# 2017

# 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.

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	Interstate Route	Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.
29	US Route	
7	Virginia State Rou	te
(F241)	Frontage Road (F	precedes frontage route number)
600	Secondarv Route	
		Special Routes
Bus 29 ALT 220	Bus - Business Ro Bvpas - Bvpass R Truck - Truck Rou ALT - Alternate Ro Wve - Wve Route	oute te oute
		Southbound or Westbound direction lanes of a numbered route a different road facility than the other direction.
600		inenance Jurisdiction number is displayed below the Secondary Rount ntenance Jurisdiction is different than the jurisdiction in the title of the

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.

		-														
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		Tru			QC	K	QK	Dir	AAWDT	QW
		0					2Axle	3+Axle	1Trail	2Trail		Factor		Factor		
	From:		Fredericks		000/	0.01		0.01	001	00/	~				05000	
1 Jefferson Davis Blvd	City of Fredericksburg	1.48	33000	Α	99%	0%	0%	0%	0%	0%	С	0.096		0.589	35000	A
	T <sub>o</sub> . From:		SR 3													
(1) Jefferson Davis Blvd	City of Fredericksburg	0.90	28000	F	99%	0%	0%	0%	0%	0%	F	0.081		0.604	30000	F
$\bigcirc$	To:		College Ave													
Jefferson Davis Blvd	City of Fredericksburg	0.59	27000	F	99%	0%	0%	0%	0%	0%	F	0.081		0.611	28000	F
					0070	070		070	070	070	•	0.001		0.011	20000	•
	From		Fall Hill Ave		000/	0.01		0.01	00/	00/	_	0 0 7 7		0.044		-
(1) Jefferson Davis Blvd	City of Fredericksburg	0.29	28000	F	99%	0%	0%	0%	0%	0%	F	0.077		0.611	30000	F
	To: From:	Bus US 1	Princess A	Anne Ave	;											
$\overbrace{1}^{\text{Bus}}$ Jefferson Davis Blvd	City of Fredericksburg	0.11	33000	Ν	99%	0%	0%	0%	0%	0%	Ν	0.098		0.592	36000	Ν
1 Jefferson Davis Bivd			Fredericks		0070	070		070	070	070		0.000		0.002	00000	
	From						1									
Bus	City of Fredericksburg		Fredericks		98%	0%	1%	1%	10/	0%	F	0.082		0.527	23000	F
LaFayette Blvd	City of Fredericksburg	1.42	21000	F	90%	0%	170	170	1%	0%	Г	0.062		0.527	23000	Г
Bus	To: From:	SR 3; Blu	e and Grey	Parkwa	y											
LaFayette Blvd	City of Fredericksburg	0.38	9900	F	98%	0%	1%	1%	1%	0%	F	0.086		0.6	11000	F
					0070	0,0	.,,,	. /0	. /0	0,0	•	0.000		0.0		•
Bus	From:	111-3	3957 Sunke	n Rd												
1 LaFayette Blvd	City of Fredericksburg	0.56	9700	F	98%	0%	1%	1%	1%	0%	F	0.088		0.626	10000	F
$\bigcirc$	To	111-30	961 Kenmor	e Δve												
Bus	From:															
( 1 ) LaFayette Blvd	City of Fredericksburg	0.10	5400	Ν	99%	0%	1%	0%	0%	0%	Ν	0.107		0.545	5700	Ν
	Too	Bus US 1 Par, B	Bus 17 Par P	rincess .	Anne St											
Bus	City of Fredericksburg	0.06	5400	F	99%	0%	1%	0%	0%	0%	F	0.107		0.545	5700	F
LaFayette Blvd			JACO JS 17 Caroli		5576	070	1 /0	070	070	0 /0	•	0.107		0.040	5700	•
Bus Bus	From:		17, Lafayet													
$\left(\begin{array}{c}1\\1\end{array}\right)\left(\begin{array}{c}1\\1\end{array}\right)\left(\begin{array}{c}2\end{array}\right)$ Caroline St	City of Fredericksburg	0.38	4700	F	99%	0%	1%	0%	0%	0%	F	0.09			5000	F
	Traffic Estimates for 2 Parallel Roadways on	this Route:	11000	F	98%	0%	1%	0%	0%	0%	F	0.086	F	0.564	11000	F
	Ta					• • •	.,.		- / -							
Bus Bus	From	Bus	SR 3 Willia	m St												
1 $17$ Caroline St	City of Fredericksburg	0.51	6900	F	99%	0%	1%	0%	0%	0%	С	0.09			7300	F
Combined	Traffic Estimates for 2 Parallel Roadways on	this Route:	14000	F	98%	0%	1%	0%	0%	0%	С	0.092	F	0.599	15000	F
	To:		Herndon St													
Bus Bus	From:		Caroline St								_					_
$\left\{ 1 \right\} \left\{ 17 \right\}$ Herndon St	City of Fredericksburg	0.06	4300	F	99%	0%	1%	0%	0%	0%	F	0.084			4600	F
	To		Par Princes		St											
Bus Bus $11$ Princess Anne St	City of Fredericksburg	Bus US 0.70	3 1 Par Herr 8400	idon St	99%	0%	1%	0%	0%	0%	С	0.087		0.716	9000	F
1 (17) Princess Anne St			erson Davis			0 /0	1 /0	0 /0	U /0	0 /0	U	0.007		0.710	9000	I
-																
	From:	Bus US 1, Bu				001		061	001	061	-	0.000			0000	_
$\left(\begin{array}{c}1\\1\end{array}\right)\left(\begin{array}{c}1\\7\end{array}\right)\left(\begin{array}{c}2\end{array}\right)$ Princess Anne St	City of Fredericksburg	0.37	5900	F	98%	0%	1%	0%	0%	0%	F	0.082	_		6300	F
Combined	Traffic Estimates for 2 Parallel Roadways on			F	98%	0%	1%	0%	0%	0%	F	0.086	F	0.564	11000	F
	To:	Bus	SR 3 Willia	m St												

							Tru	ck			К		Dir		
Route	Jurisdictio	on Length	AADT Q	A 4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
Bus Bus	From		SR 3 William St												
$\left( \begin{array}{c} 1 \\ 1 \end{array} \right) \left( \begin{array}{c} 17 \\ 17 \end{array} \right)$ Princess Anne S		0	7200 F	98%	0%	1%	0%	0%	0%	С	0.089			7600	F
$\bigcirc \bigcirc$	Combined Traffic Estimates for 2 Parallel			98%	0%	1%	0%	0%	0%	С	0.092	F	0.599	15000	F
	То	Bus	US 1 Herndon St												
Bus	From		. Fredericksburg							-					_
$\left(2\right)\left(17\right)$ Dixon St	City of Frederic	cksburg 0.55	23000 F	93%	1%	2%	1%	3%	0%	С	0.084		0.538	25000	F
Bus	To	Ramp fr	rom SR 3 Connec	tor											
(2) $(17)$ Dixon St	City of Frederic	cksburg 0.26	9800 F	98%	1%	1%	0%	0%	0%	С	0.095		0.562	10000	F
$\bigcirc \bigcirc$		<u>~</u>	Charles St												
$2$ $\int_{17}^{Bus}$ Dixon St	City of Frederic	cksburg 0.06	4800 F	98%	1%	1%	0%	0%	0%	F	0.095		0.584	5000	F
2 $17$ Dixon St	Combined Traffic Estimates for 2 Parallel	•			1%			0% 0%		г г		F	0.564		F
		-	7800 F	98%	I 70	1%	0%	0%	0%	Г	0.095	Г	0.733	8200	Г
Bus	From	г Г	Dixon St												
(2) $(17)$ Princess Anne S	St City of Frederic	cksburg 0.26	3000 F	97%	1%	2%	0%	0%	0%	С	0.101			3200	F
	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	5200 F	97%	1%	2%	0%	0%	0%	С	NA			5500	F
	Та	2	Bus US 1										,		
		د <mark>ا ــــــــــــــــــــــــــــــــــــ</mark>		000/	00/	10(	00/	00/	00/	_	0.000			0000	-
$2 \begin{pmatrix} 1 \\ 1 \end{pmatrix} \begin{pmatrix} 17 \\ 17 \end{pmatrix}$ Princess A	5	0	5900 F	98%	0%	1%	0%	0%	0%	F	0.082	_	0 504	6300	F
	Combined Traffic Estimates for 2 Parallel			98%	0%	1%	0%	0%	0%	F	0.086	F	0.564	11000	F
	-		SR 3 William St												
(3) Plank Rd	City of Frederic		L Fredericksburg 84000 F	96%	0%	1%	0%	2%	0%	F	0.071		0.525	80000	F
3 Plank Rd	City of Frederic	ksburg 0.34	84000 F	90%	0%	1%	0%	2%	0%	Г	0.071		0.525	89000	Г
	To	e 	I-95							_					_
3 Plank Rd	City of Frederic	cksburg 0.61	55000 G	95%	1%	1%	1%	3%	0%	F	NA			55000	G
<u> </u>	To	с х	Oakwood St												
( <sub>3</sub> )Plank Rd	City of Frederic	cksburg 0.63	46000 G	95%	1%	1%	1%	3%	0%	F	0.073		0.519	49000	G
$\smile$	To	US 1 Je	efferson Davis Hy	vy											
3 William St	City of Frederic	cksburg 0.24	43000 F	95%	1%	1%	1%	3%	0%	F	0.074		0.521	46000	F
$\bigcirc$	То		; Blue and Gray F	kwy											
			SR 3 William St	059/	10/	10/	10/	00/	09/	0	0.077		0.55	40000	0
3 Blue and Grey Parkwa	City of Frederic	cksburg 0.53	40000 G	95%	1%	1%	1%	3%	0%	С	0.077		0.55	43000	G
	To From		S 1 LaFayette Blv												
$\binom{3}{3}$ Blue and Grey Parkwa	City of Frederic	cksburg 1.00	40000 F	95%	1%	1%	1%	3%	0%	F	0.081		0.514	42000	F
<u> </u>	To		S 17 SR 2 Dixon												
$\binom{3}{3}$ Blue and Grey Parkwa	y City of Frederic	-	41000 F	95%	1%	1%	1%	3%	0%	F	0.088		0.517	44000	F
$\checkmark$	To	ECI	Fredericksburg												
Bus	From		e and Grey Parky												
				000/			00/	001	00/	_	0 0 7 0		0 550	1 4000	_
$\binom{3}{3}$ William St	City of Frederic	-	13000 F 3958 Hanover St	98%	0%	1%	0%	0%	0%	F	0.079		0.553	14000	F

Devite		L a se adda 🛛 🗛		47	Dur		Tru	ck		00	K	01/	Dir		
Route	Jurisdiction	Ū.	ADT QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	Q
Bus 3 William St	From: City of Fredericksburg		Hanover St	98%	0%	1%	0%	0%	0%	С	0.09		0.563	11000	F
3 William St				30 /8	0 /8	1 /8	0 /8	0 /8	0 /8	0	0.03		0.505	11000	'
us	Lee From:		College Ave												
$_{3}$ ) William St	City of Fredericksburg	0.48 <b>12</b>	2000 F	98%	0%	1%	0%	0%	0%	С	0.09		0.541	12000	F
us	To: From:	SR 3 Par, W	ashington Ave												
3) William St	City of Fredericksburg	0.37 <b>5</b> 7	700 F	98%	0%	1%	0%	0%	0%	С	0.084			6000	F
	Combined Traffic Estimates for 2 Parallel Roadways	on this Route: 11	000 F	98%	0%	1%	0%	0%	0%	F	0.092	F	0.521	12000	F
	To	Bus US 1	Caroline St												
us 3 ) William St	City of Fredericksburg	0.07 6	500 F	98%	0%	1%	0%	0%	0%	F	0.095			6900	F
	Combined Traffic Estimates for 2 Parallel Roadways			98%	0%	1%	0%	0%	0%	F	0.095	F	0.579	14000	F
	Too		Par, Sophia St												
us 3 William St				97%	0%	10/	10/	1%	00/	N	0.101		0.534	10000	ı
3 William St	City of Fredericksburg		Stafford	97%	0%	1%	1%	1%	0%	Ν	0.101		0.534	18000	I
JS	From:		3 William St												
Washington Ave	City of Fredericksburg		600 F	98%	0%	1%	0%	0%	0%	F	0.095		0.94	6000	
	Combined Traffic Estimates for 2 Parallel Roadways			98%	0%	1%	0%	0%	0%	F	0.092	F	0.521	12000	
	To:	111-3963	3 Amelia St												
Amelia St	From City of Fredericksburg		Vashington Ave	98%	0%	1%	0%	0%	0%	С	0.094			5000	
Amelia St	Combined Traffic Estimates for 2 Parallel Roadways			98% 98%	0% 0%	1%	0% 0%	0% 0%	0% 0%	C	0.094 NA			11000	
			3 Sophia St	90 /6	0 /0	1 /8	0 /0	0 /0	0 /0	U	INA			11000	1
<u>is</u>	From:	111-3973	3, Amelia St												
3) Sophia St	City of Fredericksburg		000 F	98%	0%	1%	0%	0%	0%	F	0.099			7400	I
	Combined Traffic Estimates for 2 Parallel Roadways			98%	0%	1%	0%	0%	0%	F	0.095	F	0.579	14000	
	r		3 William St												
	City of Fredericksburg (Maint: 8		dericksburg	S	oo 1-95	for direc	tional tr	affic vo	ایسم مع	timate	es for this	2 2001	mont		
7 95	Combined Traffic Estimates for 2 Parallel Roadways	,	6000 A	86%	1%	1%	0%	11%	1%	F	0.078	A	0.503	119000	
			R 3	0070	170	. /0	0,0	11/0	170	•	0.070		0.000	110000	
7 95	City of Fredericksburg (Maint: 8		K 3	Se	ee I-95	for direc	tional tra	affic vo	lume es	timate	es for this	s sear	nent.		
j (3)	Combined Traffic Estimates for 2 Parallel Roadways		0000 A	86%	1%	1%	0%	11%	1%	F	0.065	F	0.570	146000	
	To:		County Line												
s	From	ECL Free	dericksburg												
7 2 Dixon St	City of Fredericksburg	0.55 <b>23</b>	8000 F	93%	1%	2%	1%	3%	0%	С	0.084		0.538	25000	
	Too	Ramp from R	te. 3 Connector												
$\overbrace{7}^{\text{us}}$ 2 Dixon St	City of Fredericksburg	0.26 98	800 F	98%	1%	1%	0%	0%	0%	С	0.095		0.562	10000	
	To		rles St	0070	. /0	. /0	0,0	0.70	0,0	5	0.000		0.000		

								Tru	ck			К		Dir		
Route	Jurisdiction	n Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
Bus	From:		Charles St													
$\left\{ 17 \right\} \left( 2 \right)$ Dixon St	City of Frederick	U	4800	F	98%	1%	1%	0%	0%	0%	F	0.095		0.584	5000	F
~~	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	7800	F	98%	1%	1%	0%	0%	0%	F	0.095	F	0.733	8200	F
Bus	Ta: From:	Pri	ncess Anne	e St												
17 2 Dixon St	City of Frederick	ksburg 0.06	2800	F	98%	1%	1%	0%	0%	0%	F	0.109			2900	F
	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	5800	F	98%	1%	1%	0%	0%	0%	F	0.088	F	0.636	6100	F
	To:	-	Caroline St													
Bus	From:		Dixon Stree		070/	10/		00/	001	00/	•	0 4 0 0				_
17 2 Caroline St	City of Frederic	•	2200	F	97%	1%	2%	0%	0%	0%	C	0.106			2300	F
	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	5200	F	97%	1%	2%	0%	0%	0%	С	NA			5500	F
Bus Bus		La	yfayette Bl	vd												
17 1 2 Caroline St	City of Frederick	ksburg 0.38	4700	F	99%	0%	1%	0%	0%	0%	F	0.09			5000	F
$\sim \sim \sim$	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	11000	F	98%	0%	1%	0%	0%	0%	F	0.086	F	0.564	11000	F
	To	Bus	SR 3 Willia	um St												
Bus Bus	City of Frederic		6900	F	99%	0%	1%	0%	0%	0%	С	0.09			7300	E
('')('')	Combined Traffic Estimates for 2 Parallel	•		F	99% 98%	0%	1%	0%	0%	0%	C	0.092	F	0.599	15000	F
0		,	Herndon St		90 /0	0 /8	1 /0	0 /0	0 /0	0 /8	U	0.092	1	0.555	13000	1
Bus Bus	From:		Caroline St													
17 { 1 } Herndon St	City of Frederic		4300	F	99%	0%	1%	0%	0%	0%	F	0.084			4600	F
<u>~ ~</u>	To: From:		Par Princes		St											
Bus Bus $17$ $1$ Princess Anne St	City of Frederick	•	S 1 Par Her 8400	ndon St	99%	0%	1%	0%	0%	0%	С	0.087		0.716	9000	F
			erson Davis	-		070	1/0	070	0 /0	070	0	0.007		0.710	0000	
Bus ~~~	From:		1 Princess A		2											
17 1 Jefferson Davis Blvd	I City of Frederic		33000	Ν	99%	0%	0%	0%	0%	0%	Ν	0.098		0.592	36000	Ν
<u>&gt; &gt;</u>	To:	NCI	. Fredericks	sburg												
Bus	From:		Dixon Stree								-					_
$\begin{pmatrix} 17\\ P \end{pmatrix} \begin{pmatrix} 2 \end{pmatrix}$ Princess Anne St	City of Frederic	0	3000	F	97%	1%	2%	0%	0%	0%	С	0.101			3200	F
÷ 0	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	5200	F	97%	1%	2%	0%	0%	0%	С	NA			5500	F
Bus Bus	To: From:	Bus US 1, B	us US 17 La	afayette	Blvd											
$\left(17\right)$ $\left(1\right)$ $\left(2\right)$ Princess Anne	e St City of Frederick	ksburg 0.37	5900	F	98%	0%	1%	0%	0%	0%	F	0.082			6300	F
	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	11000	F	98%	0%	1%	0%	0%	0%	F	0.086	F	0.564	11000	F
	То	Bus	SR 3 Willia	um St												
Bus Bus					000/	00/	10/	00/	00/	00/	0	0.000			7000	-
Princess Anne St	City of Frederick	-	7200	F	98%	0%	1%	0% 0%	0%	0%	C	0.089	-	0.500	7600	F
C	Combined Traffic Estimates for 2 Parallel		<b>14000</b> US 1 Hernd	F	98%	0%	1%	0%	0%	0%	С	0.092	F	0.599	15000	F
	Farmer						I									
A1. 11.		SCL	Fredericks	burg												
	City of Fredericksburg		61000	٨	87%	1%	1%	0%	11%	1%	F	0 082			59000	Δ
North 95 (17)	City of Fredericksburg Combined Traffic Estimates for 2 Parallel	g (Maint: 88) 0.89	61000 126000	A A	87% 86%	1% 1%	1% 1%	0% 0%	11% 11%	1% 1%	F F	0.082 0.078	А	0.503	59000 119000	A A

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW
North	From:	S	R 3 Plank R	d												
95) (17)	City of Fredericksburg (Maint: 88)	2.29	76000	Α	87%	1%	1%	0%	11%	1%	F	0.074			75000	А
	Combined Traffic Estimates for 2 Parallel Roadways on th	is Route:	150000	Α	86%	1%	1%	0%	11%	1%	F	0.065	F	0.570	146000	А
	To:	Staff	ord County	Line												
South	From:	SCL	Fredericks	ourg												
95) (17)	City of Fredericksburg (Maint: 88)	1.61	64000	Α	86%	1%	1%	0%	11%	1%	F	0.079			60000	А
	Combined Traffic Estimates for 2 Parallel Roadways on th	is Route:	126000	Α	86%	1%	1%	0%	11%	1%	F	0.078	А	0.503	119000	А
South	Tao From	S	R 3 Plank R	d												
$\overline{(95)}$ $\overline{(17)}$	City of Fredericksburg (Maint: 88)	1.76	74000	Α	86%	1%	1%	0%	11%	1%	F	0.076			71000	А
$\bigcirc \bigcirc$	Combined Traffic Estimates for 2 Parallel Roadways on th	is Route:	150000	Α	86%	1%	1%	0%	11%	1%	F	0.072	А	0.500	146000	А
	To:	Staff	ord County	Line												

						City of Fredericks	buly							
Route	Length	AADT	QA	4Tire	Bus	Tru 2Axle 3+Axle	••••		QC	K Factor	QK Fact	AAWDT	QW	Year
City of Fredericksburg														
	0.47	From	F	000/		US 1 Jefferson Davis		09/	0	0.005	0.50	10000	F	0017
1 Cowan Blvd	0.47	18000	г	99%	0%	1% 0%	0%	0%	С	0.095	0.56	68 19000	Г	2017
		To				Snowden Hills Bly								
$\begin{pmatrix} 1 \end{pmatrix}$ Cowan Blvd	1.23	21000	G	99%	0%	1% 0%	0%	0%	F	0.095	0.56	68 23000	G	2017
<u> </u>		To				Carl D Silver Pkw	уy							
		From				US 1 Jefferson Davis			_				_	
(3950) Twin Lake Dr	0.46	3400	F	98%	1%	0% 1%	0%	0%	С	0.095	0.50	3600	F	2017
$\bigcirc$		To				Lafayette Blvd								
0		From			W	CL Fredericksburg; 8	38-638							
(3952) Lansdowne Rd	0.47	8000	F	94%	1%	2% 0%	3%	0%	С	0.095	0.53	38 8500	F	2017
$\bigcirc$		To				Bus US 17, SR 2 Dix	on St							
		From				William Street								
(3953) Stafford Avenue	0.50	2300	F	97%	0%	2% 0%	0%	0%	С	0.088	0.73	33 2500	F	2017
$\bigcirc$		To				Jefferson Davis High	way							
		From				Cardwell St								
(3954) Howison St	0.09	650	F	94%	2%	2% 1%	1%	0%	С	0.087	0.53	32 690	F	2017
$\bigcirc$	<u>.</u>	То				Howard Ave								
$\sim$		From				Howard Avenue								
(3954) Howison Avenue	0.16	1600	F	96%	1%	1% 0%	1%	0%	С	0.090	0.55	56 1700	F	2017
$\bigcirc$		To				Dixion Street								
0		From				William Street								
(3955) College Ave	0.67	7500	F	99%	0%	1% 0%	0%	0%	С	0.093	0.61	15 8000	F	2017
$\bigcirc$		To				Jefferson Davis High	way							
		From				Bus SR 3 William	St							
(3958) High St	0.04	640	F	99%	0%	0% 0%	0%	0%	F	0.106	0.94	47 680	F	2017
		To				Hanover St							F G F F F F	
~		From				High St								
(3958) Hanover St	0.60	2100	F	99%	0%	0% 0%	0%	0%	С	0.09	0.83	35 2200	F	2017
$\bigcirc$		To				111-3959 Littlepage	e St							
(3958) Hanover St	0.49	820 From	F	99%	0%	1% 0%	0%	0%	С	0.117		870	F	2017
(5550)		Ta												
Hanover St	0.12	From 610	F	97%		s US 1 Par Princess A 2% 0%		0%	F	0.12		650	F	2017
(3958) Hanover St	0.12	610 то		97%	1%		0%	0%	Г	0.12		650	Г	2017
-						111-3973 Sophia S								
		From		070/		Bus US 1 LaFayette							_	
(3959) Littlepage St	0.44	1300	F	97%	1%	2% 0%	0%	0%	С	0.090	0.57	77 1300	F	2017
)		To				Bus SR 3 William	St							
		From				Bus US 1 LaFayette	Blvd							
(3961) Kenmore Ave	0.49	3800	F	98%	1%	1% 0%	0%	0%	С	0.093	0.62	26 4000	F	2017
$\smile$						Bus SR 3 William	St			<b>—</b>				
(3961) Kenmore Ave	0.40	From 1300	F	98%	1%	0% 0%	0%	0%	С	0.089	0.55	56 1400	F	2017
		To				Mary Ball St								
		From				Kenmore Ave								
(3961) Mary Ball St	0.10	1600	F	98%	1%	1% 0%	0%	0%	С	0.088	0.55	51 1700	F	2017
$\bigcirc$		To				111-6963 Washington	n Ave							
		From				Bus SR 3 P Amelia	St							
(3963) Washington Ave	0.43	2500	F	98%	1%	1% 0%	0%	0%	С	0.104	0.72	25 2600	F	2017
Machington Ava	0.44	From 2600	F	97%	1%	111-3975 Maury S 1% 0%	St 0%	0%	С	0.110		2700	E	2017
(3963) Washington Ave	0.44	2000 To	<u>г</u>	97%	170			0%	U	0.116		2700	г	2017
			I			111-3965; Fall Hill /								
		From				Kenmore Avenue		<u> </u>	_				-	<u> </u>
(3965) Prince Edward St	0.35	2300	F	99%	0%	0% 0%	0%	0%	F	0.107	0.71	18 2500	F	2017
$\smile$		To				William Street				<b>—</b>				
(3965) Prince Edward St	0.44	1800	F	99%	0%	0% 0%	0%	0%	С	0.094	0.82	26 2000	F	2017
Ü		- T-			-		-	-						
	0.10	From	L	070/	10/	Canal Street	00/	0%	~	0.00	0.70	24 2200	E	0017
(3965) Fall Hill Avenue	0.10	2200 To	F	97%	1%	2% 0%	0%	0%	С	0.09	0.76	64 2300	г	2017
-		10	1			Maury Street								

					(		redericks	sburg								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Fredericksburg																
(3965) Fall Hill Avenue	0.39	5400	F	98%	1%	Ма 1%	ury Street 0%	0%	0%	С	0.087			3600	F	2017
$\bigcirc$		To				Wash	ington Stre	et								
(3965) Fall Hill Avenue	0.15	8400	F	98%	1%	1%	0%	0%	0%	F	0.103		0.701	8900	F	2017
	1 50	From:	L	000/			Davis Hig		00/		0.005		0.040	17000	-	0017
(3965) Fall Hill Avenue	1.59	16000	F	99%	0%	1%	0%	0%	0%	С	0.095		0.643	17000	F	2017
		To From:					I-95	<b></b>	<b>A *</b> /						_	
(3965) Fall Hill Avenue	0.95	17000 To:	F	99%	0%	1%	0%	0%	0%	С	0.094		0.634	18000	F	2017
0							redericksb									
Charles St	0.04	From:		000/	10/		17 Dixon S		09/	F	0.094		0 550	5000	F	2017
(3967) Charles St	0.24	5600 To:	F	98%	1%	1%	0%	0%	0%	Г	0.094		0.552	5900	Г	2017
		From:	I				Lafayette									
(3973) Sophia St	0.37	6500	F	98%	1%	Lata 1%	vyette Blvd 0%	0%	0%	С	0.097		0.585	6900	F	2017
(3973) Sophia St	0.07	To:	Г	30 /8	1 /0		3 William		078	0	0.037		0.000	0300	1	2017
		From:						. Dt			1					
(3975) Maury St	0.14	2000	F	98%	1%	1%	shington St 0%	0%	0%	С	0.097		0.71	2200	F	2017
(3975) Maury St	0.11	To:	•	0070	170		Hill Avenue		070	0			0.71	2200	·	2017
		From:					lank Rd	-			1					
(3976) Westwood Dr	0.20	880	F	98%	1%	1%	0%	0%	0%	С	0.102		0.66	930	F	2017
		To:				Wo	odland Dr									
$\sim$		From:					stwood Dr									
(3976) Woodland Rd	0.04	910	F	97%	1%	1%	0%	0%	0%	С	0.108		0.620	970	F	2017
0		To: From:					ng Creek R									
(3976) Keenland Rd	0.36	970	F	97%	1%	1%	2%	0%	0%	С	0.109		0.687	1000	F	2017
$\bigcirc$		To: From:					n Boulevar wan Blvd	ď								
(3976) Powhatan St	0.24	1600	F	99%	0%	1%	0%	0%	0%	С	0.129		0.919	1700	F	2017
(3976)		Tor	-				on Davis H		• / •	-						
		From:					ahone Dr									
Hays St		960	F								0.090		0.5	960	F	2017
•		To:				Oa	kwood St									
		From:				Char	lotte Street	t								
Jackson St		1000	F					-			0.110		0.530	1000	F	2017
		To:				Wo	olfe Street									
		From:				Fa	uquier St									
Sophia St		3200	F								0.096		0.966	3200	F	2017
		To:				I	æwis St									
		From:				Railr	oad Avenu	e								
Summit St		110	F								0.125		0.793	110	F	2017
		To:				Wł	nite Street									
		From:				Sto	newall Dr									
Wilderness Ln		1000	F								0.117		0.556	1000	F	2017
		To:				US 1 L	afayette Bl	vd								