2018

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

where available

Special Locality Report 128

City of Roanoke

Information in this report is included in Report

80

(Roanoke 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.

1 Trail 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	

- Frontage Road (F precedes frontage route number)
- (600) Secondary Route

Special Routes

Bus	Bus - Business Route
29	Bypas - Bypass Route
\bigcirc	Truck - Truck Route
ALT	ALT - Alternate Route
(220)	Wye - Wye Route connector
(220)	,,

Virginia State Route

- 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.

Route															
noule	luriodiction	Longth AADT	QA	4Tire	Buo		Tru	ck		QC	K	OK	Dir	Λ Λ \Λ / D.Τ	OW/
	Jurisdiction	Length AADT	QA	41116	Dus		3+Axle			QU	Factor	QK	Factor	AAWDT	QVV
	From:	ECL Salem													
11 Brandon Ave	City of Roanoke	1.35 19000	F	98%	0%	1%	0%	0%	0%	F	0.094	F	0.633	21000	F
\bigcirc	To	Edgewood St; Mud I	ick Rd												
11 Brandon Ave	City of Roanoke	1.03 12000	F	98%	0%	1%	0%	0%	0%	F	0.084	F	0.582	13000	F
(11) Brandon / No	To:	Grandin Rd	•	0070	0 70		0 70	070	0 70	•	0.001	•	0.002	10000	•
	From:	Brandon Ave	:												
11 Grandin Rd	City of Roanoke	0.70 6900	F	98%	0%	1%	0%	0%	0%	F	0.089	F	0.59	7700	F
\bigcirc	To:	Memorial Aven	ue												
~~~	From:	Grandin Rd													
(11) Memorial Avenue	City of Roanoke	0.84 <b>12000</b>	Α	98%	0%	1%	0%	0%	0%	С	0.113	Α	0.599	13000	Α
$\stackrel{\smile}{\smile}$	To:	Campbell Ave	2												
Canada all Ava	City of Doorsky	13th St		000/	00/	10/	00/	00/	00/	F	0.100	F	0.001	F000	_
(11) Campbell Ave	City of Roanoke	0.53 <b>4700</b>	F	98%	0%	1%	0%	0%	0%	F	0.102	F	0.601	5200	F
	To: From:	7th St													
Campbell Ave	City of Roanoke	0.47 <b>5300</b>	F	98%	0%	1%	0%	0%	0%	F	0.091	F	0.522	5800	F
$\bigcirc$	Too	3rd St													
11 Campbell Ave	City of Roanoke	0.28 7700	G	98%	0%	1%	0%	0%	0%	F	0.085	F	0.729	8600	G
(11) Gampson 7.10	City of Floarience			0070	0 70		0 70	070	0 70	•	0.000	•	0.720	0000	<u> </u>
~~~	From:	US 221 Jefferson										_			
(11) Campbell Ave	City of Roanoke	0.16 7700	N	98%	0%	1%	0%	0%	0%	N	0.085	F	0.729	8600	N
~	From:	Williamson Ro Campbell Ave													
(11) (221) (116) Williamson Rd	City of Roanoke	0.15 22000	G	98%	0%	1%	0%	0%	0%	F	0.088	F	0.514	25000	G
(11) (221) (116) Williamson Rd	Oity of Floatione			30 70	0 70	1 /0	0 70	0 70	0 70		0.000	'	0.514	23000	a
~~~	To: From:	Shenandoah A				J_						_			
(11) (221) (116) Williamson Rd	City of Roanoke	0.15 <b>16000</b>	G	98%	0%	1%	0%	0%	0%	F	0.092	F	0.709	18000	G
<del>**</del>	To	I-581				$\neg$ $\vdash$									
(11) (221) (116) Williamson Rd	City of Roanoke	0.50 <b>11000</b>	G	99%	0%	1%	0%	0%	0%	F	0.076	F	0.539	11000	G
	To:	LIC 460 Orongo	A ***												
11 Williamson Rd	City of Roanoke	US 460 Orange A 0.92 <b>16000</b>	F F	99%	0%	1%	0%	0%	0%	F	0.079	F	0.523	17000	F
(11) Williamson Rd	Oity of Hoarloke	0.92 10000	•	33 /6	0 70	1 /0	0 /6	0 /6	0 /6	•	0.073	'	0.525	17000	•
~~	To: From:	Liberty Rd													
(11) Williamson Rd	City of Roanoke	0.51 <b>14000</b>	G	99%	0%	1%	0%	0%	0%	F	0.082	F	0.519	15000	G
<u> </u>	To	10th St				<u> </u>									
11 Williamson Rd	City of Roanoke	1.27 <b>18000</b>	F	99%	0%	1%	0%	0%	0%	F	0.085	F	0.510	18000	F
	To														
11 Williamson Rd	City of Roanoke	SR 101 Hershberg 0.11 <b>17000</b>	er Rd <b>F</b>	99%	0%	1%	0%	00/	0%	F	0.086	F	0.542	17000	F
(11) Williamson Rd	City of Hoarloke	0.11 <b>17000</b>		33%	U%	170	U%	0%	U%	r	0.000	Г	0.542	17000	г
	To: From:	SR 118 Airport													
<u> </u>	City of Roanoke	0.39 <b>15000</b>	F	99%	0%	1%	0%	0%	0%	F	0.085	F	0.525	16000	F
(11) Williamson Rd	City of hoarloke														
(11) Williamson Rd	Tr	NCL Roanoke	e												
11 Williamson Rd	Try From:	NCL Roanoke													
	City of Roanoke  From:  City of Roanoke (Maint: 80)										0.163	F		4100	G

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

Davida	Louis attata a	1 41-	4457		4	D		Tru	ck		-00	K	OV	Dir	A A \ A \ \ D T	- 01
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	Q
ALT Allege Aug	From:		ECL Salem	_	000/	10/	10/	10/	10/	00/	_	0.000	_	0.514	10000	_
11 (460) Melrose Ave	City of Roanoke	0.65	17000	F	96%	1%	1%	1%	1%	0%	F	0.083	F	0.514	18000	F
LT	To: From:	SR 11	7 Peters Creel	k Rd												
11) (460) Melrose Ave	City of Roanoke	1.75	13000	F	96%	1%	1%	1%	1%	0%	F	0.089	F	0.502	15000	F
ALT	To: From:		24th St													
11) (460) (116) Melrose Ave	City of Roanoke	0.41	12000	F	96%	1%	1%	1%	1%	0%	F	0.080	F	0.548	13000	-
<del></del>	To	Sí	alem Turnpike	;												
LT 11) (460) (116) Orange Ave	City of Roanoke	1.00	15000	F	96%	1%	1%	1%	1%	0%	F	0.075	F	0.545	16000	
11 (460) (116) Orange Ave	Oity of Hoanoke				30 /0	1 /0	1 /0	1 /0	1 /0	0 70		0.075	•	0.545	10000	
LT ~~~	From:		ST, Gainsboro													
11 (460) (116) Orange Ave	City of Roanoke	0.90	22000	F	96%	1%	1%	1%	1%	0%	С	0.091	Α	0.512	23000	
LT ALT	To: From:	I-581, U	S 220, ALT S	R 220												
11) (460) (116) (220) Orange A	ve City of Roanoke	0.24	38000	F	96%	1%	1%	1%	1%	0%	F	0.078	F	0.642	41000	
	To:	US 1	1 Williamson	Rd												
	From:		116 Jefferson													
Elm Avenue	City of Roanoke	0.17	14000	F	97%	1%	1%	0%	1%	0%	F	0.073	F	0.562	15000	
<u> </u>	To: From:		I-581													
Elm Avenue	City of Roanoke	0.25	27000	F	97%	1%	1%	0%	1%	0%	С	0.112	F		29000	
<u> </u>	To: From:		24 Par, 6th S				— <del> </del> —				_		_			
Bullitt Avenue	City of Roanoke	0.68	12000	F	98%	1%	1%	0%	1%	0%	С	0.112	F	0.045	12000	
- Co	ombined Traffic Estimates for 2 Parallel Roadwa	•	24000 R 24 P, 13th St	F	98%	1%	1%	0%	1%	0%	С	0.087	F	0.615	26000	
	From:	SF	13th St	ι												
Jamison Ave	City of Roanoke	0.19	27000	F	98%	0%	1%	0%	1%	0%	F	0.088	F	0.628	29000	
<u> </u>	To: From:		Dale Ave Jamison Ave													
Dale Ave	City of Roanoke	0.69	24000	F	98%	0%	1%	0%	1%	0%	F	0.088	F	0.599	26000	
	То		CL Roanoke													
	From:	SR 24 I	FROM RT 58	1 S &												
Ramp	City of Roanoke (Maint: 80	•	7000	G								0.082	F		7000	
<i></i>	Tα:	US 220 FROM	I RT 2400- EI	LM ST	REET											
	From:		TO RT 581 N									0.000	_		10000	
Ramp	City of Roanoke (Maint: 80	0.08 I-581-N FROM	13000	G	DEET							0.080	F		13000	(
	Franci	1-301-IN FROM		LIVI 31	KEE I											
Jamison Ave	City of Roanoke	0.68	6th St 12000	F	98%	0%	1%	0%	1%	0%	С	0.097	F	0.544	13000	
ъ. /	ombined Traffic Estimates for 2 Parallel Roadwa			F	98%	1%	1%	0%	1%	0%	C	0.087	F	0.615	26000	i
	To	•	son Ave; Bulli								-		-			

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

						Tru	ck			K		Dir		
Route	Jurisdiction	Length AADT QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	Q۷
	From:	SR 117 Peters Creek Rd												
101)Hershberger Rd	City of Roanoke	1.34 <b>9000 G</b>	99%	0%	0%	0%	0%	0%	С	0.088	F	0.525	9800	C
<u> </u>	To	SR 116 Cove Rd			$\neg$ $\vdash$									
101)Hershberger Rd	City of Roanoke	0.58 <b>25000 F</b>	96%	2%	1%	0%	1%	0%	F	0.091	F	0.508	29000	I
	To:	I-581												
	From:	I-581 Valley View Blvd N		00/		00/	40/	00/	_	0.004	_	0.547	07000	
Hershberger Rd	City of Roanoke	1.25 <b>32000 G</b>	96%	2%	1%	0%	1%	0%	F	0.084	F	0.547	37000	(
	146	US 11 Williamson Rd												
East	From:	SR 101 TO RT 581 SOUTI	H							0.004	_		0000	
101 Ramp	City of Roanoke (Maint: 80)	0.30 <b>3600 G</b>								0.084	F		3600	(
<u> </u>	1-:	581-S FROM RT 101 EAST00- HER		ER										
East	From:	SR 101 I-581-N004B FROM & TO	O RT 58							0.444	_		1000	
101 Ramp	City of Roanoke (Maint: 80)	0.18 <b>1200 G</b>								0.111	F		1200	(
<u> </u>	14 I-:	581-N FROM RT 101 EAST00- HER		∃R										
West	From:	SR 101 I-581-S004A FR & TO R	TE 581							0.440	_		7000	
101 Ramp	City of Roanoke (Maint: 80)	0.18 <b>7300 G</b>								0.113	F		7300	(
	14 I-;	581-S FROM RT 101 WEST00- HER	SHBERGI	∃R										
<u>Vest</u>	From:	SR 101 Hershberger Rd							_		_			
101 Ramp	City of Roanoke (Maint: 80)	0.27 <b>6500 G</b>	98%	0%	0%	0%	1%	0%	С	0.111	F		6500	•
	146	I-581 North												
Lieura Del	From:	Orange Ave	000/	40/		00/	00/	00/	_	0.000	_	0.504	7400	
115 Hollins Rd	City of Roanoke	1.02 <b>6700 F</b>	92%	1%	2%	2%	3%	0%	С	0.093	F	0.531	7100	
	From:	Liberty St Hollins Rd			-									
115)Liberty Rd	City of Roanoke	0.30 <b>4300 F</b>	92%	1%	2%	2%	3%	0%	F	0.107	F	0.581	4600	
,	To:	Plantation Rd												
	From:	Liberty Rd												
115)Plantation Rd	City of Roanoke	0.88 <b>8700 F</b>	97%	1%	1%	1%	1%	0%	С	0.09	F	0.564	9300	
$\smile$	To: From:	Hollins Rd			$\neg$ $\vdash$									
115)Plantation Rd	City of Roanoke	0.66 <b>15000 F</b>	97%	1%	1%	1%	1%	0%	С	0.096	F	0.528	16000	
$\smile$	To:	NCL Roanoke												
	From:	SCL Roanoke												
116)Mt Pleasant Blvd	City of Roanoke	0.70 <b>6700 F</b>	98%	0%	1%	0%	0%	0%	F	0.113	F	0.905	7200	
$\mathcal{L}$	To:	Riverland Rd												
	From:	Mt Pleasant Blvd	000/	00/		00/	00/	00/	_		_	0.705	10000	
Riverland Rd	City of Roanoke	0.62 <b>9400 F</b>	98%	0%	1%	0%	0%	0%	С	0.096	F	0.705	10000	
	To: From:	9th St												
116)Riverland Rd	City of Roanoke	0.73 <b>7800 F</b>	98%	0%	1%	0%	0%	0%	F	0.101	F	0.701	8300	I
$\smile$	Тог	Piedmont St		-										
Diadment Ct	City of Donalis	Riverland Rd	000/	00/	10/	00/	00/	00/	_	0.110	_	0.600	4000	
116)Piedmont St	City of Roanoke	0.07 <b>4300 F</b>	98%	0%	1%	0%	0%	0%	F	0.110	F	0.699	4600	- 1

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

		City of Roanoke				Tru	ıck			K		Dir		
Route	Jurisdiction	Length AADT QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	Q
	From:	Piedmont St			ZAXIC	OTANIC	TTTAII	ZIIali		1 actor		1 40101		
116) Walnut Ave	City of Roanoke	0.26 <b>6600 F</b>	98%	0%	1%	0%	0%	0%	С	0.102	F	0.644	7100	-
1.99	To:	Jefferson St												
	From:	Walnut Ave												
116 Jefferson St	City of Roanoke	0.42 <b>10000 G</b>	98%	0%	1%	0%	0%	0%	F	0.09	F	0.599	11000	
<u> </u>	To:	Elm Ave	G											
Franklin Pd	City of Roanoke	US 221; 1US 221-P; 128-8015 0.14 <b>4800 F</b>	98%	0%	1%	0%	0%	0%	F	0.117	F	0.685	5100	
116)(221) Franklin Rd	Oity of Hoarloke	US 11	30 /6	0 /6		0 /6	0 /6	0 /6	•	0.117	•	0.003	3100	
	From:	Campbell Ave												
16) (11) (221) Williamson Rd	City of Roanoke	0.15 <b>22000 G</b>	98%	0%	1%	0%	0%	0%	F	0.088	F	0.514	25000	
	Ter	OI 1.1.4												
16) (11) (221) Williamson Rd	City of Roanoke	Shenandoah Ave 0.15 <b>16000 G</b>	98%	0%	1%	0%	0%	0%	F	0.092	F	0.709	18000	
16 11 221 Williamson Rd	City of Hoarloke	0.13 <b>16000 G</b>	90 /6	0 /6	1 /0	0 /6	0 /0	0 /6	'	0.032	'	0.709	10000	
	To: From:	I-581												
116) (11) (221) Williamson Rd	City of Roanoke	0.50 <b>11000 G</b>	99%	0%	1%	0%	0%	0%	F	0.076	F	0.539	11000	
	To:	US 11												
ALT ALT	City of Roanoke	US 460 0.24 <b>38000 F</b>	96%	1%	1%	1%	1%	0%	F	0.078	F	0.642	41000	
16 (460) (11) (220) Orange Ave	City of Hoarloke			1 70	1 70	1 70	1 70	0%	Г	0.076	Г	0.042	41000	
ALT	To: From:	I-581, US 220, ALT SR 22	20											
16)(460)(11) Orange Ave	City of Roanoke	0.90 <b>22000</b> F	96%	1%	1%	1%	1%	0%	С	0.091	Α	0.512	23000	
10 (400) (11)	To													
ALT	From:	10th St, Gainsboro Rd												
16)(460)(11) Orange Ave	City of Roanoke	1.00 <b>15000 F</b>	96%	1%	1%	1%	1%	0%	F	0.075	F	0.545	16000	
	To	Salem Turnpike												
ALT Malroop Ave	City of December	0.41 <b>12000 F</b>	96%	10/	10/	1%	10/	00/	F	0.080	F	0.548	13000	
16 (460) (11) Melrose Ave	City of Roanoke	0.41 <b>12000 F</b>	90%	1%	1%	170	1%	0%	Г	0.060	Г	0.548	13000	
	To: From:	Melrose Ave												
16)Lafayette Blvd	City of Roanoke	0.73 <b>7000 F</b>	98%	0%	1%	0%	0%	0%	С	0.084	F	0.575	7500	
<u> </u>	To:	Cove Rd												
Caus Dd	City of December	Lafayette Blvd	000/	00/	10/	00/	00/	00/	F	0.001	F	0.500	10000	
Cove Rd	City of Roanoke	0.72 <b>12000 F</b>	98%	0%	1%	0%	0%	0%	г	0.081	г	0.522	13000	
		SR 101 Hershberger Rd												
	From:	US 11 Brandon Ave							_		_			
Peters Creek Rd Ext	City of Roanoke	2.34 <b>18000 F</b>	96%	2%	1%	0%	1%	0%	F	0.091	F	0.539	21000	
<u> </u>	To: From	US 460 Melrose Ave												
117)Peters Creek Rd	City of Roanoke	0.46 <b>24000 F</b>	96%	2%	1%	0%	1%	0%	F	0.090	F	0.521	27000	
	To	SR 101 Hershberger Rd												
17)Peters Creek Rd	City of Roanoke	0.87 <b>16000 F</b>	96%	2%	1%	0%	1%	0%	F	0.093	F	0.541	19000	
17). 5.5.5 5.56 1.10	City of Floatione		JU /0	<b>-</b> /0	. 70	0 /0	1 /0	0 /0	•	0.000	•	0.041	10000	
	From:	Cove Rd							_		_			
Peters Creek Rd	City of Roanoke	1.37 <b>19000 F</b>	96%	2%	1%	0%	1%	0%	F	0.097	F	0.573	23000	
<u> </u>	To	I-581			$\neg$ $\vdash$									
Peters Creek Rd	City of Roanoke	0.82 <b>20000 A</b>	96%	2%	1%	0%	1%	0%	С	0.113	Α	0.51	23000	
	To:	NCL Roanoke												

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

Route	Jurisdiction	n Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K	QK	Dir Factor	AAWDT	QW
East	From:	SR 117	TO RT 581	SOUTH	[		ZAXIE	3+Axie	IIIali	ZIIali		Factor		racioi		
117)Ramp	City of Roanoke (N	,	4100	G								0.104	F		4100	G
$\overline{}$	Tα	I-581-S FROM RT	117 EAST-	PETERS	CREEK	R										
East	From:	SR 117 I-581-			RT 58											
117 Ramp	City of Roanoke (N		2100	G			_					0.124	F		2100	G
<u> </u>	10:	I-581-N FROM RT				R										
West	From:		TO RT 581		[							0.404	_		4700	_
117 Ramp	City of Roanoke (N	Maint: 80) 0.18  I-581-S FROM RT	4700	G	CDEEK D	10	_					0.104	F		4700	G
	T					KU .										
<u>West</u> 117)Ramp	City of Roanoke (N		TO RT 581	NORTH <b>G</b>	<u>l</u>							0.089	F		2700	G
117/11/2011	Tax	I-581-N FROM RT			SCREEK	R						0.003	'		2700	ч
	From:		11 Williamso		o creati											
118)Airport Rd	City of Roand		6200	F	99%	1%	0%	0%	0%	0%	F	0.103	F	0.540	6600	F
110)	To.					.,.										
118)Airport Rd	From: City of Roand		Municipal Ro 10000	<u>а</u>	99%	1%	0%	0%	0%	0%	С	0.116	Α	0.541	11000	Α
118 Airport rid	To:		NCL Roanok		33 /6	1 /0	078	0 /6	0 /6	0 /6	O	0.110	^	0.541	11000	^
	From:		SCL Roanok				<u> </u>									
220 Franklin Rd	L City of Roanoke (N		32000	F	87%	1%	1%	1%	9%	1%	F	0.083	F	0.667	34000	F
220)	Tro.	•	220; SR 419 l					.,.	- , -		-		-			•
Roy Webber Expwy	From: City of Roanoke (N		51000	F Electric	87%	1%	1%	1%	9%	1%	F	0.089	F	0.511	54000	F
220)110) 1100001 Expiri	Table	Maint: 00) 1:00			0, 70	. 70		1 70	0 70	1 70	•	0.000	•	0.011	0.000	•
220 Roy Webber Expwy	City of Roanoke (N	Maint: 80) 1.71	Wonju St <b>65000</b>	F	87%	1%	1%	1%	9%	1%		0.09	F	0.518	68000	F
220 Hoy Webber Expwy	Oity of Hoarloke (N	,			07 /6	1 /0	1 /0	1 /0	3 /0	1 /0	'	0.09	'	0.516	00000	'
~	From:		24 Elm Ave;	I-581		[01	و الماد و الماد			-1	-4!4	f 4l-:				
220 581	City of Roanoke (N	,	05000	_								es for thi			70000	_
	Combined Traffic Estimates for 2 Parallel I	Roadways on this Route:	65000	G	93%	1%	1%	1%	4%	0%	F	0.085	F	0.542	72000	G
~~~	To From:		11 Williamso	on Rd		. ==.	<u> </u>									
220 (581)	City of Roanoke (N			_								es for thi				_
~ ~	Combined Traffic Estimates for 2 Parallel I	Roadways on this Route:	74000	G	93%	1%	1%	1%	4%	0%	F	0.088	F	0.527	83000	G
~~~	To: From:		460 Orange	Ave												
220 (581)	City of Roanoke (N	•										es for thi	_			
<b>~</b> •	Combined Traffic Estimates for 2 Parallel I	Roadways on this Route:	77000	G	93%	1%	1%	1%	4%	0%	F	0.102	Α	0.633	83000	G
	To: From:	V	alley View B	lvd												
220 (581)	City of Roanoke (N	•		-	Se	ee I-581	for dire	ectional	traffic vo	olume e	stimat	es for thi	s seg	ment.		
$\sim$	Combined Traffic Estimates for 2 Parallel I	Roadways on this Route:	61000	G	93%	1%	1%	1%	4%	0%	С	0.107	В	0.51	68000	G
	To:	SR 1	01 Hershberg	ger Rd			$\neg$ $\vdash$									
220 (581)	City of Roanoke (N				Se	ee I-581	for dire	ectional	traffic vo	olume e	stimat	es for thi	s seg	ment.		
	Combined Traffic Estimates for 2 Parallel I	Roadways on this Route:	58000	Α	93%	1%	1%	1%	4%	0%	F	0.106	Α	0.517	65000	Α
	To:	SR 1	17 Peters Cre	eek Rd												

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

Desta	lende all artes	1	4407	<u> </u>	T:	D		Tru	ıck			K	01/	Dir	AAMADT	
Route	Jurisdiction		AADT			Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	G
orth	City of Roanoke (Maint: 80)	US 220 TO R 0.10	T 2400- ELM <b>6600</b>	1 STREE G	T							0.09	F		6600	
Ramp	To:		TO RT 581 N	-			_					0.09	Г		6600	
dus	From:		419 South of													
Franklin Rd	City of Roanoke (Maint: 80)	0.27	<b>22000</b>		99%	0%	1%	0%	0%	0%	С	0.087	F	0.55	23000	
Bus	To: From:	P	enarth Road													
20 Franklin Rd	City of Roanoke	1.26	16000	F 9	99%	0%	1%	0%	0%	0%	F	0.091	F	0.63	17000	
	To: From	12	8-3 Wonju St				<u> </u>									
tus 20 Franklin Rd	City of Roanoke	0.38	11000	G 9	99%	0%	1%	0%	0%	0%	F	0.091	F	0.63	12000	
~	To: From:	128-800	03 McClanaha	an St												
_{8us} 20 Franklin Rd	City of Roanoke	0.41	9500	G S	99%	0%	1%	0%	0%	0%	F	0.093	F	0.540	10000	
20)	To:	128-801	5; I-581 Unde	erpass												
LT ALT	From:	I-581, US	S 220, ALT S	R 220												
20 (460) (11) (116) Orange Ave	City of Roanoke	0.24	38000	F 9	96%	1%	1%	1%	1%	0%	F	0.078	F	0.642	41000	
LT	To: From:	US 11	Williamson	Rd												
20 460 221 Orange Ave	City of Roanoke	0.49	38000	F 9	96%	1%	1%	1%	1%	0%	F	0.076	F	0.516	41000	
LT	To: From:	SR 1	115 Hollins R	.d												
20)(460)(221)Orange Ave	City of Roanoke	1.14	41000	F 9	94%	0%	1%	1%	3%	0%	F	0.075	F	0.521	43000	
LT	To: From:		24th St													
20)(460)(221)Orange Ave	City of Roanoke	1.17	32000	F 9	94%	0%	1%	1%	3%	0%	F	0.081	F	0.516	34000	
LT	To: From:	128	-8055 King S	t												
(20) (460) (221) Orange Ave	City of Roanoke	0.38	38000	F 9	94%	0%	1%	1%	3%	0%	F	0.082	F	0.508	40000	
	To:	Roane	oke County L	ine												
	From:	W	CL Roanoke													
Brambleton Ave	City of Roanoke	1.39	13000	<b>F</b> 9	99%	0%	1%	0%	0%	0%	С	0.108	F	0.607	14000	
~ <u></u>	To: From:	O	verland Road													
Brambleton Ave	City of Roanoke	0.52	7500	F 9	99%	0%	1%	0%	0%	0%	F	0.107	F	0.562	8000	
<del>~</del>	To: From:	В	randon Ave				⊢									
21 Main St	City of Roanoke	1.19	9600	F 9	99%	0%	1%	0%	0%	0%	F	0.097	F	0.578	10000	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	To: From:		8th St													
Elm Ave	City of Roanoke	0.46	11000	G 9	98%	0%	1%	0%	0%	0%	С	0.092	F	0.665	12000	
*	To: From:		20 Franklin R													
Elm Ave	City of Roanoke	0.30	7100		98%	0%	1%	0%	0%	0%	F	0.083	F	0.583	7600	
Combined Tra	affic Estimates for 2 Parallel Roadways o	n this Route:	14000	F 9	99%	0%	1%	0%	0%	0%	F	0.097	F	0.618	15000	

Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

_					_		Tru	ıck			K		Dir		
Route	Jurisdiction	Length AADT	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	QV
	From:	SR 116 US 221 Bu		000/	00/	10/	00/	00/	00/	_	0.447	_	0.005	F.100	_
221 116 Franklin Rd	City of Roanoke	0.14 4800	F	98%	0%	1%	0%	0%	0%	F	0.117	F	0.685	5100	F
~ <u> </u>	ron:	Williamson Rd Franklin Rd													
Williamson Rd	City of Roanoke	0.14 15000	F	98%	0%	1%	0%	0%	0%	F	0.089	F	0.553	16000	F
221) ***********************************	To:	US 11 Salem Av		0070	0 70		0 /0	0 /0	0 70	•	0.000	•	0.000	10000	
	From:	Salem Ave													
221 (11) (116) Williamson Rd	City of Roanoke	0.15 22000	G	98%	0%	1%	0%	0%	0%	F	0.088	F	0.514	25000	C
	Tα	Shenandoah Ave													
221) (11) (116) Williamson Rd	City of Roanoke	0.15 16000	G G	98%	0%	1%	0%	0%	0%	F	0.092	F	0.709	18000	(
221 (11) (116) Williamson Rd	Oity of Hoarloke	0.13 10000	u	30 /6	0 /0	1 /0	0 /6	0 /6	0 /6	'	0.032	'	0.703	10000	
~ ~ ~	Te: From:	I-581													
21) (11) (116) Williamson Rd	City of Roanoke	0.50 11000	G	99%	0%	1%	0%	0%	0%	F	0.076	F	0.539	11000	C
~~~	To	US 460 S													
ALT	O'the of Decree les		_	000/	40/	40/	40/	40/	00/	_	0.070	_	0.540	44000	_
221 (460) (220) Orange Ave	City of Roanoke	0.49 38000	F	96%	1%	1%	1%	1%	0%	F	0.076	F	0.516	41000	F
ALT	To: From:	SR 115 Hollins R	Rd												
$\sim\sim$	City of Roanoke	1.14 41000	F	94%	0%	1%	1%	3%	0%	F	0.075	F	0.521	43000	F
221 (460) (220 Orange Ave	City of Hodrioke		•	J+ 70	0 70	1 /0	1 /0	0 /0	0 70		0.075	'	0.521	40000	
ALT	To: From:	24th St													
221 (460 (220) Orange Ave	City of Roanoke	1.17 32000	F	94%	0%	1%	1%	3%	0%	F	0.081	F	0.516	34000	F
	To:	128-8055 King S	34												
ALT	From:														
221 (460) (220) Orange Ave	City of Roanoke	0.38 38000	F	94%	0%	1%	1%	3%	0%	F	0.082	F	0.508	40000	F
$\rightarrow \bigcirc \bigcirc$	To:	ECL Roanoke													
	From:	US 221 Elm Ave	e												
Franklin Rd	City of Roanoke	0.40 6800	F	99%	0%	1%	0%	0%	0%	F	0.112	F	0.659	7200	F
Comb	pined Traffic Estimates for 2 Parallel Roadways	on this Route: 14000	F	99%	0%	1%	0%	0%	0%	F	0.097	F	0.618	15000	F
	To:	US 221, SR 116 Jeffer	rson St												
	From:	US 220; Bus US 220 Fra	anklin R	d											
119 Electric Rd	City of Roanoke (Maint: 80)	0.07 41000	F	99%	0%	0%	0%	0%	0%	F	0.081	F	0.551	46000	F
119)=	To:	Roanoke County L		0070	070		0,0	0 70	0 / 0	•	0.00	•	0.00	.0000	·
ALT	From:	ECL Salem													
ALT 160 (11) Melrose Ave	City of Roanoke	0.65 17000	F	96%	1%	1%	1%	1%	0%	F	0.083	F	0.514	18000	F
Melrose Ave	City of Hoarloke	0.00 17000	Г	90%	1 70	1 70	1 70	1 70	0%	Г	0.063	F	0.514	10000	ı
ALT	To: From:	SR 117 Peters Creel	k Rd												
Melrose Ave	City of Roanoke	1.75 13000	F	96%	1%	1%	1%	1%	0%	F	0.089	F	0.502	15000	F
			-	/ •	. , •		. , •	. , •	- / 0	-	2.200	-	2.30=	. 5000	
ALT	To: From:	24th St													
460 (11) (116) Melrose Ave	City of Roanoke	0.41 12000	F	96%	1%	1%	1%	1%	0%	F	0.080	F	0.548	13000	F
	To	Colom T-1													
ALT	From:	Salem Tpke													
60 (11) (116) Orange Ave	City of Roanoke	1.00 15000	F	96%	1%	1%	1%	1%	0%	F	0.075	F	0.545	16000	F
\sim \sim	To:	10th St, Gainsboro	Rd												

Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

			y or Roand					Tru	ck			K		Dir		
Route	Jurisdictio	on Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
ALT	From		St, Gainsbor							221	_					_
460 11 116 Orange A	ve City of Roar		22000	F	96%	1%	1%	1%	1%	0%	С	0.091	Α	0.512	23000	F
ALT ALT	To From		JS 220, ALT	SR 220)											
460 (11) (116) (220) Ora	nge Ave City of Roar	noke 0.24	38000	F	96%	1%	1%	1%	1%	0%	F	0.078	F	0.642	41000	F
ALT	To From	US 1	1 Williamson	n Rd												
460 (221) (220) Orange A	ve City of Roar	noke 0.49	38000	F	96%	1%	1%	1%	1%	0%	F	0.076	F	0.516	41000	F
ALT		SR	115 Hollins	Rd												
460 (221) (220) Orange A	ve City of Roar	noke 1.14	41000	F	94%	0%	1%	1%	3%	0%	F	0.075	F	0.521	43000	F
ALT	To From		24th St													
460 (221) (220) Orange A	ve City of Roar	noke 1.17	32000	F	94%	0%	1%	1%	3%	0%	F	0.081	F	0.516	34000	F
	To	12	8-8055 King	St			_									
ALT 460 (221) (220) Orange A	ve City of Roar		38000	F	94%	0%	1%	1%	3%	0%	F	0.082	F	0.508	40000	F
400)(221)(220) 613.19611	То		ECL Roanoke					.,,								
ast	From		TO RT 581													
Ramp	City of Roanoke (Maint: 80) 0.14 I-581-S FROM RT 4	3500	G OB AN	ICE AVEN	ATT T						0.105	F		3500	G
East	From		TO RT 581 1			NU										
Ramp	City of Roanoke (3100	G								0.147	F		3100	G
~	То	I-581-N FROM RT 4	60 EAST00-	ORAN	IGE AVE	NU										
Vest	From		TO RT 581		[0.004			0500	_
Ramp	City of Roanoke (Maint: 80) 0.09 I-581-S FROM RT 4	8500 60 WESTOO	G ORAN	IGE AVEI	NU						0.091	F		8500	G
/est	From	•	TO RT 581 I													
160 Ramp	City of Roanoke (12000	G								0.094	F		12000	G
<i>~</i>	То	I-581-N FROM RT 4	60 WEST00	- ORAI	NGE AVE	NU										
lorth	City of Roanoke (SR 24 Elm A Maint: 80) 0.66	ve; US 220 V 33000	Webber G	Expy 94%	1%	1%	1%	4%	0%	_	0.088	F		36000	G
220	Combined Traffic Estimates for 2 Parallel			G	94%	1%	1%	1%	4% 4%	0%	F	0.085	F	0.542	72000	G
	To		1 Williamson			1 70		1 70	170	0 70		0.000	•	0.012	72000	
orth	City of Roanoke (•	37000	G	94%	1%	1%	1%	4%	0%	E	0.086	F		41000	G
<u>581</u> (220)	Combined Traffic Estimates for 2 Parallel	•		G	94%	1%	1%	1%	4% 4%	0%	F	0.088	F	0.527	83000	G
_	To To		460 Orange			. , ,		. , ,	.,,		•	3.000		3.027		
orth	City of Roanoke (39000	G	94%	1%	1%	1%	4%	0%	E	0.108	Α		42000	c
581 (220)	Combined Traffic Estimates for 2 Parallel			G	94%	1%	1%	1%	4% 4%	0% 0%	F	0.108	A	0.633	83000	G
	To		lley View Bl		0070	. /0		. /0	. / 0	0,0	•	5.7 0 L		0.000	22000	_

Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

									Tru	ck			K		Dir		
Route	Jurisdictio	on	Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
North	From:			alley View B													_
581 (220)	City of Roanoke (I		1.11	30000	G	94%	1%	1%	1%	4%	0%	С	0.11	В		33000	G
~	Combined Traffic Estimates for 2 Parallel	Roadways	on this Route:	61000	G	93%	1%	1%	1%	4%	0%	С	0.107	В	0.51	68000	G
North	To: From:		SR 10	01 Hershberg	ger Rd												
581)(220)	City of Roanoke (I	Maint: 80)	1.75	29000	Α	94%	1%	1%	1%	4%	0%	F	0.109	Α		32000	Α
	Combined Traffic Estimates for 2 Parallel	Roadways	on this Route:	58000	Α	93%	1%	1%	1%	4%	0%	F	0.106	Α	0.517	65000	Α
	To:		SR 11	7 Peters Cre	eek Rd												
North	From:			I-581 North													
581 Ramp	City of Roanoke (I	Maint: 80)	0.18	9000	G								0.086	F		9000	G
<u> </u>	10:		US 4	60 E, Orang													
North (581) Ramp	City of Roanoke (I	Maint: 90)	0.12	I-581 North	G								0.107	F		3400	G
581 hallip	City of noarloke (i	viairit. 60)		60 W, Orang									0.107	Г		3400	G
North	From:		05 4	I-581 North													
(581) Ramp to Valley View Blv	vd City of Roanoke (I	Maint: 80)	0.15	7900	G	99%	0%	0%	0%	0%	0%	С	0.099	F		8400	G
361)	To:			alley View B													
North	From:			I-581 North	ì												
(581) Ramp	City of Roanoke (I	Maint: 80)	0.26	8100	G								0.093	F		8100	G
	To:		SR 101	E, Hershbe	erger Rd												
North	From:			I-581 North													
(581) Ramp	City of Roanoke (I	Maint: 80)	0.19	3700	G			_					0.093	F		3700	G
<u> </u>	10:		SR 101	W, Hershbe													
North	From:	Mainti 00)	0.00	I-581 North									0.111	_		F000	_
581 Ramp	City of Roanoke (I	viaint: 80)	0.28	5000 7 E, Peters C	G rook Pd								0.111	F		5000	G
NI al-	From		SK 117	I-581 North				<u> </u>									
North (581) Ramp	City of Roanoke (I	Maint: 80)	0.21	4000	G								0.107	F		4000	G
(301) · · · · · · · · · ·	To:			W, Peters C		Į							01.07	•		.000	O .
South	From:		SR 24 Elm A	ve: US 220	Webber	Expv											
581)(220)	City of Roanoke (I	Maint: 80)	0.77	32000	G	93%	1%	1%	1%	5%	0%	F	0.093	F		36000	G
	Combined Traffic Estimates for 2 Parallel	Roadways	on this Route:	65000	G	93%	1%	1%	1%	4%	0%	F	0.085	F	0.542	72000	G
	To:		US 1	11 Williamso	on Rd												
South	City of Roanoke (I	Maint: 90\	0.45	38000	G	93%	1%	1%	1%	5%	Ω9/	_	0.092	_		42000	G
581 (220)	City of Hoarloke (I Combined Traffic Estimates for 2 Parallel	,			G	93%	1%	1%	1%	5% 4%	0% 0%		0.092	F	0.527	83000	G
	Combined Hamic Estimates for 2 Parallel	noauways				3 3√₀	I 70	I 70	I 70	4 70	U 70	Г	0.008	Г	0.527	03000	G
South	To: From:		US	460 Orange	Ave												
581 (220)	City of Roanoke (I	,	1.41	39000	G	93%	1%	1%	1%	5%	0%	F	0.101	Α		41000	G
\sim	Combined Traffic Estimates for 2 Parallel	Roadways			G	93%	1%	1%	1%	4%	0%	F	0.102	Α	0.633	83000	G
	To:		Va	alley View B	Blvd												

Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

luriadiation	Longth	AADT	04	4Tiro	Duo		Tru	ck		00	K	OK	Dir	4 4 W D T	- OW
Junsaiction	Length	AADI	QA	41116	bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDI	QW
From:				000/	40/	10/	40/	5 0/	00/	•	0.400	_		05000	•
			-			. , .				_		_	0.54		G
Combined Traffic Estimates for 2 Parallel Roadway	ys on this Route:	61000	G	93%	1%	1%	1%	4%	0%	C	0.107	В	0.51	68000	G
To: From:	SR 10	1 Hershberg	ger Rd												
City of Roanoke (Maint: 80) 1.33	29000	Α	93%	1%	1%	1%	5%	0%	F	0.110	Α		32000	Α
Combined Traffic Estimates for 2 Parallel Roadway	ys on this Route:	58000	Α	93%	1%	1%	1%	4%	0%	F	0.106	Α	0.517	65000	Α
To:	N	NCL Roanok	e												
From:															
City of Roanoke (Maint: 80											0.084	F		12000	G
1α															
City of Decrete (Mainty 00											0 1 1 1	_		0000	_
City of Roanoke (Maint: 80	,			li+							0.141	г		6300	G
From				ont											
City of Boanoke (Maint: 80											0.083	F		7200	G
τα.											0.000	•			<u>.</u>
From:		I-581 South													
City of Roanoke (Maint: 80		2600	G								0.089	F		2600	G
Тα	US 46	60 W, Orang	e Ave												
From:		I-581 South													
City of Roanoke (Maint: 80) 0.20	6000	G	98%	0%	0%	0%	1%	0%	С	0.093	F		6000	G
Tα	SR 101	E, Hershber	rger Rd												
From:															_
City of Roanoke (Maint: 80											0.375	F		2300	G
100															
											0.400	_		0700	_
City of Hoanoke (Maint: 80						_					0.133	Г		2/00	G
Fromvi															
City of Boanoke (Maint: 80											0 145	F		2000	G
To:		W, Peters C		1							5.145	•		2000	G
	City of Roanoke (Maint: 80 Combined Traffic Estimates for 2 Parallel Roadway From:	City of Roanoke (Maint: 80) 1.49	City of Roanoke (Maint: 80) 1.49 32000	Valley View Blvd	City of Roanoke (Maint: 80)	City of Roanoke (Maint: 80) 1.49 32000 G 93% 1% 1% 20000 G 93% 1% 20000 G 200000 G 20000 G 200000 G 20000 G 200000 G 20000 G 200000 G 20000 G 200000 G 2000000 G 2000000 G 200000000 G 20000000000	Durisdiction Length AAD QA 4Tire Bus 2Axle	Length AADT QA 4Tire Bus 2Axle 3+Axle 3+A	Second Company Compa	Valley View Blvd City of Roanoke (Maint: 80) 1.49 32000 G 93% 1% 1% 1% 5% 0% 0% 0% 0% 0% 0% 0	Second Company Compa	Section Clegate AADT QA 4Tire Bus 2Axle 34xle 1Trail 2Trail Clegate Cleg	Length AADT QA 4Tire Bus Qax 3+Axle 1Tai 2Trail QC Factor QK	Marcial College Marcial Co	City of Roanoke (Maint: 80)

Route	Length	AADT	QA	4Tire	Bus		Trι 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke		From	ı								1					
F74) Frontage Rd	0.42	890	R			SK 10	1 Ordway	Dr			NA			NA		10/29/2015
		To				Roanok	e County I	ine								
O. 5		From				US 22	0 Franklin	Rd								
F897 Frontage Rd	0.39	1900 _{To}	R			R ₁	s US 220				NA			NA		11/19/2015
		From			HS 2		S US 220 F	ranklin Ra	1							
1 2nd St SW	0.23	5500	F	97%	1%	2%	0%	0%	0%	F	0.12	F	0.566	5900	F	2018
2nd St SW; Gainsbor	o Rahnta/	9300	F	97%	1%	Sale 2%	m Ave SW 0%	0%	0%	С	0.112	F	0.609	9900	F	2018
2 Ind St StV, Gainsbor	o nanta	To	Ė	01 70	1 /0		ige Ave NI		070				0.000	3300	•	2010
		From					ng St NE									
2 Belle Ave NE	0.84	2300	F	99%	1%	0%	0%	0%	0%	С	0.119	F	0.562	2500	F	2018
$\overline{}$		To			ECI	. Roanok	e; 80-758 C	Carson Rd								
O # 1 0		From		2221			220 Frankli					_				2212
3 Wonju St	0.18	14000	G	99%	0%	0%	0%	0%	0%	С	0.098	F	0.617	16000	G	2018
	0.40	From		000/			y Webber		00/	_			0.005	10000		0010
3 Wonju St	0.12	18000 _{To}	G	99%	0%	0%	0%	0%	0%	F	0.082	F	0.635	19000	G	2018
		From			IIC 11 T		s US 220 V	Villiance	n Dd		<u> </u>					
(4) Kimball Ave NE	0.75	7600	F	99%	0%	<u>0%</u>	0%	0%	0%	F	0.092	F	0.76	8100	F	2018
4		То					ige Ave NI		• , ,						-	
		From				US 46	0 Orange A	ve								
5 Plantation Rd NE	0.33	7100	F	99%	0%	0%	0%	0%	0%	F	0.084	F	0.549	7600	F	2018
$\overline{}$		To					hawk Ave	_								
5 Plantation Rd NE	0.82	6000	F	99%	0%	0%	wk Ave N 0%	<u>е</u> 0%	0%	F	0.089	F	0.617	6400	F	2018
5 Plantation Rd NE	0.02	То	Ė	0070	0 70		Liberty Rd		070	•	0.000	•	0.017	0400	•	2010
		From					ead End				l					
6 Wells Ave NW	0.03	150	F								0.109	F	0.526	150	F	2018
		To From				Gainsbo	orough Rd	NW								
6 Wells Ave	0.19	5700	F	95%	1%	2%	1%	1%	0%	F	0.123	F	0.654	6100	F	2018
		To From				Je	fferson St									
6 Wells Ave NE	0.19	8400	F	95%	1%	2%	1%	1%	0%	С	0.11	F	0.637	9000	F	2018
$\overline{}$		To			US 11, U	JS 221, S	R 116 Will	iamson Ro	1 NE							
O 1111 1 05		From		2221			olk Ave SI									2212
7 Wise Ave SE	0.89	6700	F	99%	0%	0%	0%	0%	0%	F	0.124	F	0.662	7200	F	2018
		From	l				ton; Walnu									
8 9th St SE	0.21	5700	F	99%	0%	0%	Riverland 0%	0%	0%	F	0.091	F	0.659	6100	F	2018
8 9th St SE	0.21	0700 To			0 70				070			•	0.000	0.00		2010
8 9th St SE	0.93	8400 From	F	99%	0%	0%	stry Ave SI 0%	0%	0%	F	0.092	F	0.569	9000	F	2018
8 9th St SE		To		-0/0	0 /0				3,0	•						
8 9th St SE	0.06	8400 From	N	99%	0%	SR 24 B	ullitt Avenu 0%	0%	0%	N	0.092	F	0.569	9000	N	2018
				/ •	- / •		Jamison Av		•							
8 9th St SE	0.18	4400 From	F	99%	0%	0%	0%	0%	0%	F	0.092	F	0.569	4700	F	2018
0		To					well Ave S		• , •			-			-	
		From			US		1 Williams									
9 Campbell Ave SE	0.59	9300	F	98%	0%	2%	0%	0%	0%	С	0.1	F	0.76	9900	F	2018
		To				Norf	olk Ave SI	3								
<u></u>		From		0.57			bell Ave S			_		_	0 ====	6.15	_	
10 Norfolk Ave SE	0.30	7800 To	F	98%	0%	1%	0%	0%	0%	С	0.118	F	0.769	8400	F	2018
		From	<u> </u>				14th St				<u> </u>					
11) Belleview Ave SE	0.61	5200	F	98%	0%		fferson St 0%	0%	0%	С	0.104	F	0.742	5500	F	2018
(11) Belieview Ave SE	5.01	5200 To		00,0	0 /0		Walnut Av		0 /0		<u> </u>	•	J.,	2300	•	_5.5

						Oity 0	n moanor	10								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle	-		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
ity of Roanoke													. 40101			
Norfolk Ave SE	0.14	410	F	98%	Market S 0%		Not Inventor		nsion 0%	С	0.203	F		440	F	2018
13) Norfolk Ave SE	0.14	410 To		90%	076	1%	mpbell Ave	0%	U76	U	0.203	г		440	Г	2010
		From	1					UUL			1					
14) Williamson Rd SE	0.56	8500	G	98%	0%	1%	efferson St 0%	0%	0%	С	0.092	F	0.637	9200	G	2018
14)	0.00	То		0070	0,0		Elm Avenu		0,0			•	0.007	0200	<u>.</u>	_0.0
$\widehat{}$		From					Elm Avenue									
14) Williamson Rd SE	0.22	9800	F	98%	0%	1%	0%	0%	0%	F	0.084	F	0.516	10000	F	2018
<u> </u>		То				US 221	Franklin Rd	l SE								
1-1-01-014	0.04	From	<u> </u>	070/			mpbell Ave		00/			_	0.507	4000	_	0046
15) 1st St SW	0.04	1100	F	97%	0%	1%	1% em Ave SW	0%	0%	F	0.09	F	0.597	1200	F	2018
		From			1		Ave NW; C									
15) 1st St NW	0.09	1100	F	97%	0%	1%	1%	0%	0%	С	0.136	F	0.947	1100	F	2018
9		To				128-6 V	Vells Ave N	IW								
		From			U	JS 221, SF	R 116 Frank	din Rd								
16) S Jefferson St	0.18	6400	G	96%	1%	3%	0%	0%	0%	С	0.097	F	0.764	6900	G	2018
\mathcal{L}		To To				US 11	Campbell A	ve			—					
16) S Jefferson St	0.05	3000 From	F	96%	1%	3%	0%	0%	0%	F	0.082	F		3200	F	2018
<u> </u>		То				128-1	7 Salem Av	re e								
		From				13	th St SW									
17) Salem Ave SW	0.34	4300	F	98%	0%	1%	0%	0%	0%	F	0.089	F	0.53	4700	F	2018
\mathcal{L}		To				Qt	h St SW									
17) Salem Ave SW	0.40	2600 From	F	98%	0%	1%	0%	0%	0%	F	0.097	F	0.612	2900	F	2018
.,,	2 U	-		/ •	- / -			- · · ·		-		-	- · - · -		-	
17) Salem Ave SW	0.30	5400	F	98%	0%	5t	h St SW 0%	0%	0%	F	0.096	F	0.581	6000	F	2018
17) Salem Ave SW Combined		13000	G	98%	0%	1%	0%	0%	0%	r F	0.084	r F	0.56	15000	G	2010
Combine	i Hailic.	13000		90 /6	0 /6	1 /0	0 /6	0 /6	0 /6	!	0.004	•	0.0	13000	G	
Colore Ave CW	0.00	From		000/	00/		nd St SW	00/	00/		0.000		0.500	4000		0010
17) Salem Ave SW	0.22	4400	F	98%	0%	1%	0%	0%	0%	F	0.093	F	0.596	4900	F	2018
^		To From					efferson St									
17) Salem Ave SW	0.15	4000	F	98%	0%	1%	0%	0%	0%	F	0.093	F	0.531	4400	F	2018
<u> </u>		То			US 11, U	JS 221, Bu	ıs 220 Will	iamson R	d SE							
<u> </u>		From					bell Ave SV									
18) 13th St SW	0.25	2500	<u></u> F	98%	0%	1%	0%	0%	0%	F	0.097	F	0.628	2700	F	2018
		То					m Ave SW									
	4.00	From	<u> </u>	0001	201		31, US 220	001	001	_		_	0.55	0.4000		00.
19 Valley View Blvd NW	1.39	23000 To	F	99%	0%	1%	0%	0%	0%	С	0.083	F	0.574	24000	F	2018
_		10					erger Rd N									
outh	n Duromite	From	<u> </u>			I-581	S, US 220	S				_		4600	_	0010
19 Ramp From Valley View	OJ#130XIVED W	1- 4300 5	G		Dome	from 1 50	31, US 220	N at Ev:	1		0.096	F		4600	G	2018
		-			капр				7		<u> </u>					
Municipal Pd	0.20	From	F	000/	10/		Aviation I		Λο/		0.007	E	0.500	5000	_	2010
20 Municipal Rd	0.28	5500 _{To}		98%	1%	1%	0% 8 Airport R	0%	0%	С	0.097	F	0.509	5800	F	2018
		From	<u> </u>								<u> </u>					
21) Towne Square Blvd NV	V 0.50	8900		99%	0%	128-23 1%	3 Aviation I 0%	0%	0%	С	0.085	F	0.570	9500	F	2018
21) Towne Square Blvd NV	v 0.55	0900 To		JJ 70	U 70		8 Airport R		U //o	U	0.085	r	0.579	9300	ı,	2010
		From			~						<u> </u>					
Rutgers St NW	0.21	8700	F	99%	0%	R 101 He	rshburger R	0%	0%	С	0.002	F	0.554	9300	F	2018
22) Rutgers St NW	0.31	8700 To		JJ 70			0% ne Square B		U 7/0	U	0.092	г	0.554	3300	Г	2016
		From			120						_					
Aviation Dr NW	0.77		F	96%	1%	Hershb 0%	erger Rd N 1%	w 2%	0%	С	0.093	F	0.531	7200	F	2018
23) Aviation Dr NW	0.77	6800 _{To}		JU 70			port Entran		U //o	U	0.093	r	0.551	1200	ı,	2010
		From						ice NU								
Colonial Ave	1 16		G	99%	10/		L Roanoke	0%	Λο/	F	0.105	F	0.520	0600	G	2010
Colonial Ave	1.16	8800 To		JJ 70	1%	0%	0%	U 7/0	0%	۲	0.105	r	0.530	9600	G	2018
		10				Per	singer Rd									

						Oity of Houric									
Route	Length	AADT	QA	4Tire	Bus	Tr 2Axle 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke															
Colonial Ave	0.81	18000	G	99%	1%	Persinger Roa 0% 0%	d 0%	0%	F	0.098	F	0.547	20000	G	2018
Golonial Ave	0.01	To	г	33 /6	1 /0	Brandon Ave		0 /6		0.030	'	0.547	20000	ч	2010
		From:				SCL Roanoke; 80				一					
8003) Yellow Mountain Rd	2.59	2500	F	99%	1%	0% 0%	0%	0%	С	0.103	F	0.780	2700	F	2018
\bigcup		To				Jefferson St				— —					
8003) McClanahan St	0.48	8500 From:	G	98%	1%	1% 0%	0%	0%	С	0.095	F	0.515	9200	G	2018
\bigcup		To:				Bus US 220 Frank	lin Rd								
		From:				ECL Roanoke	e								
Bandy Rd	0.37	1500	F	98%	0%	1% 1%	0%	0%	С	0.1	F	0.636	1600	F	2018
<u> </u>		To:	<u> </u>		1	28-8009 Garden Ci	ty Blvd.								
Onlaw Tala	4.05	From:	<u> </u>	000/	40/	WCL Roanok					_	0.504	0000	_	0040
Salem Tpke	1.35	6500	F	98%	1%	1% 0%	0%	0%	F	0.097	F	0.531	6900	F	2018
		From:				36th St				<u> </u>					
Salem Tpke	1.20	6800 To:	F	97%	1%	1% 1%	1%	0%	С	0.086	F	0.519	7200	F	2018
			<u> </u>			24th St									
Garden City Blvd	0.42	4400		97%	1%	Yellow Mtn R	d 0%	0%	F	0.089	F	0.558	4700	F	2018
Garden City Blvd	0.42	4400		31 /0	1 /0		U /0	0 /0		0.009		0.556	4700	'	2010
Garden City Blvd	1 26	5000 From:		97%	1%	Ray Rd 1% 1%	0%	0%	С	0.095	F	0.588	5200	F	2018
Garden City Blvd	1.36	To		31%	170	SR 116 Riverland		U%		0.095	r	0.588	5300	۲	2018
		From				WCL Roanok				=					
Shenandoah Ave	2.13	13000	F	96%	1%	1% 1%	1%	0%	С	0.094	F	0.54	14000	F	2018
5010) 5.16.14.1464		То			. , ,		. , ,				•	0.0		•	_0.0
Shenandoah Ave	0.77	10000		96%	1%	24th St 1% 1%	1%	0%	F	0.100	F	0.562	11000	F	2018
Shenandoan Ave	0.77	T-	<u> </u>	0070	1 /0		170			——————————————————————————————————————	•	0.002	11000	'	2010
Shenandoah Ave	0.86	9800 From:	F	96%	1%	15th St 2% 1%	1%	0%	С	0.1	F	0.597	10000	F	2018
Shenandoah Ave	0.00	3000	<u> </u>	30 /6	1 /0		1 /0	0 70			•	0.557	10000	Į.	2010
Shenandoah Ave	0.66	5600 From:		96%	1%	5th St 2% 1%	1%	0%	F	0.101	F	0.654	6000	F	2018
Shenandoan Ave	0.00	7000 To:	<u> </u>	30 /6	1 /0	Williamson R		0 /6		0.101	'	0.054	0000	'	2010
		From:				SCL Roanoke									
Ogden Rd	0.55	8000	F	98%	0%	1% 1%	0%	0%	С	0.105	F	0.656	8600	F	2018
		To:				WCL Roanok									
		From:				SCL Roanoke)								
Grandin Rd	1.11	7400	F	99%	1%	1% 0%	0%	0%	С	0.093	F	0.514	8000	F	2018
<u> </u>		To:			US	11 Grandin Rd; Bra	ındon Ave								
		From:				SR 419 Electric									
Grandin Rd	0.55	5500	F	98%	0%	1% 1%	0%	0%	F	0.103	F	0.528	5900	F	2018
		To:	:			80-924 Wynmere	e Dr			\supset —					
Grandin Rd	1.14	2600	F	99%	1%	0% 0%	0%	0%	С	0.103	F	0.53	2800	F	2018
\subseteq		To:	<u> </u>			Garst Mill Ro	l								
		From:				JS 220 Roy Webber									
Franklin Rd	0.60	12000	G	98%	0%	1% 1%	0%	0%	С	0.09	F	0.627	13000	G	2018
`		From			I	US 221 Elm Ave; JS 221 Williamson I				+-					
8015) Tazewell Ave	0.54	5100	F	98%	0%	1% 0%	0%	0%	С	0.108	F	0.744	5400	F	2018
		To				9th St				—					
Tazewell Ave	0.34	4000	F	98%	0%	1% 0%	0%	0%	F	0.120	F	0.882	4300	F	2018
		To:				13th St									
		From:			1	NCL Roanoke NCL	Salem								
Green Ridge Rd	1.23	4900	F	99%	0%	1% 0%	0%	0%	F	0.121	F	0.507	5300	F	2018
<u> </u>		To:				SR 117 Peters Cree				¬					
<u> </u>	4 40	From:	_	000/							_			_	0040
8018 Cove Rd	1.49	7600	F	99%	0%	1% 0%	0%	0%	С	0.093	F	0.527	8100	F	2018

Route Length AADT QA 4Tire Bus 2Axle 3+Axle 1Trail 2Trail QC Factor Fact	Dir Actor AAWDT	QW	Year
City of Roanoke Grandin Rd Grandin Rd (8020) Mud Lick Rd 1.43 2900 F 98% 0% 1% 0% 0% F 0.136 F 0.			
(8020) Mud Lick Rd 1.43 2900 F 98% 0% 1% 0% 0% 0% F 0.136 F 0.	659 3100		
0020)	659 3100	_	0010
		F	2018
From: Brandon Ave			
	501 6600	F	2018
To Memorial Ave			
Edgewood Ave		_	
0020)	533 5600	F	2018
To Grandin Rd			
Front Williamson Rd	007 44000	_	0010
0022)	637 11000	F	2018
To: ECL Roanoke			
Front SR 116 Riverland Rd		_	
₈₀₂₃₎ Bennington St SE 0.37 9700 F 97% 0% 1% 0% 1% 0% F 0.096 F 0.	537 10000	F	2018
Too Riverside Terrace			
(8023) Bennington St 0.54 10000 F 97% 0% 1% 0% 1% 0% F 0.094 F 0.	541 11000	F	2018
To: Carlisle Ave			
Carlisle Avenue 0.79 12000 E 0.79/ 19/ 09/ 19/ 09/ C 0.002 E 0.	557 12000	E	2010
(8023) 13th St 0.78 12000 F 97% 0% 1% 0% 1% 0% C 0.092 F 0.	557 13000	F	2018
SR 24 Jamison Ave; Bullitt Avenue			
(₈₀₂₃₎ 13th St	557 6000	F	2018
To Wise Ave			
	557 1900	F	2018
To: Norfolk Ave			
From: 14th St		_	
5525)	534 6600	F	2018
To: Hollins Rd From: Norfolk Ave			
Notion Ave	531 8600	F	2018
US 460, US 221, ALT SR 220 Orange Ave	0000	•	2010
From: SR 115 Hollins Road			
8023) Old Mountain Rd 1.75 6400 F 97% 0% 1% 0% 1% 0% F 0.099 F 0.	677 6800	F	2018
NCL Roanoke; 80-605			
From: Memorial Ave			
(8024) Mountain View Terrace 0.44 1700 F 98% 0% 1% 0% 0% 0% F 0.095 F 0.	587 1800	F	2018
Transport Bridge St			
	587 1800	N	2018
To: Chesterfield St			
From Mountain View Terrace			
	537 960	F	2018
To: Memorial Ave			
From: McClanahan St			
(8025) Jefferson St 0.43 6600 G 98% 0% 1% 0% 0% 0% F 0.090 F 0.	541 7200	G	2018
To Reserve Ave			
11000	544 15000	G	2018
To: Walnut Ave			
From 128-8029 Brandon Ave			
	502 7100	F	2018
To Colonial Ave			
Bus US 11; Salem Ave SW; 2nd St SW			
	547 5900	F	2018
Patterson Ave. 0.53 2200 E 059/ 19/ 29/ 19/ 19/ 09/ E 0.006 E 0.	645 0000	_	2010
	645 2300	F	2018
US 11 Campoen Ave			
Front Grandin Rd Grandin Rd F 000/ 00/ 19/ 00/ 00/ F 0.002 F 0.002	E07 4E000	_	0010
(000)	507 15000	F	2018
US 221 Brambleton Ave			

						, -	riounoi									
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke		From	1.				Iain St									
Brandon Ave	0.92	21000	F	99%	0%	1%	0%	0%	0%	С	0.087	F	0.544	22000	F	2018
5029)	• • • •	To					nklin Rd					•			-	
		From:	ı:			2	4th St				1					
8030) Loudon St	1.23	1500	F	96%	0%	3%	1%	0%	0%	С	0.088	F	0.549	1700	F	2018
		То				1	0th St				\neg L					
8030) Loudon St	0.43	1000 From:	F	96%	0%	3%	1%	0%	0%	F	0.093	F	0.657	1100	F	2018
<u></u>		To				- :	5th St									
		From:	ı:			De	ad End									
Maple Ave	0.36	290	F	98%	0%	1%	0%	0%	0%	С	0.115	F	0.79	310	F	2018
<u> </u>		To				SR 116	Jefferson	St								
<u> </u>		From:				Bram	bleton Ave)								
8032 Overland Rd	0.32	9400	G	98%	1%	1%	0%	0%	0%	F	0.102	F	0.534	10000	G	2018
<u> </u>		To	4			Colo	onial Ave									
O = 11 5		From:	<u> </u>				m Ave					_			_	
₈₀₃₅ 5th St	0.37	4300	F	98%	1%	1%	0%	0%	0%	С	0.108	F	0.609	4600	F	2018
<u> </u>		From					em Ave									
8035) 5th St	0.78	3200	F	98%	1%	1%	0%	0%	0%	F	0.093	F	0.517	3400	F	2018
<u> </u>		To	<u> </u>			Ora	nge Ave									
<u> </u>	<u> </u>	From:	<u> </u>			Bus US 22						_	0.07=		_	
8036 Broadway Ave	0.47	8200	, F	99%	0%	1%	0%	0%	0%	С	0.093	F	0.646	8700	F	2018
		To	<u> </u>				lanahan St									
C Floresia a Acce	0.07	From	ᆫ	000/	00/		amson Rd	00/	00/			_	0.000	4500	_	0040
8038) Fleming Ave	0.87	1400	F	99%	0%	1%	0%	0%	0%	С	0.099	F	0.628	1500	F	2018
		From:					tation Rd				<u> </u>					
8039) Bridge St	0.45	3400		99%	0%	Mountain 1%	View Ter 0%	race 0%	0%	F	0.090	F	0.588	3600	F	2018
Bridge St	0.43	3400 To		99/0	0 /0		erson Ave	0 /0	0 /6	-	0.090	'	0.566	3000	ı	2010
		From:	1:				nklin Rd									
Reserve Ave	0.37	7000	G	96%	1%	1%	1%	1%	0%	F	0.102	F	0.609	7600	G	2018
Reserve Ave	0.07	То			- ,,,,		erson St	. , 0	0,0	-		•	0.000	. 000	<u>.</u>	_0.0
		From:					Campbell A	we								
8041) 10th St	0.07	6000	G	96%	1%	1%	1%	1%	0%	F	0.087	F	0.6	6500	G	2018
0041)		To														
8041) 10th St	0.12	6000 From:	G	96%	1%	1%	Patterson 1%	1%	0%	F	0.081	F	0.524	6500	G	2018
8041) 10111 01	0.12	-	<u> </u>		1 70				0 70		0.001	•	0.024	0000	u	2010
8041) 10th St	0.75	8200 From:		96%	1%	128-17 S 1%	alem Ave 1%	<u>sw</u> 1%	0%	F	0.082	F	0.536	8900	G	2018
8041) 1011 31	0.75	0200	G	3 0 70	1 70				U %	r	0.062	r	0.556	0900	G	2010
104 04	0.04	From	<u></u>	000/	10/		Orange A		00/		0.005		0.500	10000		0040
8041 10th St	0.84	9600	G	96%	1%	1%	1%	1%	0%	F	0.095	F	0.526	10000	G	2018
		To: From:					Overpass									
8041) 10th St	0.56	8100	G	96%	1%	1%	1%	1%	0%	F	0.094	F	0.504	8800	G	2018
<u> </u>		To:	<u>—</u>				amson Rd				<u> </u>					
O Dutumb D !	0.53	From		000′		SR 116 M			00/	^	0.007	_	0.540	4.400		001
8042) Rutrough Rd	0.57	1400 To	, F	96%	0%	1%	2% Roanoke	1%	0%	С	0.097	F	0.548	1400	F	2018
			<u></u>													
8045) Boulevard St	0.16	7700	F	96%	1%	Patte 1%	rson Ave 1%	1%	0%	F	0.091	F	0.529	8200	F	2018
Boulevard St	0.10	1100		3 0 70	1 70			1 70	U %	Г	0.081	r	0.328	0200	1,	2010
O Paralara 101	2.25	From	<u></u>	000/	401		em Ave	467	061				0.500	10000		0010
Boulevard St	0.25	9500	F	96%	1%	1%	1%	1%	0%	F	0.089	F	0.506	10000	F	2018
		To: From:					ker Ave									
8045) 24th St	0.41	9700	F	96%	1%	1%	1%	1%	0%	F	0.088	F	0.513	10000	F	2018
<u> </u>		To:	1			Mel	rose Ave									
<u> </u>		From:					nington St		•							
							_	_								
(8048) Riverdale Rd	0.78	1400 To:	F	97%	0%	2%	0% Roanoke	0%	0%	С	0.102	F	0.583	1500	F	2018

						Oity C	noano	NC								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle	_		QC	K Factor	QK	Dir Factor	AAWDT	QW	Yea
tv of Roanoke		From														
Gus Nicks Blvd	0.70	16000	F	96%	1%	1%	ange Ave 1%	1%	0%	С	0.083	F	0.644	17000	F	2018
050) Gus Nicks Blvd	0.70	To	ė	30 70	1 /0		Roanoke	1 /0	0 70		0.000	•	0.044	17000	'	2010
		From:					Ave; US 4	160			i					
Burwell St	0.35	5900	G	96%	1%	1%	1%	1%	0%	F	0.096	F	0.613	6500	G	2018
		To:					berty Rd									
C Library Dd	0.74	From:	<u> </u>	000/	40/		urrell St	00/	00/			_	0.504	F 400	_	004
053 Liberty Rd	0.74	5000	G	98%	1%	1%	0%	0%	0%	С	0.103	F	0.594	5400	G	2018
		From:	<u> </u>	2221			iamson Rd									
053 Liberty Rd	0.40	4900	F	98%	1%	1%	0%	0%	0%	F	0.115	F	0.612	5200	F	2018
			<u> </u>				ntation Rd									
055) King St	1.46	11000	L	98%	1%	Gus 1%	Nicks Blvd	0%	0%	F	0.094	F	0.574	12000	F	201
King St	1.40	To		90 /6	1 /0		Orange A		0 /6	1	0.094	•	0.574	12000	'	2010
		From:					08 Salem T									
Westside Blvd	0.65	2800	F	99%	0%	1%	0%	0%	0%	F	0.096	F	0.537	3000	F	201
357)		To								•	_					
057) Westside Blvd	0.54	4600 From:		99%	0%	1%	Melrose A	0%	0%	С	0.092	F	0.561	4900	F	201
157) Westside Biva	0.04	4000 To:	<u> </u>	0070	0 70		Hershberge		070		0.002	•	0.001	4000	'	201
		From:					eters Cree				i					
128-8008 Salem Trng	ok	6800	G			SIC 1171	cters cree	K Ttu			0.085	F	0.553	6800	G	201
		To:					36th St									
		From:	:			Г	ale Ave									
13th Street		7600	G	97%	0%	1%	1%	1%	0%	С	0.103	F	0.716	7600	G	201
		To:				Ste	wart Ave									
		From				Ce	entre Ave									
17th St		190	F								0.132	F	0.589	200	F	201
		To	<u> </u>			Lo	udon Ave				J					
		From:				Edg	gerton Ave								_	
18th St		100 To:	F								0.119	F	0.633	110	F	201
						Rıv	erdale Rd									
1016 01		From:	<u> </u>			Or	ange Ave				0.007	_	0.540	1000	_	001
19th St		1500 To:	F			TT-					0.097	F	0.542	1600	F	201
							nover Ave				<u> </u>					
25th St		720	F			В	aker Ave				0.099	F	0.650	770	F	201
25(11 5)		7 20 To:				Cé	entre Ave				0.033	•	0.030	770	'	201
		From:					ale Ave									
7th St		490	F				alc Avc				0.113	F	0.627	520	F	201
		To:	:			Ste	wart Ave									
		From:					te Oak Rd									
Avenham Ave		4100	F				-				0.088	F	0.544	4400	F	2018
		To:				Cly	desdale St									
		From:				Wi	ndsor Rd									
Barnhill Ln		120	F								0.174	F	0.605	120	F	201
		To				Gr	andin Rd									
		From:				(Clyde St									
Dunkirk Ave		1200	F								0.143	F	0.893	1200	F	201
		To:	<u> </u>				Cline St									
	·	From	<u> </u>			(Cove Rd			-		_			_	
Fairbana Dd		1100	F								0.100	F	0.510	1200	F	201
Fairhope Rd		for	1			Ant	Matan Ava									
гаппоре на							oleton Ave									
Fauquier St		From: 2100	F				norial Ave				0.094	F	0.502	2200	F	201

Length AADT	QA	4Tire	Bus					QC	K	QK	Dir	AAWDT	QW	Yea
							ZIIali		i actor		i actor			
1500					Olive Ave	e			0.006	_	0.546	1600	_	2018
1500 To	· -			-	Alder St				0.096	Г	0.346	1600	Г	2010
From				Cc	llingwood	d St			i					
1000	F								0.095	F	0.544	1100	F	2018
То					Luray St									
From	<u> </u>			Ke	nwood B	lvd			0.100	_	0.500	170	_	2010
I DU Te					19th St				0.133	Г	0.522	170	Г	2018
From				He										
340	F				onoeiger				0.154	F	0.64	360	F	2018
То	:			V	incient A	ve								
From				Do	gwood L	n S			<u> </u>				_	
				Ъ.	11	- NI			0.118	F	0.526	150	F	2018
				не	rsnberger	Kū			0.103	F	0.534	1600	F	201
To	:			V	/hitney A	.ve				-			-	
From	:				Froxell R	d								
90	F								0.181	F	0.659	90	F	201
То	c				/entnor R	d								
			Ra	mp from	I-581 N	to Elm Ave								
			D ₀	mn fron	Elm Axe	a to I 591 N			NA			NA		
			Ka											
	F				_ansing D	<u>r</u>			0.112	F	0.674	180	F	201
To				I	airway D)r				-			-	
From	i:]	Hollins R	d								
250	G								0.164	F	0.774	270	G	201
То														
	<u> </u>			0	akland A	ve			0.100	_	0.667	000	_	201
∠6U Tc	<u> </u>				Link St				0.128	Г	0.667	280	Г	201
From	:			R										
100	F				ook Run	ы			0.134	F	0.655	100	F	201
То	c			Sp	ring Tree	Dr								
From	:			No	orthwood	Dr								
600	F								0.098	F	0.587	640	F	201
					King St				0 121	E	0 655	1100	_	201
1100 To					Belle Av	e			0.121	Г	0.000	1100	r	201
From									l					
120	F			10	ALOW WILL	<u>114</u>			0.124	F	0.59	130	F	201
To	·			(Carico Av	/e								
From	:			V	ermont A	ve								
590	G								0.093	F	0.512	640	G	201
	1								<u> </u>					
	<u> </u>			Old	Mountair	n Rd			0 117	_	0.649	470	E	201
44U					Dead Eng	<u></u> d			0.11/	r	U.043	4/0	Г	201
From	:													
690	F			1010	a migside	. Gt			0.096	F	0.503	730	F	201
					1th Half S	St								
To				1	I III I I I I I I									
To	:				Aviation D									
	1500 To Proof 1000 To Proof 160 To	1500 F	1500 F	1500 F	Prom	AADT	AADT	Dive Ave	AADT	Length AADT QA 4Tire Bus 2Axle 3+Axle 1Trail 2Trail CC Eactor	Length AADT QA 4Tire Bus 2Axle 3+Axle 1Trail 2Trail QC Factor Collingwood St	Length AADT QA 4Tire Bus 2Axle 3+Axle 1Trail 2Trail QC Factor QK Factor Alder St	AADT QA 4Tire Bus 2Axle 3Axle 1Trail 2Trail QC Factor QC Factor AAWDT	Length AADT QA 4Tire Bus 2Axle 3+Axle 1Trail 2Trail QC Factor QK QK Factor QK QK Factor

						ty of Flourion								
Route	Length AADT	QA	4Tire	Bus	:	Tru xle 3+Axle		(.)(.)	K Factor	QK	Dir Factor	AAWDT	QW	Yea
v of Roanoke	From	4				Winsloe Dr			1					
Oaklawn Ave	260	G				Willsloc Di			0.1	F	0.571	280	G	2018
	Te]	Hazelridge Rd								
	Fron					Colonial Ave								
Persinger Rd	2000	F							0.111	F	0.851	2100	F	2018
	To				j	Bluefield Blvd								
Portland Ave	From 500	G				Cove Rd			0.129	F	0.723	540	G	201
Fortiand Ave	300 To					Oleva St			0.129	'	0.723	340	G	201
	Fron				New	Spring Branch	Rd							
Ray Rd	160	G			11011	opring Branen	Ru		0.136	F	0.644	170	G	201
	Te	:				Dead End								
	From					Gun Club Rd								
Renfro Blvd	120	F							0.143	F	0.694	130	F	201
	To	:				Pilot St								
Daymalda Dd	Fron	Ļ_				Mabry Ave			0.110	_	0.704	700		001
Reynolds Rd	730	F			1	ECL Roanoke			0.112	F	0.704	780	F	201
	Fron													
Richard Ave	1000	F				Cannaday Rd			0.102	F	0.665	1100	F	201
Thomata 700	To	-				Mecca St				•	0.000	1100	•	
	From	:			N	Mississippi Ave	:							
Ridgefield St	160	F							0.107	F	0.706	170	F	201
	To	:				Norton Ave								
	From					Burks St								
Roanoke Ave	820	F							0.100	F	0.531	870	F	201
	Te					Byrne St								
Calara Ava	Fron	<u> </u>				19Th St				_	0.500	0000	0	001
Salem Ave	2400 _{то}	G				20Th St			0.097	F	0.536	2600	G	201
	Fron	1												
Sweetbrier Ave	70	F			r	Rosewood Ave			0.163	F	0.583	70	F	201
	To	:				Clifford St							-	
	Fron	:				Deyerle Rd								
Valentine Ave	160	F							0.124	F	0.636	170	F	201
	To	:]	Knollwood Rd								
	Fron					Ring Rd								
Valley View Blvd NW	12000	G							0.091	F	0.596	12000	G	201
	Tz Fron				Valle	ey View Blvd I	NW							
Valley View Blvd NW	14000	G							0.111	F	0.635	14000	G	201
	Te Fron				Valle	ey View Blvd I	NW		_					
Valley View Blvd NW	16000	G							0.088	F	0.559	16000	G	201
	To	1				I-581								
Vantner Dd	From 240	<u> </u>				Eanes Rd				_	0.500	060	_	004
Ventnor Rd	340	F				Hillview Ave			0.111	F	0.523	360	F	201
	From	1							_					
Vinyard Ave	40	F				Omar Ave			0.222	F	0.5	40	F	201
	Tr					Atherly St								
	Fron	:				Comer St								
Virginia Ave	20	F							0.265	F	0.539	20	F	201
	To	:				Dead End								
	Fron					Woodbury St								
Whitney Ave	640	F							0.117	F	0.648	680	F	201
	To					Hubert Rd								

Route City of Roanoke	Length	AADT	QA	4Tire	Bus	Truck 2Axle 3+Axle 1Trail 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
Willow Oak Dr		240 70	F			Winterberry Lane Willow Oak Circle		0.132	F	0.575	260	F	2018
Windsor Ave		620 To	F			Edgewood St Derwent Dr		0.136	F	0.671	660	F	2018