### 2014

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

where available

# Special Locality Report 225

Town of Gordonsville

Information in this report is included in Report

68

(Orange 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.

1 Trail 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:

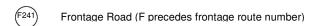
- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

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	Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.
29	US Route	



(600) Secondary Route
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Virginia State Route

### Special Routes

Bus 29 ALT 220	Bus - Business Route Bypas - Bypass Route Truck - Truck Route ALT - Alternate Route Wve - Wve Route connector
$\bigcirc$	

- 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.

#### Virginia Department of Transportation Traffic Engineering Division 2014

#### Annual Average Daily Traffic Volume Estimates By Section of Route Town of Gordonsville

Route	Jurisdiction	Longth	th <b>AADT</b>	04	4Tire	Bus		Tru	ıck		QC	K	QK	Dir	ΔΔWDT	OW		
noute	Junsaiction	Length	AADI	QA	41116	Dus	2Axle	3+Axle	1Trail	2Trail	QU	Factor	QK	Factor	9200 10000 5400 6600 9200 5300 6600	QVV		
	From:	SCI	_Gordonsv	ille											9200 10000 5400 6600 9200 5300			
15 33 Martinsburg Ave	Town of Gordonsville (Maint: 68)	1.12	8900	F	89%	1%	1%	1%	8%	0%	F	0.085	F	0.555	9200	F		
$\bigcirc$	To:	SR 231 S,	Gordonsvi	ille Circl	e										9200 10000 5400 6600 9200 5300 6600			
~~~	From:		Spotswood	l Trail														
15 James Madison Hwy	Town of Gordonsville (Maint: 68)	0.18	10000	N	92%	1%	1%	1%	5%	0%	Ν	0.087	Ν	0.509	10000	N		
$\bigcirc$	To:	NCI	_ Gordonsv	ille											9200 10000 5400 6600 9200			
	From:	WC	L Gordons	ville														
33 Spotswood Trail	Town of Gordonsville (Maint: 68)	0.01	5300	N	94%	0%	1%	1%	4%	0%	Ν	0.09	Ν	0.519	5400	Ν		
$\hookrightarrow$	To:	SR 231	Blue Ridge	e Tnke											6600			
33 (231) Spotswood Trail	Town of Gordonsville (Maint: 68)		6500	F	95%	0%	1%	1%	3%	0%	С	0.092	F	0.508	6600	F		
(30) (201)	To:		mes Madis	on Hwv											9200 10000 5400 6600 9200 5300 6600			
	From:		S SR 231															
33 (15) Martinsburg Ave	Town of Gordonsville (Maint: 68)	1.12	8900	F	89%	1%	1%	1%	8%	0%	F	0.085	F	0.555	9200	F		
	To:	SCL Gordonsville																
	From:	SCI	. Gordonsv	ille														
(231) Gordon Ave	Town of Gordonsville (Maint: 68)	0.58	5200	N	95%	1%	1%	1%	2%	0%	Ν	0.095	Ν	0.608	5300	Ν		
	To:	US 15, US	33 Gordons	sville Cir	cle													
	From:	US 15 C	Gordonsville	e Circle														
231) (33) Spotswood Trail	Town of Gordonsville (Maint: 68)	0.15	6500	F	95%	0%	1%	1%	3%	0%	С	0.092	F	0.508	6600	F		
$\bigcirc\bigcirc\bigcirc$	То:	Blue	Ridge Turr	pike											10000 5400 6600 9200 5300 6600			
	From:	US 33	Spottswood	d Trail														
( <sub>231</sub> )Blue Ridge Tpke	Town of Gordonsville (Maint: 68)	0.02	950	F	97%	0%	1%	1%	1%	0%	С	0.099	F	0.505	980	F		
	To: NCL Gordonsville																	

4/21/2015 7

						101	WII OI G	ioraoria	VIIIC									
Route	Length	AADT	QA	4Tire	Bu	IS	2Axle 3	_	_		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year	
Town of Gordonsville		From	1				60 101	4 M:11 C4										
643) East St	0.32	600	F	96%	2%	6	2%	4 Mill St 0%	0%	0%	С	0.117	F	0.527	620	F	2014	
643) East St	0.02	To	Ė	0070			ECL Go:			070		<u> </u>	•	0.027	020	•	2011	
		From			Lou	iisa Co	ounty Line	e; SCL G	ordonsvi	lle								
691) Old Louisa Rd	0.12	970	R					,				NA			NA		06/27/201	
68		To			68-	-1015 1	Pendleto	n St; Sou	th Main	St								
		From					68-101	4 Mill St										
1000 Church St	0.12	170	R									NA			NA		11/14/201	
		To	1			Er	nd State I	Maintena	nce									
		From	<u> </u>				68-1002	Linney S	St			٠,						
1001 Commerce St	0.11	90	R				CO 1011	M 1 . (	7.			NA			NA		11/14/20	
			1				68-1011											
Linnov St	0.24	From:	<u> </u>			68	8-1001 C	ommerce	e St			NA			NA		06/27/20:	
Linney St	0.24	160	R			68	8-1004, E	act Bake	r St						INA		06/27/20	
		From:	1			00		d End	1 51									
1003 Wright St	0.10	90	R				Dead	u Ellu				NA			NA		06/27/20	
Wright St	00	т					1001 **										00/2//20	
1003) Wright St	0.13	210 From:	I			68-	-1004, W	est Bake	er St			NA			NA		06/27/20	
Wright St	0.15	<b>210</b> To:	<u> </u>			S	SR 231 G	ordon A	ve						INA		00/21/20	
		From:						ke St	-									
1004) West Baker St	0.09	120	R				Dui	KC St				NA			NA		07/02/20	
West Baker St		To					60.1002	XX : 1 . C	٠.			<del></del> i						
1004 West Baker St	0.24	500 From:	<u>1</u>				68-1003	Wright S	SI .			NA			NA		06/27/20	
West Baker St	0.24														14/1		00/21/20	
1004) West Baker St	0.09	470	L			6	8-1009 P	endleton	St			NA			NA		06/27/201	
West Baker St	0.00 1											INA			INA		06/27/20	
Cast Balvar Ct	0.07	From	<u> </u>			US	S 15 Mar	tinsburg .	Ave						NIA		05/14/000	
East Baker St	0.07	1300	R									NA 			NA		05/14/200	
<u> </u>	0.44	From:					68-1030	Gentry I	Or			_			110		05/44/00	
1004 East Baker St	0.41	750	R				60.642	N.E. + C+				NA			NA		05/14/200	
			1					B East St										
1005) Cadmus Dr	0.34	120	R			68	8-1004, E	ast Bake	r St			NA			NA		06/22/20	
(1005) Cadmus Dr	0.54	To:	<u> </u>			6	68-1030 C	Gentry A	ve						INA		00/22/20	
		From:					S 15 Mar											
1006 High St	0.60	3200	F	77%	2%		2%	3%	16%	0%	С	0.098	F	0.585	3300	F	2014	
(1006) High St		To:	Ė	,			SR 231 G								-	-		
		From:	:			68-	1029 Ma	rtinsville	Ave									
Orange Ave	0.06	120	R									NA			NA		06/30/201	
68		To	_				68-1006	6 High St				<u> </u>						
(1007) Mayhugh Ave	0.10	210 From:	R				00 1000	o ringii ot				NA			NA		06/30/201	
Maynugh Ave		To					Dead	d End										
		From	1				68-1006	6 High St	t									
1008 West King St	0.16	300	R									NA			NA		06/27/201	
68		To	_			US	S 15 Mar	tinsburg	Ave									
1008 East King St	0.24	150 From	R									NA			NA		06/27/201	
68		To	_			68	8-1004, E	ast Bake	r St									
		From				68	8-1008, V	Vest King	g St									
1009 Pendleton St	0.10	80	R									NA			NA		06/27/20	
NK /		To				68	-1004, W	est Bake	er St									
		From					68-1011	Market S	St									
(1010) Weaver St	0.08	170	R									NA			NA		06/27/201	
<u> </u>		To	1			68	8-1008, E	East King	St									

Route	Length	AADT	QA	4Tire	Bus		Gordons	:k		QC	K	QK	Dir	AAWDT	OW	Year
Town of Gordonsville	Longui		٩n		203	2Axle	3+Axle	1Trail	2Trail	40	Factor	σι.	Factor	, , , , , , , ,	٠.,	· oui
	0.10	From				US 15 M	artinsburg A	Ave						NIA		06/07/001:
(1011) Market St	0.18	<b>590</b>	R			68-100	2 Linney St	t			NA T			NA		06/27/201
		From					4 Charles S									
Depot St	0.11	440	R								NA			NA		05/14/2009
		From					East Centra									
1012 Depot St	0.10	650	F	98%	0%	1%	0%	0%	0%	С	0.109	F	0.575	660	F	2014
(1012) Grove Ave	0.26	250	<u> </u>			US 15 M	artinsburg A	Ave			 NA			NA		06/29/2011
(1012) Grove Ave	0.20	<b>230</b>				68-1028	Paynor Av	ve .						IVA		00/23/2011
		From	:			68-101	12 Depot St									
1013 East Central St	0.08	430	F	98%	0%	2%	0%	0%	0%	С	0.100	F	0.553	440	F	2014
		To	1				014 Mill St									
(1014) Mill St	0.16	350	 R			68-102	4 Charles S	t			 NA			NA		11/14/2011
(1014) Mill St	0.10	330 To				60 1012	F + C + 1	1.0						IVA		11/14/2011
(1014) Mill St	0.04	430 From	F	99%	0%	1%	East Centra  0%	0%	0%	С	0.115	F	0.58	450	F	2014
68		To	c			68-6	43 East St									
		From				SCL C	ordonsville	:								
1015 South Main St	0.16	140	R								NA			NA		06/27/2011
		From				68-691 (	Old Louisa F	Rd			⊒—					00/07/00/
Pendleton St	0.22	1100	R			US 15 M	artinsburg A	l va			NA			NA		06/27/2011
		From					West King									
North Church St	0.11	60	R			00-1000,	West King	St			NA			NA		06/27/2011
68		To	-			68-1004.	West Baker	· St								
North Church St	0.16	190	R			,					NA			NA		06/27/2011
·		Te	1			SR 231	Gordon Av	e								
Ctorrowall Ave	0.00	From				68-1037	Holladay A	ve						NIA		00/07/0011
1017 Stonewall Ave	0.23	370	R			68-10	06 High St				NA T			NA		06/27/2011
		From	:				artinsburg A	Ave								
Noble Avenue	0.07	100	R								NA			NA		06/27/2011
		Te From				68-1017	Stonewall A	ve			_					
Noble Ave	0.06	70	R								NA			NA		06/27/2011
		To	1				2 Grove Av									
(1019) Holladay Ave	0.11	160	R			68-1037	Holladay A	ve			 NA			NA		06/27/2011
Holladay Ave	0.11	100 To	<u></u>			110 15 14					—, · · · ·			1471		00/27/2011
(1019) Holladay Ave	0.10	10	R			US 15 M	artinsburg A	Ave			NA			NA		06/27/2011
Holladay Ave		To				68-1015,	South Main	St								
		From				68-101	1 Market S	t								
1020 Piedmont St	0.10	30	R			60 1000	E . IZ:	C.			NA			NA		10/27/2011
		From	1				, East King									
South Faulconer St	0.09	270	L R			68-1017	2 Grove Av	e			NA			NA		06/27/2011
South Faulconer St		To				68 1007	Mayhugh A	VA								
South Faulconer St	0.09	120 From	R			00-1007	aynugii A	.,.			NA			NA		06/29/2011
68		Te					End; Gap	C.								
(1021) North Faulconer St	0.21	170	R			68-1004,	West Baker	r St			 NA			NA		06/27/2011
North Faulconer St	V 1	To	_			SR 231	Gordon Av	e						1471		30,21,2011
		From				68-1015	Pendleton	St								
1022 Cobb St	0.20	240	R								NA			NA		06/27/2011
$\underline{\hspace{1cm}}$		To	1			68-10	14 Mill St									

						Town of Gordo	nsville							
Route	Length	AADT	QA	4Tire	Bus		ruck e 1Trail 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
Town of Gordonsville														
1023 Allen St	0.17	60	R			68-1002 Linne	y St		NA			NA		06/27/201
68		Te	1			68-1008, East Ki	ing St							
O		From	<u> </u>			Dead End			<u> </u>					
Charles St	0.10	260	R						NA —			NA		06/27/201
(1024) Charles St	0.07	240 From	R			68-1012 Depo	t St		NA			NA		06/27/201
Charles St	0.07	<b>240</b>				60 1014 MI	G:					INA		00/27/201
1024 Charles St	0.27	190 From	R			68-1014 Mill	St		NA			NA		06/27/20
Charles St		To				ECL Gordonsv	ville							
		From				SR 231 Gordon	Ave							
1025 Cleveland St	0.10	880 To	R			Vor. G. 1			NA			NA		06/27/20
		From	1			NCL Gordonsv								
1026 Cobb St	0.11	250	R			68-1014 Mill	St		NA			NA		06/27/20
(1026) Cobb St		To				End State Mainte	enance					-		5
		From				68-1012 Grove	Ave							
1028 Paynor Ave	0.09	210 To	R			F 1 1 1 1			NA			NA		06/29/20
		From	l			Dead End								
1029 Martinsville Ave	0.21	150	R			68-1012 Grove	Ave		NA			NA		06/29/20
Martinsville Ave	0.2.	To				Dead End								00/20/20
		From				68-1004, East Ba	ker St							
1030 Gentry Dr	0.24	220	R						NA			NA		06/22/20
		To From				68-1005 Cadmu	ıs Dr							
1030 Gentry Dr	0.04	1000	R			10 15 T M 12	**		NA			NA		06/22/201
		From	<u> </u>			JS 15 James Madis	son Hwy							
1031) Gentry Dr	0.04	49	R			Dead End			NA			NA		06/22/20
Gentry Dr		To				68-1030 Gentry	y Dr							
		From				68-1030 Gentry	y Dr							
1032 Cadmus Circle	0.08	40	R						NA			NA		06/22/20
		To	1			68-1005 Cadmu								
1033) Partlow Dr	0.14	40	R			68-1030 Gentry	y Dr		NA			NA		06/22/20
Partlow Dr	0.11	To	Ċ			68-1005 Cadmu	ıs Dr						00/22/20	
		From	1			Dead End								
1034 Taylor Ave	0.23	600	R						NA			NA		06/29/20
(III)		To	1			68-1006 High								
1035) Jackson St	0.11	140	<u> </u>			WCL Gordons	ville		NA			NA		06/29/20
Jackson St	0.11	140							INA			INA		00/25/20
1035) Jackson St	0.05	300 From	R			68-1036 Lee L	ane		NA			NA		06/29/20
Jackson St	0.00	To	Ċ			68-1017 Stonewa	ll Ave							00/20/20
		From	1			WCL Gordons	ville							
1036 Lee Lane	0.04	190	R						NA			NA		06/29/20
		Tr	1			68-1035 Jackso								
1037) Holladay Ave	0.10	230	R			SCL Louisa	1		NA			NA		06/29/20
Holladay Ave	0.10	230				(0.1010.** ** :			INA			INA		00/28/20
1037) Holladay Ave	0.08	150	L			68-1019 Hollada	y Ave		NA			NA		06/27/20
Holladay Ave	0.00	To				68-1017 Stonewa	ll Ave							
		From				Dead End								
1038 Duke St	0.13	140	R						NA			NA		11/02/20
$\overline{}$		To	1			68-1004, West Ba	aker St							

Route Town of Gordonsville	Length	AADT	QA	4Tire	Bus	Truck2Axle 3+Axle 1Trail 2Trail	( )( ;	K Factor	QK	Dir Factor	AAWDT	QW	Year
		From				68-1004, West Baker St							
9302 Gordonsville Elem Sch	0.08	330	R					NA			NA		10/11/2011
600		To		•	•	68-1006 High St	•						