### 2020

# 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 The reported 2020 AADTs represent the best estimate of 2020 average daily traffic, however, this year's AADTs do vary from normal traffic in the years prior to 2020 due to COVID-19. The reported AADTs may not represent typical traffic for a given day or period within the year as the drastic seasonal variations were normalized through the factoring process. The 2020 publications are therefore colored to draw users attention to the fact that uses of the 2020 published estimates versus alternative data sources should be determined at users' discretion based on the objectives or nature of the analyses being performed.

The estimated 2020 DVMT for the entire state maintained network total to 208,000,000, which has trended down by 11 percent compared to the 2019 level of 234,000,000. For most traffic links across the state, the estimated 2020 AADTs are also seen to have decreased from their 2019 levels.

### 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
- 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 buses.

**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
- 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 Route

F241) Frontage Road (F precedes frontage route number)

(600) Secondary Route

#### Special Routes

Bus Bus - Business Route
Bypas - Bypass Route
Truck - Truck Route
ALT ALT - Alternate Route
Wye - Wye Route connector

P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.

The VDOT Maintainenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

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

Davita	le uria all'adia ca	المسميدا ا	AADT OA	4T:	D		Truc	ck		-00	K	ΟV	Dir	A A \ A \ D T	. ,
Route	Jurisdiction	Length A	AADT QA	4Tire	Bus	2Axle 3	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	(
Mata O	Front		Harrisonburg	070/	00/	10/	40/	40/	00/	_	0.004	_	0.504	10000	
Main St	City of Harrisonburg	0.91 <b>1</b>	1000 G	97%	0%	1%	1%	1%	0%	F	0.091	F	0.504	12000	
	To- From		I-81									_			
Main St	City of Harrisonburg	1.77 <b>1</b>	9000 G	96%	0%	1%	1%	1%	0%	F	0.084	F	0.564	21000	
	To- From:	Pleasa	ant Hill Rd												
S Main St	City of Harrisonburg	0.87 <b>1</b>	5000 G	96%	0%	1%	1%	1%	0%	С	0.090	F	0.516	16000	
	Toy From:	Port R	Republic Rd												
S Main St	City of Harrisonburg	0.65 <b>1</b>	9000 G	96%	0%	1%	1%	1%	0%	F	0.087	F	0.513	20000	
	Ta	SL	Liberty St												
Main St NB	City of Harrisonburg		4900 G	96%	0%	1%	1%	1%	0%	F	0.092	F	0.527	5200	
	Combined Traffic Estimates for 2 Parallel Roadways on the	nis Route: 1	0000 G	96%	0%	1%	1%	1%	0%	F	0.084	F	0.760	11000	
	To:		US 33												
33 Main St NB	City of Harrisonburg		4900 N	96%	0%	1%	1%	1%	0%	Ν	0.092	F	0.527	5200	
(33)	Combined Traffic Estimates for 2 Parallel Roadways on the		9000 N	95%	1%	2%	1%	2%	0%	N	0.084	F	0.760	9600	
	т.						. , .								
Main St NB	City of Harrisonburg		Market Street 4900 N	96%	0%	1%	1%	1%	0%	N	0.092	F	0.527	5200	
Main St NB	Combined Traffic Estimates for 2 Parallel Roadways on the		7500 N	96%	0%	1%	1%	1%	0%	N	0.032	, F	0.760	8000	
	Odmbined Traine Estimates for 21 drainer rioadways of the			30 70	0 70	1 /0	1 /0	1 /0	0 70	11	0.004	•	0.700	0000	
Main Ct ND	City of Harrisonburg		S 33 Par 4900 N	96%	0%	1%	1%	1%	0%	N	0.092	F	0.527	5200	
Main St NB	,			90%	0%	170	170	170	0%	IN		F			
	Combined Traffic Estimates for Parallel Roadways on the		NA								0.084	Г	0.760	NA	
	To: From:		atzer Ave	0==/								_	0.010		
N Main St	City of Harrisonburg	0.68	7300 G	95%	0%	1%	0%	2%	0%	С	0.094	F	0.613	7800	
	To: From:		narles St												
N Main St	City of Harrisonburg		6200 G	95%	0%	1%	0%	2%	0%	F	0.090	F	0.600	6600	
	To:		Harrisonburg												
	From:		Main St							_		_			
Liberty St	City of Harrisonburg		5500 G	96%	0%	1%	1%	1%	0%	С	0.079	F		5900	
	Combined Traffic Estimates for 3 Parallel Roadways on the	nis Route: 1	5000 N	96%	0%	1%	1%	1%	0%	N	NA			16000	
~~~	To- From:		Market Street												
33 Liberty St	City of Harrisonburg		4100 G	94%	1%	2%	1%	2%	0%	С	0.079	F		4300	
$\smile$	Combined Traffic Estimates for 2 Parallel Roadways on the	nis Route: 9	9000 N	95%	1%	2%	1%	2%	0%	Ν	NA			9600	
	To From:	R	Rock St												
(33) Noll Dr	City of Harrisonburg	2	2600 G	96%	0%	1%	1%	1%	0%	F	0.082	F		2800	
P	Combined Traffic Estimates for 2 Parallel Roadways on the	nis Route: 7	7500 N	96%	0%	1%	1%	1%	0%	Ν	NA			8000	
	To:	Kra	atzer Ave												
	Front	WCL H	Harrisonburg												
W Market St	City of Harrisonburg	1.11 7	7500 G	96%	1%	1%	0%	2%	0%	F	0.093	F	0.550	8000	
,	То:	Wate	terman Dr												

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

ъ.	1				4	_		Tru	ck		00	K	014	Dir	AANAIDT	
Route	Jurisdictio	n Length	AADT	QA	4Tire	Bus		e 3+Axle			QC	Factor	QK	Factor	AAWDT	Q۷
33 W Market St	City of Harriso		Waterman Dr <b>7900</b>	G	96%	1%	1%	0%	2%	0%	С	0.089	F	0.532	8500	G
<del>~</del>	To:	S	R 42 S High S	St												
W Market St	City of Harriso		4100	G	96%	1%	1%	0%	2%	0%	F	0.096	F		4400	G
~	To:	F	Bus US 33 Par US 11	•												
33) (11) Main St NB	City of Harriso	nburg 0.02	4900	N	96%	0%	1%	1%	1%	0%	Ν	0.092	F	0.527	5200	Ν
	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	9000	N	95%	1%	2%	1%	2%	0%	Ν	0.084	F	0.760	9600	Ν
	To:		JS 11 Main St 11 Main St N													
E Market St	City of Harriso		5000	G	96%	0%	1%	1%	1%	0%	F	0.094	F	0.512	5400	G
9) " " " " " " " " " " " " " " " " " " "	To		Mason St													
E Market St	City of Harriso	nburg 0.87	10000	G	96%	0%	1%	1%	1%	0%	F	0.093	F	0.569	11000	G
<b>(2)</b>	To:		Vine St													
E Market St	City of Harriso	nburg 0.61	16000	G	96%	0%	1%	1%	1%	0%	С	0.091	F	0.557	17000	C
~ <sup>)</sup>	To		I-81				<u> </u>									
E Market St	City of Harriso	nburg 0.70	27000	G	95%	1%	1%	1%	3%	0%	F	0.093	F	0.549	28000	C
~ ·	Too	U	Iniversity Blvd	1			_									
E Market St	City of Harriso	nburg 0.96	23000	G	96%	0%	1%	1%	2%	0%	С	0.094	F	0.559	25000	C
<b>√</b>	To:	EC	L Harrisonbu	rg												
ast	From:		33 E, E Marke										_			
Ramp to I-81 S at Exit 24	7 City of Harrisonburg	(Maint: 82) 0.21	<b>7000</b> I-81 South	F								0.084	F		7500	F
1	From	TIC (		+ C+												
ast $33$ Ramp to I-81 N at Exit 24	7 City of Harrisonburg		33 E, E Marke <b>730</b>	G								0.142	F		730	(
00)	To:	(	I-81 North									• • • • • • • • • • • • • • • • • • • •				
/est	From:	US 3	3 W, E Marke	et St												
Ramp to I-81 S at Exit 24	7 City of Harrisonburg	(Maint: 82)	4200	G								0.097	F		4200	(
~	To:		I-81 S													
Pest	City of Horrisonburg		3 W, E Marke									0.100	_		2000	
Ramp	City of Harrisonburg	(Mairit. 62)	<b>3700</b> I-81 North	F								0.108	F		3900	F
	From:		US 11													
Main St NB	City of Harriso	nburg 0.03	4900	N	96%	0%	1%	1%	1%	0%	Ν	0.092	F	0.527	5200	١
6°) ( · · )	Combined Traffic Estimates for 2 Parallel	=	7500	N	96%	0%	1%	1%	1%	0%	Ν	0.084	F	0.760	8000	١
	To:		US 33													
	From:		L Harrisonbu													
S High St	City of Harriso	nburg 0.13	13000	G	97%	0%	0%	1%	1%	0%	F	0.091	F	0.512	15000	C
(42) S High St	To: From:		Erickson Ave				$\Box$									
	City of Harriso	nhura 1 27	15000	G	97%	0%	1%	1%	1%	0%	C	0.093	F	0.541	16000	C

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

		City	of Harrisoi	ibuig												
Route	Jurisdiction	n Length	AADT	QA	4Tire	Bus		Tru	-		QC	_ K	QK	Dir	AAWDT	QW
		-					2Axle	3+Axle	1Trail	2Trail		Factor		Factor		
C I limb Ct	City of Howing	0.40	Sunrise Ave		070/	0%	00/	10/	10/	00/	_	0.000	F	0.50	10000	G
(42) S High St	City of Harrison	nburg 0.40	17000	G	97%	0%	0%	1%	1%	0%	F	0.089	г	0.53	19000	G
	To: From:		Grace Ave													
(42) S High St	City of Harrison	nburg 0.55	17000	G	97%	0%	0%	1%	1%	0%	F	0.085	F	0.542	19000	G
$\overline{}$	To:		Market St				$\neg$ $\vdash$									
(42) N High St	City of Harrison	nburg 0.27	14000	G	97%	0%	0%	1%	1%	0%	F	0.087	F	0.571	16000	G
	To		Gay St													
(42) Virginia Ave	From I City of Harrison	nbura 0.44	11000	G	97%	0%	0%	1%	1%	0%	F	0.086	F	0.564	12000	G
(42)g	- I					0 70		. , ,	. , 0	0,0	•	0.000	•	0.00	000	<u> </u>
Virginia Ava	From:	nh	5th St	_	069/	0%	10/	10/	2%	0%	С	0.089	F	0.570	10000	G
42 Virginia Ave	City of Harrison	nburg 0.60	9700	G	96%	0%	1%	1%	2%	0%	C	0.089	г	0.572	10000	G
	To: From:		Mt Clinton Pil													
(42) Virginia Ave	City of Harrison		11000	G	96%	0%	1%	1%	2%	0%	F	0.091	F	0.604	12000	G
$\smile$	To:	No	CL Harrisonb	urg												
North	From:	SC	CL Harrisonb	urg												
(81)	City of Harrisonburg	(Maint: 82) 0.50	25000	Α	70%	1%	1%	1%	25%	2%	F	0.101	Α		26000	Α
$\bigcirc$	Combined Traffic Estimates for 2 Parallel	Roadways on this Route	49000	Α	71%	1%	1%	1%	24%	2%	F	0.097	Α	0.521	50000	Α
	To:	US	11, South Ma	ain St			<b>—</b> L									
North	From:				700/	40/	40/	40/	050/	00/	_	0.400			05000	
81	City of Harrisonburg	,	24000	A	70%	1%	1%	1%	25%	2%	С	0.102	Α		25000	Α –
	Combined Traffic Estimates for 2 Parallel	-		В	71%	1%	1%	1%	24%	2%	С	0.099	Α	0.551	49000	В
North	From:		3 Port Repub		1											
81)	City of Harrisonburg		24000	A	70%	1%	1%	1%	25%	2%	F	0.103	Α		24000	Α
01)	Combined Traffic Estimates for 2 Parallel			Α	71%	1%	1%	1%	24%	2%	F	0.098	Α	0.516	49000	Α
	- [				, 0	. , ,		. , ,	, ,	_,,	•	0.000		0.0.0	.0000	
North	From:		33, E Marke	et St												
81)	City of Harrisonburg	(Maint: 82) 1.60	22000	Α	70%	1%	1%	1%	25%	2%	F	0.111	Α		22000	Α
	Combined Traffic Estimates for 2 Parallel	Roadways on this Route	44000	Α	71%	1%	1%	1%	24%	2%	F	0.100	Α	0.527	44000	Α
	To:	Ne	CL Harrisonb	urg												
North	From:		I-81 North													
(81) Ramp	City of Harrisonburg	(Maint: 82) 0.12	3900	F			_					0.09	F		4200	F
	To:		3 Port Repul	blic Rd												
North	From:		I-81 North													
(81) Ramp	City of Harrisonburg	(Maint: 82) 0.25	4500	F								0.095	F		4800	F
	To:	<u>'</u>	33 E, E Mark													
North	From:		I-81 North													
(81) Ramp	City of Harrisonburg	(Maint: 82)	2300	F								0.11	F		2400	F
01)	To:		33 W, E Mari													
South	From:		CL Harrisonb													
81	City of Harrisonburg		23000	A A	73%	1%	1%	1%	23%	2%	F	0.105	Α		24000	Α
01)	Combined Traffic Estimates for 2 Parallel			A	71%	1%	1%	1%	24%	2%	F	0.097	Α	0.521	50000	Α
	To:		11, South Ma		7 1 70	1 /0	1 /8	1 /0	∠→ /0	<b>L</b> /0	,	0.037	^	0.021	30000	
		US	11, 30uul Mi	ıııı ət												

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

Route		Jurisdiction		ما المو مو	AADT		4T:	Dua		Trι	ıck		00	K	QK	Dir	AAWDT	014/
Houle		Junsaictio	n .	Length	AADT	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDI	QW
South (81)		From:			1, South Ma													
81		City of Harrisonburg	,	2.63	24000	В	73%	1%	1%	1%	23%	2%	С	0.104	Α		25000	В
	Combined Traffic	Estimates for 2 Parallel	Roadways on this	Route:	49000	В	71%	1%	1%	1%	24%	2%	С	0.099	Α	0.551	49000	В
South		To: From:		SR 253	3 Port Repul	olic Rd												
South 81		City of Harrisonburg	(Maint: 82)	1.50	24000	Α	73%	1%	1%	1%	23%	2%	F	0.101	Α		24000	Α
	Combined Traffic	Estimates for 2 Parallel	Roadways on this	Route:	48000	Α	71%	1%	1%	1%	24%	2%	F	0.098	Α	0.516	49000	Α
		To:		US	33, E Marke	et St												
South 81		City of Harrisonburg	(Maint: 82)	1.30	22000	Α	73%	1%	1%	1%	23%	2%	F	0.105	Α		22000	Α
(81)	Combined Traffic	Estimates for 2 Parallel	` '			Ā	71%	1%	1%	1%	24%	2%	F	0.100	A	0.527	44000	A
	Combined Traile	To:	rtoadways on this		L Harrisonb		7 1 70	1 /0		1 /0	Z-T /0	270	•	0.100	^	0.527	44000	^
South		From:			I-81 South													
~~~	5 to Port Republic Rd	City of Harrisonburg	(Maint: 82)	0.12	3500	Α	97%	0%	1%	0%	1%	0%	F	0.111	Α		3500	Α
		To:		SR 253	3 Port Repul	olic Rd												
South		From:			I-81 South													
(81) Ramp I-81 S Exit 24	7 to US 33 E	City of Harrisonburg	(Maint: 82)	0.12	3500	F								0.099	F		3700	F
		To:		US 3	3 E, E Mark	tet St												
South		From:			I-81 South													_
81 Ramp		City of Harrisonburg	(Maint: 82)	0.22	960	F								0.096	F		1000	F
		From:			3 W, E Mar													
253 Port Republic Rd		City of Harrison	nbura	0.48	3 11 S Main 23000	St G	97%	0%	1%	0%	1%	0%	С	0.082	F	0.505	25000	G
253)1 off Hepublic Hu		Oity of Fiamson		0.40		<u> </u>	31 /6	0 70	1 /0	0 /6	1 /0	0 76	O	0.002	'	0.505	23000	ч
253)Port Republic Rd		City of Harrison	nbura	0.85	I-81 <b>22000</b>	G	97%	0%	1%	0%	1%	0%	F	0.085	F	0.542	24000	G
253 Full Republic Nu		City of Hamson	ilbuig				31 /0	0 /0	1 /0	U /o	1 /0	0 /0	-	0.003	'	0.542	24000	G
Dort Donublic Dd		City of Llawin	nh. wa		ach Grove A		070/	00/	10/	00/	10/	00/	F	0.005		0.500	10000	
253 Port Republic Rd		City of Harrison	nburg	0.48	11000 L Harrisonb	G	97%	0%	1%	0%	1%	0%	г	0.085	F	0.532	12000	G
				EC.	L 11a11180110	urg												

					Oity Oi i	larrison	ourg								
Route	Length AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Harrisonburg	From:				NCL F	Iarrisonbu	ro			ı					
F238) Buffalo Dr	1200	R			NCLI	umsonou	· 6			NA			NA		02/28/201
	Too				De	ad End									
O Vine O	From:		0.40/	40/		1arket St	00/	00/	0	0.000	_	0.570	7400		0000
1 Vine St	6900 <sub>To:</sub>	G	94%	1%	1%	3% Main St	2%	0%	С	0.093	F	0.572	7400	G	2020
	From:					aul St									
3 Eastover Dr	1200	G	100%	0%	0%	0%	0%	0%	С	0.128	F	0.954	1200	G	2020
	To:				Res	ervoir St									
<u> </u>	From:				115-4115									_	
E. Washington St	3000	G	94%	2%	3%	0%	1%	0%	F	0.112	F	0.522	3200	G	2020
F. Washinston Ot	From		0.40/	00/		Main St	40/	00/		0.100		0.500	0.400		0000
E. Washington St	3200 <sub>To:</sub>	G	94%	2%	3%	0% 7ine St	1%	0%	С	0.100	F	0.523	3400	G	2020
	From:					SR 42									
5 Acorn Dr	3400	G	97%	1%	1%	1%	1%	0%	С	0.094	F	0.636	3600	G	2020
<u> </u>	To:				Mt C	linton Pike	)								
	Prom					linton Pike									
6 Park Rd	1700	G	98%	0%	1%	0%	0%	0%	С	0.104	F	0.573	1800	G	2020
	To: From:					ank Dr	•	•			_		15.5		
6 Park Rd	1400 <sub>To:</sub>	G	98%	0%	1%	0%	0%	0%	F	0.105	F	0.525	1500	G	2020
	From					mony Dr									
7 Harmony Dr	1100	G	98%	0%	1%	ark Rd 0%	0%	0%	С	0.106	F	0.580	1100	G	2020
<i></i>	To:					SR 42	• , ,	• , ,			-				
	From:				WCL I	Harrisonbu	rg								
Mosby Rd	4500	G	97%	0%	0%	0%	2%	0%	С	0.099	F	0.51	4800	G	2020
	To: From:				M	osby Ct									
Mosby Rd	5000	G	97%	0%	0%	0%	2%	0%	F	0.094	F	0.510	5300	G	2020
	To					Iain St									
Pleasant Hill Rd	3500	G	98%	0%	1%	Pear St 0%	0%	0%	С	0.093	F	0.602	3700	G	2020
Pleasant Hill Rd	To:		30 /0	0 70		S Main S		0 70		0.000	'	0.002	3700	ч	2020
O 0 1 D 1	From:		0==/	221		easant Hil		221			_	0.504	4=000	_	
Stone Spring Rd	16000	G	97%	0%	1%	1%	1%	0%	С	0.093	F	0.534	17000	G	2020
Otens Ossisa Dd	Too From:		070/	00/		lewood R		00/	_	0.004		0.500	10000		0000
Stone Spring Rd	15000	G	97%	0%	1% ECL H	1% Iarrisonbu	1%	0%	F	0.094	F	0.533	16000	G	2020
	From:					ant Hill Re									
(4103) Central Ave	1100	G	97%	0%	2%	0%	0%	0%	С	0.109	F	0.624	1200	G	2020
	To:					aron St				_					
(4103) Central Ave	640 From:	G	97%	1%	1%	0%	0%	0%	С	0.109	F	0.682	680	G	2020
$\cup$	To				Mar	yland Ave									
O 0	From:					High St	•								
South Ave	4000 <sub>To:</sub>	G	98%	1%	1%	0%	0%	0%	С	0.094	F	0.54	4300	G	2020
	From					Main St									
Maryland Ave	7400	G	97%	0%	1%	2 High St 0%	1%	0%	F	0.087	F	0.551	7900	G	2020
-100	To:		/ -			Iain St	. , ,	2,0							
	From:				SR 253 Pc	ort Republ	ic Rd								
Ramp to I-81 N at Exit 2		Α								0.123	Α		3700	Α	2020
	To:				I-8	1 North									
O Pomo	From:				SR 253 Pc	ort Republ	ic Rd			0.100			4000		2000
A <sub>105</sub> Ramp	3800 To:	F			1-8	1 South				0.103	F		4000	F	2020
					1-0										

12

				(	City of Harriso	nburg								
Route	Length AADT	QA	4Tire	Bus	T			QC	K	QK	Dir	AAWDT	QW	Year
City of Harrisonburg		_			2Axle 3+Axl	e 11rail	21raıl		Factor		Factor			
	From		2=-/	221	SR 42 S High		221			_				2222
Cantrell Ave	7400	G	97%	0%	1% 1%	1%	0%	С	0.093	F	0.566	7900	G	2020
Cantrell Ave	13000	G	97%	0%	US 11 S Main 1% 1%	St 1%	0%	F	0.105	F	0.603	14000	G	2020
4108)	Ta				Reservoir S			-						
4 <sub>106</sub> Cantrell Ave	5700	G	97%	0%	1% 1%	1%	0%	F	0.096	F	0.707	6100	G	2020
	To				US 33 E Marke	et St								
Doggraphy Ct	From:		99%	00/	SCL Harrisonb		00/	F	0.085	F	0.565	17000	G	2020
Reservoir St	16000	G	9976	0%	1% 0%	0%	0%	Г	0.065	Г	0.565	17000	G	2020
Reservoir St	18000	G	99%	0%	University Bl	vd 0%	0%	F	0.093	F	0.572	19000	G	2020
*107) ************************************	To				Cantrell Ave									
Reservoir St	7400	G	99%	0%	1% 0%	0%	0%	С	0.091	F	0.513	7900	G	2020
	Too From:				US 33 E Marke	et St								
Sterling St	1300 From	G	95%	1%	1% 1%	2%	0%	F	0.111	F	0.52	1400	G	2020
	To:				Gay St									
Gay St	1800	G	95%	1%	Sterling St 1% 1%	2%	0%	F	0.116	F	0.63	2000	G	2020
	To				Mason St									
Gay St	3400 From	G							0.100	F	0.532	3700	G	2020
_	T <sub>O</sub>				US 11 Main St	NB								
Gay St	4600	G	95%	1%	1% 1%	2%	0%	С	0.105	F	0.518	4900	G	2020
$\stackrel{\smile}{\sim}$	To:				42 Virginia Ave;	_								
Gay St	2200 <sub>та</sub>	G	95%	1%	1% 1%	2%	0%	F	0.106	F	0.669	2400	G	2020
	From				Chicago Ave Gay St	e								
Chicago Ave	3000	G	98%	0%	1% 0%	0%	0%	С	0.113	F	0.515	3200	G	2020
$\stackrel{\smile}{\sim}$	To:				Waterman D	r								
Chicago Ave	4400	G	98%	0%	1% 0%	0%	0%	F	0.108	F	0.523	4700	G	2020
	From				Mt Clinton Pi									
Paul St	2800	G	99%	1%	Eastover Di	0%	0%	F	0.113	F	0.524	3000	G	2020
	Tα				Cantrell Ave									
Paul St	880 From	G	99%	1%	0% 0%	0%	0%	С	0.113	F	0.524	940	G	2020
	To:				Mason St				<u> </u>					
Paul St	540	G	99%	1%	0% 0%	0%	0%	F	0.134	F	0.736	580	G	2020
	То				Main St									
Grace St	3900	G	94%	0%	High St 5% 0%	0%	0%	С	0.114	F	0.747	4100	G	2020
Grace St	3300 To		34 /0	0 /6		0 /0	0 /6		U.114	'	0.747	4100	ч	2020
Grace St	3400	G	94%	0%	Main St 5% 0%	0%	0%	F	0.118	F	0.739	3600	G	2020
4103)	To				Mason St									
Mason St	3100	G	99%	0%	Grace St 0%	0%	0%	F	0.104	F	0.592	3300	G	2020
Mason St	3100	G	33 /6	0 70			0 /6		0.104	'	0.552	3300	ч	2020
Mason St	3200	G	99%	0%	Cantrell Ave	0%	0%	С	0.086	F	0.671	3400	G	2020
103)	To				Paul St	• , ,	* / *						<u>.</u>	
Mason St	3500 From	G	99%	0%	0% 0%	0%	0%	F	0.087	F	0.606	3700	G	2020
	To:				Market St				_					
Mason St	5900	G	99%	0%	0% 0%	0%	0%	F	0.089	F	0.520	6300	G	2020
4109) Wason St	To				Main St									
4109) Wason St														
4110) Wolfe St	From. <b>1800</b>	G	99%	0%	SR 42 N High 0% 0%	St 0%	0%	С	0.106	F	0.579	1900	G	2020

					City of H	arrisont	ourg								
Route	Length AADT	QA	4Tire	Bus		Tru 3+Axle		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Harrisonburg	From:	1				1 . 0				-					
(4110) Wolfe St	2200	G	98%	1%	1%	berty St 0%	0%	0%	F	0.107	F	0.564	2400	G	2020
	То				N N	Main St									
(4110) Wolfe St	820	G	98%	1%	1%	0%	0%	0%	С	0.119	F	0.584	880	G	2020
	To: From:					urnace Rd olfe St	l								
(4110) Old Furnace Rd	3100	G	98%	1%	1%	0%	0%	0%	F	0.102	F	0.657	3300	G	2020
	Too From:				Vi	ine St									
(4110) Old Furnace Rd	2200	G	96%	1%	2%	0%	0%	0%	С	0.109	F	0.563	2400	G	2020
	To:					arrisonbur									
(4113) Country Club Rd	From: <b>8400</b>	G	97%	0%	US 33 E,	E Market	t St 1%	0%	С	0.101	F	0.536	8900	G	2020
(4113) Country Club Rd	0-100 Tol		31 /6	0 70			1 /0	0 70		— <u>1</u>		0.550	0300	u	2020
(4113) Country Club Dr	9200	G	97%	0%	1%	da Lane 1%	1%	0%	F	0.092	F	0.556	9800	G	2020
,	To				US 33 W,										
<u> </u>	From:				No	oll Dr									
4114 Kratzer Ave	2200 <sub>то</sub>	G			NI I :	harty Ct				0.132	F	0.761	2400	G	2020
	From					oll Dr									
(4115) Liberty St	2300	G	90%	1%	2%	3%	4%	0%	F	0.094	F	0.614	2500	G	2020
	Tor From:				Krat	zer Ave				_					
(4115) Liberty St	4900	G	90%	1%	2%	3%	4%	0%	F	0.096	F	0.505	5200	G	2020
0	To From:					om Rd				$\neg$ —					
4115 Liberty St	3900	G	90%	1%	2%	3%	4%	0%	F	0.091	F	0.541	4100	G	2020
O Libraria OL	From		000/	40/		arles St	40/	00/	0			0.557	0000		0000
4115 Liberty St	3000 <sub>To</sub>	G	90%	1%	2% NCL H	3% arrisonbu	4% ro	0%	С	0.098	F	0.557	3200	G	2020
	From:					Iain St	ъ.								
(4116) Pike Church Rd	1500	G	88%	1%	1%	1%	9%	0%	С	0.103	F	0.542	1600	G	2020
	To:				WCL H	arrisonbu	rg								
(4117) Pear St	From: 1500	G	99%	1%	0%	sby Rd 0%	0%	0%	С	0.099	F	0.532	1600	G	2020
4117) 1 641 31	To:	<u> </u>	33 /6	1 /0		nt Hill Rd		0 /6		0.033	•	0.552	1000	ч	2020
	From:				WCL H	arrisonbu	rg								
(4118) Erickson Ave	9800	G	96%	1%	1%	1%	1%	0%	С	0.098	F	0.564	10000	G	2020
	To:					High St									
(4119) Garbers Church Rd	2600	N	96%	1%	SCL Ha	arrisonbur 1%	1%	0%	N	0.108	F	0.598	2700	N	2020
Garbers Church Rd	<b>2000</b>		JO 76	1 /0			1 /0	0 70				0.550	2700	11	2020
(4119) Garbers Church Rd	From: <b>5000</b>	G	96%	2%	1%	son Ave	0%	0%	С	0.109	F	0.676	5400	G	2020
	To					Market S									
(4119) Switchboard Rd	2500 From	G	98%	0%	1%	1%	0%	0%	С	0.106	F	0.522	2700	G	2020
	To:			1	NCL Harris		2-910								
Motorman Dr	From:	G	049/	10/		Iarket St	00/	00/		0.000	г	0.500	0500	-	2000
Waterman Dr	3300 <sub>To</sub>	G	94%	1%	1% Chic	1% ago Ave	3%	0%	С	0.096	F	0.502	3500	G	2020
	From:					arrisonbu	rg								
(4121) Mt Clinton Pike	4800	G	94%	1%	1%	1%	3%	0%	F	0.103	F	0.603	5200	G	2020
	To: From:				Colle	ege Ave									
Mt Clinton Pike	5400	G	94%	1%	1%	1%	3%	0%	F	0.1	F	0.6	5800	G	2020
O 14: 0"	To: From:		0561	0.51		ago Ave	061	001			_	0.500	7500		0000
Mt Clinton Pike	7000	G	95%	0%	1%	1% 'irginia A	2%	0%	С	0.094	F	0.528	7500	G	2020
	From:					inia Ave	ve								
(4121) Mt Clinton Pike	6500	G	94%	1%	1%	1%	3%	0%	F	0.089	F	0.538	6900	G	2020
	To:					Aain St									

					City of I	Harrisonb	ourg								
Route	Length AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Harrisonburg	From:				* **					-					
Edom Rd	2500 <sub>To:</sub>	G	97%	1%	1%	0%	1%	0%	F	0.101	F	0.651	2600	G	2020
	From:					Liberty St									
Bruce St	1800	G	97%	1%	1%	High St 0%	1%	0%	С	0.099	F	0.786	1900	G	2020
Bruce St	1400	G	98%	0%	2%	iberty St 0%	0%	0%	С	0.119	F		1500	G	2020
	To:					Aason St									
Keezletown Rd	1300 To:	G	98%	1%	1%	0%	0%	0%	С	0.102	F	0.744	1300	G	2020
	From:					Harrisonbu									
Greendale Rd	2600	G	92%	1%	1%	nt Valley F	0%	0%	С	0.097	F	0.557	2800	G	2020
	To:					Harrisonbu									
	From:				SCL I	Harrisonbur	rg								
Pleasant Valley Rd	4200	G	85%	1%	2%	4%	8%	0%	F	0.094	F	0.53	4400	G	2020
	To: From:					O Greendale eendale Rd	e Rd								
Pleasant Valley Rd	<b>5300</b>	G	85%	1%	2%	4% Main St	8%	0%	С	0.096	F	0.560	5600	G	2020
	Prom:			]	Hartman I	Dr on Nortl	h End								
2nd St	170	G								0.116	F	0.68	180	G	2020
	To:				Willow S	St on South	End								
A.I	From:				(	Clay St						0.007	100		0000
Alleghany Ave	100	G			Cto	r Crest Dr				0.133	F	0.697	100	G	2020
	From:					r Crest Dr									
Blue Ridge Rd	4300	G			Star	r Crest Dr				0.100	F	0.543	4600	G	2020
	To:				Coun	ntry Club D	r								
	From:				Mon	nument Ave	)								
Bluestone St	100	G								0.145	F	0.558	110	G	2020
	To:				F	Fry Ave									
Dun ad Maria Du	From:	<u> </u>			Star	r Crest Dr					_	0.000	000	0	0000
Broad View Dr	340 <sub>To:</sub>	G			Ç,	arrow Ct				0.115	F	0.689	360	G	2020
	From:														
Campbell St	160	G			IN.	Mason St				0.138	F	0.606	170	G	2020
	To:					Ott St									
	From				Re	servoir St									
Carlton St	3900	G								0.099	F	0.569	4200	G	2020
	To					Iarket St									
Cedar St	From:				S. Do	ogwood Dr	r			0.182	Е	0 624	100	G	2020
Ceual Si	90 To:	G			VX	Vest Ave				0.182	F	0.634	100	G	2020
	From:					Liberty St									
Charles St	1600	G			1 1	moerty of				0.091	F	0.510	1700	G	2020
	To:				N	Main St									
	From:				Cot	untry Club									
Clay St	490	G								0.114	F	0.712	520	G	2020
	To:					adview Dr									
Clinton St	From: <b>260</b>	G			Jef	fferson St				0.124	F	0.655	280	G	2020
Ollinton St	<b>200</b>	G			N	Main St				0.124	1	0.000	200	G	2020
	From:					chard Lane									
					OIC.	u Lanc				0.100	_	0.6	580	G	2020
Crawford St	540	G								0.109	F	0.0	300	G	2020

					Truck		K		Dir			
Route	Length AADT	QA 4	Γire	Bus	2Axle 3+Axle 1Trail	QC	Factor	QK	Factor	AAWDT	QW	Yea
v of Harrisonburg	From:				Monument Ave							
Crawford St	410	G					0.145	F	0.568	430	G	2020
	To				Orchard Lane							
D 1 0:	From:				Hillandale Ave			_	0.500	40	_	000
Dale Cir	40	G			Hillandale Ave		0.155	F	0.563	40	G	202
	From:											
Elmwood Dr	170	G			Maryland Ave		0.157	F	0.606	190	G	202
	To:				New York Ave							
	From:				N. Dogwood Dr							
Green St	110	G					0.163	F	0.511	110	G	202
	To				Willlow St							
Hartman Dr	From: <b>200</b>	G			W. Gay St		0.095	F	0.776	210	G	202
Hallilali Di	<b>200</b>	<u> </u>			Second St		0.095	Г	0.776	210	G	202
	From:				E Rock St							
Hill Street	650	G			2 Rook St		0.112	F	0.622	650	G	202
	To:				E Gay St							
	From				S. Dogwood Dr							
Hillandale Ave	550	G					0.155	F	0.59	590	G	202
	Tor				S. High St.							
Hillcrest Dr	From: <b>160</b>	G			Fairview Ave		0.137	F	0.621	170	G	202
Hillcrest Di	To:	G			Maplehurst Ave		0.137	Г	0.621	170	G	202
	From:				Dead End							
Hillside Ave	290	G			Dead End		0.219	F	0.714	310	G	202
	Te				Monument Ave							
	From:				Moore St							
Holly Hill Dr	110	G					0.156	F	0.533	120	G	202
	To:				N Main St							
Manumant Ava	From:				Valley St		0.167	_	0.616	700	G	200
Monument Ave	670	G			Bluestone St		0.167	F	0.616	720	G	202
	From:				Dead End							
Moore St	50	G			Dead End		0.149	F	0.7	60	G	202
	Te				Holly Hill Dr							
	From				N. Main St							
Newman Ave	610	G					0.137	F	0.614	650	G	202
	Tor				Federal St							
C. Dogwood Dr	From:	G			South Ave		0.134	F	0.600	1100	0	200
S. Dogwood Dr	1000	G			Ridge Rd		0.134	Г	0.603	1100	G	202
	From				S. Dogwood Dr		_					
South Ave	690	G			3. Dogwood Di		0.138	F	0.532	730	G	202
	To:				Sharps Dr							
	From:				N. Blue Ridge Rd							
Spottswood Dr	100	G					0.112	F	0.643	100	G	202
	To				N. Carlton St							
0. 0 . 5	From:				Blue Ridge Rd		0 : 5 =	_	0 = :=			
Star Crest Dr	330 <sub>т.</sub>	G			Allaghar A		0.103	F	0.547	350	G	202
					Alleghany Ave		1					
Statton Rd	From: <b>40</b>	G			Wolfe St		0.157	F	0.571	40	G	202
Station Flu	40 To:	<u> </u>			W Gay St		0.137		0.071	40	u	202
	From:				Jefferson St							
Sutter St	210	G			veneroon ot		0.107	F	0.5	220	G	202
	To				Dead End							

Length	AADT	QA	4Tire	Bus	Truck 2Axle 3+Axle 1Trail 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
					Fry Ave			_			_	
		G					0.168	F	0.52	130	G	2020
	To:				Monument Ave .							
	From:				S. Mason St							
	140	G					0.136	F	0.51	150	G	2020
	To:				Ott St							
	From:				Brook Ave							
	280	G					0.121	F	0.734	290	G	2020
	To:				Academy St							
	From:				Grace St							
	270	G					0.105	F	0.58	290	G	2020
	To				Dead End							
	From:		·		W Gay St				<u> </u>			
	560	G			W Gay Br		0.12	F	0.527	600	G	2020
	To				Second St							
	From:											
	10	G			Dead Liid		0 167	F	0.667	20	G	2020
	To	Ť			N Main St		<u> </u>		0.007	_0	J	_520
	Length	120 To From: 140 To 280 To From: 270 To	120 G To  From:  140 G To  From:  280 G To  From:  270 G To  From:  560 G To  From:  F	From:  120 G  To  From:  140 G  To  From:  280 G  To  From:  270 G  To  From:  560 G  To  From:  Fro	120 G To  From:  140 G To  From:  280 G To  From:  270 G To  From:  560 G To  From:  F	Prom:   From:   From:   S. Mason St	From   From   S. Mason St	Prom	Company   Comp	Company   Comp	Prom	AAD     AAD     AAD     AAD     AAD     AAD     AAD     AAD   AAD     AAD