2012

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

where available

Special Locality Report 115

City of Harrisonburg

Information in this report is included in Report

82

(Rockingham 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.

						_		Tru	ıck			K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QV
~	From:		. Harrisonbu		000/	00/	40/	40/	00/	00/	_	0.004	_	0.505	40000	_
Main St	City of Harrisonburg	0.91	12000	F	96%	0%	1%	1%	2%	0%	F	0.091	F	0.535	13000	F
~ Main Ct	From:	4 77	I-81		000/	00/		40/	40/	00/	F	0.000	_	0.55	40000	_
Main St	City of Harrisonburg	1.77	18000	F	96%	0%	1%	1%	1%	0%	г	0.088	F	0.55	19000	
~ C Main Ct	From:		asant Hill R		000/	00/		40/	40/	00/		0.000	F	0.540	20000	
11) S Main St	City of Harrisonburg	0.87	19000	F	96%	0%	1%	1%	1%	0%	С	0.083	Г	0.548	20000	
~~	To: From:		t Republic I		2001								_			_
S Main St	City of Harrisonburg	0.65	20000	F	96%	0%	1%	1%	1%	0%	F	0.086	F	0.564	21000	
~~	To: From:		Liberty St													
11 Main St NB	City of Harrisonburg	0.47	6000	F	96%	0%	1%	1%	1%	0%	F	0.099	F	0.583	6400	
~	Combined Traffic Estimates for 2 Parallel Roadways on	this Route:	12000	F	96%	0%	1%	1%	1%	0%	F	0.091	F	0.714	13000	
~ ~~	To- From:		US 33													
11 $\left\{33\right\}$ Main St NB	City of Harrisonburg	0.02	6000	N	96%	0%	1%	1%	1%	0%	N	0.099	N	0.583	6400	
~ ~	Combined Traffic Estimates for 2 Parallel Roadways on	this Route:	11000	N	96%	1%	1%	1%	1%	0%	Ν	NA			11000	
	To- From:	US 33	E Market S	Street												
11 33 Main St NB	City of Harrisonburg	0.03	6000	N	96%	0%	1%	1%	1%	0%	Ν	0.099	Ν	0.583	6400	
	Combined Traffic Estimates for 2 Parallel Roadways on	this Route:	9200	N	96%	0%	1%	1%	1%	0%	Ν	NA			9800	
	To- From:	1	US 33 Par				<u> </u>									
11 Main St NB	City of Harrisonburg	0.34	6000	N	96%	0%	1%	1%	1%	0%	Ν	0.099	Ν	0.583	6400	
~	Combined Traffic Estimates for Parallel Roadways on	this Route:	NA									NA			NA	
	To	K	Kratzer Ave													
11 N Main St	City of Harrisonburg	0.68	8100	F	96%	0%	1%	0%	2%	0%	С	0.094	F	0.572	8700	
~	To		Charles St													
11 N Main St	City of Harrisonburg	0.44	6700	F	96%	0%	1%	0%	2%	0%	F	0.096	F	0.602	7100	
<u>.,, , , , , , , , , , , , , , , , , , ,</u>	To:		_ Harrisonb	urg												
	From-		S Main St													_
Liberty St	City of Harrisonburg	0.47	6400	F	97%	0%	1%	1%	1%	0%	С	0.085	F		6800	
P.	Combined Traffic Estimates for 3 Parallel Roadways on	this Route:	18000	N	96%	0%	1%	1%	1%	0%	Ν	0.091	F	0.714	20000	ı
	To	LIS 33	W Market	Street												
11 (33) Liberty St	City of Harrisonburg	0.23	4800	F	95%	1%	2%	1%	2%	0%	С	0.092	F		5100	
\$1) (33) · · ·) · ·	Combined Traffic Estimates for 2 Parallel Roadways on			N	96%	1%	1%	1%	1%	0%	N	NA			11000	
	To		Rock St					.,.	.,,							
Noll Dr	Erom: City of Harrisonburg	0.14	3200	F	97%	0%	1%	1%	1%	0%	F	0.091	F		3400	
1,1 33 Noll Dr	Combined Traffic Estimates for 2 Parallel Roadways on		9200	N	96%	0%	1%	1%	1%	0%	N	NA	•		9800	
	To:		Cratzer Ave		5576	0 /0		1 /0	1 /0	0 /0	. 4	14/7			5500	
	From:		L Harrisonb				i									
33 W Market St	City of Harrisonburg	1.11	10000	F	95%	1%	1%	1%	2%	0%	F	0.092	F	0.566	11000	
33)	To:		Vaterman Dr		/-	. , 0		. , •	_,,	- / 0	•		-	2.200		

Virginia Department of Transportation Traffic Engineering Division

2012 Annual Average Daily Traffic Volume Estimates By Section of Route City of Harrisonburg

		Only c	f Harrisoni	Daid				Tru	ck			K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	2Axle	3+Axle			QC	Factor	QK	Factor	AAWDT	- QV
~~	From:		Vaterman Dr													
33 W Market St	City of Harrisonb	ourg 0.61	10000	F	95%	1%	1%	1%	2%	0%	С	0.089	F	0.539	11000	F
~~ W.Md1.01	To From:		R 42 S High S		050/	40/	40/	40/	00/	00/		0.404	_		F700	
33) W Market St	City of Harrisonb		5400 us US 33 Par	F	95%	1%	1%	1%	2%	0%	F	0.101	F		5700	F
	From:	В	US 11													
33) (11) Main St NB	City of Harrisonb	_	6000	N	96%	0%	1%	1%	1%	0%	Ν	0.099	Ν	0.583	6400	Ν
\sim	Combined Traffic Estimates for 2 Parallel I			N	96%	1%	1%	1%	1%	0%	Ν	NA			11000	N
	To: From:		S 11 Main St 11 Main St N													
E Market St	City of Harrisonb		6400	F	97%	0%	1%	0%	1%	0%	F	0.087	F	0.53	6800	F
5	To:		Mason St													
33 E Market St	From: L City of Harrisonb	ourg 0.87	12000	F	97%	0%	1%	0%	1%	0%	F	0.093	F	0.534	12000	F
9	To:		Vine St													
33 E Market St	From: City of Harrisonb	ourg 0.61	18000	F	97%	0%	1%	0%	1%	0%	С	0.090	F	0.574	19000	F
<u> </u>	To:		I-81													
33 E Market St	From: L City of Harrisonb	ourg 0.59	28000	F	96%	1%	1%	1%	2%	0%	F	0.09	F	0.541	29000	F
30)	To:		niversity Blvo	1												
33 E Market St	From:— City of Harrisonb		25000	F	97%	0%	0%	0%	2%	0%	С	0.102	F	0.569	27000	F
99)	To:	•	L Harrisonbu	rg												
East	From:	US 3	3 E, E Marke	t St												
33 Ramp to I-81 S at Exit 247	City of Harrisonburg (N	Maint: 82) 0.21	12000	F								0.096	F		12000	F
~	To		I-81 S													
ast	From:		3 E, E Marke													
Ramp to I-81 N at Exit 247	City of Harrisonburg (N	,	850	F								0.142	F		850	F
	10.		I-81 North													
Vest 33 Ramp to I-81 S at Exit 247	City of Harrisonburg (N		3 W, E Marke 4900	et St F								0.097	F		4900	F
Ramp to I-81 S at Exit 247	To:	1VIairit. 02) 0.13	I-81 S	•								0.007	'		4300	
Vest	From:	US 3	3 W, E Marke	et St												
33 Ramp	City of Harrisonburg (N		3800	F								0.113	F		3800	F
	To:		I-81 North													
	From:		US 11													
(11) Main St NB	City of Harrison		6000	N	96%	0%	1%	1%	1%	0%	Ν	0.099	Ν	0.583	6400	١
~ ~	Combined Traffic Estimates for 2 Parallel I	Roadways on this Route:	9200	N	96%	0%	1%	1%	1%	0%	Ν	NA			9800	Ν
	10:		US 33													
42 S High St	From: L City of Harrisonb		L Harrisonbur 15000	rg F	97%	0%	 1%	1%	1%	0%	F	0.090	F	0.504	17000	F
42) S High St	City of Harrisons			۲	9170	U%	170	1 70	1 70	U%	г	0.090	г	0.304	17000	г
C High Ct	City of Louis and		Erickson Ave 18000	F	070/	0%	10/	10/	10/	00/	С	0.003		0.520	10000	F
₄₂) S High St	City of Harrisonb	ourg 1.27	10000	г	97%	U%	1%	1%	1%	0%	U	0.093	F	0.520	19000	г

Virginia Department of Transportation Traffic Engineering Division

2012 Annual Average Daily Traffic Volume Estimates By Section of Route City of Harrisonburg

			oi marrison					Tru	ck			K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	Q۷
	From:		Sunrise Ave													
42) S High St	City of Harrisonburg	0.40	19000	F	97%	0%	1%	1%	1%	0%	F	0.088	F	0.503	21000	ı
<u> </u>	To: From:		Grace Ave													
42) S High St	City of Harrisonburg	0.55	19000	F	97%	0%	1%	1%	1%	0%	F	0.085	F	0.554	21000	
$\overline{}$	Too		Market St													
42) N High St	City of Harrisonburg	0.27	16000	F	97%	0%	1%	1%	1%	0%	F	0.084	F	0.605	18000	
42)	To.		- C - C:													
42) Virginia Ave	City of Harrisonburg	0.44	Gay St 12000	F	97%	0%	1%	1%	1%	0%	F	0.085	F	0.599	13000	
42 Virginia Ave	City of Harrisonburg	0.44	12000		91%	U70	1 70	170	170	0%	Г	0.065	Г	0.599	13000	
_	To: From:		5th St													
42) Virginia Ave	City of Harrisonburg	0.60	11000	F	95%	0%	1%	2%	2%	0%	С	0.088	F	0.597	12000	
\smile	To: From:		It Clinton Pik	ke			_									
42) Virginia Ave	City of Harrisonburg	0.83	13000	F	95%	0%	1%	2%	2%	0%	F	0.092	F	0.628	14000	
	To:	NC	CL Harrisonbu	ourg												
lorth	From:	SC	L Harrisonbu	urg												
81)	City of Harrisonburg (Main		26000	A	75%	1%	1%	1%	21%	2%	F	0.103	Α		26000	
9.0	Combined Traffic Estimates for 2 Parallel Road	•	51000	Α	76%	1%	1%	1%	20%	2%	F	NA			50000	
	To	•	11, South Mai													
lorth	From															
81)	City of Harrisonburg (Main	nt: 82) 2.83	26000	Α	75%	1%	1%	1%	21%	2%	С	0.103	Α		25000	
\smile	Combined Traffic Estimates for 2 Parallel Road			Α	76%	1%	1%	1%	20%	2%	С	0.1	Α	0.576	50000	
I4I-	To:		3 Port Repub Port Republi													
North 81	City of Harrisonburg (Main		25000	A	75%	1%	1%	1%	21%	2%	F	0.103	Α		25000	
81)	Combined Traffic Estimates for 2 Parallel Road			A	76%	1%	1%	1%	20%	2%	F	0.103	A	0.506	49000	
	Combined Trainic Estimates for 2 Farallel Road				7076	1 /0	1 /0	1 /0	20 /0	2/0	-	0.100	^	0.500	49000	
lorth	To: From:	US	33, E Market	et St												
81)	City of Harrisonburg (Main	nt: 82) 1.60	23000	Α	75%	1%	1%	1%	21%	2%	F	0.113	Α		22000	
	Combined Traffic Estimates for 2 Parallel Road	dways on this Route:	46000	Α	76%	1%	1%	1%	20%	2%	F	0.103	Α	0.520	44000	
	To:	NC	CL Harrisonbu	urg												
lorth	From:		I-81 North													
Ramp	City of Harrisonburg (Main	nt: 82) 0.12	4100	F								0.106	F		4100	
	To:		ort Republic F	Rd												
lorth	From:		I-81 North													
Ramp	City of Harrisonburg (Main		4900	F								0.1	F		4900	
<u> </u>	To:		33 E, E Mark	cet St												
orth	From:		I-81 North													
81) Ramp	City of Harrisonburg (Main	nt: 82) 0.12	2800	F								0.102	F		2800	
01)	To:		3 W, E Mark									3.7 0 2	•		_500	
couth	From		L Harrisonbu													_
South	City of Harrisonburg (Main		25000	A A	77%	1%	1%	1%	19%	2%	F	0.107	Α		24000	
04					11/0	1 / 0		1 / 0	10/0	2/0		0.107	, ,		2-7000	
81	Combined Traffic Estimates for 2 Parallel Road			Α	76%	1%	1%	1%	20%	2%	F	NA			50000	

Virginia Department of Transportation Traffic Engineering Division

2012 Annual Average Daily Traffic Volume Estimates By Section of Route City of Harrisonburg

Route	Jurisdiction	n lan	ath	AADT	QA	4Tire	Bus		Tru	ıck		QC	K	QK	Dir	AAWDT	01/1
Roule	Julisalction	n Len	gın	AADT	QA	41IIE	bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDI	QVV
South (81)	From:			South Ma			407										
(81)	City of Harrisonburg	,		26000	Α	77%	1%	1%	1%	19%	2%	С	0.106	Α		25000	Α
Com	bined Traffic Estimates for 2 Paralle			51000	Α	76%	1%	1%	1%	20%	2%	С	0.1	Α	0.576	50000	Α
South	To: From:	Si	R 253 I	Port Repul	blic Rd												
(81)	City of Harrisonburg	(Maint: 82) 1.5	50	25000	Α	77%	1%	1%	1%	19%	2%	F	0.105	Α		25000	Α
	bined Traffic Estimates for 2 Paralle	el Roadways on this Ro	ute:	50000	Α	76%	1%	1%	1%	20%	2%	F	0.100	Α	0.506	49000	Α
	Too		US 33	B, E Marke	et St			— —									
South 81	City of Harrisonburg	(Maint: 82) 1.3	20	23000	Α	77%	1%	1%	1%	19%	2%	_	0.108	Α		22000	Α
(81)	bined Traffic Estimates for 2 Paralle	,	-	46000	A	76%	1%	1%	1%	20%	2%	F	0.103	A	0.520	44000	A
Com	Diffed France Estimates for 2 Faralle	er Noadways of this No		Harrisonb		7070	1 /0	170	1 /0	20 /0	2 /0		0.103	^	0.520	44000	^
South	From:		T.	-81 South				i									
(81) Ramp I-81 S Exit 245 to Port Repu	ıblic Rd City of Harrisonburg	(Maint: 82) 0.1		3700	Α	97%	0%	1%	1%	1%	0%	F	0.116	Α		3700	Α
	To:		R 253 I	Port Repul	blic Rd												
South	From:			I-81 S													
81 Ramp I-81 S Exit 247 to US 33 E	City of Harrisonburg	(Maint: 82) 0.1	12	NA				<u>-</u>					NA			NA	
$\overline{}$	То:		US 33	E, E Mark	ket St												
South	From:		I-	-81 South													
(81) Ramp	City of Harrisonburg	, ,		1300	F								0.124	F		1300	F
<u> </u>	To-	Ĭ	US 33 \	W, E Marl	ket St												
	From:			11 S Main								_					_
253 Port Republic Rd	City of Harrison	nburg 0.4	48	24000	G	97%	0%	1%	1%	1%	0%	С	NA			25000	G
	To- From:			I-81													
253) Port Republic Rd	City of Harrison	nburg 0.8	35	23000	F	97%	0%	1%	1%	1%	0%	F	0.087	F	0.549	24000	F
<u>~</u>	To: From:		Peacl	h Grove A	ve												
253)Port Republic Rd	City of Harrison	nburg 0.4	48	7900	F	97%	0%	1%	1%	1%	0%	F	0.093	F	0.587	8400	F
\smile	To:		ECL	Harrisonb	urg												

							1411150111	J GI , SI								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Harrisonburg		From	·Ī			NCI I	Iarrisonbu	ra			ı					
(F238) Buffalo Dr	0.07	350	R			NCL I	iamsonou	ıg			NA			NA		05/10/200
		To				De	ad End									
		From					Iarket St									
(1) Vine St	1.42	7700	<u>_F</u>	96%	1%	1%	1%	1%	0%	С	0.092	F	0.505	8200	F	2012
		From	1 .r				Main St				_					
2 Eastover Dr	0.44	290	F	97%	1%	1%	Paul St 0%	1%	0%	F	0.122	F	0.901	310	F	2012
3 Eastover Dr	0.11	To	:	01 70	170		ervoir St	170	070			•	0.001	0.0	•	2012
		From	:			115-4115 1	N Liberty :	Street								
4 E. Washington St	0.24	3000	F	95%	2%	2%	0%	1%	0%	F	0.091	F	0.525	3100	F	2012
$\overline{}$		To From				N	Main St				\Box					
4 E. Washington St	0.72	3400	F	95%	2%	2%	0%	1%	0%	С	0.089	F	0.516	3700	F	2012
\bigcirc		То	:			7	ine St									
O		From	<u> </u>				SR 42									
5 Acorn Dr	1.16	3800 _{To}	F	97%	1%	1%	0% linton Pike	1%	0%	С	0.094	F	0.621	4100	F	2012
		From	<u> </u>								<u> </u>					
6 Park Rd	0.58	2300	F	98%	0%	1%	linton Pike 0%	0%	0%	С	0.107	F	0.637	2500	F	2012
(8) - 4	0.00	To		00,0	0,0			0,0	0,0			•	0.00.		•	20.2
6 Park Rd	0.34	1800	 F	98%	0%	1%	nank Dr 0%	0%	0%	F	0.129	F	0.517	1900	F	2012
(a) raintra	0.01	То	-	0070	070		mony Rd	070	070			•	0.017	1000	•	2012
		From				P	ark Rd									
7 Harmony Rd	0.23	1300	F	98%	0%	1%	0%	0%	0%	С	0.111	F	0.566	1400	F	2012
		To				,	SR 42									
		From					Harrisonbu	_								
(4100) Mosby Rd	0.35	7100	F	96%	0%	1%	0%	3%	0%	С	0.094	F	0.563	7600	F	2012
<u> </u>		From					osby Ct									
(4100) Mosby Rd	0.26	7700	F	96%	0%	1%	0%	3%	0%	F	0.091	F	0.572	8200	F	2012
		-]				Iain St									
(4102) Pleasant Hill Rd	0.78	8300	F	98%	0%	1%	Pear St 0%	0%	0%	С	0.093	F	0.568	8800	F	2012
(4102) Pleasant Hill Rd	0.70	To	•	30 /0	070		S Main S		070		0.055	•	0.500	0000	'	2012
		From				US 11 Pl	easant Hil	l Rd								
(4102) Stone Spring Rd	0.65	8000	F	98%	0%	1%	1%	0%	0%	С	0.100	F	0.568	8500	F	2012
<u> </u>		From					lewood Ro									
(4102) Stone Spring Rd	0.53	7300	<u>_</u>	98%	0%	1%	1%	0%	0%	F	0.100	F	0.571	7800	F	2012
]				Iarrisonbu									
(4103) Central Ave	0.14	1400		98%	1%	Pleas 1%	ant Hill Ro	0%	0%	С	0.097	F	0.576	1500	F	2012
(4103) Central Ave	0.14	1400		90 /6	1 /0			0 /0	0 /0		0.097	-	0.570	1300	Г	2012
(4103) Central Ave	0.91	940 From		98%	1%	Si	aron St 0%	0%	0%	F	0.138	F	0.642	1000	F	2012
(4103) Central Ave	0.91	340	· -	90 /6	1 /0		yland Ave	0 /0	0 /0		0.136	-	0.042	1000	Г	2012
		From					High St				i					
(4104) South Ave	0.52	5200	F	98%	0%	1%	0%	0%	0%	С	0.091	F	0.569	5500	F	2012
		To	:				Main St									
		From				SR 4	2 High St									
(4105) Maryland Ave	0.44	8600	F	97%	0%	1%	1%	1%	0%	F	0.09	F	0.606	9200	F	2012
		То	1				Iain St									
	0.450.40	From	ب			SR 253 Pc	ort Republ	ic Rd			0.422			0000		0010
(4105) Ramp to I-81 N at Exit	2450.19	4000 To	A_			TO	1 North				0.126	Α		3800	Α	2012
		From	:I					i a D d								
			<u> </u>			SR 253 Pc	лт кериві	ic Ka								
(4105) Ramp	0.14	4100	F								0.117	F		4100	F	2012

						City of I	Harrisonb	ourg								
Route	Length	AADT	QA	4Tire	Bus		3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Harrisonburg		From	:			SR 4	2 S High St	t								
(4106) Cantrell Ave	0.26	10000 _{To}	F	99%	0%	0%	0% 1 S Main S	0%	0%	F	0.092	F	0.602	11000	F	2012
(4106) Cantrell Ave	0.99	15000	F	99%	0%	0%	0%	0%	0%	С	0.096	F	0.581	16000	F	2012
4106) Garti Gii 7 170	0.00				070			070	070			·	0.001	10000	•	2012
(4106) Cantrell Ave	0.18	7300 From	F	99%	0%	0%	servoir St 0%	0%	0%	F	0.092	F	0.609	7700	F	2012
(4106) Cantrell Ave	0.10	7 300 To	Ė	33 /6	0 70		E Market S		070	'	0.032	'	0.003	7700	'	2012
		From	.l				Harrisonbur									
(4107) Reservoir St	0.97	14000	F	99%	0%	0%	0%	<u>g</u> 0%	0%	F	0.085	F	0.522	15000	F	2012
		From					ersity Blvd									
(4107) Reservoir St	0.57	20000	F	99%	0%	0%	0%	0%	0%	F	0.093	F	0.529	21000	F	2012
(4107) Reservoir St	0.89	11000		99%	0%	Ea 0%	stover Dr 0%	0%	0%	С	0.091	F	0.512	11000	F	2012
\bigcirc		To				E I	Market St									
(4107) Sterling St	0.13	1500 From	F	95%	1%	1%	1%	2%	0%	F	0.106	F	0.554	1600	F	2012
	00	To	:		. , ,		Gay St	_,,	- / 0	•		-		. 500	-	· -
		From					erling St									
(4107) Gay St	0.45	2000	F	95%	1%	1%	1%	2%	0%	F	0.114	F	0.582	2200	F	2012
$\overline{}$		To				λ.	Iason St									
(4107) Gay St	0.33	4600 From	F	95%	1%	1%	1%	2%	0%	С	0.093	F	0.610	4900	F	2012
		From	:		SF	R 42 Virgi	nia Ave; N	High St			\neg —					
(4107) Gay St	0.11	2800	F	95%	1%	1%	1%	2%	0%	F	0.097	F	0.63	2900	F	2012
		To				Chi	icago Ave									
		From					Gay St									
(4107) Chicago Ave	0.58	3700	F	98%	1%	1%	0%	0%	0%	С	0.093	F	0.51	4000	F	2012
$\overline{}$		To					terman Dr									
(4107) Chicago Ave	0.42	5200		98%	1%	1%	erman Ave 0%	0%	0%	F	0.093	F	0.506	<i>EE</i> 00	F	2012
(4107) Chicago Ave	0.43	J200 To	_	90 /0	1 /0		linton Pike		0 /6		0.093	-	0.506	5500		2012
		E						,								
O David Ct	0.04	From	<u> </u>	000/	00/		stover Dr	00/	00/			_	0.505	4000	_	0040
4 ₁₀₈ Paul St	0.64	1200	F	99%	0%	1%	0%	0%	0%	С	0.092	F	0.595	1300	F	2012
		To From					Iason St									
(4108) Paul St	0.14	750	F	99%	0%	1%	0%	0%	0%	F	0.102	F	0.5	800	F	2012
$\overline{}$		To	:			N	Main St									
		From	:			J	High St									
(4109) Grace St	0.27	2900	F	92%	2%	6%	0%	0%	0%	С	0.101	F	0.513	3100	F	2012
\cup		To				N	Main St									
(4109) Grace St	0.14	4100 From	F	92%	2%	6%	0%	0%	0%	F	0.099	F	0.535	4300	F	2012
(4109)		To					Iason St			-		•			-	
		From				(Grace St									
(4109) Mason St	0.10	3300	F	99%	0%	0%	0%	0%	0%	F	0.105	F	0.554	3500	F	2012
$\overline{}$		To				Сат	ntrell Ave									
(4109) Mason St	0.20	3400 From	F	99%	0%	0%	0%	0%	0%	С	0.096	F	0.626	3600	F	2012
4109)	0.20	00			J / 0			0 / 0			— -	•	0.020	2300	•	
Moses Ct	0.44	From	<u> </u>	0007	007		Paul St	00/	00/		0.005		0.005	4000	-	2040
(4109) Mason St	0.41	3800	F	99%	0%	0%	0%	0%	0%	F	0.095	F	0.605	4000	F	2012
		To From				N.	Iarket St				\Box —					
(4109) Mason St	0.44	7200	F	99%	0%	0%	0%	0%	0%	F	0.092	F	0.510	7700	F	2012
$\overline{}$		To	1			N	Main St									
		From				SR 4	2 N High S	t								
(4110) Wolfe St	0.12	2100	F	98%	1%	1%	0%	0%	0%	F	0.105	F	0.594	2300	F	2012
$\overline{}$		To				NI I	Liberty St									
(4110) Wolfe St	0.11	2600 From	F	98%	1%	1%	0%	0%	0%	F	0.098	F	0.584	2800	F	2012
(4110) Wolfe St	0.11	_000		JU /0	1 /0			J /0	J /0	•		•	0.004	2000	•	-012
Mair- Ot	0.00	From	<u> </u>	0007	407		Main St	00/	00/		0440		0.543	4000		2040
(4110) Wolfe St	0.69	970	F	98%	1%	1%	0%	0%	0%	С	0.142	F	0.517	1000	F	2012
		To	1			Old l	Furnace Rd									

						City of I	Harrison	ourg								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Harrisonburg		From														
(4110) Old Furnace Rd	0.29	3300	F	98%	1%	1%	Volfe St 0%	0%	0%	F	0.102	F	0.756	3500	F	2012
(4110) Old Furnace Rd	0.91	2100 To	F	98%	1%	1%	Vine St 0% Harrisonbur	0%	0%	F	0.116	F	0.644	2300	F	2012
		From														
(4113) Country Club Dr	0.76	7000	F	98%	0%	1%	E, E Marke 0%	0%	0%	С	0.106	F	0.544	7500	F	2012
Country Club Dr	0.85	10000 To	F	98%	0%	1%	nda Lane 0% V, E Marke	0%	0%	F	0.102	F	0.569	11000	F	2012
		From	! !					1 31								
4114) Kratzer Ave	0.12	3200	F			1	Noll Dr				0.122	F	0.703	3500	F	2012
4114) 111012017110	0.12	To				NI	Liberty St					•	0.7 00	0000	•	2012
		From				1	Noll Dr				ì					
Liberty St	0.25	2600	F	90%	1%	2%	3%	4%	0%	F	0.112	F	0.613	2800	F	2012
4115 Liberty St	0.32	5500 From	F	90%	1%	2%	3%	4%	0%	F	0.098	F	0.584	5800	F	2012
Liborty Ct	0.33	4300	F	90%	1%	E	dom Rd 3%	10/	00/	F	0.096	F	0.552	4600	F	2012
4115 Liberty St	0.32	4300		90%	170			4%	0%	Г	0.096	Г	0.552	4600	Г	2012
4115 Liberty St	0.80	3400 From	F	90%	1%	2%	3%	4%	0%	С	0.095	F	0.546	3600	F	2012
		F	<u> </u>				Harrisonbu	rg			L					
Pike Church Rd	0.14	1800	F	89%	1%	S 1%	Main St 2%	8%	0%	С	0.099	F	0.564	2000	F	2012
Pike Church Rd	0.14	То	Ė	0070	170		Harrisonbu		070		0.000	•	0.004	2000	•	2012
		From					losby Rd				i					
4117) Pear St	1.09	3600	F	98%	0%	1%	0%	0%	0%	С	0.104	F	0.589	3800	F	2012
		То				Pleas	ant Hill Ro	i								
		From				WCL	Harrisonbu	rg								
Erickson St	0.72	7400 To	F	97%	1%	1% S	1% High St	1%	0%	С	0.096	F	0.588	7900	F	2012
		From				SCL I	Harrisonbu	rg								
4119 Garbers Church Rd	0.05	3300	G	97%	1%	1%	1%	0%	0%	F	0.106	Ν	0.563	3500	G	2012
$\overline{}$		To					ickson St ekson Ave									
Garbers Church Rd	1.48	4200	F	97%	1%	1%	1%	0%	0%	С	0.145	F	0.595	4500	F	2012
<u> </u>		To From					3 Market S									
4 ₁₁₉ Switchboard Rd	0.21	2400	F	97%	1%	1%	1%	0%	0%	F	0.12	F	0.544	2600	F	2012
							isonburg, 8	2-910								
4120) Waterman Dr	0.84	4100	F	95%	0%	1%	Market St 1%	2%	0%	С	0.098	F	0.522	4300	F	2012
Waterman Dr	0.04	To To	_	9J /0	0 /0		icago Ave	∠ /0	U /0	0	0.090		0.022	4300	1.	2012
		From					Harrisonbu	ıra								
Mt Clinton Pike	0.19	5600	F	95%	0%	1%	1%	2%	0%	F	0.106	F	0.553	5900	F	2012
\bigcup		To				Co	llege Ave									
Mt Clinton Pike	0.10	6200 From	F	95%	0%	1%	1%	2%	0%	F	0.103	F	0.562	6600	F	2012
\bigcirc		To				Chi	icago Ave									
Mt Clinton Pike	0.37	8100 From	F	96%	0%	1%	1%	1%	0%	С	0.1	F	0.538	8600	F	2012
		To				SR 42	Virginia A									
O 14: 01:::		From	L				ginia Ave					_				
Mt Clinton Pike	1.29	7100	F	95%	0%			2%	0%	F	0.096	F	0.523	7500	F	2012
			I													
Fdom Pd	0.24		<u> </u>	070/	10/			Ω0/	Ω0/	F	0.00	F	0.620	3000	_	2012
(4122) LUUIII KU	0.21	∠900 To		31 70	170			U70	U70	Г	0.09	۲	0.020	3000	Г	2012
4121) Mt Clinton Pike 4122) Edom Rd	0.21	7100 To From 2900 To	F	95%	1%	Vir 1% N Vir 1%		2% 0%	0%	F	0.096	F	0.523	7500 3000	F	

						City of I	Harrison	burg								
Route	Length	AADT	QA	4Tire	Bus		Tr 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Harrisonburg			1													
O Drugo Ct	0.15	From		97%	10/		High St	00/	0%	С	0.099	F	0.704	2400	F	2012
Bruce St	0.15	1900		97%	1%	1%	0%	0%	0%	C	0.099	Г	0.724	2100	Г	2012
<u> </u>		From	<u> </u>				iberty St				<u> </u>	_				
4 ₁₂₄ Bruce St	0.22	1700	F	97%	1%	1%	0%	0%	0%	F	0.119	F		1900	F	2012
		From	<u> </u>				Iason St									
4125) Keezletown Rd	0.76	1400	F	96%	1%	Coun 1%	try Club R 2%	0%	0%	F	0.113	F	0.649	1500	F	2012
Keezletown Rd	0.70	1400 To		90 /6	1 /0		Harrisonbu		076		0.113	-	0.049	1300		2012
		From									1					
Greendale Rd	1.05	2600	F	96%	1%	1%	nt Valley 1	0%	0%	С	0.104	F	0.612	2800	F	2012
4127) Groomadio red	1.00	To		0070	170		Harrisonbu		070			·	0.012	2000	•	2012
		From	: :				Harrisonbu									
Pleasant Valley Rd	0.67	4700	F	88%	1%	1%	2%	7%	0%	F	0.091	F	0.557	5000	F	2012
1128) 1 100000111 1 00110) 1 10	0.0.	To	·	0070	. , 0		O Greendal		0,70	•		•	0.00.	0000	•	
_		From					endale Rd									
Pleasant Valley Rd	0.73	6600	F	88%	1%	1%	2%	7%	0%	С	0.090	F	0.508	7000	F	2012
<u> </u>		To	:			S	Main St									
		From				Hartman l	Dr on Nort	th End								
2nd St		250	F								0.103	F	0.632	260	F	2012
		To	:			Willow S	St on South	n End								
		From				(Clay St									
Alleghany Ave		130	F								0.098	F	0.571	140	F	2012
		To	:			Sta	r Crest Dr									
		From	:			Sta	r Crest Dr									
Blue Ridge Rd		5000	F								0.091	F	0.582	5400	F	2012
		To	:			Cour	try Club E)r								
		From				Mon	ument Av	e								
Bluestone St		130	F								0.133	F	0.5	140	F	2012
		To					ry Ave									
		From				Sta	r Crest Dr									
Broad View Dr		510	F								0.103	F	0.603	540	F	2012
		To				Sp	arrow Ct									
0 1 11 0		From	<u> </u>			N.	Mason St				<u></u>	_			_	
Campbell St		240	<u>_</u> F								0.115	F	0.603	260	F	2012
		10	1				Ott St									
0.11.01		From				Re	servoir St					_			_	
Carlton St		6300 _{та}	F								0.088	F	0.662	6700	F	2012
			<u> </u>				Iarket St									
Carlon Ct		From				S. D	ogwood D	r			0.400	_	0.500	4.40	_	0040
Cedar St		130				VV	Vest Ave				0.123	F	0.588	140	F	2012
			<u> </u>													
Charles St		From	╚			N I	Liberty St				0.084	_	0.501	2200	_	2042
Charles St		2100 To	F			N	Main St				0.084	F	0.501	2200	F	2012
			-								-					
Clay Ct		From	╚			Cor	untry Club				0 111	_	0.650	710	_	2042
Clay St		670	F			Den	adview Dr				0.111	F	0.658	710	F	2012
		-	<u>. </u>													
Clinton St		From 250				Jet	fferson St				0.106	_	0.630	270	_	2040
Clinton St		350 To				N	Main St				0.106	F	0.639	370	F	2012
		-									<u> </u>					
Crowtord Ct		From O10				Orc	hard Lane				0.434	_	0.664	060	_	2046
Crawford St		810 To				Dont 1	Republic R	Pd.			0.131	F	0.661	860	F	2012
		From	:				ument Av									
Crawford St		580	F								0.169	F	0.624	620	F	2012
		To				Orc	hard Lane				_					
· · · · · · · · · · · · · · · · · · ·																

				City of Harrisonburg			1/		Die			
Length AADT	QA	4Tire	Bus			QC		QK	Dir Factor	AAWDT	QW	Year
From							1					
70	F			Hillandale Ave			0.193	F	0.5	80	F	2012
To	•			Hillandale Ave								
From				N. Mason St						4000		0040
4400 To	<u> </u>			N. Main St						4600	G	2012
From				Maryland Ave								
190	F						0.113	F	0.617	200	F	2012
	<u> </u>											
				N. Dogwood Dr			0 112	F	0.656	140	F	2012
To				Willlow St				'	0.000	140		2012
From				W. Gay St								
220	F						0.106	F	0.673	230	F	2012
	<u> </u>											
				S. Dogwood Dr			0.126	F	0.521	630	F	2012
То	:			S. High St.				•			•	
From				Fairview Ave								
250	F			W 11 //			0.152	F	0.625	260	F	2012
From]						<u> </u>					
				Dead End			0.143	F	0.648	600	F	2012
То				Monument Ave								
From				Moore St								
130	F						0.114	F	0.529	140	F	201
10							_					
				Valley St			0.113	F	0.618	860	F	201:
То	:			Bluestone St								
From				Dead End								
90	F			II II IFII D			0.115	F	0.583	100	F	201
From	: :											
	F			N. Main St			0.09	F	0.609	1100	F	201
То	:			Federal St								
From				South Ave								
				D:1 D1			0.107	F	0.575	1400	F	201
	<u> </u>											
				S. Dogwood Di			0.116	F	0.543	950	F	201
То	:			Sharps Dr								
From				N. Blue Ridge Rd								
	F			N. C. Iv. C.			0.172	F	0.613	80	F	201
	<u> </u>											
400	F			Blue Riage Ra			0.118	F	0.591	430	F	201
То	:			Alleghany Ave								
From	<u> </u>			Wolfe St								
30	F			W.C. G.			0.236	F	0.524	40	F	201
	! -!						<u> </u>					
	F			Jenerson St			0.099	F	0.524	390	F	201
То	-			Dead End				-			-	_0 11
From				Fry Ave								
150	F						0.135	F	0.769	160	F	201
	From 44400 To 44400 To From 1900 To From 2220 To From 2590 To From 3590 To From 1300	From:	From:	From From	AADT QA 4Tire Bus 2Axle 3+Axle 1Trail	Hillandale Ave	AADT	AADT QA 4Tire Bus 2Axle 1Trail 2Trail QC Factor	AADT QA 4Tire Bus 2Axle 3+Axle 1Trail 2Trail CC Factor GK	AADT QA 4Tire Bus 2Axle 3+Axle 1Trail 2Trail QC Factor OK Factor Fa	Length AADT QA 4Tire Bus 2Axde 3+Axde 1Trail 2Trail 2Trail 2Trail CR Factor CR Factor	Care AADT QA ATtre Bus 2Ade 3+Axe 1Trail 2Trail QC Factor QK Factor AAWDT QW

						0.1, 0									
Route	l enath	AADT	QA	4Tire	Bus	Tru	ick		QC	K	QK	Dir	AAWDT	ΟW	Year
rtouto	Longar	AADI	Q,A	71110	Dao	2Axle 3+Axle	1Trail	2Trail	QU	Factor	QIV	Factor	70WD1	QII	roar
City of Harrisonburg															
		Fron				S. Mason St									
W. View St		220	F							0.115	F	0.552	240	F	2012
		Ti	h*			Ott St									
		Fron	1:			Brook Ave									
W. Water St		340	F							0.119	F	0.648	360	F	2012
		Te):			Academy St									
		Fron	1:			Grace St									
Walnut St		720	F							0.124	F	0.625	770	F	2012
		To):			Dead End									
		Fron	1:			W Gay St									
Willow St		850	F							0.119	F	0.598	910	F	2012
		Te):			Second St									
		Fron	n:			Dead End									
Wilson Ave		47	F			_				0.142	F	0.533	50	F	2012
		To):			N Main St									