave	1.08	320 From To	G	98%	1%	0%	0% S, Bounda	0%	0%	С	0.109	F	0.553	310	G	2020			
(1102) Washington Ave	0.12	From 2200	G	98%	0%	<u>96-1103</u> 1%	N, Bounda 0%	ry St 0%	0%	С	0.095	F	0.502	2200	G	2020			
(1102) 96 Washington Ave	0.19	From 3000	G	98%	0%	1%	7 Dennisor 0%	<u>n St</u> 0%	0%	С	0.09	F	0.589	3000	G	2020			
(1102) Washington Ave	0.28	410 To	G	99%	0%	0%	R 205 Y 0% 13 Given S	0%	0%	С	0.09	F	0.546	410	G	2020			
		From					ead End												
Boundary St	0.03	160 To	R				Monroe Ba	y Ava			NA			NA		06/24/2019			
Boundary St	0.11	620 To	G	98%	0%	1%	0% , Washingt	0%	0%	С	0.099	F	0.512	610	G	2020			
Boundary St	0.09	From 1800	R				, Washingt				NA			NA		08/07/2013			
Boundary St	0.03	960 To	G	98%	0%	1%	rving Ave 0% Beach Ter	0%	0%	F	0.106	F	0.594	940	G	2020			
		From					Monroe Ba												
Thackary St	0.26	50 ^{To}	R				Yeocomico				NA			NA		06/27/2019			
		From	-			96-1121 N	Monroe Ba	y Ave											
(1105) Hamilton St	0.26	60	R										NA NA 06/27/20						
		From					Yeocomico												
(1106) Weems St	0.26	45	R			96-11211	Monroe Ba	y Ave			NA			NA		06/24/2019			
(1106) Weems St		To	-			96-1101	Yeocomico	Lane											
		From	-			96-1120	Lawrence	Lane											
(1107) Marshall Ave	0.37	220	R								NA			NA		06/27/2019			
(1107) Marshall Ave	0.58	To From 390	R			96-1	122 Wirt S	t			NA			NA		06/24/2019			
(1107) Garfield Ave	0.12	From 1000	G	99%	0%	96-110 1%	3 Boundary 0%	y St 0%	0%	С	0.084	F	0.578	1000	G	2020			
	0.06	210	R			96-112	7 Dennisor	n St			NA			NA		06/25/2019			
(1107) Marshall Ave		To				96-111	0 Wilder A	ve											
Hawthorn St	0.21	From 420	R			96-110	7 Garfield	Ave			NA			NA		06/24/2019			
		To				96-1101	Beach Ter	тасе											
Taylor St	0.10	From				96-110	8 Hawthorn	n St						NIA		06/24/2010			
Taylor St	0.12	590 To	R			96-111	0 Wilder A	ve			NA			NA		06/24/2019			
		From	:				Lynnhaver												
Wilder Ave	0.27	160	R			20 1120					NA			NA		06/25/2019			
96		To				96-11	09 Taylor	St											

				Vi		Department ffic Engineer	ring Division									
		Anr	ual Av	verage [2020 raffic Volum own of Color	e Estimates	By Sec	ction o	f Route						
Route	Length	AADT	QA	4Tire	Bus		Truck Axle 1Trail		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year	
Town of Colonial Beach	0.01	From:		000/	40/	96-1103 Bou		00/								
(1111) Irving Ave	0.21	120 To:	G	98%	1%	1% 0 96-1102 Washi	% 0% ngton Ave	0%	С	0.142	F		110	G	2020	
		From:				SR 205										
(1112) Taggart St	0.28	120 To:	R			96-1113 Gi	ven St			NA			NA		06/27/2019	
		From:				96-1126 Jac										
(1113) Given St	0.19	110 To:	R			96-1102 Washi	ngton Ave			NA			NA		06/26/2019	
		From:				SR 20										
(1114) First St	0.60	1600	G	98%	1%	0% 0	% 0%	0%	С	0.122	F	0.548	1500	G	2020	
		To: From:			90	6-1134 Lee St<										
Ninth St	0.60	130	R			SR 20	5			NA			NA		06/25/2019	
96		To				96-1143 Bea										
Lincoln Ave	0.32	From: 40	R			96-1159 K	intz St			NA			NA		08/07/2013	
Lincoln Ave	0.02	To:				Dead E	nd						10/1		08/07/2013	
		Fram				96-1118 Garl	ield Ave									
Longfellow Ave	0.12	30 To	R			96-1102 Washi	ngton Ave			NA			NA		06/27/2019	
		From:				96-1127 Den										
Douglas Ave	0.19	240	R							NA			NA		06/25/2019	
	0.40	From				SR 205	Y			NA			NIA		00/00/0010	
(1118) Garfield Ave	0.40	220	R 96- 1114 First St										NA		06/26/2019	
		From:				96-1102 Ban	croft Ave									
(1119) Lossing Ave	0.74	200	R							NA			NA		06/27/2019	
(1119) Lossing Ave	0.48	510	R			96-1147 Ne	lson St			 NA			NA		06/27/2019	
Lossing Ave	0.10	To:				96-1103 Bou	ndary St						101		00/21/2010	
		From:				96-1121 Monro	e Bay Ave									
Lawrence Lane	0.29	70	R			96-1101 Yeoco	mico Lane			NA			NA		06/27/2019	
		From:				96-1101 Yeoco				1						
Monroe Bay Ave	1.28	640	G	98%	0%	1% 0	% 0%	0%	С	0.117	F	0.505	620	G	2020	
		To: From:				96-1103 Bou 96-1121 Monro										
(1122) 96 Wirt St	0.25	50	R				bay Ave			NA			NA		06/27/2019	
96		To:				96-1101 Yeoco										
(1123) Robin Grove Lane	0.14	From: 110	R			96-1121 S; 9	06-1104			NA			NA		06/27/2019	
(1123) Robin Grove Lane	0.14	Tor			96	6-1121 N, Mon	roe Bay Ave						INA.		00/21/2013	
		From:	L			Dead E	nd									
Lafayette St	0.19	170	R							NA			NA		06/24/2019	
(1124) Lafayette St	0.26	From: 50	R		9	96-1121 Monro	e Bay Ave			NA			NA		06/24/2019	
Lafayette St		To:	_			96-1101 Yeoco	mico Lane									
	0.00	From:				96-1158 Billin	gsley Ave						NIA		00/05/0040	
Livingstone St	0.32	180 To:	R			96-1102 Washi	ngton Ave			NA			NA		06/25/2019	
		From:				96-1127 Den	nison St									
Lynnhaven Ave	0.13	1100	G	99%	0%		% 0%	0%	С	0.092	F	0.583	1100	G	2020	
	0.06	From: 1100	G	98%	0%	96-1125 Livin	gstone St % 1%	0%	С	0.085	F	0.611	1100	G	2020	
(1126) Lynnhaven Ave	0.00	To:	ŭ	0070	0 /0	SR 205		070	0	0.000		0.011	1100	G	2020	

6/13/2021

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06/25/2019

				Vi		Department of Transport ffic Engineering Division 2020	ation						
		Anr	ual A	verage I		raffic Volume Estimates own of Colonial Beach	By Section of	of Route					
Route	Length	AADT	QA	4Tire	Bus	Truck 2Axle 3+Axle 1Trail	00	K Factor	QK	Dir Factor	AAWDT	QW	Year
Town of Colonial Beach		From:				96-1143 Beach Ave		1					
(1142) Seventh St	0.58	120	R					NA			NA		06/25/2019
		To:				SR 205							
(1143) Beach Ave	0.42	From: 200	R			96-1135 Fourth St		NA			NA		06/25/2019
(1143) Beach Ave	0.42	To:				96-1152 Twelfth St					1073		00/20/2010
		From:				96-1121 Monroe Bay Ave							
Dandridge Lane	0.20	47	R					NA			NA		06/27/2019
		To:				96-1101 Yeocomico Lane							
(1145) Chamberlayne St	0.24	From: 40	R			96-1121 Monroe Bay Ave		NA			NA		06/27/2019
(1145) Chamberlayne St	0.24	40 To:	n			96-1101 Yeocomico Lane					NA		00/27/2019
		From:				96-1121 Monroe Bay Ave							
(1146) Ball St	0.22	50	R					NA			NA		06/27/2019
96		To:				96-1101 Yeocomico Lane							
		From:				96-1121 Monroe Bay Ave							
(1147) Nelson St	0.27	50	R			oc 1101 V · V		NA			NA		06/27/2019
		10.				96-1101 Yeocomico Lane							
Vernon St	0.20	40	R			96-1121 Monroe Bay Ave		NA			NA		06/24/2019
	0.20	Tor				96-1119 Lossing Ave		Ť					00/24/2010
		From:				SR 205							
$(1149)_{96}$ Third Street <the bea<="" td=""><td>130</td><td>R</td><td></td><td></td><td></td><td></td><td>NA</td><td></td><td></td><td>NA</td><td></td><td>06/26/2019</td></the>	130	R					NA			NA		06/26/2019	
30		To:			96	5-1134 Lee St <the beach=""></the>							
	0.00	From:				96-1160 Dwight Ave							00/05/0040
Eighth St	0.28	80 To:	R			96-1143 Beach Ave		NA			NA		06/25/2019
		From:				96-1126 Myers Ave		1					
(1151) Tenth St	0.11	49	R			90-1120 Myels Ave		NA			NA		06/25/2019
(1151) (1151) (1151) (1151)		To:				96-1143 Beach Ave							
		From:				SR 205							
Twelfth St	0.55	540	G	99%	0%	0% 0% 0%	0% C	0.104	F 0.589	0.589	530	G	2020
		To:				96-1143 Beach Ave							
(1153) Riverview Circle		From:				SR 205		NA			NA		06/26/2019
(1153) Riverview Circle		140 To:	R			96-1136 Gap					NA		00/20/2019
		From:				96-1163 Gap							
(1153) Riverview Dr	0.45	48	R					NA			NA		06/26/2019
		To:				Dead End							
(1154) Mimosa Ave	0.47	From: 230	R			SR 205		NA			NA		06/26/2019
(1154) Mimosa Ave	0.47	2 30				96-1153 Riverview Dr					NA		00/20/2013
		From:				SR 205							
Cedar Ave	0.37	280	R					NA			NA		06/26/2019
96		To:				96-1153 Riverview Dr							
\sim		From:				96-1158 Billingsley Ave							
(1157) Westmoreland Ave	0.06	30	R			DeciPril		NA			NA		04/16/2019
		From:			~	Dead End							
(1158) Billingsley Ave	0.14	110	R		9	6-1157 Westmoreland Ave		NA			NA		06/25/2019
(1158) Billingsley Ave		To:				SR 205							
		From:				96-1125 Livingstone St							
(1159) Kintz St	0.20	50	R					NA			NA		06/27/2019
		To:				96-1116 Lincoln Ave							
Duricht Aug	0.57	From:				96-1114 First St					NIA		06/05/0010
Dwight Ave	0.57	420	R			96-1152 Twelfth St		NA			NA		06/25/2019
						70-1152 Twenul St							

		Anr	ual A		Traf Daily Tr	fic Engi affic Vo	ent of Transpor neering Divisior 2020 lume Estimates Colonial Beach	n	tion of	Route						
Route	Length	AADT	QA	4Tire	Bus		Truck 3+Axle 1Trail		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year	
Town of Colonial Beach		From:					D 205									
(1161) Locust Ave	0.47	190	R			c	R 205			NA			NA		06/26/2019	
(1161) Locust Ave		To:				96-1153	Riverview Dr									
		From:				96-116	l Locust Ave									
(1162) Wakefield St	0.31	70	R							NA			NA		06/26/2019	
		10.					iverview Circle			_						
(1163) Stratford St	0.25	From: 80	R			96-116	l Locust Ave			NA			NA		06/26/2019	
(1163) Stratford St	0.20	To:				96-1153	Riverview Dr						1.0.1		00/20/2010	
		From:					ead End									
Monroe St	0.20	130	R							NA			NA		04/13/2016	
y.		To:				SI	R 205 Y									
<u> </u>		From:				96-1144 I	Dandridge Lane									
(1165) Esmond Lane	0.12	30	R			06 1100 1				NA			NA		06/27/2019	
							Lawrence Lane			_						
(1166) Euclid St	0.16	From: 980	R			SI	R 205 Y			NA			NA		06/27/2019	
Luclid St	0.10	300											IN/A		00/21/2015	
(1166) Euclid St	0.06	From: 680	R			96-11	14 First St			NA			NA		06/26/2019	
(1166) Euclid St	0.00	000											IN/A		00/20/2013	
(1166) Euclid St	0.06	590	R			96-113	3 Second St			NA			NA		06/26/2019	
Luclid St	0.00	Tor			0.6	1140 751	10, (T) D 15								00/20/2010	
(1166) Euclid St	0.13	From: 380	R		96-	1149 Thu	d St <the beach=""></the>			NA			NA		06/25/2019	
Euclid St	0110	Tor				06.11	41.0. 4.0.								00,20,2010	
(1166) Euclid St	0.05	Prom. 240	R			96-11	41 Sixth St			NA			NA		06/26/2019	
Luclid St	0.00	To:	••			96-114	2 Seventh St								00,20,2010	
		From:				SR 2	05 WEST									
Darl Circle	0.31	80	R							NA			NA		06/26/2019	
(h)		To:				SWCL C	Colonial Beach									
Westmoreland County		r.,				0.07 . 0	1 . 10 . 1									
(1167) Darl Circle	0.01	From: 160	R			SCL Co	olonial Beach			NA			NA		07/11/2001	
Darl Circle	0.01	To:				SR 2	205 EAST						IN/A		07/11/2001	
Town of Colonial Beach																
		From:				96-1124	Lafayette St									
1168 Bell Ave	0.04	70	R			0.5.1				NA			NA		06/24/2019	
\sim		Tor					21; 96-1148									
(1169) Spotswood Lane	0.14	From: 47	P			96-1165	Esmond Lane			NA		NA		06/26/2010		
(1169) Spotswood Lane	0.14	41 To:	R			96-1119						NA		06/26/2019		
					_	<i>y</i> 0 111 <i>)</i>	Loosing 1110									