2009

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 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	
7	Virginia State Rou	te
(F241)	Frontage Road (F	precedes frontage route number)
(600)	Secondary 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.

2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

_								Tru	ıck			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	0.1	Α	0.617	33000	
~	To: From:		SR 3													
1) Jefferson Davis Blvd	City of Fredericksburg	0.90	29000	G	98%	0%	1%	0%	0%	0%	F	0.087	F		31000	
~	To: From:		College Ave													
1) Jefferson Davis Blvd	City of Fredericksburg	0.59	28000	G	98%	0%	1%	0%	0%	0%	F	0.082	F		31000	
~	To: From:]	Fall Hill Ave	e												
1) Jefferson Davis Blvd	City of Fredericksburg	0.29	21000	G	98%	0%	1%	0%	0%	0%	F	NA			23000	
Bus	To: From:	Bus US	l Princess A	Anne Ave												
Jefferson Davis Blvd	City of Fredericksburg	0.11	29000	N	98%	0%	1%	0%	1%	0%	N	0.084	Ν	0.606	32000	
9 (9)	To:	NCI	Fredericks	burg												
JS	From:	SCI	Fredericks	burg												
1 LaFayette Blvd	City of Fredericksburg	1.42	21000	G	96%	1%	1%	1%	1%	0%	F	0.085	F		23000	
	To: From:	SR 3; Bl	ue and Grey	Parkwa	y		\Box \vdash									
us 1 LaFayette Blvd	City of Fredericksburg	0.38	10000	G	96%	1%	1%	1%	1%	0%	F	0.086	F		11000	
	To: From:	111-	3957 Sunke	n Rd												
us LaFayette Blvd	City of Fredericksburg	0.56	10000	G	96%	1%	1%	1%	1%	0%	F	0.086	F		11000	
<i>~</i>	Too	111-39	961 Kenmoi	re Ave			_									
us 1 LaFayette Blvd	City of Fredericksburg	0.10	5200	N	97%	1%	2%	0%	0%	0%	N	0.095	N		5700	
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us 1 LaFayette Blvd	City of Fredericksburg	0.06	5200	G	97%	1%	2%	0%	0%	0%	F	0.095	F		5700	
LaFayette Blvd	To:		JS 17 Caroli		31 /6	1 /0	2/0	076	070	078	'	0.035	'		3700	
us Bus	From·		17, Lafayet													
1) (17) (2) Caroline St	City of Fredericksburg	0.38	5100	G	97%	1%	2%	0%	0%	0%	F	0.085	F		5600	
	Combined Traffic Estimates for 2 Parallel Roadways	on this Route:	11000	G	98%	1%	1%	0%	0%	0%	F	NA			12000	
us Bus	To: From:	Bus	SR 3 Willia	m St												
1 Caroline St	City of Fredericksburg	0.51	6000	G	97%	1%	2%	0%	0%	0%	С	0.086	F		6500	
	Combined Traffic Estimates for 2 Parallel Roadways			G	98%	1%	1%	0%	0%	0%	С	NA			14000	
	To:		Herndon St													
us Bus	From:		Caroline St													
1) (17) Herndon St	City of Fredericksburg	0.06	4500	G	97%	1%	2%	0%	0%	0%	F	0.082	F		4900	
In Pun	To: From:		Par Princes S 1 Par Herr		St											
us Bus 1 17 Princess Anne St	City of Fredericksburg	0.70	9700	G	98%	0%	1%	0%	0%	0%	С	0.094	F		10000	
1 Princess Anne St	To:		erson Davis			070		070	070	070	O	0.054	•		10000	
us Bus	From:	Bus US 1, B			•		<u> </u>									
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	St City of Fredericksburg	0.37	6300	G	98%	1%	1%	0%	0%	0%	F	0.088	F		6900	
princess Anne	Combined Traffic Estimates for 2 Parallel Roadways		11000	G	98%	1%	1%	0%	0%	0%	F	NA	•		12000	
	Combined Francesimales for a raidile Roadways	on this Roule.	11000	G	3070	170	170	U 70	U70	U70	Г	INA			12000	

2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

Supply S									Trı	ck			K		Dir		
Bus Princess Anne St Combined Traffic Estimates for 2 Parallel Roadways on this Route 1800 G 89% 1% 1% 1% 0% 0% 0% 0% 0	Route	Jurisdiction	Length	AADT	QA	4Tire	Bus					QC		QK		AAWDT	QW
Princess Anne St	Bus Bus	From:	Bus S	R 3 Willia	m St			2, 040	017040	TTTGII	Ziran		1 40101		1 40101		
Combined Traffic Est mates for 2 Parallel Roadways on this Route: 3000 S 3000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	City of Fredericksburg				98%	1%	1%	0%	0%	0%	С	0.109	F		7800	G
Bus		Combined Traffic Estimates for 2 Parallel Roadways of	on this Route:	13000	G	98%	1%	1%	0%	0%	0%	С	NA			14000	G
Type Dison St City of Fredericksburg 0.55 22000 G 94% 1% 1% 2% 3% 0% C 0.088 F 24000 G	·	To:		S 1 Herndo	on St												
Blus Dison St City of Fredericksburg 0.26 10000 Ca 98% 1% 1% 0% 0% 0% 0% 0% 0	Bus	From:	ECL :	Fredericksl	burg												
2 17 Dixon St City of Freedericksburg 0.28 10000 G 98% 1% 1% 0% 0% 0% 0% 0 0% 0 0% 0 0 0 0	2) (17) Dixon St	City of Fredericksburg	0.55	22000	G	94%	1%	1%	2%	3%	0%	С	0.088	F		24000	G
2 177 Dison St City of Fredericksburg 0.26 10000 C 98% 1% 1% 0% 0% 0% 0% 0% 0		To	Ramp fro	om SR 3 Co	nnector			_									
Bus City of Fredericksburg 0.68 4800 G 98% 1% 1% 0% 0% 0% 0% 0% 0		City of Frederickshurg	0.26	10000	G	98%	1%	1%	0%	0%	0%	C	0.097	F		11000	G
2 17 Dixon St City of Fredericksburg 0.06 4800 G 98% 1% 1% 0% 0% 0% F 0.101 F 5200 G	2) (17) Bixon St	City of Fredericksburg				30 /6	1 70	1 70	076	070	076	C	0.031	•		11000	J
Combined Traffic Estimates for 2 Parallel Roadways on this Route Type Typ	Bus	To: From:	(Charles St													
Combined Traffic Estimates for 2 Parallel Roadways on this Route: 100 10 10 10 10 10 10	2) (17) Dixon St	City of Fredericksburg	0.06	4800	G	98%	1%	1%	0%	0%	0%	F	0.101	F		5200	G
Discor St		Combined Traffic Estimates for 2 Parallel Roadways of	on this Route:	7700	G	97%	1%	1%	0%	0%	0%	F	NA			8400	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route: \$400 G 96% 1% 2% 0% 0% 0% 0% 0% 0 % 0%		To:			St												
Combined Traffic Estimates for 2 Parallel Roadways on this Route: 5400 G 96% 1% 2% 0% 0% 0% 0% 0% 0% 0	\sim	City of Frodorickshurs			-	069/	10/	20/	00/	00/	00/	C	0.112	_		2200	<u></u>
Bus Bus	2 17 Princess Arine St	•												Г			
2 1 17 Princess Anne St City of Fredericksburg 0.37 6300 G 98% 1% 1% 0% 0% 0% 0% 0% F 0.088 F 6900 G		Combined Traffic Estimates for 2 Parallel Roadways 6	on this Route:	5400	G	96%	1%	2%	0%	0%	0%	C	NA			5900	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route: 11000	Bus Bus	To: From:]	Bus US 1													
Combined Traffic Estimates for 2 Parallel Roadways on this Routie: 11000	2) 1 (17) Princess Anne	St City of Fredericksburg	0.37	6300	G	98%	1%	1%	0%	0%	0%	F	0.088	F		6900	G
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1-95 1-95		From:	WCL	Fredericks	burg												
3 Plank Rd City of Fredericksburg 0.61 55000 G 94% 0% 1% 1% 3% 0% F NA 55000 G Oakwood St 3 Plank Rd City of Fredericksburg 0.63 45000 G 94% 0% 1% 1% 3% 0% F 0.076 F 45000 G US 1 Jefferson Davis Hwy 3 William St City of Fredericksburg 0.24 39000 G 94% 0% 1% 1% 3% 0% F 0.078 F 43000 G Bus SR 3: Blue and Gray Pkw Bus SR 3: Blue and Gray Pkw 3 Blue and Grey Parkway City of Fredericksburg 1.00 36000 G 94% 0% 1% 1% 3% 0% F 0.082 F 33000 G Bus US 1 LaFayette Blvd 3 Blue and Grey Parkway City of Fredericksburg 0.36 32000 G 94% 0% 1% 1% 3% 0% F 0.082 F 39000 G Bus US 1 TSR 2 Dixon St City of Fredericksburg 0.36 32000 G 94% 0% 1% 1% 3% 0% F 0.088 F 35000 G Bus US 1 TSR 2 Dixon St SR 3 Blue and Grey Parkway City of Fredericksburg 0.36 32000 G 94% 0% 1% 1% 3% 0% F 0.088 F 35000 G Bus US 1 TSR 2 Dixon St SR 3 Blue and Grey Parkway City of Fredericksburg 0.36 32000 G 94% 0% 1% 1% 3% 0% F 0.088 F 35000 G	(3) Plank Rd	City of Fredericksburg	0.34	84000	F	96%	0%	1%	1%	3%	0%	F	0.077	F	0.509	80000	F
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3 Plank Rd	$\overline{}$	To	0	Dakwood St													
Second S	Plank Rd	City of Fredericksburg				94%	0%	1%	1%	3%	0%	F	0.076	F		45000	G
3 William St City of Fredericksburg 0.24 3900 G 94% 0% 1% 1% 3% 0% F 0.078 F 43000 G		To:															
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3 Blue and Grey Parkway City of Fredericksburg Bus US 17 SR 2 Dixon St 3 Blue and Grey Parkway City of Fredericksburg 0.36 32000 G From ECL Fredericksburg SR 3 Blue and Grey Parkway City of Fredericksburg To ECL Fredericksburg 3 William St City of Fredericksburg 0.14 13000 G 94% 0% 1% 1% 3% 0% F 0.082 F 39000 G F 0.088 F 35000 G SR 3 Blue and Grey Parkway SR 3 Blue and Grey Parkway 3 William St City of Fredericksburg 0.14 13000 G 98% 0% 1% 0% 0% 0% F 0.086 F 15000 G		To:	Bus US	1 LaFayett	e Blvd			— —									
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3 Blue and Grey Parkway City of Fredericksburg To: Bus To: SR 3 Blue and Grey Parkway 3 William St City of Fredericksburg 0.36 32000 G 94% 0% 1% 1% 3% 0% F 0.088 F 35000 G ECL Fredericksburg SR 3 Blue and Grey Parkway 3 William St City of Fredericksburg 0.14 13000 G 98% 0% 1% 0% 0% 0% F 0.086 F 15000 G		- To	Rue IIC	17 SR 2 D	ixon St												
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		City of Fredericksbura				98%	0%	1%	0%	0%	0%	F	0.086	F		15000	G
To: 111-3958 Hanover St	<u> </u>	To:				/-	- / 0		- / 0	- / 0	- , 0	-	2.200	-			-

2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

			uencksburg				Tru	ıck			K	<u> </u>	Dir		
Route	Jurisdiction	Length AA	DT QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK F	AAW actor	DT	QW
Bus	From:		Hanover St												
3 William St	City of Fredericksburg	0.30 100	000 G	98%	0%	1%	0%	0%	0%	С	0.085	F	110	00	G
Bus	To: From:	111-3955 C	College Ave												
3 William St	City of Fredericksburg	0.48 110	000 G	98%	0%	1%	0%	0%	0%	С	0.085	F	120	00	G
Bus	To: From:	SR 3 Par, Was	ashington Ave												—
3 William St	City of Fredericksburg	0.37 56 0	600 G	98%	0%	1%	0%	0%	0%	С	0.09	F	610	0	G
	Combined Traffic Estimates for 2 Parallel Roadways of	on this Route: 110	000 G	97%	1%	1%	0%	0%	0%	F	NA		110	00	G
<u> </u>	To- Franc	Bus US 1 C	Caroline St												
Bus 3 William St	City of Fredericksburg	0.07 67 0	′00 G	98%	0%	1%	0%	0%	0%	F	0.108	F	730	10	G
3) ************************************	Combined Traffic Estimates for 2 Parallel Roadways of			97%	1%	1%	0%	0%	0%	F	NA	•	130		G
	ты		ar, Sophia St	** /*	.,,					-					
Bus	From:			000/	00/	40/	00/	007	00/	_	N 10		000	20	_
3 William St	City of Fredericksburg	0.03 180	000 G Stafford	98%	0%	1%	0%	0%	0%	F	NA		200	JU	G
Due	From:	Bus SR 3 V													_
Bus 3 Washington Ave	City of Fredericksburg	0.07 49		96%	2%	1%	0%	1%	0%	F	0.087	F	530	0	G
B)	Combined Traffic Estimates for 2 Parallel Roadways of	on this Route: 110		97%	1%	1%	0%	0%	0%	F	NA		110	00	G
	To:	111-3963	Amelia St												
Bus 3 Amelia St	City of Fredericksburg	111-3963, Wa 0.43 42 0	ashington Ave	96%	2%	1%	0%	1%	0%	С	0.094	F	460	10	G
3 Amelia St	Combined Traffic Estimates for 2 Parallel Roadways of			97%	2% 1%	1%	0%	0%	0%	С	0.094 NA	Г	110		G
	To:	111-3973		31 /0	1 /0	170	076	070	076	C	INA		110	50	J
Bus	From:	111-3973,	Amelia St												
3)Sophia St	City of Fredericksburg	0.07 56 0		96%	2%	1%	0%	1%	0%	F	0.095	F	610		G
\smile	Combined Traffic Estimates for 2 Parallel Roadways of			97%	1%	1%	0%	0%	0%	F	NA		130	00	G
	Front	Bus SR 3 V													_
(47) (F)	City of Fredericksburg (Maint: 88)	SCL Frede	lericksburg		See 1-95	for dire	ectional t	raffic vo	olume es	timate	s for this	segmen	 		
[17] [95]	Combined Traffic Estimates for 2 Parallel Roadways of		1000 F	91%	1%	1%	0%	7%	0%	F	NA	ocginen	 111(000	F
	To:		R 3	0.70	.,,	$\ddot{-}$	0,0	. , ,	0,0	•					
17 (95)	City of Fredericksburg (Maint: 88)	2.29	X 3		See I-95	for dire	ectional to	raffic vo	olume es	timate	s for this	segmen	t.		
(17) (33)	Combined Traffic Estimates for 2 Parallel Roadways of		6000 F	91%	1%	1%	0%	8%	0%	F	NA	3	1370	00	F
	To:	Stafford Co													
Bus	From:	ECL Frede	lericksburg												
17 2 Dixon St	City of Fredericksburg	0.55 220	000 G	94%	1%	1%	2%	3%	0%	С	0.088	F	240	00	G
Rus	To- From:	Ramp from Rte	te. 3 Connector												
Bus 17 2 Dixon St	City of Fredericksburg	0.26 100	000 G	98%	1%	1%	0%	0%	0%	С	0.097	F	110	00	G
	To	Charl				Ti.				-					

2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

			rrederick	.0.0 0.1 0				Tru	ck			K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	2Axle	3+Axle			QC	Factor	QK	Factor	AAWDT	QW
Bus	From:		Charles St				2, 040	017.040	111011	Ziran		1 40101		1 40101		
17 2 Dixon St	City of Fredericksb		4800	G	98%	1%	1%	0%	0%	0%	F	0.101	F		5200	G
	Combined Traffic Estimates for 2 Parallel Ro	oadways on this Route:	7700	G	97%	1%	1%	0%	0%	0%	F	NA			8400	G
	To	Pris	ncess Anne	St												
Bus	From:					401					_					_
$\binom{17}{2}$ Dixon St	City of Fredericksbu	0	2400	G	98%	1%	1%	0%	0%	0%	F	NA			2600	G
~ 0	Combined Traffic Estimates for 2 Parallel Ro	,	5300	G	97%	1%	2%	0%	0%	0%	F	NA			5800	G
Bus	From:		Caroline St Dixon Street													
17 2 Caroline St	City of Fredericksbi		2500	G	97%	0%	2%	1%	0%	0%	С	0.086	F		2700	G
(17) (2) Sansinis St	Combined Traffic Estimates for 2 Parallel Ro	•	5400	G	96%	1%	2%	0%	0%	0%	C	NA	•		5900	G
	Tolling Traing Estimates for 21 drains 140				3070	170	270	070	070	070	Ü	14/1			0000	O
Bus Bus	From:	La	yfayette Blv	/d												
17 \ 1 \ (2) Caroline St	City of Fredericksb	urg 0.38	5100	G	97%	1%	2%	0%	0%	0%	F	0.085	F		5600	G
\bigcirc	Combined Traffic Estimates for 2 Parallel Ro	oadways on this Route:	11000	G	98%	1%	1%	0%	0%	0%	F	NA			12000	G
	To:	Bus S	SR 3 Willian	m St												
Bus Bus	City of Fredericksb	ura 0.51	6000	G	97%	1%	2%	0%	0%	0%	С	0.086	F		6500	G
17 (1) Caroline St	Combined Traffic Estimates for 2 Parallel Ro	J		G							С		Г			
	Combined Frantic Estimates for 2 Parallel Ro	,	Herndon St	G	98%	1%	1%	0%	0%	0%	C	NA			14000	G
Bus Bus	From:		Caroline St													
17 1 Herndon St	City of Fredericksbu	urg 0.06	4500	G	97%	1%	2%	0%	0%	0%	F	0.082	F		4900	G
	To:	BUS US 1	Par Princes	s Anne S	St											
Bus Bus	From:		S 1 Par Herr													
(17) (1) Princess Anne St	City of Fredericksbu	0	9700	G	98%	0%	1%	0%	0%	0%	С	0.094	F		10000	G
Pure	To: From:		erson Davis 1 Princess A													
Bus 17 1 Jefferson Davis Blvd	City of Fredericksbi		29000	N	98%	0%	1%	0%	1%	0%	N	0.084	N	0.606	32000	Ν
1 Jefferson Davis Blvd	To:	- 3	Fredericksl		3070	070	170	070	1 /0	070	14	0.004	11	0.000	32000	14
D	From:		Dixon Street													
17 2 Princess Anne St	City of Fredericksbi		2900	G	96%	1%	2%	0%	0%	0%	С	0.112	F		3200	G
2 Princess Anne St	Combined Traffic Estimates for 2 Parallel Ro	J	5400	G	96%	1%	2%	0%	0%	0%	С	NA	•		5900	G
	To:	Bus US 1, Bu				1 /0	270	070	070	076	C	INA			3300	J
Month	From:	<u> </u>	Fredericksh													
North (95) (17)	City of Fredericksburg (N		61000	F	87%	1%	1%	0%	11%	1%	F	NA			56000	F
95 [17]	Combined Traffic Estimates for 2 Parallel Ro			F	91%	1%	1%	0%	7%	0%	F	NA			111000	F
	Combined Trainic Estimates for 2 Farance No				9170	1 /0	1 /0	0 /6	1 /0	0 /6	-	INA			111000	
North	To: From:	SI	R 3 Plank R	d												
95) (17)	City of Fredericksburg (M	Maint: 88) 2.29	77000	F	87%	1%	1%	0%	11%	1%	F	NA			72000	F
	Combined Traffic Estimates for 2 Parallel Ro	oadways on this Route:	145000	F	91%	1%	1%	0%	8%	0%	F	NA			137000	F
	To:		ord County l	Line												
South	From:	SCL	Frederickst	ourg												
95) (17)	City of Fredericksburg (M		63000	F	95%	0%	0%	0%	4%	0%	F	NA			56000	F
	Combined Traffic Estimates for 2 Parallel Ro	•	124000	F	91%	1%	1%	0%	7%	0%	F	NA			111000	F
	To		R 3 Plank R													

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Virginia Department of Transportation Traffic Engineering Division 2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

Route	Jurisdiction .	Leng	h AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK Dir Facto	r AAWDT	QW
South	From:		SR 3 Plank	Rd											
(95) {17}	City of Fredericksburg (N	//aint: 88) 1.76	68000	Α	95%	0%	0%	0%	4%	0%	F	0.086	Α	65000	Α
\circ	Combined Traffic Estimates for 2 Parallel R	oadways on this Rou	e: 145000	F	91%	1%	1%	0%	8%	0%	F	NA		137000	F
	То:	S	afford Count	/ Line											

Virginia Department of Transportation Traffic Engineering Division 2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

					,	City of Fr	redericksbu	ırg								
Route	Length	AADT	QA	4Tire	Bus		Truck 3+Axle 1			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Fredericksburg																
O Blad	0.47	From	<u> </u>	000/			rson Davis Hy		00/			_		40000	0	0000
(1) Cowan Blvd	0.47	15000	G	99%	0%	1%	0%	0%	0%	С	0.09	F		16000	G	2009
		To: From:				Snowde	en Hills Blvd									
(1) Cowan Blvd	1.23	NA									NA			NA		
\bigcirc		To				Carl D	Silver Pkwy									
		From:				Jefferso	n Davis Blvd									
(3950) Twin Lake Dr	0.46	3100	G	99%	1%	0%	0%	0%	0%	С	0.106	F	0.576	3400	G	2009
<u> </u>		To				Lafa	yette Blvd									
		From			V	VCL Frede	ricksburg; 88-	638								
3952) Lansdowne Rd	0.47	7100	G	93%	1%	1%	1%	4%	0%	С	0.091	F		7700	G	2009
\bigcirc		To				Bus US 17	, SR 2 Dixon	St								
		From				Will	iam Street									
3953) Stafford Avenue	0.50	1700	G	96%	1%	3%		0%	0%	С	0.085	F	0.665	1900	G	2009
		To				Jefferson	Davis Highwa	ıy								
		From				Car	rdwell St				Ī					
3954) Howison St	0.09	580	G	96%	2%	1%		1%	0%	F	0.086	F	0.613	640	G	2009
3337	3.00	To:		-370			ward Ave			-		-	2.2.0	0	-	_000
_		From					ard Avenue									
3954) Howison Avenue	0.16	1300	G	96%	2%	1%	1%	1%	0%	С	0.087	F	0.586	1500	G	2009
\smile		To				Dix	ion Street									
		From				Will	iam Street									
3955) College Ave	0.67	7300	G	99%	0%	0%		0%	0%	С	0.092	F		8000	G	2009
		To				Jefferson	Davis Highwa	ıy								
		From				Bus SR	3 William St									
3958) High St	0.04	720	G	99%	0%	0%		0%	0%	F	0.126	F	0.953	780	G	2009
3936)9 🔾	0.0 .	To:	Ť	0070	0,0		nover St			•		•	0.000			
		From					ligh St									
3958) Hanover St	0.60	2200	G	99%	0%	0%	0%	0%	0%	С	0.092	F	0.811	2400	G	2009
\bigcirc		To				111 3050	9 Littlepage S									
3958) Hanover St	0.49	860 From:	G	99%	0%	0%		0%	0%	F	0.100	F		930	G	2009
3958) 1 10110701 01	0.40	000		0070					070		0.100	•		300	Ŭ	2000
<u> </u>		From					r Princess Anı									
(3958) Hanover St	0.12	630	G	97%	1%	2%		0%	0%	F	0.119	F		680	G	2009
<u> </u>		To:				111-39	73 Sophia St									
		From				Bus US 1	LaFayette Blv	/d								
3959) Littlepage St	0.44	1300	G	97%	1%	2%	0%	0%	0%	С	0.091	F	0.535	1400	G	2009
		To:				Bus SR	3 William St									
		From:				Bus US 1	LaFayette Blv	/d								
3961) Kenmore Ave	0.49	4400	G	98%	0%	1%		0%	0%	С	0.091	F		4700	G	2009
<u> </u>		Tn				Rue CD	3 William St									
3961) Kenmore Ave	0.40	1400	G	98%	1%	1%		0%	0%	С	0.091	F	0.554	1500	G	2009
(3961) Kenmore Ave	0.40	1400 To:		30 /0	1 /0		ry Ball St	J /0	U /0	U	0.091	г	0.554	1500	G	2009
		From					more Ave									
3961) Mary Ball St	0.10	1700	G	98%	1%	1%		0%	0%	F	0.086	F	0.545	1900	G	2009
<u> </u>		To					Washington A									
		From					3 P Amelia St									
3963) Washington Ave	0.43	2100	G	98%	1%	1%		0%	0%	С	0.094	F	0.642	2300	G	2009
3903) 17 451111910117110	3.40			0070	. 70			- /-0	0 / 0			•	0.072	_500	_	2000
	0.44	From:	<u> </u>	0007	401		75 Maury St	20/	001					0.400		0000
3963 Washington Ave	0.44	2200	G	98%	1%	1%		0%	0%	F	0.1	F		2400	G	2009
<u> </u>		To	<u> </u>			111-3965	; Fall Hill Av	e								
<u> </u>		From		•			ore Avenue									· · · · · ·
3965) Prince Edward St	0.35	2400	G	99%	0%	0%	0%	0%	0%	F	0.091	F	0.731	2600	G	2009
$\overline{}$		To				Will	iam Street									
3965) Prince Edward St	0.44	1900	G	99%	0%	0%		0%	0%	С	0.092	F	0.773	2100	G	2009
									-	-						
Foll I III Avenue	0.40	From	᠆	000/	00/		nal Street	00/	00/		0.005	г	0.004	0500		2000
(3965) Fall Hill Avenue	0.10	2300	G	99%	0%	0%		0%	0%	F	0.085	F	0.801	2500	G	2009
\sim		To				Maı	ury Street									

Virginia Department of Transportation Traffic Engineering Division 2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Fredericksburg

					,	Sity Of I	redericks	buig								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
ity of Fredericksburg																
<u> </u>		From					ury Street				<u> </u>					
Fall Hill Avenue	0.39	3000	G	99%	0%	0%	0%	0%	0%	F	NA			3300	G	2009
		To: From:				Washi	ngton Stree	et								
3965) Fall Hill Avenue	0.15	8700	G	99%	0%	0%	0%	0%	0%	F	0.087	F		9400	G	2009
<u> </u>		To:				Jefferson	Davis High	hway								
Fall Hill Avenue	1.59	13000	G	99%	0%	0%	0%	0%	0%	С	0.089	F		14000	G	2009
<u> </u>		To					I-95				\neg —					
Fall Hill Avenue	0.95	14000	G	99%	0%	0%	0%	0%	0%	С	0.088	F		15000	G	2009
		To:				WCL F	redericksbu	urg								
		From:				Bus 1	7 Dixon St	t								
Charles St	0.24	6500	G	98%	0%	1%	0%	0%	0%	F	0.091	F	0.566	7000	G	2009
<u> </u>		To				Bus US 1	Lafayette 1	Blvd								
		From				Lafa	yette Blvd									
973) Sophia St	0.37	5300	G	99%	0%	0%	0%	0%	0%	С	0.093	F		5700	G	200
<u> </u>		To:				Bus SR	3 William	St								
_		From:				Was	hington St									
975) Maury St	0.14	1600	G	98%	1%	1%	0%	0%	0%	С	NA			1800	G	2009
<u> </u>		To:				Fall I	Hill Avenue	9								
_		From:				P	lank Rd									
976) Westwood Dr	0.20	910	G	98%	1%	0%	0%	0%	0%	F	0.092	F	0.664	980	G	200
<u> </u>		To: From:					odland Dr									
976) Woodland Rd	0.04	950	G	98%	1%	0%	otwood Dr 0%	0%	0%	F	0.107	F	0.646	1000	G	200
1976) Woodland Rd	0.04	930		90 /0	1 /0	0 76	0 /6	0 /6	0 /6	Г	0.107		0.040	1000	G	200
		From		2221	401		g Creek Ro				<u> </u>	_				
(976) Keenland Rd	0.36	940	G	98%	1%	0%	0%	0%	0%	С	0.097	F	0.65	1000	G	2009
		From:					n Boulevar wan Blvd	a								
976) Powhatan St	0.24	1600	G	98%	0%	1%	0%	0%	0%	С	0.099	F	0.906	1800	G	2009
		To:				Jefferso	n Davis H	wy								
		From:				Ma	ahone Dr									
Hays St		610	G								0.105	F		610	G	2009
•		To:				Oa	kwood St									
		From				Char	lotte Street	t								
Jackson St		1000	G								0.105	F	0.502	1000	G	2009
		To:				Wo	lfe Street									
		From:				Fa	uquier St									
Sophia St		2100	G				•				0.095	F	0.896	2100	G	2009
		To				L	ewis St									
		From				Railre	oad Avenue	e								-
Summit St		100	G								0.201	F	0.513	100	G	2009
		To				Wh	ite Street									
		From				Goo	dloe Drive									-
Twin Lakes Dr		3300	G								0.106	F	0.566	3300	G	2009
		To:				Lafa	yette Blvd									