2014

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

where available

Special Locality Report 111

City of Fredericksburg

Information in this report is included in Report

88

(Spotsylvania 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	

(F241)	Frontage Road (F precedes frontage route number)

(600) Secondary Route

Virginia State Route

Special Routes

Bus	Bus - Business Route
[29]	Bypas - Bypass Route
	Truck - Truck Route
ALT	ALT - Alternate Route
(220)	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.

Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

								Tru	ck			K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	Q
~	From:		Fredericks	burg												
1 Jefferson Davis Blvd	City of Fredericksburg	1.48	31000	Α	98%	0%	1%	0%	0%	0%	С	0.099	Α	0.572	34000	
~ ~	To: From:		SR 3													
1 Jefferson Davis Blvd	City of Fredericksburg	0.90	28000	F	98%	0%	1%	0%	0%	0%	F	0.087	F	0.58	30000	
~ ~	To: From:		College Ave													
1 Jefferson Davis Blvd	City of Fredericksburg	0.59	29000	F	98%	0%	1%	0%	0%	0%	F	0.085	F	0.606	31000	
~ ~	To: From:		Fall Hill Ave													
Jefferson Davis Blvd	City of Fredericksburg	0.29	27000	F	98%	0%	1%	0%	0%	0%	F	0.082	F	0.627	28000	
Bus	To: From:	Bus US	Princess A	Anne Av)											
1 Jefferson Davis Blvd	City of Fredericksburg	0.11	31000	N	98%	0%	1%	0%	0%	0%	Ν	0.086	Ν	0.564	33000	
	To:	NCI	Fredericks	burg												
us	From:		Fredericks	_												
1 LaFayette Blvd	City of Fredericksburg	1.42	23000	F	97%	1%	1%	1%	1%	0%	F	0.08	F	0.52	25000	
Bus	To: From:	SR 3; Blu	e and Grey	Parkwa	y											
1 LaFayette Blvd	City of Fredericksburg	0.38	11000	F	97%	1%	1%	1%	1%	0%	F	0.084	F	0.657	12000	
<i>-</i>	Tα	111-	3957 Sunke	n Rd												
Sus	City of Fredericksburg	0.56	11000	F	97%	1%	1%	1%	1%	0%	F	0.088	F	0.652	12000	
LaFayette Blvd	City of Fredericksburg				9/%	170	1%	170	170	0%	Г	0.088	Г	0.652	12000	
lus	To: From:	111-39	961 Kenmor	re Ave												_
LaFayette Blvd	City of Fredericksburg	0.10	5900	N	99%	0%	1%	0%	0%	0%	Ν	0.102	Ν	0.634	6300	
Bus	To: From:	Bus US 1 Par, E	Bus 17 Par F	Princess	Anne St											
1 LaFayette Blvd	City of Fredericksburg	0.06	5900	F	99%	0%	1%	0%	0%	0%	F	0.102	F	0.634	6300	
.)	To:		JS 17 Carol													
Bus Bus Carolina Ct	City of Erodovioloburg	Bus US 0.38	17, Lafaye	tte Blvd F	99%	0%	10/	0%	0%	00/	F	0.091	F		5200	
1) (17) (2) Caroline St	City of Fredericksburg ombined Traffic Estimates for 2 Parallel Roadways o			F	99% 99%	0% 0%	1% 1%	0% 0%	0% 0%	0% 0%	F	0.091	F	0.564	12000	
O	onibilied Traffic Estimates for 2 Faraller Hoadways of				9970	0%	1 70	0%	0%	0%	Г	0.000	Г	0.564	12000	
Bus Bus	To: From		SR 3 Willia													
1) (17) Caroline St	City of Fredericksburg	0.51	6000	F	99%	0%	1%	0%	0%	0%	С	0.081	F		6400	
Co	ombined Traffic Estimates for 2 Parallel Roadways o			F	99%	0%	1%	0%	0%	0%	С	0.092	F	0.599	14000	
Bus Bus	From:		Herndon St Caroline St													_
1 \ \(\frac{17}{17} \) Herndon St	City of Fredericksburg	0.06	4800	F	99%	0%	1%	0%	0%	0%	F	0.086	F		5200	
	To		Par Princes		St											
us Bus 1 17 Princess Anne St	City of Erodoriokohura	Bus US 0.70	1 Par Herr 10000	ndon St F	99%	0%	1%	0%	0%	0%	С	0.095	F	0.659	11000	
1) (17) Princess Anne St	City of Fredericksburg		erson Davis			076	170	0%	0%	0%	C	0.095	Г	0.659	11000	
ue Bue	Prom:	Bus US 1, B			•											_
Bus Bus Princess Anne	St City of Fredericksburg	0.37	6300	F	99%	0%	1%	0%	0%	0%	F	0.090	F		6700	
±) (· · ·) \ = /	ombined Traffic Estimates for 2 Parallel Roadways o			F	99%	0%	1%	0%	0%	0%	F	0.086	F	0.564	12000	
	Tα		SR 3 Willia		0070	0 /0		0 /0	0 / 0	0 /0	•	0.000	•	0.00	000	

Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

			riederick					Tru	ck			K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
Bus Bus	From:	Rus	SR 3 Williar	n St			ZAXIC	OTANIC	TTTAII	ZIIdii		1 actor		1 actor		
Princess Anne St	City of Frederick		7400	F	99%	0%	1%	0%	0%	0%	С	0.101	F		7800	F
	Combined Traffic Estimates for 2 Parallel F	· ·		F	99%	0%	1%	0%	0%	0%	С	0.092	F	0.599	14000	F
	To:	•	US 1 Herndo	n St												
Bus	From:	ECI	Fredericksb	urg												
2 (17) Dixon St	City of Frederick		24000	F	94%	1%	1%	1%	3%	0%	С	0.08	F	0.563	26000	F
$\overline{\smile}$	To:	Ramp fr	om SR 3 Co	nnector												
2 Sus Dixon St	City of Frederick	sburg 0.26	10000	F	98%	0%	1%	0%	0%	0%	С	0.101	F	0.639	11000	F
Bus	To: From:		Charles St													
2 17 Dixon St	City of Frederick	sburg 0.06	4900	F	98%	0%	1%	0%	0%	0%	F	0.099	F	0.650	5200	F
(2) (1)	Combined Traffic Estimates for 2 Parallel F	•	7600	F	98%	0%	1%	0%	0%	0%	F	0.103	F	0.517	8100	F
	To:		ncess Anne		0070	0,0	Ť	0,0	0,0	0,0	•	01.00	•	0.0	0.00	•
Bus	From:		Dixon St													
(2) (17) Princess Anne St	•	· ·	2700	F	97%	1%	2%	0%	0%	0%	С	0.11	F	0.804	2900	F
$\bigcirc \bigcirc$	Combined Traffic Estimates for 2 Parallel F	Roadways on this Route:	5000	F	96%	1%	2%	0%	0%	0%	С	NA			5400	F
	To:		Bus US 1				$ \vdash$									
Bus Bus Princess A	nne St City of Frederick	sburg 0.37	6300	F	99%	0%	1%	0%	0%	0%	_	0.090	F		6700	_
2 17 Princess A	Combined Traffic Estimates for 2 Parallel F	· ·		F	99%	0%	1%	0%	0%	0%	, E	0.086	F	0.564	12000	F
	To:		SR 3 Williar		33 /6	0 /6	1 /0	0 /6	0 /6	0 /6	'	0.000	'	0.504	12000	'
	From:		. Fredericksl				1									
3 Plank Rd	L City of Frederick		78000	G	96%	0%	1%	0%	2%	0%	F	NA			83000	G
3) * 12										- , -	-					-
3 Plank Rd	From: City of Frederick	sburg 0.61	I-95 53000	G	95%	1%	1%	1%	3%	0%	F	NA			53000	G
3 Plank Rd	City of Frederick			G	95 /6	1 /0	1 /0	1 /0	3 /0	0 /6	'	INA			33000	G
	To: From:		Oakwood St		050/	40/	10/	40/	201	00/		0.070	_	0.540	47000	
(3) Plank Rd	City of Frederick	sburg 0.63	44000	F	95%	1%	1%	1%	3%	0%	F	0.073	F	0.519	47000	F
<u>~</u>	To: From:		fferson Dav	is Hwy												
(3) William St	City of Frederick	sburg 0.24	48000	F	95%	1%	1%	1%	3%	0%	F	0.078	F	0.552	51000	F
$\overline{}$	To:		Blue and G	_	У											
3 Blue and Grey Parkway	City of Frederick		SR 3 Williar 39000	n St F	95%	1%	1%	1%	3%	0%	С	0.077	F	0.55	41000	F
3 Blue and Grey Parkway	Oity of Frederick				33 /6	1 /0	1 /0	1 /0	J /6	0 /6	O	0.077	'	0.55	41000	'
	To: From:		S 1 LaFayette		050/	40/		40/	201	00/	_	0.004	_	0.500	40000	
3 Blue and Grey Parkway	City of Frederick	sburg 1.00	40000	F	95%	1%	1%	1%	3%	0%	F	0.081	F	0.508	42000	F
	To: From:		17 SR 2 Di													-
(3) Blue and Grey Parkway	City of Frederick		39000	F	95%	1%	1%	1%	3%	0%	F	0.087	F	0.524	42000	F
<u> </u>	To:	ECL	Fredericksb	ourg												
Bus	From:		e and Grey I													
$\begin{pmatrix} 3 \end{pmatrix}$ William St	City of Frederick		13000	F	98%	0%	1%	0%	0%	0%	F	0.081	F	0.524	13000	F
\sim	To:	111-3	3958 Hanove	er St												

Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

							Tru	ıck			K		Dir		
Jurisdiction	n Length	AADT	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	QW
From:										_		_			
City of Frederick	sburg 0.30	10000	F	98%	0%	1%	0%	0%	0%	С	0.09	F	0.628	11000	F
To: From:	111-3	955 College	Ave												
City of Frederick	sburg 0.48	12000	F	99%	0%	1%	0%	0%	0%	С	0.094	F	0.543	12000	F
To: From:	SR 3 Pa	ar, Washingto	on Ave												
City of Frederick	sburg 0.37	5800	F	98%	0%	1%	1%	0%	0%	С	0.085	F		6100	F
Combined Traffic Estimates for 2 Parallel F	Roadways on this Route:	11000	F	98%	0%	1%	1%	0%	0%	F	0.092	F	0.521	11000	F
To: From:	Bus I	US 1 Caroline	e St												
City of Frederick	sbura 0.07	7300	F	98%	0%	1%	1%	0%	0%	F	0.117	F		7800	F
	-		F	98%	0%	1%	1%	0%	0%	F	NA			14000	F
To			hia St												
City of Frederick				98%	0%	1%	1%	0%	0%	F	0 104	N	0 609	19000	G
To:	<u> </u>		-	30 /0	0 70		1 /0	0 /0	0 70		0.104	14	0.000	13000	a
From:	Bus	SR 3 William	n St												
City of Frederick	sburg 0.07	5000	F	98%	0%	1%	1%	0%	0%	F	0.099	F	0.943	5300	F
Combined Traffic Estimates for 2 Parallel F	•		F	98%	0%	1%	1%	0%	0%	F	0.092	F	0.521	11000	F
To: From:															
L City of Frederick		4900	F	98%	0%	1%	1%	0%	0%	С	0.105	F		5300	F
•	•	11000	F	98%	0%	1%	1%	0%	0%	С	NA			11000	F
Τα															
City of Frederick				08%	Nº/-	10/-	10/_	0 %	0%	E	0.095	E		6200	E
•	•		_							, E		'			F
To:			•	0070	0 70		170	0 70	070					1 1000	
From:	SCL	Fredericksbu	urg												
				Se	ee I-95	for direc	tional tr	affic vo	lume es	timate	es for this	s seg	ment.		
Combined Traffic Estimates for 2 Parallel F	Roadways on this Route:	116000	Α	86%	1%	1%	1%	12%	1%	F	NA			107000	Α
To: Fron:		SR 3													
	,											_			
Combined Traffic Estimates for 2 Parallel F				86%	1%	1%	1%	12%	1%	F	0.076	Α	0.516	137000	В
To.															
Prom:		Fredericksbu	urg F	94%	1%	1%	1%	3%	0%	С	0.08	F	0.563	26000	F
LIIV OI Frandrick		47000	•	J-7/0	1 /0	1 /0	1 /0	0 /0	0 /0	9	0.00	'	0.000	20000	
City of Frederick		n													
City of Frederick Too From City of Frederick	Ramp fro	om Rte. 3 Con	nnector	98%	0%	1%	0%	0%	0%	С	0.101	F	0.639	11000	F
	City of Frederick City of Frederick City of Frederick City of Frederick Combined Traffic Estimates for 2 Parallel Frederick Combined Traffic Estimates for 2 Parallel Frederick City of Frederick City of Frederick City of Frederick Combined Traffic Estimates for 2 Parallel Frederick City of Fredericksburg City of Fredericksburg City of Fredericksburg Combined Traffic Estimates for 2 Parallel Fredericksburg City of Fredericksburg City of Fredericksburg	City of Fredericksburg 0.30 City of Fredericksburg 0.48 City of Fredericksburg 0.48 City of Fredericksburg 0.37 Combined Traffic Estimates for 2 Parallel Roadways on this Route: City of Fredericksburg 0.07 Combined Traffic Estimates for 2 Parallel Roadways on this Route: Bus SI City of Fredericksburg 0.03 City of Fredericksburg 0.03 City of Fredericksburg 0.03 City of Fredericksburg 0.03 City of Fredericksburg 0.07 Combined Traffic Estimates for 2 Parallel Roadways on this Route: City of Fredericksburg 0.07 Combined Traffic Estimates for 2 Parallel Roadways on this Route: City of Fredericksburg 0.43 Combined Traffic Estimates for 2 Parallel Roadways on this Route: City of Fredericksburg 0.07 Combined Traffic Estimates for 2 Parallel Roadways on this Route: City of Fredericksburg (Maint: 88) 0.89 Combined Traffic Estimates for 2 Parallel Roadways on this Route: City of Fredericksburg (Maint: 88) 2.29 Combined Traffic Estimates for 2 Parallel Roadways on this Route: City of Fredericksburg (Maint: 88) 2.29 Combined Traffic Estimates for 2 Parallel Roadways on this Route:	City of Fredericksburg	City of Fredericksburg	City of Fredericksburg	Time	Length AADT QA 4Tire Bus 2Axle	Durisdiction Length AADT QA 4Tire Bus 2Axle 3+Axle 3+Axle	City of Fredericksburg	Trail	Second Combined Traffic Estimates for 2 Parallel Roadways on this Route: 1100 F 1100 F	Length AADT QA 4Tire Bus 2Axle 31-Axle 1Trail 2Trail QC 7 2 2 2 2 3 3 2 3 4 3 4 3 2 3 4 3 4 3 4 3 4 3 4 3 4 3 4 4	City of Fredericksburg City of Fredericksb	City of Fredericksburg 0.7 7300 F 98% 0% 1% 1% 0% 0% 0% 0% 0	Section Clay of Freederick-sburg Alpha Clay of Freederick-sburg C

Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

								Tru	ck			K		Dir		
Route	Jurisdiction	n Length	AADT	QA	4Tire	Bus		3+Axle	-		QC	Factor	QK	Factor	AAWDT	QW
Bus	From:		Charles St													
(17) (2) Dixon St	City of Frederick	-	4900	F	98%	0%	1%	0%	0%	0%	F	0.099	F	0.650	5200	F
\bigcirc	Combined Traffic Estimates for 2 Parallel F	Roadways on this Route:	7600	F	98%	0%	1%	0%	0%	0%	F	0.103	F	0.517	8100	F
Bus	To: From:	Pri	ncess Anne	St												
17 2 Dixon St	City of Frederick	sburg 0.06	3200	F	98%	0%	1%	0%	0%	0%	F	0.075	F		3400	F
	Combined Traffic Estimates for 2 Parallel F	Roadways on this Route:	5900	F	98%	1%	2%	0%	0%	0%	F	NA			6300	F
	To:		Caroline St													
Bus	From:		Dixon Street		000/	40/		00/	00/	00/	_	0.075	F		0500	_
2 Caroline St	City of Frederick		2300	F	96%	1%	3%	0%	0%	0%	С	0.075	F		2500	F
	Combined Traffic Estimates for 2 Parallel F	Roadways on this Route:	5000	F	96%	1%	2%	0%	0%	0%	С	NA			5400	F
Bus Bus	To: From:	La	yfayette Blv	/d												
17 1 2 Caroline St	City of Frederick	sburg 0.38	4900	F	99%	0%	1%	0%	0%	0%	F	0.091	F		5200	F
\bigcirc \bigcirc \bigcirc	Combined Traffic Estimates for 2 Parallel F	Roadways on this Route:	11000	F	99%	0%	1%	0%	0%	0%	F	0.086	F	0.564	12000	F
	To	Bus	SR 3 Willian	m St												
Bus Bus 17 1 Caroline St	City of Frederick		6000	F	99%	0%	1%	0%	0%	0%	С	0.081	F		6400	F
17 Caroline St	Combined Traffic Estimates for 2 Parallel F	•		F	99%	0%	1%	0%	0%	0%	С	0.001	F	0.599	14000	F
	To:		Herndon St	-	33 76	0 70		0 70	0 70	0 70	O	0.032		0.555	14000	'
Bus Bus	From:		Caroline St													
17 1 Herndon St	City of Frederick		4800	F	99%	0%	1%	0%	0%	0%	F	0.086	F		5200	F
Dua Dua	To: From:		Par Princes S 1 Par Herr		St											
Bus Bus 17 Princess Anne St	L City of Frederick		10000	F	99%	0%	1%	0%	0%	0%	С	0.095	F	0.659	11000	F
	To:	•	erson Davis							- , -	_		-			-
Bus	From:		1 Princess A													
17 1 Jefferson Davis Bl	vd City of Frederick		31000	N	98%	0%	1%	0%	0%	0%	N	0.086	Ν	0.564	33000	N
~ ~	10:		Fredericksh													
Bus Driverson Arms Ct	From:		Dixon Street		070/	10/	00/	00/	00/	00/	_	0.11	F	0.004	0000	_
Princess Anne St	City of Frederick	•	2700	F	97%	1%	2%	0%	0%	0%	С	0.11 NA	Г	0.804	2900	F
	Combined Traffic Estimates for 2 Parallel F	<u> </u>	5000	F	96%	1%	2%	0%	0%	0%	С	INA			5400	Г
Bus Bus	To: From:	Bus US 1, B	us US 17 La	fayette	Blvd											
17 1 2 Princess An	,	•	6300	F	99%	0%	1%	0%	0%	0%	F	0.090	F		6700	F
	Combined Traffic Estimates for 2 Parallel F	Roadways on this Route:	11000	F	99%	0%	1%	0%	0%	0%	F	0.086	F	0.564	12000	F
D D .	To:	Bus	SR 3 Willian	m St			\neg \vdash									
Bus Bus 17 1 Princess Anne St	City of Frederick	sburg 0.52	7400	F	99%	0%	1%	0%	0%	0%	С	0.101	F		7800	F
Princess Anne St	Combined Traffic Estimates for 2 Parallel F	-		F	99%	0%	1%	0%	0%	0%	С	0.092	F	0.599	14000	, F
	To To		JS 1 Herndo	•	00/0	0 /0		0 /0	0 /0	0 /0	9	0.002	•	0.000	1-7000	'
North	From:		Fredericksh													
95) (17)	City of Fredericksburg		57000	A	86%	1%	1%	0%	11%	1%	F	0.089	Α		53000	Α
	Combined Traffic Estimates for 2 Parallel F			Α	86%	1%	1%	1%	12%	1%	F	NA			107000	Α

Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		Trι 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW
North	From:	9	R 3 Plank R	d			ZANIC	JTANE	IIIaii	ZIIali		i actor		1 actor		
95) (17)	City of Fredericksburg (Maint: 88)	2.29	73000	A	86%	1%	1%	0%	11%	1%	F	0.079	Α		70000	Α
	Combined Traffic Estimates for 2 Parallel Roadways on t	his Route:	143000	В	86%	1%	1%	1%	12%	1%	F	0.076	Α	0.516	137000	В
	To:	Stafi	ord County	Line												
South	From:	SCI	Fredericks	burg												
95) 17	City of Fredericksburg (Maint: 88)	1.61	59000	Α	85%	1%	1%	1%	12%	1%	F	0.084	Α		54000	Α
	Combined Traffic Estimates for 2 Parallel Roadways on t	his Route:	116000	Α	86%	1%	1%	1%	12%	1%	F	NA			107000	Α
Carrida	To- From	S	R 3 Plank R	.d												
South (95) (17)	City of Fredericksburg (Maint: 88)	1.76	71000	В	85%	1%	1%	1%	12%	1%	F	0.080	Α		67000	В
	Combined Traffic Estimates for 2 Parallel Roadways on t	his Route:	143000	В	86%	1%	1%	1%	12%	1%	F	0.076	Α	0.516	137000	В
	To:	Stafi	ord County	Line												

Virginia Department of Transportation Traffic Engineering Division 2014 Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

						Jily of FrederickSburg								
Route	Length	AADT	QA	4Tire	Bus	Truck 2Axle 3+Axle 1Trail		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Fredericksburg														
		From	<u> </u>			US 1 Jefferson Davis Hwy				_			_	
1 Cowan Blvd	0.47	17000	F	98%	1%	1% 1% 0%	0%	С	0.097	F	0.510	18000	F	2014
<u> </u>		To				Snowden Hills Blvd								
1 Cowan Blvd	1.23	20000	F	98%	1%	1% 1% 0%	0%	F	0.095	F	0.838	22000	F	2014
\mathcal{L}		To	c			Carl D Silver Pkwy								
		From				US 1 Jefferson Davis Blvd								
Twin Lake Dr	0.46	3200	F	100%	0%	0% 0% 0%	0%	С	0.089	F	0.533	3400	F	2014
1 Win Lake Dr	00	To	Ė	.0070	0 70	Lafayette Blvd				•	0.000	0.00	•	_0.
									1					
O Lauradanna Bd	0.47	From		050/		VCL Fredericksburg; 88-638		_		_	0.500	0400	_	004
Lansdowne Rd	0.47	8600	F	95%	1%	1% 1% 3%	0%	С	0.098	F	0.583	9100	F	2014
		10	0			Bus US 17, SR 2 Dixon St								
		From				William Street								
Stafford Avenue	0.50	1900	F	95%	1%	4% 0% 0%	0%	С	0.084	F	0.710	2000	F	2014
		To	0			Jefferson Davis Highway								
		From	ı			Cardwell St								
Howison St	0.09	670	F	97%	1%	1% 1% 0%	0%	F	0.092	F	0.566	710	F	2014
	0.00	To To	÷	2. 70	. 70	Howard Ave		•		•	2.000			_5.
		From				Howard Avenue								
Howison Avenue	0.16	1600	F	97%	1%	1% 1% 0%	0%	С	0.076	F	0.536	1700	F	2014
	-	To		- /-		Dixion Street				•				
		From							<u> </u>					
College Ave	0.07			000/	00/	William Street	001			_	0.570	7000	_	004
College Ave	0.67	7300	F	99%	0%	1% 0% 0%	0%	С	0.099	F	0.572	7800	F	201
		To	1			Jefferson Davis Highway								
		From				Bus SR 3 William St								
High St	0.04	790	F	99%	0%	0% 1% 0%	0%	F	0.11	F	0.894	840	F	2014
\mathcal{L}		To	c			Hanover St								
		From	i:			High St								
Hanover St	0.60	2300	F	99%	0%	0% 1% 0%	0%	С	0.098	F	0.811	2500	F	2014
\mathcal{L}		To				111-3959 Littlepage St								
Hanover St	0.49	800 From	F	99%	0%	0% 1% 0%	0%	F	0.095	F		850	F	2014
Hanover St	0.43	800		33 /6	0 78	076 176 076	0 /6	'	0.033	•		030	'	201-
		From			Ві	us US 1 Par Princess Anne St								
Hanover St	0.12	660	F	98%	0%	2% 0% 0%	0%	F	0.106	F		710	F	2014
\mathcal{O}		To	С			111-3973 Sophia St								
		From	:			Bus US 1 LaFayette Blvd								
3959) Littlepage St	0.44	1200	F	98%	0%	2% 0% 0%	0%	С	0.094	F	0.58	1300	F	2014
Littlepage St	0.77	1200 To	Ė	30 /0	0 70		0 70		0.034		0.50	1000		201-
						Bus SR 3 William St								
○		From				Bus US 1 LaFayette Blvd				_			_	
(3961) Kenmore Ave	0.49	3600	F	98%	0%	1% 0% 0%	0%	С	0.094	F	0.648	3800	F	2014
		То				Bus SR 3 William St								
(3961) Kenmore Ave	0.40	1100 From	F	99%	0%	1% 0% 0%	0%	С	0.084	F	0.505	1200	F	2014
Renmore Ave	3.40	To		0070	3 /0	Mary Ball St	0 /0		J.304	•	0.500	00	•	_01-
		From				Kenmore Ave								
Mary Ball St	0.10	1400	F	99%	0%	1% 0% 0%	0%	F	0.089	F	0.552	1500	F	2014
991) 24 31	00	To	Ė	0070		111-6963 Washington Ave		•		•	0.002	.000	•	_0.
		From												
A Marataine	0.40			000/	001	Bus SR 3 P Amelia St	001			_	0.044	0000	_	004
Washington Ave	0.43	1800	F	99%	0%	1% 0% 0%	0%	С	0.096	F	0.641	2000	F	2014
<u> </u>		To From				111-3975 Maury St			\neg —					
Washington Ave	0.44	1900	F	99%	0%	1% 0% 0%	0%	F	0.125	F		2000	F	2014
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5	To	Ť	/	2,3	111-3965; Fall Hill Ave		•		•		_,,,,	-	
		From												
O Datasas Ed. 10:	0.05			000/	001	Kenmore Avenue	001			_	0.00	0000	_	004
Prince Edward St	0.35	2100	F	99%	0%	1% 0% 0%	0%	F	0.096	F	0.66	2200	F	2014
		То				William Street								
<u> </u>	0.44	1700 From	F	99%	0%	1% 0% 0%	0%	С	0.091	F	0.741	1800	F	2014
oce) Prince Edward St		. ,	•	JJ /6	0 /0	1/0 0/0 0/0	J /0	J	0.001		0.7 + 1	1000		2011
Prince Edward St	0.44													
<u> </u>		To From				Canal Street								
Prince Edward St 	0.10	To	F	99%	0%	Canal Street 1% 0% 0%	0%	F	0.095	F	0.747	2100	F	2014

Virginia Department of Transportation Traffic Engineering Division 2014 Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

					•	Jily Oi i	redericks	buig								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle	_		QC	K Factor	QK	Dir Factor	AAWDT	QW	Yea
City of Fredericksburg																
3965) Fall Hill Avenue	0.39	2600		99%	0%	1%	ury Street 0%	0%	0%	F	0.091	F		2700	F	2014
		To	_			Wash	ington Stre	et								
Fall Hill Avenue	0.15	7900 From	F	99%	0%	1%	0%	0%	0%	F	0.1	F	0.715	8500	F	2014
<u> </u>		From	<u> </u>				Davis High				<u> </u>	_				
Fall Hill Avenue	1.59	11000	F	99%	0%	1%	0%	0%	0%	С	0.102	F	0.670	12000	F	2014
<u> </u>		To From					I-95									
965) Fall Hill Avenue	0.95	13000	F	99%	0%	0%	0%	0%	0%	С	0.098	F	0.642	14000	F	2014
<u> </u>		To	4			WCL F	redericksb	urg								
		From				Bus	17 Dixon S	t								
967) Charles St	0.24	5800	F	98%	0%	1%	0%	0%	0%	F	0.081	F	0.501	6200	F	2014
<u> </u>		To				Bus US 1	Lafayette	Blvd								
		From				Lafa	yette Blvd									
973) Sophia St	0.37	5600	F	99%	0%	1%	0%	0%	0%	С	0.09	F	0.509	5900	F	201
		To				Bus SR	3 William	St								
		From	1			Was	shington St									
975) Maury St	0.14	1900	F	98%	0%	2%	0%	0%	0%	С	0.097	F	0.582	2000	F	201
9/3)	-	To	亡				Hill Avenue									-
		From					lank Rd									
Westwood Dr	0.20	870	F	99%	0%	0%	0%	0%	0%	F	0.098	F	0.559	920	F	201
976) Westwood Dr	0.20	To	Ė	33 76	0 70		odland Dr	0 70	0 70	'	0.030		0.555	320	•	201
		From					stwood Dr									
976) Woodland Rd	0.04	890	F	99%	0%	0%	0%	0%	0%	F	0.106	F	0.576	950	F	201
<u> </u>		To				Eollie	o Cua alz D	a								
976 Keenland Rd	0.36	920 From	F	99%	0%	0%	ng Creek Ro	0%	0%	С	0.104	F	0.623	980	F	201
1976 Keenland Rd	0.00	720 To	Ė	33 /6	0 70		n Boulevar		0 70		-0.104		0.020	300	•	201
		From					wan Blvd	·u								
976) Powhatan St	0.24	1400	G	99%	1%	0%	0%	0%	0%	С	NA			1500	G	201
9		To				Jefferso	on Davis H	wy								
		From				М	ahone Dr									
Hays St		580	F				unone Bi				0.108	F	0.559	580	F	201
,		To	亡			Oa	kwood St									
		From									i					
Jackson St		1000	F			Chai	lotte Street	L.			0.11	F	0.514	1000	F	201
oackson ot		To	_			W	olfe Street						0.514	1000	•	201
Canbia Ct		From				Fa	uquier St					_	0.044	1000	г	001
Sophia St		1900	F								0.097	F	0.941	1900	F	201
		10	1				ewis St									
		From				Railr	oad Avenu	e				_			_	
Summit St		80	F								0.159	F	0.593	80	F	201
		To	1			Wl	nite Street									
		From				Sto	newall Dr									
Wilderness Ln		530	F								0.126	F	0.636	530	F	201
		To	-			US 1 I	afayette Bl	lvd								