### 2008

# 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.

### Virginia Department of Transportation Traffic Engineering Division

### 2008 Annual Average Daily Traffic Volume Estimates By Section of Route City of Harrisonburg

				nburg				Tru	ıck		i	K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	2Axle	3+Axle			QC	Factor	QK	Factor	AAWDT	- QV
	From:	SCI	L Harrisonbu	urg												
11 Main St	City of Harrisonburg	0.91	14000	G	95%	0%	1%	1%	2%	0%	F	0.093	F	0.517	15000	G
<i>~</i>	To-		I-81													
11 Main St	City of Harrisonburg	1.77	20000	G	96%	1%	1%	1%	1%	0%	F	0.087	F	0.514	22000	G
1)	To		easant Hill R													
11 S Main St	City of Harrisonburg	0.87	21000	G	96%	1%	1%	1%	1%	0%	С	0.083	F	0.513	23000	C
11) 6 Main 6	Oity of Flamoonburg				3070	170	170	1 70	170	070	Ü	0.000	•	0.010	20000	`
C Main Ct	City of Llawin and Lynn		t Republic F		000/	40/		40/	40/	00/		0.000		0.505	04000	
11) S Main St	City of Harrisonburg	0.65	22000	G	96%	1%	1%	1%	1%	0%	F	0.083	F	0.505	24000	(
<u></u>	To: From:		S Liberty St													
11 Main St NB	City of Harrisonburg	0.47	6900	G	96%	1%	1%	1%	1%	0%	F	0.091	F		7400	(
~	Combined Traffic Estimates for 2 Parallel Roadways or	this Route:	14000	G	96%	0%	1%	1%	1%	0%	F	0.083	F		15000	(
	Toe From:		US 33													
11 33 Main St NB	City of Harrisonburg	0.02	6900	N	96%	1%	1%	1%	1%	0%	Ν	0.091	Ν		7400	1
~ ~ ~	Combined Traffic Estimates for 2 Parallel Roadways or	this Route:	12000	N	96%	1%	1%	1%	1%	0%	Ν	NA			13000	ı
	Toc	US 33	B E Market S	Street												
11) (33) Main St NB	City of Harrisonburg	0.03	6900	N	96%	1%	1%	1%	1%	0%	Ν	0.091	Ν		7400	-
	Combined Traffic Estimates for 2 Parallel Roadways or	this Route:	9900	N	96%	0%	1%	1%	1%	0%	Ν	NA			11000	
	To		US 33 Par													
11 Main St NB	City of Harrisonburg	0.34	6900	N	96%	1%	1%	1%	1%	0%	Ν	0.091	N		7400	ı
11)	and the state of t					.,,		.,0	.,0	0,0	• •	0.00	•			
N Main Ct	City of Howing physics		Kratzer Ave		060/	0%	10/	00/	20/	00/		0.00	F	0.500	0500	,
11 N Main St	City of Harrisonburg	0.68	8900	G	96%	0%	1%	0%	2%	0%	С	0.09	Г	0.568	9500	(
~~	To: From:		Charles St													
11 N Main St	City of Harrisonburg	0.44	7100	G	96%	0%	1%	0%	2%	0%	F	0.088	F	0.596	7700	(
~	10:	NCI	L Harrisonbu	urg												
~~	From:		S Main St													
1,1 Liberty St	City of Harrisonburg	0.47	6800	G	97%	0%	2%	0%	1%	0%	С	0.081	F		7300	(
	Combined Traffic Estimates for 3 Parallel Roadways or	this Route:	20000	N	96%	0%	1%	1%	1%	0%	N	0.083	F		22000	1
	To: From:	US 33,	, W Market	Street												
11 33 Liberty St	City of Harrisonburg	0.23	5000	G	96%	1%	2%	1%	1%	0%	С	0.085	F		5400	(
	Combined Traffic Estimates for 2 Parallel Roadways or	this Route:	12000	N	96%	1%	1%	1%	1%	0%	Ν	NA			13000	-
	To		Rock St													
1,1 (3,3 Noll Dr	City of Harrisonburg	0.14	3000	G	97%	0%	2%	0%	1%	0%	F	0.085	F		3200	(
\$.) (\$)	Combined Traffic Estimates for 2 Parallel Roadways or	this Route:	9900	N	96%	0%	1%	1%	1%	0%	Ν	NA			11000	ı
	To:		Kratzer Ave													
	From:	WC	L Harrisonb	urg												
33 W Market St	City of Harrisonburg	1.11	11000	G	95%	1%	1%	1%	2%	0%	F	0.107	F	0.56	12000	(
<del>~</del>	To															
33 W Market St	City of Harrisonburg	0.61	Vaterman Dr 11000	G	95%	1%	1%	1%	2%	0%	С	0.093	F	0.55	12000	(
33 W Market St	City of Flamsonburg	0.01	11000	G	30/0	1 /0	1 /0	1 /0	∠ /0	U /0	C	0.053		0.55	12000	,

### Virginia Department of Transportation Traffic Engineering Division

### 2008 Annual Average Daily Traffic Volume Estimates By Section of Route City of Harrisonburg

		City of Harr					Tru	ıck			K		Dir		
Route	Jurisdiction	Length AAD	OT QA	4Tire	Bus		3+Axle			QC	Factor	QK		AAWDT	. QV
	From:	SR 42 S I	High St												
33 W Market St	City of Harrisonburg	0.16 <b>550</b>	0 G	95%	1%	1%	1%	2%	0%	F	0.099	F	0.559	5900	G
<del>~</del>	To:	Bus US 3													
Moin Ct ND	City of Llowing where	0.02 <b>690</b>		060/	1%	10/	40/	40/	00/	N.I	0.001	N.I.		7400	N
33 (11) Main St NB	City of Harrisonburg			96%		1%	1%	1%	0%	N	0.091	IN			
	Combined Traffic Estimates for 2 Parallel Roadway	s on this Route: 1200 US 11 M		96%	1%	1%	1%	1%	0%	N	NA			13000	Ν
	From:	US 11 Mai													
33 E Market St	City of Harrisonburg	0.11 <b>670</b>		97%	1%	1%	0%	1%	0%	F	0.081	F	0.521	7300	(
***	To	Masor	. C4												
33 E Market St	City of Harrisonburg	0.87 <b>130</b> 0		97%	1%	1%	0%	1%	0%	F	0.091	F	0.553	14000	(
E Market St	Oity of Harrisonburg			37 70	1 /0	170	070	1 /0	070	·	0.001	•	0.555	14000	`
~	From:	Vine										_			
E Market St	City of Harrisonburg	0.61 <b>260</b> 0	00 G	97%	1%	1%	0%	1%	0%	С	0.088	F	0.567	28000	(
~	To: From:	I-81													
E Market St	City of Harrisonburg	0.59 <b>290</b> 0	00 G	95%	1%	1%	1%	2%	0%	F	0.088	F	0.505	31000	(
~	To:	Universit	v Blvd												
Barket St	City of Harrisonburg	1.07 <b>270</b> 0		96%	0%	1%	1%	2%	0%	С	0.097	F	0.538	29000	(
9	To:	ECL Harri	sonburg										Factor  F 0.559 5900  N 7400 13000  F 0.521 7300  F 0.567 28000  F 0.505 31000  F 0.538 29000  N 7400 11000  F 0.518 17000  F 0.524 21000  F 0.524 21000  F 0.524 21000  F 0.584 17000  F 0.584 12000  F 0.583 12000		
	From:	US 1	11			I									
33 (11) Main St NB	City of Harrisonburg	0.03 <b>690</b>		96%	1%	1%	1%	1%	0%	Ν	0.091	Ν		7400	1
	Combined Traffic Estimates for 2 Parallel Roadways	s on this Route: 990		96%	0%	1%	1%	1%	0%	Ν	NA			5900 7400 13000 7300 14000 28000 31000 29000	1
	Tor	US 3												7400 13000  7300  14000  28000  31000  29000  17000  21000  17000  12000  12000	
	From:	SCL Harris	sonburg												
42) S High St	City of Harrisonburg	0.13 <b>160</b> 0		98%	0%	1%	1%	1%	0%	F	0.092	F	0.518	17000	(
12)	To	Printer				<del>1</del>									
42) S High St	City of Harrisonburg	Ericksor 1.27 <b>190</b> 0		97%	0%	1%	1%	1%	0%	С	0.092	F	0.524	20000	(
42) 6 mgm ot	Oity of Flamsonburg			37 70	070	170	1 70	1 /0	070	O	0.002	'	0.024	20000	`
	From:	Sunrise					401			_		_			
42) S High St	City of Harrisonburg	0.40 <b>190</b> 0	00 G	98%	0%	1%	1%	1%	0%	F	0.087	F	0.524	21000	(
	To: From:	Grace A	Ave												
<sub>42</sub> ) S High St	City of Harrisonburg	0.55 <b>190</b> 0	00 G	98%	0%	1%	1%	1%	0%	F	0.081	F	0.522	21000	(
<u> </u>	To:	Marke	t St												
42) N High St	City of Harrisonburg	0.27 <b>160</b> 0		98%	0%	1%	1%	1%	0%	F	0.084	F	0.584	17000	(
3	To														
Virginia Ave	City of Harrisonburg	Gay 3		98%	0%	1%	1%	1%	0%	F	0.084	_	0.594	12000	(
12 Virginia Ave	City of Harrisonburg			90 /o	0 /0	1 /0	1 /0	1 /0	U /0	F	0.004	Г	0.504	12000	•
	To: From:	5th S													
<sub>42</sub> ) Virginia Ave	City of Harrisonburg	0.60 <b>120</b> 0	00 G	96%	0%	1%	1%	1%	0%	С	0.088	F	0.583	12000	(
~	To From:	Mt Clinto	n Pike												
42) Virginia Ave	City of Harrisonburg	0.83 1400	00 G	96%	0%	1%	1%	1%	0%	F	0.09	F	0.612	15000	(
	To:	NCL Harri	sonburg												

### Virginia Department of Transportation Traffic Engineering Division

### 2008 Annual Average Daily Traffic Volume Estimates By Section of Route City of Harrisonburg

			ii i iaiiisoi					Tru	ıck			K		Dir		
Route	Jurisdictio	n Length	AADT	QA	4Tire	Bus	2Axle	3+Axle		2Trail	QC	Factor	QK	Factor	AAWDT	QW
North	From:	SC	L Harrisonb	urg												
( <del>81</del> )	City of Harrisonburg	(Maint: 82) 0.50	23000	G	74%	1%	1%	1%	22%	2%	F	0.074	F		23000	G
$\bigcirc$	Combined Traffic Estimates for 2 Parallel	el Roadways on this Route:	46000	G	75%	1%	1%	1%	21%	2%	F	NA			45000	G
Nimath	To:	US 1	1, South Ma	ain St												
North 81	City of Harrisonburg	(Maint: 82) 2.83	25000	Α	74%	1%	1%	1%	22%	2%	С	0.103	Α		25000	Α
(61)	Combined Traffic Estimates for 2 Paralle			A	75%	1%	1%	1%	21%	2%	С	0.099	Α		49000	Α
	To:		Port Repul		. 0 70	.,,		.,,				0.000			.0000	
North	From:		Port Republ													
81	City of Harrisonburg		24000	G	74%	1%	1%	1%	22%	2%	F	0.078	F		24000	G
V	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	47000	G	75%	1%	1%	1%	21%	2%	F	0.072	F	0.551	46000	G
North	To: From:	US	33, E Marke	et St												
(81)	City of Harrisonburg	(Maint: 82) 1.60	22000	G	74%	1%	1%	1%	22%	2%	F	0.08	F		22000	G
	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	44000	G	75%	1%	1%	1%	21%	2%	F	0.069	F	0.534	44000	G
	To:	NC	L Harrisonb	ourg												
South	From:		L Harrisonb													
81)	City of Harrisonburg	,	23000	G	76%	1%	1%	1%	20%	2%	F	0.079	F		23000	G
	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	46000	G	75%	1%	1%	1%	21%	2%	F	NA			45000	G
South	To: From:	US 1	1, South Ma	ain St												
81)	City of Harrisonburg	(Maint: 82) 2.63	25000	Α	76%	1%	1%	1%	20%	2%	С	0.105	Α		24000	Α
	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	49000	Α	75%	1%	1%	1%	21%	2%	С	0.099	Α		49000	Α
	Ta	SR 25	Port Repul	blic Rd			<u> </u>									
South	City of Horrisonburg				76%	1%	10/	40/	200/	20/	_	0.077	_		22000	_
81	City of Harrisonburg Combined Traffic Estimates for 2 Paralle	,	23000	G G	76% 75%	1%	1% 1%	1% 1%	20% 21%	2% 2%		0.077 0.072	F	0.551	22000 46000	G G
	Combined Trainic Estimates for 2 Parallel				75%	170	1%	1%	21%	2%	Г	0.072	Г	0.551	46000	G
South	To: From:		33, E Marke	et St												
81)	City of Harrisonburg	(Maint: 82) 1.30	22000	G	76%	1%	1%	1%	20%	2%	F	0.067	F		22000	G
$\smile$	Combined Traffic Estimates for 2 Paralle			G	75%	1%	1%	1%	21%	2%	F	0.069	F	0.534	44000	G
	10:		L Harrisonb													
	From:		S 11 S Main		070/	00/		00/	407	00/	_	0.000	_	0.500	0.4000	•
253 Port Republic Rd	City of Harriso	nburg 0.48	23000	G	97%	0%	1%	0%	1%	0%	С	0.086	F	0.560	24000	G
	To: From:		I-81													
253 Port Republic Rd	City of Harriso	nburg 0.85	24000	G	97%	0%	1%	0%	1%	0%	F	0.086	F	0.530	26000	G
$\stackrel{\sim}{=}$	To: From:		ach Grove A													
253 Port Republic Rd	City of Harriso		6400	G	97%	0%	1%	0%	1%	0%	F	0.091	F	0.571	6900	G
$\overline{}$	To:	EC	L Harrisonb	urg												

						City of Harrison	nburg								
Route	Length	AADT	QA	4Tire	Bus			2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Harrisonburg		From	:1			NCI Harrisonh	uro			<u> </u>					
E238 Buffalo Dr	0.07		N			NCL Hamsond	urg			NA			NA		05/10/200
(20)		To	-			Dead End									
		From	:			E Market St								-	
1 Vine St	1.42	9000	G	95%	0%	1% 2%	2%	0%	С	0.092	F	0.518	9700	G	2008
		To	:			N Main St									
Citx of Harrisonbury															
3 Eastover Dr	0.44	490	G	96%	1%	1% 1%	1%	0%	F	0.125	F	0.713	530	G	2008
$\cup$		To	:			Reservoir St									
		From	:			115-4115 N Liberty	Street								
4 E. Washington St	0.24	3200	G	95%	1%	3% 0%	1%	0%	F	0.087	F	0.518	3400	G	2008
$\cup$		To				N Main St									
E. Washington St	0.72		G	95%	1%		1%	0%	С	0.09	F	0.527	4000	G	2008
4) =	•				.,,		.,,							_	
		From	:			SR 42				i					
Acorn Dr	1.16	4100	G	96%	1%		1%	0%	С	0.094	F	0.592	4400	G	2008
9			:												
		From				Mt Clinton Pil	ve.								
Park Rd	0.58	2700	G	99%	0%			0%	С	0.101	F	0.542	2900	G	2008
0										_	•			_	
O Davide Dal	0.04		<u> </u>	000/	00/		00/	00/			_	0.54	0400		2000
6 Park Rd	0.34			99%	0%			0%		0.1	г	0.51	2100	G	2008
O 11 D.1	0.00			070/	40/		40/	00/			_	0.5	4500	_	0000
7 Harmony Rd	0.23			97%	1%		1%	0%	C	0.122	F	0.5	1500	G	2008
			<u> </u>												
O 5.			<u> </u>	2221							_			_	
(4100) Mosby Rd	0.35	6700	G	96%	0%	1% 0%	3%	0%	C	0.095	F	0.548	7200	G	2008
<u> </u>															
(4100) Mosby Rd	0.26		G	96%	0%	1% 0%	3%	0%	F	0.091	F	0.538	7800	G	2008
$\overline{}$		To	:			Main St									
_		From	:												
(4102) Pleasant Hill Rd	0.78	9300	G	98%	0%	1% 0%	1%	0%	С	0.089	F	0.528	10000	G	2008
$\overline{}$	Langth   AADT   QA   ATIVE   Bus   2AVE   3-AVE   1Troil   2Troil   QC   Factor   CK   Factor   CK   Factor   AAVED   QW   Year   CD   CD   CD   CD   CD   CD   CD   C														
Ctana Casina Dd	0.05		<u> </u>	000/	00/			00/		0.004	_	0.044	0000	0	2000
stone Spring Rd	0.65	9100	G	98%	0%	1% 0%	1%	0%	C	0.094	г	0.611	9800	G	2008
$\widehat{}$										_					
(4102) Stone Spring Rd	0.53		G	98%	0%			0%	F	0.095	F	0.602	8900	G	2008
<u> </u>		To	:			ECL Harrisonb	urg								
$\cap$								· · · · ·				· · · · · · · · · · · · · · · · · · ·			
(4103) Central Ave	0.14	1400	G	97%	1%	2% 0%	0%	0%	С	0.112	F	0.627	1500	G	2008
		To From				Sharon St				$\supset$ —					
(4103) Central Ave	0.91		G	97%	1%	2% 0%	0%	0%	F	0.159	F	0.737	1200	G	2008
$\bigcirc$		To	:			Maryland Av	e								
		From	:			S High St				1					
(4104) South Ave	0.52	5900	G	97%	1%		1%	0%	С	0.09	F	0.504	6400	G	2008
$\bigcirc$			:											_	
	<u> </u>	From				SR 42 High S	t								
4105) Maryland Ave	0.44	7000	G	97%	0%			0%	F	0.091	F	0.587	7500	G	2008
$\bigcirc$			:			Main St									
		From	:			High St									
(4106) Cantrell Ave	0.57	9700	G	98%	0%		1%	0%	F	0.087	F	0.588	10000	G	2008
\ 7															
<u> </u>		To													
Cantrell Ave	0.69	From		080/	∩0/:		10/	Λο/-	^	U 083	F	0.535	17000	C	2002
(4106) Cantrell Ave	0.68	16000	G	98%	0%		1%	0%	С	0.083	F	0.535	17000	G	2008
		To From	:			1% 0% Reservoir St									
(4106) Cantrell Ave		To From	:			1% 0% Reservoir St 1% 0%	1%								

						City of F	iamsonic	uig								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Harrisonburg		Pre									-					
Reservoir St	0.97	8300	G	99%	0%	SCL H 1%	Iarrisonbur 0%	9 0%	0%	F	0.102	F	0.622	9000	G	2008
Reservoir St	0.91	0300		33 70	070			0 70	070	'	0.102	'	0.022	3000	J	2000
Reservoir St	0.57	17000	G	99%	0%	Unive	ersity Blvd 0%	0%	0%	F	0.097	F	0.547	18000	G	2008
Reservoir St	0.57	17000		99 /0	0 /6			0 /0	076		0.097		0.547	10000	G	2000
December Ct	0.00	From		000/	00/		tover Dr	00/	00/		0 107		0.542	11000		2000
Reservoir St	0.89	10000	G	99%	0%	1%	0%	0%	0%	С	0.107	F	0.543	11000	G	2008
01.001.000	0.40	From	┺	050/	40/		larket St	00/	00/				0.507	4700	_	0000
Sterling St	0.13	1600 <sub>To</sub>	G	95%	1%	2%	1%	2%	0%	F	0.113	F	0.507	1700	G	2008
		From	:				Gay St erling St									
Gay St	0.45	2700	G	95%	1%	2%	1%	2%	0%	F	0.109	F	0.544	2900	G	2008
		To				М	ason St									
4107) Gay St	0.33	5000 From	G	95%	1%	2%	1%	2%	0%	С	0.098	F	0.535	5400	G	2008
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		To														
Gay St	0.11	3600	G	95%	1%	2%	High St 1%	2%	0%	F	0.094	F	0.549	3900	G	2008
1107) Gay St	0.11	To		JJ /0	1 /0		cago Ave	∠ /0	U /0	'	0.094		0.548	3300	J	2000
		From					Gay St									
Chicago Ave	0.58	5900	G	98%	0%	1%	0%	0%	0%	С	0.092	F	0.533	6400	G	2008
<u> </u>		To					erman Dr									
Chicago Ava	0.40	From	<u></u>	000/	Λ0/		rman Ave	00/	00/		0.000	_	0.540	6600	C	2000
Chicago Ave	0.43	6100 To	G	98%	0%	1% Mt C	0% linton Pike	0%	0%	F	0.092	F	0.512	6600	G	2008
		From														
Paul St	0.64	1800	G	99%	0%	0%	tover Dr 0%	0%	0%	С	0.113	F	0.546	1900	G	2008
Paul St	0.04	1000		3376	070	070	070	0 70	070		<u>0.113</u>	•	0.540	1300	O	2000
<u> </u>		From					ason St				<u> </u>				_	
Paul St	0.14	930	G	99%	0%	0%	0%	0%	0%	F	0.108	F	0.576	1000	G	2008
		20	1				Iain St									
Orono Ct	0.07	From	G	070/	00/		ligh St	00/	00/		0.105	F	0.500	4000	0	2000
Grace St	0.27	4400		97%	0%	2%	0%	0%	0%	С	0.105	Г	0.580	4800	G	2008
<u> </u>		From					Iain St				<u> </u>					
Grace St	0.14	5500	G	97%	0%	2%	0%	0%	0%	F	0.103	F	0.556	6000	G	2008
<u> </u>		From	:				ason St race St									
4109) Mason St	0.10	4600	G	99%	0%	1%	0%	0%	0%	F	0.089	F	0.611	4900	G	2008
4103)		To													_	
4109) Mason St	0.20	4000 From	G	99%	0%	1%	trell Ave 0%	0%	0%	С	0.088	F	0.566	4300	G	2008
4109 Wason St	0.20	4000		3370	070			070	070		0.000	•	0.500	4300	J	2000
	0.44	From	┺	000/	00/		aul St	00/	00/				0.570	4000		0000
Mason St	0.41	4300	G	99%	0%	1%	0%	0%	0%	F	0.091	F	0.573	4600	G	2008
		To From					arket St									
Mason St	0.44	7100	G	99%	0%	1%	0%	0%	0%	F	0.096	F	0.569	7600	G	2008
<u> </u>		To				N	Iain St									
O		From					High St					_			_	
4 <sub>110</sub> Wolfe St	0.23	2700	G	98%	1%	1%	0%	0%	0%	F	0.105	F	0.589	2900	G	2008
		To From					Main St									
4110) Wolfe St	0.69	1100	G	98%	1%	1%	0%	0%	0%	С	0.121	F	0.541	1200	G	2008
$\smile$		To					urnace Rd									
Old Furnace Rd	0.29	2800	G	98%	1%	w 1%	olfe St 0%	0%	0%	F	0.108	F	0.647	3100	G	2008
Old Furnace Rd	0.29	2000		<i>3</i> 0 /0	1 /0			0 /0	0 /0	ı	0.100	r	0.047	3100	J	2000
OHE 51	2.24	From	<u> </u>	000/	401		ine St	001	001			_	0.004	0.100		0000
Old Furnace Rd	0.91	2300	G	98%	1%	1%	0%	0%	0%	F	0.107	F	0.661	2400	G	2008
<u> </u>		To	<u> </u>				Iarrisonbur									
	• =-	From		0=:			, E Market					_	0 = = =			
Country Club Dr	0.76	8000	G	97%	0%	1%	1%	1%	0%	С	0.103	F	0.505	8600	G	2008
		To From				Lin	ıda Lane				$\exists$ $\vdash$					
4113) Country Club Dr	0.85	13000	G	97%	0%	1%	1%	1%	0%	F	0.097	F	0.527	14000	G	2008
		To To	.1			110.22	E Market S	14								

						City of Harris	sonburg								
Route	Length	AADT	QA	4Tire	Bus	2Axle 3+A		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Harrisonburg		From	.1							-					
(4114) Kratzer Ave	0.12	3300 Ta	G			Noll D  N Liberty				0.103	F	0.776	3600	G	2008
		From	! :			Noll D				1					
4115) Liberty St	0.25	2600	G	91%	1%	2% 29	% 4%	0%	F	0.095	F	0.576	2800	G	2008
(4115) Liberty St	0.32	5600	G	91%	1%	Kratzer A 2% 29		0%	F	0.089	F	0.537	6000	G	2008
(4115) Liberty St	0.32	4300 From	G	91%	1%	Edom F 2% 29		0%	F	0.094	F	0.565	4600	G	2008
(4115) Liberty St	0.80	3500 From	G	91%	1%	Charles 2% 29	% 4%	0%	С	0.095	F	0.511	3700	G	2008
		From	]			NCL Harriso									
(4116) Pike Church Rd	0.14	1900	G	90%	1%	S Main 2% 19		0%	С	0.101	F	0.529	2000	G	2008
4118) 1 1110 011011110	<b>0</b>	To	·	0070	.,,	WCL Harrise		0,0				0.020			
		From	:			Mosby I	Rd								
(4117) Pear St	1.09	3300	G	99%	0%	0% 09		0%	С	0.091	F	0.542	3500	G	2008
		From	:I			Pleasant Hi									
(4118) Erickson St	0.72	8600	G	96%	1%	WCL Harris		0%	С	0.093	F	0.56	9200	G	2008
4110		To	:		.,,	S High					-				
		From	:			SCL Harriso	onburg								
(4119) Garbers Church Rd	0.05	3500	G	94%	1%	1% 29		0%	F	0.109	F	0.634	3800	G	2008
		From	:			Erickson Erickson									
(4119) Garbers Church Rd	1.48	4900	G	94%	1%	1% 29		0%	С	0.133	F	0.595	5200	G	2008
$\overline{}$		To From	:			US 33 Mar	ket St			_					
(4119) Switchboard Rd	0.20	2200	G	94%	1%	1% 29		0%	F	0.122	F	0.517	2400	G	2008
		To				NCL Harrisonbu									
(4120) Waterman Dr	0.84	4500	G	95%	0%	W Marke 2% 19		0%	С	0.1	F	0.517	4800	G	2008
(4120) Waterman Dr	0.04	4500 To		90%	0%	Chicago A		0%		0.1	г	0.517	4000	G	2006
		From	:			WCL Harris									
(4121) Mt Clinton Pike	0.19	6300	G	95%	0%	2% 19		0%	F	0.097	F	0.593	6800	G	2008
<u> </u>		To	-			College A	Ave								
(4121) Mt Clinton Pike	0.10	6900	G	95%	0%	2% 19	% 2%	0%	F	0.098	F	0.590	7400	G	2008
		To From				Chicago A	Ave								
(4121) Mt Clinton Pike	0.37	8900	G	96%	1%	1% 19		0%	С	0.095	F	0.527	9600	G	2008
		To From				SR 42 Virgin									
(4121) Mt Clinton Pike	1.29	8200	G	95%	0%	2% 19		0%	F	0.091	F	0.548	8900	G	2008
<u> </u>		To				N Main	St								
$\sim$		From				Virginia A									
(4122) Edom Rd	0.21	2900 <sub>To</sub>	G	98%	0%	1% 09		0%	F	0.103	F	0.649	3100	G	2008
		From	<u>]</u> .i			N Liberty									
(4124) Bruce St	0.15	2000	G	98%	0%	S High :		0%	С	0.098	F	0.883	2200	G	2008
2124	<u> </u>			5570	270										
(4124) Bruce St	0.22	1800	G	98%	0%	Liberty 1% 09		0%	F	0.109	F		1900	G	2008
		To	:			Mason									
		From				Country Cla	ıb Rd								
(4125) Keezletown Rd	0.76	2100	G	97%	1%	1% 19		0%	F	0.106	F	0.644	2200	G	2008
		To	1			ECL Harriso									
(4127) Greendale Rd	1.05	2900	G	97%	1%	Pleasant Val		0%	С	0.107	F	0.627	3100	G	2008
Greendale Rd	1.00	<b>2900</b> To		J1 /0	1 /0	ECL Harriso		0 /0		0.107	'	0.021	3100	5	2000

						City of Harrison	ourg								
Route	Length	AADT	QA	4Tire	Bus	Tru 2Axle 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Harrisonburg															
4128) Pleasant Valley Rd	0.67	4700	G	88%	1%	SCL Harrisonbur	8%	0%	F	0.098	F	0.525	5000	G	2008
4128 Ticasant Valley Nu	0.07	77 OO	Ť	0070	1 70	RTE 710 Greendale		070		0.000	•	0.020	3000	J	2000
		From		2221	401	Greendale Rd									
Pleasant Valley Rd	0.73	7300 To	G	88%	1%	1% 2% S Main St	8%	0%	С	0.092	F	0.534	7900	G	2008
		From				Hartman Dr on Nortl	. F. 4								
2nd St		260	G			Harullan Dr on Noru	I EIIG			0.137	F		280	G	2008
		To	:			Willow St on South	End				-				
		From				Clay St									
Alleghany Ave		140	G							0.156	F		150	G	2008
		To	d			Star Crest Dr									
DI D'I D I		From				Star Crest Dr					_		4000	•	0000
Blue Ridge Rd		4500 To	G			Country Club D	r			0.088	F		4900	G	2008
		From								1					
Bluestone St		140	G			Monument Ave				0.136	F		150	G	2008
		To				Dead End									
		From				Star Crest Dr									
Broad View Dr		580	G							0.112	F		620	G	2008
		To	c			Sparrow Ct									
		From				N. Mason St									
Campbell St		260	G			00				0.103	F		280	G	2008
		10	1			Ott St									
Carlton St		From <b>6100</b>	G			Reservoir St				0.094	F		6500	G	2008
Canton St		Ta	<u> </u>			Market St				0.094	-		0300	G	2000
		From				S. Dogwood Dr									
Cedar St		160	G							0.107	F	0.686	170	G	2008
		To	2			West Ave									
		From				N Liberty St									
Charles St		2200	G							0.091	F		2300	G	2008
		10				N Main St									
Clay St		290	G			Country Club				0.138	F		310	G	2008
Clay St		<b>290</b>	<u> </u>			Alleghany Ave				0.136	Г		310	G	2008
		From	c			Jefferson St									
Clinton St		380	G			Jeneison at				0.101	F	0.597	410	G	2008
		To	:			N Main St									
		From	c			Orchard Lane									
Crawford St		1000	G							0.180	F	0.642	1100	G	2008
		To				Port Republic R									
Crawford St		650	G			Monument Ave				0.22	F	0.668	700	G	2008
oramora or		To				Orchard Lane					·	0.000	700	Ū	2000
		From	:			Hillandale Ave				i					
Dale Cir		90	G							0.159	F		90	G	2008
		To	c			Hillandale Ave									
		From				N. Mason St									
E Gay St		4300	G							0.096	F		4600	G	2008
		To				N. Main St				_					
Elmurad Dr		From	ь			Maryland Ave				0.422	_	0.500	050	_	2000
Elmwood Dr		230 Ta	G			New York Ave				0.133	F	0.508	250	G	2008
		From	c							L					
Green St		150	G			N. Dogwood Di	l .			0.120	F		160	G	2008
		To	Ē			Willlow St					•		. 50	-	_550
										-					

					City of Harrisonb	uig							
Route	Length AADT	QA	4Tire	Bus	True		QC	K actor	QK	Dir Factor	AAWDT	QW	Yea
v of Harrisonburg	From:				W. Gay St			1					
Hartman Dr	250	G						0.103	F		270	G	2008
	To				Second St								
	From:				S. Dogwood Dr								
Hillandale Ave	550	G			g Ir i g			0.122	F		590	G	2008
	From:				S. High St.								
Hillcrest Dr	250	G			Fairview Ave			_ <b>_</b> 0.108	F		270	G	200
Tilliciest Di	<b>230</b> To:				Maplehurst Ave			7	'		210	G	200
	From:				Dead End			Ì					
Hillside Ave	370	G						0.23	F		400	G	200
	To:				Monument Ave								
	From:				Moore St								
Holly Hill Dr	200	G						0.142	F		210	G	200
	To:				N Main St								
	From:				Valley St				_		070	_	
Monument Ave	810	G			Bluestone St			0.147	F		870	G	200
	From												
Moore St	100	G			Dead End			<b>_</b> 0.186	F		100	G	200
WOOLG OF	To				Holly Hill Dr			7	•		100	Ü	200
	From:				N. Main St			Ī					
Newman Ave	900	G						0.096	F		970	G	200
	To:				Federal St								
	From:				South Ave								
S. Dogwood Dr	1400	G	·					0.123	F		1500	G	200
	To				Ridge Rd								
	From:				S. Dogwood Dr								
South Ave	920 To:	G			Chama Du			0.112	F		980	G	200
	From:				Sharps Dr								
Spottswood Dr	100	G			N. Blue Ridge Rd	l		 0.125	F		100	G	200
opoliowood Bi	To:				N. Carlton St			7	•		100	Ü	200
	From:				Blue Ridge Rd			l					
Star Crest Dr	300	G						0.116	F		330	G	200
	To:				Alleghany Ave								
	From:				Wolfe St								
Statton Rd	30	G						0.254	F	0.588	40	G	200
	To:				W Gay St								
<b>0 0</b> .	From:				Jefferson St			<u>ا</u>	_				
Sutter St	<b>290</b>	G			Dood End			0.111	F		310	G	200
	From:				Dead End			+					
Valley St	140	G			Fry Ave			 0.125	F		150	G	200
valiey of	To:				Monument Ave .			7	•		100	Ü	200
	From:				S. Mason St								
W. View St	200	G						0.129	F		220	G	200
	To				Ott St								
	From:				Brook Ave								
W. Water St	390	G			·		 	0.117	F		410	G	200
	To:				Academy St		 	<u> </u>					
	From				Grace St			]					_
Walnut St	570	G			B 15 1			0.101	F		610	G	200
					Dead End								
Willow St	1000	C			W Gay St			 0.105	_		1100	_	200
vviiiow ol	1000	G						U. 1UO	F		1100	G	200

Route City of Harrisonburg	Length	AADT	QA	4Tire	Bus	Truck 2Axle 3+Axle 1Trail 2Tra	O(	C Fa	K ictor	QK	Dir Factor	AAWDT	QW	Year
Wilson Ave		From:	G			Dead End  N Main St		0.	197	F	0.5	70	G	2008