### 2013

# 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	

(F241)	Frontage Road (F precedes frontage route number)
\ /	

(600) Secondary Route

### Special Routes

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

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.

						Tru	ck			K	211	Dir		
Route	Jurisdiction	Length AADT QA	4 lire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
~~-···	From:	ECL Salem												_
11 Brandon Ave	City of Roanoke	1.35 <b>18000 G</b>	98%	0%	1%	0%	0%	0%	F	0.099	F	0.598	20000	G
~~ · ·	To: From:	Edgewood St; Mud Lick F												
11 Brandon Ave	City of Roanoke	1.03 <b>12000 G</b>	94%	1%	2%	1%	2%	0%	С	0.087	F	0.528	13000	G
<del>~</del>	To: From:	Grandin Rd Brandon Ave												
11 Grandin Rd	City of Roanoke	0.70 <b>7100 G</b>	98%	0%	1%	0%	0%	0%	F	0.094	F	0.584	8000	G
11) Grandin Ha	To:	Memorial Avenue	0070	070		0 70	0 70	0 70	•	0.001	•	0.001	0000	ŭ
	From:	Grandin Rd												
11 Memorial Avenue	City of Roanoke	0.84 <b>12000 A</b>	98%	0%	1%	0%	0%	0%	С	0.114	Α	0.575	13000	Α
$\checkmark$	To:	Campbell Ave												
~~~	From:	13th St	000/	00/	10/	00/	00/	00/	_	0.404	_	0.500	4000	_
11 Campbell Ave	City of Roanoke	0.53 <b>4400 G</b>	98%	0%	1%	0%	0%	0%	F	0.101	F	0.582	4900	G
~	To: From:	7th St												
11 Campbell Ave	City of Roanoke	0.47 <b>4900 G</b>	95%	0%	2%	3%	1%	0%	С	0.089	F	0.508	5500	G
$\searrow$	To: From:	3rd St			$\neg$ $\vdash$									
11 Campbell Ave	City of Roanoke	0.28 <b>6400 G</b>	98%	0%	1%	0%	0%	0%	F	0.081	F	0.748	7100	G
	To													
11 Campbell Ave	City of Roanoke	US 221 Jefferson St 0.16 <b>6400 N</b>	98%	0%	1%	0%	0%	0%	N	0.081	N	0.748	7100	N
(11) Campbell Ave	To:	Williamson Rd	30 78	0 70	170	0 /0	0 /0	0 70	14	0.001	14	0.740	7100	14
	From:	Campbell Ave												
11) (221) (116) Williamson Rd	City of Roanoke	0.15 <b>22000 G</b>	98%	0%	1%	0%	0%	0%	F	0.088	F	0.514	24000	G
	To	Shenandoah Ave												
11) (221) (116) Williamson Rd	City of Roanoke	0.15 <b>15000 G</b>	98%	0%	1%	0%	0%	0%	F	0.098	F	0.707	17000	G
11) (221) (110)	To													
11 (221)(116)Williamson Rd	City of Roanoke	0.50 <b>12000 G</b>	93%	0%	2%	4%	1%	0%	С	0.08	F	0.519	12000	G
11) (221) (116) Williamson Rd	City of Hoarloke	0.30 <b>12000 G</b>	93 /6	0 /6	Z /0	4 /0	1 /0	0 /6	C	0.00	'	0.519	12000	G
~	To: From:	US 460 Orange Ave												
11 Williamson Rd	City of Roanoke	0.92 <b>14000 G</b>	99%	0%	0%	0%	0%	0%	F	0.08	F	0.505	14000	G
~	To: From:	Liberty Rd												
11 Williamson Rd	City of Roanoke	0.51 <b>15000 G</b>	99%	0%	0%	0%	0%	0%	F	0.078	F	0.515	15000	G
$\stackrel{\smile}{\smile}$	To: From:	10th St												
11 Williamson Rd	City of Roanoke	1.27 <b>17000 G</b>	96%	0%	1%	2%	1%	0%	С	0.084	F	0.511	17000	G
	Tol													
11 Williamson Rd	City of Roanoke	SR 101 Hershberger Rd 0.11 <b>16000 G</b>	99%	0%	0%	0%	0%	0%	F	0.089	F	0.513	17000	G
11) Williamson Rd	City of Additione	0.11 <b>10000 G</b>	99%	0%	U 76	0%	076	0%	Г	0.069	Г	0.513	17000	G
~	From:	SR 118 Airport Rd							_					
11) Williamson Rd	City of Roanoke	0.39 <b>15000 G</b>	99%	0%	0%	0%	0%	0%	F	0.088	F	0.507	15000	G
<del>~</del>	Te:	NCL Roanoke												
North	From:	US 11 Williamson Rd												
11 Ramp	City of Roanoke (Maint: 80)	0.13 <b>4000 G</b>								0.163	F		4000	G
~	To:	I-581 North												

### 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	QW
ALT	From:		ECL Salem		000/	00/		40/	00/	00/	_	0.004	_	0.540	17000	_
11 460 Melrose Ave	City of Roanoke	0.65	15000	G	98%	0%	0%	1%	0%	0%	С	0.084	F	0.516	17000	G
ALT	To: From:	SR 117	7 Peters Cre	ek Rd												
11) (460) Melrose Ave	City of Roanoke	1.75	12000	G	96%	1%	1%	1%	2%	0%	F	0.085	F	0.508	14000	G
ALT	To: From:		24th St													
11) (460) (116) Melrose Ave	City of Roanoke	0.41	12000	G	96%	1%	1%	1%	2%	0%	F	0.085	F	0.506	13000	G
$\diamond$	To	Sa	lem Turnpik	ke .												
ALT 11 (460) (116) Orange Ave	City of Roanoke	1.00	14000	G	96%	1%	1%	1%	2%	0%	F	0.082	F	0.52	15000	G
11) (460) (116) Starings 7113	Tree Tree Tree Tree Tree Tree Tree Tree					1 70		170	270	070	•	0.002	•	0.02	10000	ŭ
ALT	From:		ST, Gainsbo		000/	10/		40/	00/	00/	_	0.004		0.504	10000	
11 (460) (116) Orange Ave	City of Roanoke	0.90	17000	Α	96%	1%	1%	1%	2%	0%	С	0.094	Α	0.521	19000	Α
ALT ALT	To: From:	I-581, U	S 220, ALT	SR 220												
11 (460) (116) (220) Orange	Ave City of Roanoke	0.24	35000	G	96%	1%	1%	1%	2%	0%	F	0.082	F	0.618	39000	G
$\sim \sim \sim$	To:	US 1	1 Williamson	n Rd												
	From		16 Jefferson		000/	10/		00/	10/	00/	_	0.00	_	0.04	10000	
24 Elm Avenue	City of Roanoke	0.17	15000	G	98%	1%	1%	0%	1%	0%	С	0.08	F	0.61	16000	G
Tim Avenue	City of Populso	0.05	I-581		070/	1%	10/	00/	10/	00/		0.001	_	0.500	07000	G
24 Elm Avenue	City of Roanoke	0.25	25000	G	97%	170	1%	0%	1%	0%	С	0.081	F	0.560	27000	G
24 Bullitt Avenue	City of Roanoke	SR 0.68	24 Par, 6th 11000		98%	0%	1%	0%	1%	0%	С	0.105	F		12000	G
= : /	Combined Traffic Estimates for 2 Parallel Road			G G	98%	0%	1%	0%	1%	0%	С	0.105 NA	Г		25000	G
	To:		24 P, 13th		30 70	0 70		0 70	1 /0	0 70	O	14/3			23000	a
	From:		13th St													
24 Jamison Ave	City of Roanoke	0.19	26000	G	98%	0%	1%	0%	1%	0%	F	0.088	F	0.607	27000	G
	From:		Dale Ave amison Ave	;												
24) Dale Ave	City of Roanoke	0.69	23000	G	98%	0%	1%	0%	1%	0%	С	0.088	F	0.603	25000	G
<u> </u>	То	Е	CL Roanoke	e												
	From:		ROM RT 5													
24 Ramp	City of Roanoke (Maint	•	6700	G	DEET							0.082	F		6700	G
	Tomal Committee of the	US 220 FROM			REET											
24) Ramp	City of Roanoke (Maint		TO RT 581	N & F <b>G</b>								0.080	F		13000	G
24) 1 (41)	To:	I-581-N FROM			REET							0.000	•		15000	u
	From:	-	6th St				i									
Jamison Ave	City of Roanoke	0.68	12000	G	98%	0%	1%	0%	1%	0%	С	0.094	F		12000	G
(-2)	combined Traffic Estimates for 2 Parallel Road	dways on this Route:	23000	G	98%	0%	1%	0%	1%	0%	С	NA			25000	G
	To:	SR 24 Jamis	on Ave; Bu	llitt Ave	nue											

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

			_		Tru	ıck			K		Dir		
Jurisdiction	Length AADT QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	Q۷
From:													
City of Roanoke	1.34 <b>8800 G</b>	99%	0%	0%	0%	0%	0%	С	0.092	F	0.53	9500	G
To: From:	SR 116 Cove Rd												
City of Roanoke	0.58 <b>24000 G</b>	96%	1%	1%	1%	1%	0%	F	0.085	F	0.504	27000	(
To:	I-581												
City of Poppelo			10/	10/	10/	10/	00/	_	0.00	_	0.554	22000	(
City of Hoarloke		90%	1 70	170	170	1 70	0%	Г	0.09	Г	0.554	33000	
		H							0.004	_		2500	(
·		DCHDEDCE	7 <b>D</b>						0.064	Г		3300	•
			CK										
City of Poppels (Maint: 90)		TO RT 58							0 111	_		1200	(
		DCHDEDCI	7D						0.111	Г		1200	,
1-,			EK										
City of Donnelse (Mainty 20)		RTE 581							0.110	_		7100	(
,		DCHDEDCI	CD.						0.113	Г		7100	,
			EK										
City of Donnelse (Mainty 20)			00/	00/	00/	10/	00/	0	0.111	_		6000	
City of Hoarloke (Maint. 80)		96%	0%	0%	0%	170	0%	C	0.111	Г		6300	(
City of Poppeko		050/	10/	10/	10/	20/	00/	_	0.005	_	0.527	7100	(
City of Hoarloke		95%	1 70	170	170	∠70	0%	C	0.095	Г	0.557	7100	,
From:													
City of Roanoke	0.30 <b>4200 G</b>	95%	1%	1%	1%	2%	0%	F	0.102	F	0.615	4500	(
To:	Plantation Rd												
	Liberty Rd												
City of Roanoke	0.88 <b>8300 G</b>	97%	1%	1%	0%	2%	0%	С	0.096	F	0.547	8800	(
To: From:	Hollins Rd												
City of Roanoke	0.66 <b>14000 G</b>	97%	0%	1%	0%	1%	0%	С	0.097	F	0.521	15000	(
To:	NCL Roanoke												
From:	SCL Roanoke												
City of Roanoke	0.70 <b>7800 G</b>	98%	0%	1%	0%	0%	0%	F	0.102	F	0.809	8300	(
To:	Riverland Rd												
										_			
City of Roanoke	0.62 <b>8700 G</b>	98%	0%	1%	0%	0%	0%	С	0.096	F	0.81	9300	(
To: From:	9th St												
City of Roanoke	0.73 <b>7400 G</b>	98%	0%	1%	0%	0%	0%	F	0.096	F	0.715	7900	(
To:	Piedmont St	•											
From:		000/	001		001	001	064	_	0.440	_	0.700	4000	_
City of Roanoke	0.07 <b>4100 G</b>	98%	0%	1%	0%	0%	0%	F	0.113	F	0./20	4300	(
	City of Roanoke    From   City of Roanoke   Too	SR 117 Peters Creek Rd	SR 117 Peters Creek Rd	SR 117 Peters Creek Rd	SR 117   Februs   SR 118   S	SR 117 Peters Creek Rd	Strict   S	SR 117 Peters Creek Rd	SR 101 L581 NOOMB FROM & TO RT SS   City of Roanoke (Maint: 80)	SR 117 Peters Creek Rd	Second   College   Colle	SR 115 Peters   Creek Rd   SR 105 Cave	Second Principle   Second Prin

### Annual Average Daily Traffic Volume Estimates By Section of Route 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	2221					221			_			
16 Walnut Ave	City of Roanoke	0.26 <b>5400 G</b>	98%	0%	1%	0%	0%	0%	С	0.101	F	0.614	5800	(
	From:	Jefferson St Walnut Ave												
116)Jefferson St	City of Roanoke	0.42 <b>9700 G</b>	98%	0%	1%	0%	0%	0%	F	0.089	F	0.561	10000	
110)	To:	Elm Ave												
	From:	US 221; 1US 221-P; 128-8015	Gap T											
116)(221)Franklin Rd	City of Roanoke	0.14 <b>5400 G</b>	97%	1%	1%	1%	0%	0%	F	0.128	F	0.693	5800	
	To:	US 11												
Williamson Dd	City of Doopoles	Campbell Ave	000/	0%	10/	00/	00/	00/	F	0.000	F	0.514	04000	
116 (11) (221) Williamson Rd	City of Roanoke	0.15 <b>22000 G</b>	98%	0%	1%	0%	0%	0%	Г	0.088	Г	0.514	24000	
	To: From:	Shenandoah Ave												
116) (11) (221) Williamson Rd	City of Roanoke	0.15 <b>15000 G</b>	98%	0%	1%	0%	0%	0%	F	0.098	F	0.707	17000	
	To	I-581												
116) (11) (221) Williamson Rd	City of Roanoke	0.50 <b>12000 G</b>	93%	0%	2%	4%	1%	0%	С	0.08	F	0.519	12000	
	To:	US 11												
ALT ALT	From:	US 460												
16) (460) (11) (220) Orange Ave	City of Roanoke	0.24 <b>35000 G</b>	96%	1%	1%	1%	2%	0%	F	0.082	F	0.618	39000	
ALT	To: From:	I-581, US 220, ALT SR 22	20											
16 (460) (11) Orange Ave	City of Roanoke	0.90 <b>17000 A</b>	96%	1%	1%	1%	2%	0%	С	0.094	Α	0.521	19000	
ALT	To: From:	10th St, Gainsboro Rd												
16)(460)(11) Orange Ave	City of Roanoke	1.00 <b>14000 G</b>	96%	1%	1%	1%	2%	0%	F	0.082	F	0.52	15000	
	To	Salem Turnpike												
16)(460)(11) Melrose Ave	City of Roanoke	0.41 <b>12000 G</b>	96%	1%	1%	1%	2%	0%	F	0.085	F	0.506	13000	
	To	Melrose Ave												
16 Lafayette Blvd	City of Roanoke	0.73 <b>7400 G</b>	98%	0%	1%	0%	0%	0%	С	0.089	F	0.574	7900	
	To:	Cove Rd												
	From:	Lafayette Blvd												
16 Cove Rd	City of Roanoke	0.72 <b>11000 G</b>	98%	0%	1%	0%	0%	0%	F	0.083	F	0.509	12000	
<u> </u>	To:	SR 101 Hershberger Rd												
	From:	US 11 Brandon Ave												
17)Peters Creek Rd Ext	City of Roanoke	2.34 <b>15000 G</b>	96%	1%	1%	1%	1%	0%	F	0.092	F	0.529	18000	
<u> </u>	To: From:	Aerial Way Dr												
		Melrose Ave	000/	40/		40/	40/	00/	_	0.007	_	0.500	00000	
17) Peters Creek Rd	City of Roanoke	0.46 <b>20000 G</b>	96%	1%	1%	1%	1%	0%	F	0.087	F	0.530	23000	
<u>~</u>	To: From:	Hershburger Rd												_
17) Peters Creek Rd	City of Roanoke	0.87 <b>14000 G</b>	95%	0%	2%	1%	1%	0%	С	0.092	F	0.545	16000	
<u> </u>	To: From:	Cove Rd												
Peters Creek Rd	City of Roanoke	1.37 <b>16000 G</b>	96%	1%	1%	1%	1%	0%	F	0.088	F	0.504	18000	
	То:	I-581												

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

Route	Jurisdictio	on	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW
117 Peters Creek Rd	From City of Roan	noke	0.82	I-581 <b>20000</b>	Α	96%	1%	1%	1%	1%	0%	С	0.113	Α	0.513	23000	Α
	10:			ICL Roanok													
East 117 Ramp	City of Roanoke (N	Maint: 80)	SR 1177 0.28	TO RT 581 4000	SOUTE G								0.104	F		4000	G
(117)	To:		81-S FROM RT			CREEK I	R	1					0.101	•		1000	ŭ
East	From:		SR 117 I-581-N	1005B FRO	M & TC	) RT 58											
(117)Ramp	City of Roanoke (N	Maint: 80)	0.18	2000	G								0.124	F		2000	G
	То:	I-5	81-N FROM RT	117 EAST-	PETER:	S CREEK	R										
West	From:			TO RT 581		I											
117 Ramp	City of Roanoke (N		0.18	4600	G	CDEEN D							0.104	F		4600	G
	10.	1-5	81-S FROM RT				.0										
West (117) Ramp	City of Roanoke (N	Maint: 80)	SR 117 1 0.31	TO RT 581	NORTE G	ł							0.089	F		2600	G
117) Hamp	To:		81-N FROM RT			S CREEK	R						0.005	•		2000	ч
	From:			1 Williamso													
(118) Airport Rd	City of Roan	noke	0.63	6100	G	99%	1%	0%	0%	0%	0%	F	0.104	F	0.566	6400	G
	- To:		١	Aunicipal Re	d												
(118)Airport Rd	City of Roan	noke	1.01	11000	<b>A</b>	99%	1%	0%	0%	0%	0%	С	0.116	Α	0.52	11000	Α
	Τα		N	ICL Roanok	æ												
	From:		S	CL Roanok	e												
(220) Franklin Rd	City of Roanoke (N	Maint: 80)	1.64	36000	G	87%	1%	1%	1%	10%	1%	F	0.087	F	0.574	36000	G
~	To: From:		BUS US 22	20; SR 419	Electric	Rd											
Roy Webber Expwy	City of Roanoke (N	Maint: 80)	1.66	43000	G	87%	1%	1%	1%	10%	1%	F	NA			45000	G
<u>~</u>	To: From:			Wonju St													
Roy Webber Expwy	City of Roanoke (N	Maint: 80)	1.71	70000	G	87%	1%	1%	1%	10%	1%	F	0.093	F	0.549	72000	G
<u>~</u>	To: From:		SR 24	4 Elm Ave;	I-581												
220 581	City of Roanoke (N	,	0.66			Se	e I-581	for dire	ectional	traffic v	olume e	stimat	tes for thi	s seg	ment.		
$\smile$	Combined Traffic Estimates for 2 Parallel	Roadways o	n this Route:	70000	G	94%	1%	1%	1%	4%	0%	F	0.092	F	0.538	78000	G
~~~	To: From:		US 1	1 Williamso	n Rd												
(220)(581)	City of Roanoke (N	,	0.31			Se	e I-581	for dire	ectional	traffic v	olume e	stimat	tes for thi	s seg	ment.		
$\sim$	Combined Traffic Estimates for 2 Parallel	Roadways o	n this Route:	73000	G	94%	1%	1%	1%	4%	0%	F	0.095	F	0.518	81000	G
~~~	To: From:			460 Orange	Ave												
(220) (581)	City of Roanoke (N	,	1.68										tes for thi	_			
~ ~	Combined Traffic Estimates for 2 Parallel	Roadways o	n this Route:	78000	Α	94%	1%	1%	1%	4%	0%	F	0.105	Α	0.507	84000	Α
~~~	To: From:			lley View B	lvd			$\Box$ $\vdash$									
(220) (581)	City of Roanoke (N	,	1.11			Se	e I-581	for dire	ectional	traffic v	olume e	stimat	tes for thi	s seg	ment.		
$\sim$	Combined Traffic Estimates for 2 Parallel	Roadways o			Α	94%	1%	1%	1%	4%	0%	С	0.109	Α	0.507	68000	Α
	To:		SR 10	1 Hershberg	ger Rd												

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

							Tr	uck			K	016	Dir		01
Route	Jurisdiction	Length <b>AADT</b>	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	QW
~~~	City of Roanoke (Maint: 80)	SR 101 Hershbe	rger Rd	20	o   E01	for dire	actional	troffic v	olumo or	ntim of	es for thi	0 000	mont		
220 581	Combined Traffic Estimates for 2 Parallel Roadways		Α	94%	1%	1%	1%	4%	0%	sumai F	.es ior trii 0.108	s seg A	0.512	60000	Α
	To:	SR 117 Peters C		J+ /0	1 /0		1 /0	770	0 70	'	0.100		0.512	00000	
North	From:	US 220 TO RT 2400-1		EET											
(220) Ramp	City of Roanoke (Maint: 80)	0.10 <b>6400</b>	G								0.09	F		6400	G
<u> </u>	Tα	SR 24 TO RT 58	1 N & F												
Bus Franklin Dd	From:	US 220; SR 419 Sout			00/	10/	00/	00/	00/	0	0.000	_	0.500	00000	•
Franklin Rd	City of Roanoke (Maint: 80)	0.27 <b>22000</b>	G	98%	0%	1%	0%	0%	0%	С	0.086	F	0.503	23000	G
Bus	To: From:	Penarth Ro	ad												
(220) Franklin Rd	City of Roanoke	1.26 <b>16000</b>	G	98%	0%	1%	0%	0%	0%	F	0.084	F	0.575	17000	G
Bus	To- From:	128-3 Wonj	ı St												
220 Franklin Rd	City of Roanoke	0.38 <b>10000</b>	G	98%	0%	1%	0%	0%	0%	F	0.089	F	0.593	11000	G
$\searrow$	To	128-8003 McCla	nahan St			<u> </u>									
Bus 220 Franklin Rd	City of Roanoke	0.41 <b>8700</b>	G	98%	0%	1%	0%	0%	0%	F	0.089	F	0.563	9300	G
(220)1 Tariitiin 1 Ta	To:	128-8015; I-581 U		0070	0 70		070	0 70	070		0.000	•	0.000	0000	<u> </u>
ALT ALT	From:	I-581, US 220, AI	T SR 220												
(220)(460)(11)(116)Orange	e Ave City of Roanoke	0.24 <b>35000</b>	G	96%	1%	1%	1%	2%	0%	F	0.082	F	0.618	39000	G
ALT	Too From:	US 11 William	son Rd												
220 (460) (221) Orange Ave	City of Roanoke	0.49 <b>41000</b>	G	97%	0%	1%	0%	1%	0%	С	0.078	F	0.575	45000	G
$\bigcirc \diamondsuit \diamondsuit$	To:	SR 115 Hollin	ıs Rd												
ALT (220) (460) (221) Orange Ave	City of Roanoke	1.14 41000	G	91%	1%	1%	1%	5%	0%	С	0.076	F	0.569	42000	G
220 460 221 Orange Ave	Oity of Floarione		<u> </u>	3170	1 /0	1 /0	1 /0	370	0 70	J	0.070	'	0.505	42000	u
ALT	From:	24th St													_
220 460 221 Orange Ave	City of Roanoke	1.17 <b>32000</b>	G	90%	1%	1%	2%	6%	0%	С	0.075	F	0.530	34000	G
ALT	Too From:	128-8055 Kii	ng St												
220 (460)(221) Orange Ave	City of Roanoke	0.38 <b>39000</b>	G	94%	0%	1%	1%	4%	0%	F	0.078	F	0.529	40000	G
	To:	Roanoke Coun	y Line												
Prombleton Ave	City of Doppole	WCL Roan		000/	0%	10/	00/	00/	00/	_	0.100	F	0.606	1 4000	_
221 Brambleton Ave	City of Roanoke	1.39 <b>13000</b>	G	99%	0%	1%	0%	0%	0%	С	0.102	Г	0.626	14000	G
221 Brambleton Ave	Tool Prom: City of Roanoke	Overland R 0.52 <b>7500</b>	oad <b>G</b>	99%	0%	1%	0%	0%	0%	F	0.107	F	0.636	8000	G
221 Diambieton Ave	oity of modificie			JJ /0	U /o	1 /0	U /o	U /o	U /o	ļ	0.107	ı	0.030	0000	d
(221) Main St	City of Roanoke	Brandon A 1.19 <b>8700</b>	ve <b>G</b>	99%	0%	1%	0%	0%	0%	F	0.098	F	0.627	9200	G
(221) Main St	only of Hodrione			0070	0 /0	- 70	0 /0	0 /0	0 /0	'	0.000	'	0.027	0200	u
221 Elm Ave	City of Roanoke	8th St 0.46 <b>11000</b>	G	97%	1%	1%	1%	0%	0%	С	0.093	F	0.663	11000	G
(221) / (10	To:	US 220 Frank		0.70	. 70		. /0	0 /0	0 /0	5	0.000	•	0.000		J

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

							Tru	ck			K		Dir		
Route	Jurisdiction	Length AAD	T QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QV
~~~\	From:	US 220 Fra		070/	10/	10/	10/	00/	00/	_	0.007	_	0.500	0.400	_
Elm Ave	City of Roanoke	0.30 <b>780</b>		97%	1%	1%	1%	0%	0%	r	0.087	F	0.500	8400	G G
C	ombined Traffic Estimates for 2 Parallel Roadway	s on this Route: <b>1600</b> SR 24, SI		98%	0%	1%	0%	0%	0%	F	0.094	F	0.622	17000	G
	From:	SR 24, SI SR 116 US 2													
221 (116) Franklin Rd	City of Roanoke	0.14 <b>540</b>		97%	1%	1%	1%	0%	0%	F	0.128	F	0.693	5800	C
	To:	Williams	on Rd												
~~ <u>-</u> .	From:	Franklin													
Williamson Rd	City of Roanoke	0.14 <b>540</b>		97%	1%	1%	1%	0%	0%	N	0.128	N	0.693	5800	1
~	To: From:	US 11 Sale Salem													
21) (11) (116) Williamson Rd	City of Roanoke	0.15 <b>220</b> 0		98%	0%	1%	0%	0%	0%	F	0.088	F	0.514	24000	(
221 11 116 Williamson Rd					0,0		0,0	0 70	0,0	•	0.000	•	0.0		
21) (11) (116) Williamson Rd	City of Roanoke	Shenando: 0.15 <b>1500</b>		98%	0%	1%	0%	0%	0%	F	0.098	F	0.707	17000	(
21) (11) (116) Williamson Rd	Oity of Hoarloke			90 /6	0 /0	1 /0	0 /6	0 /0	0 /6	'	0.030	•	0.707	17000	`
~~~	To: From:	I-58											2 = 12		
221) (11) (116) Williamson Rd	City of Roanoke	0.50 <b>1200</b>	0 G	93%	0%	2%	4%	1%	0%	С	0.08	F	0.519	12000	(
ALT	To: From:	US 46	) S												
221 460 220 Orange Ave	City of Roanoke	0.49 <b>4100</b>	0 G	97%	0%	1%	0%	1%	0%	С	0.078	F	0.575	45000	(
ALT	To: From:	SR 115 Ho	llins Rd												
221 460 220 Orange Ave	City of Roanoke	1.14 <b>410</b> 0	0 G	91%	1%	1%	1%	5%	0%	С	0.076	F	0.569	42000	(
ALT	Te: From:	24th	St												
221 (460) (220) Orange Ave	City of Roanoke	1.17 <b>320</b> 0	0 G	90%	1%	1%	2%	6%	0%	С	0.075	F	0.530	34000	(
$\sim$	То	128-8055	Cing St			_									
ALT	From:			0.40/	00/	40/	40/	40/	00/	_	0.070	F	0.500	40000	,
221 460 220 Orange Ave	City of Roanoke	0.38 <b>3900</b>		94%	0%	1%	1%	4%	0%	F	0.078	F	0.529	40000	(
	100	ECL Roa													
Cranklin Dd	From:	US 221 EI		000/	00/	10/	00/	00/	00/	_	0.110	_	0.000	0500	,
Franklin Rd	City of Roanoke	0.40 <b>800</b>		99%	0%	1%	0%	0%	0%	-	0.118		0.668	8500	(
· C	ombined Traffic Estimates for 2 Parallel Roadway	s on this Route: <b>1600</b> US 221, SR 116		98%	0%	1%	0%	0%	0%	F	0.094	F	0.622	17000	(
— Eleatria Del	City of Decrete (Mainty CO)	US 220; Bus US 2			00/		00/	00/	00/	F	0.000	F	0.555	40000	(
Electric Rd	City of Roanoke (Maint: 80)	0.07 <b>4400</b> Roanoke Co		99%	0%	0%	0%	0%	0%	г	0.083	г	0.555	48000	(
ALT Malrage Ave	City of Dogradus	ECL Sa		000/	0%	00/	10/	00/	00/	0	0.004	F	0 E10	17000	,
60 11 Melrose Ave	City of Roanoke	0.65 <b>1500</b>	0 G	98%	0%	0%	1%	0%	0%	С	0.084	г	0.516	17000	(
ALT	To: From:	SR 117 Peters	Creek Rd												
Melrose Ave	City of Roanoke	1.75 <b>120</b> 0	0 G	96%	1%	1%	1%	2%	0%	F	0.085	F	0.508	14000	(
ALT	To: From:	24th	St												
460 (11) (116) Melrose Ave	City of Roanoke	0.41 <b>120</b> 0	0 G	96%	1%	1%	1%	2%	0%	F	0.085	F	0.506	13000	G
+00)(11)(110)	To:	Salem 7										•			_

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

			of Roand					Tru	ck			K		Dir		
Route	Jurisdictio	on Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	Q۷
ALT	From:		Salem Tpke													
460) (11) (116) Orange Ave	City of Roan	noke 1.00	14000	G	96%	1%	1%	1%	2%	0%	F	0.082	F	0.52	15000	G
ALT	To: From:	10th	St, Gainsbor	o Rd												
460) (11) (116) Orange Ave	City of Roan	noke 0.90	17000	Α	96%	1%	1%	1%	2%	0%	С	0.094	Α	0.521	19000	Α
ALT ALT	To: From:	I-581, U	S 220, ALT	SR 220												
(460) $(11)$ $(116)$ $(220)$ Orang	e Ave City of Roan	oke 0.24	35000	G	96%	1%	1%	1%	2%	0%	F	0.082	F	0.618	39000	G
ALT	To: From:	US 1	1 Williamso	n Rd												
460 (221 (220) Orange Ave	City of Roan	noke 0.49	41000	G	97%	0%	1%	0%	1%	0%	С	0.078	F	0.575	45000	G
$\sim$		SR	115 Hollins	Rd												
ALT (220) Orange Ave	City of Roan	noke 1.14	41000	G	91%	1%	1%	1%	5%	0%	С	0.076	F	0.569	42000	
$\sim$	Tax		24th St													
ALT 460 (221 (220) Orange Ave	City of Roan	noke 1.17	32000	G	90%	1%	1%	2%	6%	0%	С	0.075	F	0.530	34000	(
160 (221) (220) Grainge / 116			8-8055 King			.,,		-/-	0,0	0,0		0.07.0	•	0.000	0.000	
ALT (221) Orange Ave	City of Roan		39000	G G	94%	0%	1%	1%	4%	0%	F	0.078	F	0.529	40000	(
60 221 220 Orange Ave	To:		oke County		34 /0	0 /6	1 /0	1 /0	4 /0	0 /6	'	0.070	'	0.529	40000	•
ast	From:	US 460	TO RT 581	SOUTH	[											
Ramp	City of Roanoke (N		3400	G								0.105	F		3400	(
~	To:	I-581-S FROM RT 4				IU .										
East 460 Ramp	City of Roanoke (I		TO RT 581 1 <b>3000</b>	NORTH <b>G</b>	<u> </u>							0.147	F		3000	(
160 1 14111	To:	I-581-N FROM RT 4			IGE AVEN	NU						0.147			0000	
/est	From:		TO RT 581													
Ramp	City of Roanoke (N		8200	G								0.091	F		8200	(
~	To:	I-581-S FROM RT 4				NU										
Vest 160 Ramp	City of Roanoke (I		TO RT 581 I	NORTH <b>G</b>	[							0.094	F		12000	(
160 ) 1 141111	To:	I-581-N FROM RT 4			IGE AVE	NU						0.004			12000	
orth	From:	SR 24 Elm A	ve; US 220 V	Webber	Expy											
581 (220)	City of Roanoke (N	•	36000	G	94%	1%	1%	1%	4%	0%	F	0.09	F		39000	(
	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	70000	G	94%	1%	1%	1%	4%	0%	F	0.092	F	0.538	78000	(
orth	To:		1 Williamso	n Rd												
81 (220)	City of Roanoke (N		39000	G	94%	1%	1%	1%	4%	0%	F	0.092	F		44000	(
<i></i>	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	73000	G	94%	1%	1%	1%	4%	0%	F	0.095	F	0.518	81000	(
	To: From:	US	460 Orange	Ave												
lorth																
North (220)	City of Roanoke (Note: Combined Traffic Estimates for 2 Parallel		39000	Α	94%	1%	1%	1%	4%	0%	F	0.108	Α		42000	F

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

								Tru	ıck			K		Dir		
Route	Jurisdictio	n Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	Q۷
lorth	From:	· Va	ılley View B	lvd												
581)(220)	City of Roanoke (I	Maint: 80) 1.11	31000	Α	94%	1%	1%	1%	4%	0%	С	0.111	Α		34000	A
	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	61000	Α	94%	1%	1%	1%	4%	0%	С	0.109	Α	0.507	68000	F
Jorth	<u>Ta</u> From	SR 10	)1 Hershberg	ger Rd												
581)(220)	City of Roanoke (I	Maint: 80) 1.75	27000	Α	94%	1%	1%	1%	4%	0%	F	0.114	Α		30000	F
01/(220)	Combined Traffic Estimates for 2 Parallel	•	55000	Α	94%	1%	1%	1%	4%	0%	F	0.108	Α	0.512	60000	1
	To:		7 Peters Cre													
lorth	From:	:	I-581 North													
Ramp	City of Roanoke (I	Maint: 80) 0.18	8700	G								0.086	F		8700	(
<u> </u>	To:	US 4	60 E, Orang	e Ave												
lorth	From:		I-581 North													
Ramp	City of Roanoke (I		3300	G								0.107	F		3300	(
	10.		60 W, Orang				_									
lorth 581 Ramp to Valley View E	Blvd City of Roanoke (I		I-581 North <b>7700</b>	G	99%	0%	0%	0%	0%	0%	С	0.099	F		8200	(
181 hamp to valley view L	To		alley View B		33 /6	0 /0	0 /0	0 /6	0 /0	0 /6	C	0.055	•		0200	•
lorth	From	•	I-581 North													
Ramp	City of Roanoke (I		7900	G								0.093	F		7900	(
301) **	To:		E, Hershbe	rger Rd												
lorth	From:	4	I-581 North	1												
Ramp	City of Roanoke (I	Maint: 80) 0.19	3600	G								0.093	F		3600	(
<u> </u>	To:	SR 101	W, Hershbe	erger Rd												
North	From:		I-581 North													
Ramp	City of Roanoke (I		4900	G								0.111	F		4900	(
<u> </u>	10:	•	E, Peters C													
North Dans	From:		I-581 North									0.107	F		0000	(
Ramp	City of Roanoke (I		<b>3900</b> W, Peters C	G reek Rd	1		_					0.107	Г		3900	,
a.u.th	From	SR 24 Elm A	-				_									
581)(220)	City of Roanoke (I		34000	G	93%	1%	1%	1%	5%	0%	F	0.101	F		38000	(
361/(220)	Combined Traffic Estimates for 2 Parallel	,		G	94%	1%	1%	1%	4%	0%	F	0.092	F	0.538	78000	(
	To	-	1 Williamso					.,.	.,.		-					
outh	From:	•											_			
220	City of Roanoke (I	,	34000	G	93%	1%	1%	1%	5%	0%	F	0.099	F		38000	(
~	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	73000	G	94%	1%	1%	1%	4%	0%	F	0.095	F	0.518	81000	(
outh	To:	US	460 Orange	Ave												
581 220	City of Roanoke (I	Maint: 80) 1.41	39000	Α	93%	1%	1%	1%	5%	0%	F	0.104	Α		42000	
	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	78000	Α	94%	1%	1%	1%	4%	0%	F	0.105	Α	0.507	84000	,
	To:		ılley View B	lvd												

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

Devite		1 - 0	4457		4.7	D		Tru	ck		00	K	01/	Dir	AAMET	014
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	QW
South	From:		ley View Bl													
<u>581</u> (220 )	City of Roanoke (Main	,	31000	Α	93%	1%	1%	1%	5%	0%	С	0.111	Α		34000	Α
$\smile \smile$	Combined Traffic Estimates for 2 Parallel Roa	adways on this Route:	61000	Α	94%	1%	1%	1%	4%	0%	С	0.109	Α	0.507	68000	Α
South	To: From:	SR 101	Hershberge	er Rd												
581 220	City of Roanoke (Main	nt: 80) 1.33	27000	Α	93%	1%	1%	1%	5%	0%	F	0.114	Α		30000	Α
	Combined Traffic Estimates for 2 Parallel Roa	adways on this Route:	55000	Α	94%	1%	1%	1%	4%	0%	F	0.108	Α	0.512	60000	Α
	Te:		CL Roanoke	<b>;</b>												
South	From:		-581 South													
(581) Ramp	City of Roanoke (Main	·		G								0.084	F		11000	G
$\overline{}$	To:	SR 2	24 Elm Aven	iue												
South	From:		-581 South													
581 Ramp	City of Roanoke (Main		6100	G								0.141	F		6100	G
	10.		Williamson													
South 581	City of Donnels (Main	IS-00581-S002A(R)/SI ht: 80) 0.10	PLIT OF RA	MP FI	ROM IS-58	81S						NA			NA	
581	City of Roanoke (Main	128-0006(B)/C		/EALT	HAVE							NA			NA	
Courth	From:	• • • • • • • • • • • • • • • • • • • •	-581 South	LILLI	HINVE											
South (581) Ramp	City of Roanoke (Main		7000	G								0.083	F		7000	G
381)	To:	-	0 E, Orange									0.000	•			<b>O</b> .
South	From:	Į.	-581 South													
(581)Ramp	City of Roanoke (Main		2600	G								0.089	F		2600	G
$\bigcirc$	To:	US 460	) W, Orange	Ave												
South	From:		-581 South													
581 Ramp	City of Roanoke (Main		5800	G								0.093	F		5800	G
$\overline{}$	To:	SR 101 1	E, Hershber	ger Rd												
South	From:		-581 South													
581 Ramp	City of Roanoke (Main		2200	G								0.375	F		2200	G
<u> </u>	To:		W, Hershber	ger Rd												
South 581 Ramp	From:		-581 South													
581 Hamp	City of Roanoke (Main		2600	G								0.133	F		2600	G
	100		E, Peters Cro	eek Kd												
South	City of Doops to (Main		-581 South									0 1 4 5	_		2000	0
581 Ramp	City of Roanoke (Main		<b>2000</b> V, Peters Cr	G oak Da								0.145	F		2000	G
		3K 117 V	v, reieis Ci	CCK KU												

Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke		From	ı								1 40101		1 40101			
(F74) Frontage Rd	0.42	1000	R			SR 10	1 Ordway l	Dr			NA			NA		06/10/2009
		To				Roanok	e County I	ine								
(F897) Frontage Rd	0.20	From	_			US 22	0 Franklin	Rd						NA		00/20/2000
F897 Frontage Rd	0.39	1600 <sub>To</sub>	R			Bu	ıs US 220				NA T			INA		09/30/2009
		From			US 2		s US 220 F	ranklin Ro	1							
1 2nd St SW	0.23	5300	G	96%	1%	3%	0%	0%	0%	F	0.118	F	0.585	5600	G	2013
		To From					m Ave SW									
1 2nd St SW; Gainsbor	ro RoONWay	8200 To	G	96%	1%	3%	0% nge Ave NE	0%	0%	С	0.122	F	0.651	8700	G	2013
		From					ng St NE	·								
2 Belle Ave NE	0.84	1700	G	99%	0%	0%	0%	0%	0%	С	0.115	F	0.533	1800	G	2013
		To			ECI	. Roanok	e; 80-758 C	arson Rd								
O		From					220 Frankli								_	
(3) Wonju St	0.18	14000	G	98%	0%	1%	0%	0%	0%	С	0.095	F	0.61	15000	G	2013
Waniu Ct	0.10	From		000/			y Webber		00/		0004		0.66	10000		2012
3 Wonju St	0.12	18000 To	G	98%	0%	1%	0% lonial Ave	0%	0%	F	0.084	F	0.66	19000	G	2013
		From			US 11. I		s US 220 V	Villiamso	n Rd							
(4) Kimball Ave NE	0.75	8000	G	98%	0%	1%	0%	0%	0%	F	0.105	F	0.750	8500	G	2013
$\overline{}$		To				Orar	ige Ave NE	3								
Diametrian Del NIC	0.00	From		000/	00/		Orange A		00/		0.004	_	0.505	7700		0010
5 Plantation Rd NE	0.33	7200 <sub>To</sub>	G	98%	0%	1%	0% hawk Ave	0%	0%	F	0.084	F	0.565	7700	G	2013
		From				Moha	wk Ave N									
(5) Plantation Rd NE	0.82	6000 <sub>To</sub>	G	98%	0%	1%	0%	0%	0%	F	0.09	F	0.573	6400	G	2013
		From	1				Liberty Rd	NE								
6 Wells Ave NW	0.03	240	G			L	ead End				0.14	F	0.702	240	G	2013
		To				Gainsbo	orough Rd l	VW								
6 Wells Ave	0.19	4900 From	G	95%	1%	2%	1%	1%	0%	F	0.115	F	0.639	5200	G	2013
		To From				Je	fferson St				_					
6 Wells Ave NE	0.19	7000	G	95%	1%	2%	1%	1%	0%	С	0.108	F	0.622	7400	G	2013
		10			US 11, U	JS 221, S	R 116 Will	amson Ro	i NE							
Wise Ave SE	0.89	6800	G	98%	0%	Nort 1%	olk Ave SE 0%	0%	0%	F	0.126	F	0.83	7200	G	2013
()		То					ton; Walnu									
		From				SR 116	Riverland	Rd								
8 9th St SE	0.21	6400	G	98%	0%	1%	0%	0%	0%	F	0.093	F	0.567	6800	G	2013
<u> </u>		From					stry Ave SI									
8 9th St SE	0.93	9100	<u>G</u>	98%	0%	1%	0%	0%	0%	F	0.086	F	0.547	9700	G	2013
Oth St SE	0.06	From	NI NI	000/	00/		allitt Avenu		00/	N1	0.000	N.I	0.547	0700	N1	2012
8 9th St SE	0.06	9100	N	98%	0%	1%	0%	0%	0%	N	0.086	N	0.547	9700	N	2013
8 9th St SE	0.18	4500 From	G	98%	0%	SR 24 P.	Jamison Av 0%	e SE 0%	0%	F	0.101	F	0.62	4800	G	2013
8 9th St SE	0.10	To		30 /0	J 70		well Ave S		3,0	•			3.02		<u> </u>	
		From			US		1 Williams									
9 Campbell Ave SE	0.59	9900	G	98%	0%	1%	0%	0%	0%	С	0.107	F	0.758	11000	G	2013
		To					olk Ave SE									
Norfolk Ave SE	0.30	From <b>8400</b>	G	98%	0%	Camp 1%	obell Ave S 0%	E 0%	0%	С	0.124	F	0.766	9000	G	2013
(10) Norfolk Ave SE	0.00	To		JU /0	J /0		14th St	3 /0	J /0		3.124		5.700	3000		
		From				Je	fferson St									
(11) Belleview Ave SE	0.61	4500	G	98%	0%	1%	0%	0%	0%	С	0.099	F	0.739	4800	G	2013
		То	1			SR 116	Walnut Av	e SE								

						City C	n noanc	JKE								
Route	Length	AADT	QA	4Tire	Bus			uck 1Trail		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
itv of Roanoke		From	:			128-17	Salem Av	e SF								
13) Norfolk Ave Connector	r SE0.03	NA				120-17	Saiciii 7 CV	CSL			NA			NA		
<u> </u>		To					olk Ave S									
13) Norfolk Ave SE	0.14	NA				Norfolk A	ve Conne	ctor SE			NA			NA		
10)		To				128-9 Ca	ımpbell A	ve SE								
		From				S Je	efferson S									
14) Williamson Rd SE	0.56	8100	G	98%	0%	1%	0%	1%	0%	С	0.088	F	0.516	8700	G	2013
<u> </u>		From	:				Elm Avenu									
14) Williamson Rd SE	0.22	10000	G	98%	0%	1%	0%	1%	0%	F	0.102	F	0.579	11000	G	2013
<u> </u>		To				US 221	Franklin R	Rd SE								
		From				US 11 Ca										
15) 1st St SW	0.04	1000 To	G	97%	1%	1%	2%	0%	0%	F	0.114	F	0.703	1100	G	2013
		From			1	28-17 Sal Centre	Ave NW;									
15) 1st St NW	0.09	940	G	97%	1%	1%	2%	0%	0%	С	0.119	F	0.942	1000	G	2013
		To	1				Vells Ave									
S lofferson C+	0.10	From		060/		JS 221, SF			00/		0.007	_	0.764	6600	C	2010
S Jefferson St	0.18	6200	G	96%	1%	3%	0%	0%	0%	С	0.097	F	0.764	6600	G	2013
S Jefferson St	0.05	3000	<u></u>	96%	1%		Campbell 0%	Ave 0%	0%	F	0.097	F		2200	G	2013
16) S Jefferson St	0.05	To	G	90%	1 70	128-1	7 Salem A		0%		0.097	г		3300	G	2013
		From	:				th St SW									
17) Salem Ave SW	0.34	4400	G	98%	0%	1%	0%	0%	0%	F	0.09	F	0.532	4900	G	2013
		То	-			91	h St SW									
17) Salem Ave SW	0.40	2700 Prom	G	98%	0%	1%	0%	0%	0%	F	0.099	F	0.595	3100	G	2013
<u> </u>		To				5t	h St SW									
17) Salem Ave SW	0.30	4600	G	98%	0%	1%	0%	0%	0%	F	0.096	F	0.525	5200	G	2013
Combine	ed Traffic:	11000	G	98%	0%	1%	0%	0%	0%	F	NA			12000	G	
		To From				2r	d St SW				$\exists$ $\vdash$					
<sub>17</sub> ) Salem Ave SW	0.22	3900	G	98%	0%	1%	0%	0%	0%	F	0.092	F	0.587	4400	G	2013
<u> </u>		To From				S Je	efferson S	t								
17) Salem Ave SW	0.15	4200	G	98%	0%	1%	0%	0%	0%	F	0.103	F	0.685	4700	G	2013
		- 10			US 11, U			lliamson R	d SE							
18) 13th St SW	0.25	2600	G	98%	0%	Camp	bell Ave S 0%	0%	0%	F	0.093	F	0.586	2900	G	2013
13th St SW	0.23	<b>2000</b> To	<u> </u>	30 /0	0 70		m Ave SV		0 70		0.033	•	0.500	2500	u	2010
		From	:				31, US 220									
(19) Valley View Blvd NW	1.39	23000	G								0.092	F	0.548	25000	G	2013
<u> </u>		To	c			Hershb	erger Rd	NW								
outh		From				I-581	S, US 220	0 S								
Ramp From Valley Vie	ew B01x8c4to	I- <b>9200</b> 5	G		D	£ 1 £0	1 110 22	0 N -4 E:4	4		0.096	F		4400	G	2013
		From			Kamp			0 N at Exit	4							
Airport Entrance Rd	0.28	5900	G			128-23	3 Aviation	υľ			0.103	F	0.508	6200	G	2013
<u>-9</u>		To				SR 11	8 Airport	Rd								
		From	:				3 Aviation									
Towne Square Blvd N	W 0.53	8100	G	99%	0%	1%	0%	0%	0%	С	0.098	F	0.515	8700	G	2013
<u> </u>		To				SR 11	8 Airport	Rd								
	0.01	From		0000		R 101 He			051	_		_	0.500	0000	-	
Rutgers St NW	0.31	9200 To	G	99%	0%	1%	0%	0%	0%	С	0.089	F	0.599	9800	G	2013
		From			128			Blvd NW								
Aviation Dr NW	0.77	6900	G			Hershb	erger Rd	NW			0.103	F	0.515	7400	G	2013
23) Aviation Dr NW	0.77	To	<u> </u>		1	28-20 Aiı	port Entra	ance Rd				•	0.010	, 100	J	_0.0
			•													

						Oity O	nuariuk	.6								
Route	Length	AADT	QA	4Tire	Bus		True	_		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke			•													
8001) Colonial Ave	1.16	9400	G	99%	0%	0%	Roanoke 0%	0%	0%	F	0.107	F	0.514	10000	G	2013
6001 Colonial Ave	1.10	3 <b>400</b>		33 /6	0 /6		singer Rd	0 /6	0 /6	'	0.107	'	0.514	10000	u	2013
		From					nger Road									
8001 Colonial Ave	0.81	20000	G	99%	0%	0%	0%	0%	0%	F	0.098	F	0.547	22000	G	2013
<u> </u>		To				Brai	ndon Ave									
Vallau Mauritain Del	0.50	From:	Ļ	000/	00/		noke; 80-6		00/					0500	_	0010
Yellow Mountain Rd	2.59	2700	G	99%	0%	0%	0%	0%	0%	С	NA —			2500	G	2013
	0.40	From		000/	40/		ferson St	00/	00/				0.507	0.400		0046
McClanahan St	0.48	7900 <sub>To:</sub>	G	98%	1%	1%	0%	0%	0%	С	0.095	F	0.527	8400	G	2013
		From:					20 Franklin	Ku								
8005) Bandy Rd	0.37	1300	G	98%	0%	1%	Roanoke 0%	0%	0%	F	0.105	F	0.599	1400	G	2013
Bandy Rd	0.07	To		30 /6			arden City		0 70		0.103	•	0.555	1400	ď	2010
		From:					Roanoke	Diva.								
Salem Tpke	1.35	6600	G	98%	1%	1%	0%	0%	0%	F	0.091	F	0.567	7100	G	2013
1		To														
Salem Tpke	1.20	7300 From:	G	97%	1%	1%	6th St 0%	1%	0%	С	0.103	F	0.545	7800	G	2013
6008) Gaisin I pino	0	То		0.70	.,,		4th St	. , ,	0,0			•	0.0.0		<b>O</b> .	
		From:					w Mtn Rd				Ì					
8009) Garden City Blvd	0.42	4700	G	97%	1%	1%	0%	0%	0%	F	0.106	F	0.639	5000	G	2013
		To				R	ay Rd									
8009) Garden City Blvd	1.36	5400 From:	G	97%	1%	1%	0%	0%	0%	С	0.089	F	0.557	5800	G	2013
,		To					Riverland I	Rd								
		From				WCI	Roanoke									
8010 Shenandoah Ave	2.13	11000	G	96%	1%	1%	0%	2%	0%	С	0.091	F	0.564	12000	G	2013
$\cup$		To				2	4th St									
8010) Shenandoah Ave	0.77	9100 From:	G	96%	1%	1%	0%	2%	0%	F	0.093	F	0.599	9700	G	2013
		То				1	5th St									
Shenandoah Ave	0.86	9400 From:	G	97%	1%	1%	1%	1%	0%	С	0.096	F	0.591	10000	G	2013
0010		То					5th St									
8010) Shenandoah Ave	0.66	5000 From:	G	97%	1%	1%	1%	1%	0%	F	0.098	F	0.703	5400	G	2013
8010)		To:	Ť				amson Rd	- , -				-			-	
		From:					Roanoke									
0gden Rd	0.55	8200	G	99%	0%	1%	0%	0%	0%	С	0.103	F	0.562	8700	G	2013
$\bigcirc$		To				WCI	Roanoke									
		From:				SCL	Roanoke									
8013) Grandin Rd	1.11	7600	G	99%	0%	1%	0%	0%	0%	С	0.102	F	0.539	8100	G	2013
$\overline{}$		To			US	11 Grandi	n Rd; Bran	don Ave								
		From:					Electric R									
<sub>8014</sub> ) Grandin Rd	0.55	5700	G	99%	0%	1%	0%	0%	0%	F	0.102	F	0.506	6000	G	2013
<u> </u>		To From				80-924	Wynmere I	Or			_					
8014) Grandin Rd	1.14	2500	G	99%	0%	1%	0%	0%	0%	С	0.106	F		2600	G	2013
$\smile$		To		-	-	Gars	t Mill Rd									
O =		From:					Webber E									
Franklin Rd	0.60	12000	G	99%	0%	1%	0%	0%	0%	С	0.096	F	0.626	12000	G	2013
<u> </u>		To: From:			T		Elm Ave; G liamson Rd									
R015) Tazewell Ave	0.54	5000	G	98%	0%	1%	0%	0%	0%	С	0.125	F	0.739	5300	G	2013
	0.01		_	-0/0	2,0			2,73	3,0			•	27. 30	3000	~	_5.0
$\overline{}$		From					9th St									0010
Tazewell Ave	ሀ 3ላ	4200	C	QQ0/_	Uo/-	10/-	0%	O°/-	Uo/-	F	ሀ 1ሪሪ	F	በ ጳዕፍ	<u> </u>	G	2111
Tazewell Ave	0.34	4200 <sub>To:</sub>	G	98%	0%	1%	0% 3th St	0%	0%	F	0.138	F	0.895	4500	G	2013
8015 Tazewell Ave	0.34		G	98%		1	3th St		0%	F	0.138	F	0.895	4500	G 	2013
Tazewell Ave	1.23	To	G G	98%		1			0%	F	0.138	F F	0.895	4500	G G	2013

Coverage   Part   Par							City	o noarior	i.e								
SR 117 Polars Circle Roundle   SR 117 Polars Circle Roundle Roundle   SR 117 Polars Circle Roundle Roundle   SR 117 Polars Circle Roundle	Route	Length	AADT	QA	4Tire	Bus					QC		QK		AAWDT	QW	Year
Covered   1.49   7500   G   95%   0%   15%   0%   0%   0%   C   0.088   F   0.514   8000   G   2015	City of Roanoke																
Hershberger Rd	Cove Bd	1 49			99%					Nº/a	С	0.088	F	0.514	8000	G	2013
Mod Lick Rd	3018) 0000 110	1.43		Ĕ	33 78	0 70			0 70	0 /0		0.000	•	0.514	0000	u	2010
Model Lick Red   1.43   2900   G   99%   9%   19%   09%   9%   9%   9%   0%   19%   09%   09%   0%   19%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%   09%			From									i					
Color   February   Color   C	8020 Mud Lick Rd	1.43	2900	G	99%	0%			0%	0%	F	0.131	F	0.672	3100	G	2013
Company   Comp			To						ve								
Memorial Ave   0.71   5200   G   99%   0.75   15%   0%   0%   F   0.106   F   0.537   5500   G   2013	Cdggwaad Ava	0.76		<u> </u>	000/	00/			00/	00/		0.104	_	0.506	6000	_	2010
Patterson Ave   1,74   5200   C   99%   0%   1%   0%   0%   0%   0%   F   0.06   F   0.537   5500   G   2015	Eugewood Ave	0.76	To	<u> </u>	99%	076			076	076	U	0.104	Г	0.506	6300	G	2013
Hershberger Rd	_		From														
Hershberger Rd	Memorial Ave	0.71	5200	G	99%	0%	1%	0%	0%	0%	F	0.106	F	0.537	5500	G	2013
Hershberger Rd			То				G	randin Rd									
SR 116 Riverland Rd	<u> </u>																
Second   S	Hershberger Rd	0.60		G	98%	0%			0%	0%	С	0.087	F	0.643	10000	G	2013
Bennington St SE   0.37   NA				1													
Riverside Terrace   Commission   Riverside Riverside   Riverside Terrace   Commission   Riverside Terrace   Commission   Riverside Terrace   Commission   Riverside Terrace   Commission   Riverside Riverside   Riverside Terrace   Commission   Riverside Terrace   Commission   Riverside Riversid	Bennington St SE	0.37		<u> </u>			SR 116	Riverland l	Kd			NΔ			NΙΔ		
Bennington St   0.54   11000   G   97%   1%   1%   1%   0%   0%   0%   C   NA   12000   G   2013	BUZZ DOMINIGUM SUSE	0.07	IVA									11/7			13/7		
13th St   0.78   13000   G   98%   0%   1%   1%   1%   0%   C   NA	Rennington St	0.54	From	<u>۔</u>	070/	10/				00/		NΙΛ			12000	G	2012
Carlisk Avenue   Section   Carlisk Avenue   Se	8023) Derinington St	0.04	To	<u> </u>	31 /0	1 /0			U /0	0 /0	U				12000	u	2013
SR 24 Jamison Ave; Bulilit Avenue   SR 24 Jamison Ave   SR 24 Jamison Ave   SR 24 Jamison Ave; Bulilit Avenue   SR 24 Jamison Ave   SR 24 Jamison Ave; Bulilit Avenue   SR 24 Jamison Ave   SR 24 Jamison Ave; Bulilit Avenue   SR 24 Jamison Ave   SR 24 Jamison Av			From														
13th St	13th St	0.78	13000	G	98%	0%	1%	1%	1%	0%	С	NA			14000	G	2013
14th St   0.07   1700   G   95%   2%   2%   1%   0%   0%   C   0.082   F   0.934   1800   G   2013			To From			SR 2	4 Jamiso	n Ave; Bulli	tt Avenue	)							
14th St   0.07   1700   G   95%   2%   2%   1%   0%   0%   C   0.082   F   0.934   1800   G   2013	13th St	0.41	5400	G	97%	0%	1%	1%	0%	0%	С	0.090	F	0.639	5800	G	2013
Norfolk Ave   Norfolk Ave   Habst			To From				V	Vise Ave									
Norfolk Ave   0.05   7100   G   98%   0%   1%   1%   1%   0%   F   0.093   F   0.504   7500   G   2013	14th St	0.07	1700	G	95%	2%	2%	1%	0%	0%	С	0.082	F	0.934	1800	G	2013
Norfolk Ave   0.05   7100   G   98%   0%   1%   1%   1%   0%   F   0.093   F   0.504   7500   G   2013	<u> </u>		To				No										
Hollins Rd   1.75	Norfolk Ave	0.05	7100	G	98%	0%	1%		1%	0%	F	0.093	F	0.504	7500	G	2013
Hollins Rd   0.39   7700   G   92%   1%   2%   2%   3%   0%   C   0.084   F   0.526   8200   G   2013	3023)		То														
Second   Colored   Color	O			<u> </u>												_	
SR 115 Hollins Road   1.75	Hollins Rd	0.39	7700	G							C	0.084	F	0.526	8200	G	2013
Secondary   Company   Co			From			US 460,				Ave							
NCL Roanoke; 80-605   Nountain View Terrace   0.44   1600   G   97%   0%   2%   0%   0%   0%   0%   F   0.090   F   0.6   1700   G   2013	8023) Old Mountain Rd	1.75	6800	G	98%	0%				0%	F	0.101	F	0.628	7200	G	2013
Mountain View Terrace 0.44 1600 G 97% 0% 2% 0% 0% 0% F 0.090 F 0.6 1700 G 2013    String St			To	c			NCL R	oanoke; 80-0	505								
Secondary   Seco			From														
Mountain View Terrace   0.05   1600   N   97%   0%   2%   0%   0%   0%   N   0.090   N   0.6   1700   N   2013	Mountain View Terrace	0.44	1600	G	97%	0%	2%	0%	0%	0%	F	0.090	F	0.6	1700	G	2013
Chesterfield St	<u> </u>		To From				I	Bridge St									
Chesterfield St   0.22   1000   G   97%   0%   2%   0%   0%   0%   0%   F   0.105   F   0.504   1100   G   2013	Mountain View Terrace	0.05	1600	N	97%	0%			0%	0%	N	0.090	Ν	0.6	1700	N	2013
Chesterfield St  0.22 1000	<u> </u>		To						rogo								
New	8024) Chesterfield St	0.22	1000	G	97%	0%				0%	F	0.105	F	0.504	1100	G	2013
Solid   Soli	0024		То														
Solution   St   St   St   St   St   St   St   S			From														
Solution   State   S	8025) Jefferson St	0.43	6900	G	97%	0%			0%	0%	F	NA			7600	G	2013
Solution   St   14000   G   97%   0%   2%   0%   0%   0%   C   0.086   F   0.565   15000   G   2013	$\overline{}$		To				Re	serve Ave				_					
Walnut Ave   128-8029   Brandon Ave   128-80	Jefferson St	0.40		G	97%	0%	2%	0%	0%	0%	С	0.086	F	0.565	15000	G	2013
23rd St 0.27 7300 G 97% 0% 2% 0% 0% 0% F 0.088 F 0.554 7800 G 2013    Colonial Ave   Sussem Ave	$\overline{}$		To				W	alnut Ave									
Colonial Ave   From   Bus US 11; Salem Ave SW; 2nd St SW   Substitute   Substitut							128-802		Ave								
Bus US 11; Salem Ave SW; 2nd St SW	<sub>8027</sub> ) 23rd St	0.27		G	97%	0%			0%	0%	F	0.088	F	0.554	7800	G	2013
Patterson Ave 1.04 <b>5400 G</b> 95% 0% 2% 1% 2% 0% C 0.093 F 0.577 5700 G 2013				<u></u>													
Patterson Ave 0.53 <b>2600 G</b> 95% 0% 2% 1% 2% 0% F 0.090 F 0.505 2700 G 2013		40:		٦	0501						_		_	0	F766		00:
Ratterson Ave 0.53 <b>2600 G</b> 95% 0% 2% 1% 2% 0% F 0.090 F 0.505 2700 G 2013	Patterson Ave	1.04	5400	G	95%	0%	2%	1%	2%	υ%	C	0.093	F	0.5/7	5/00	G	2013
	<u> </u>														<u> </u>		
To: US 11 Campbell Ave	Patterson Ave	0.53			95%	0%				0%	F	0.090	F	0.505	2700	G	2013

Composition							Oity of Hourio	illo								
Composition	Route	Length	AADT	QA	4Tire	Bus				QC		QK		AAWDT	QW	Year
Second Principle   Second Prin	City of Roanoke															
Brandon Ave   0.92   21000   G   59%   0%   1%   0%   0%   0%   0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0 0%   0	(8029) Brandon Ave	0.82		G	99%	0%		0%	0%	F	0.082	F	0.522	16000	G	2013
Brandon Ave   0.92   21000   G   99%   0%   1%   0%   0%   0%   0   000   F   0.529   23000   G   2013	$\overline{}$		To					ı Ave								
Loudon St   1,23   1700   G   95%   1%   3%   6%   6%   6%   6%   6%   6%   6	8029 Brandon Ave	0.92	21000	G	99%	0%	1% 0%	0%	0%	С	0.087	F	0.529	23000	G	2013
Comparison   Com			To				Franklin Rd									
County   C	O		From												_	
Country   Coun	(8030) Loudon St	1.23	1700	G	95%	1%		0%	0%	С	0.094	F	0.601	1800	G	2013
Single Ave   0.36   380   G   95%   07%   27%   17%   27%   07%   F   0.107   F   0.649   400   G   2013	Loudon St	0.43	920 From	G	95%	1%		0%	0%	F	0.109	F	0.567	980	G	2013
Maple Ave   0.36   380   G   95%   0%   2%   1%   2%   0%   F   0.107   F   0.649   400   G   2013	6030) =======		То													
SR 10 befores St			From				Dead End									
Control   Cont	(8031) Maple Ave	0.36	380	G	95%	0%	2% 1%	2%	0%	F	0.107	F	0.649	400	G	2013
Overland Rd	<u> </u>		To				SR 116 Jefferson	St								
Colonial Ave	_		From				Brambleton Av	e								
Sign	8032 Overland Rd	0.32	10000	G	98%	1%	1% 0%	0%	0%	F	0.117	F	0.521	11000	G	2013
Second Strict   Str	<u> </u>		То	<u> </u>			Colonial Ave									
Salem Ave	O === =														_	
Second   S	(8035) 5th St	0.37	7600	G	98%	1%	1% 0%	0%	0%	С	NA			7100	G	2013
Compage Ave			To From				Salem Ave				$\Box$					
Compage Ave	(8035) 5th St	0.78	2800	G	98%	1%	1% 0%	0%	0%	F	0.101	F	0.517	3000	G	2013
Second Broadway Ave   0.47   8100   G   99%   0%   0%   0%   0%   0%   0%   0	$\overline{}$		То	<u> </u>			Orange Ave									
Milliamson Rd   Milliamson R	<u> </u>															
South   Fleming Ave   0.87   1300   G   99%   0%   1%   0%   0%   0%   0%   F   0.092   F   0.639   1400   G   2013	(8036) Broadway Ave	0.47	8100	G	99%	0%			0%	С	0.09	F	0.630	8600	G	2013
			То	<u> </u>			McClanahan S	t								
Plantation Rd	<u> </u>				0000					_		_	0.05-		_	
Part	(8038) Fleming Ave	0.87		G	99%	0%		0%	0%	F	0.092	F	0.639	1400	G	2013
Bridge St   0.45   3000   G   99%   0%   1%   0%   0%   0%   0%   0%   0																
Patterson Ave   Patterson Ave   Patterson Ave   Patterson Ave   Patterson Ave   Patterson St   Patterson	O D : 1 O:	0.45		<u> </u>	000/	00/			201			_	0.540	0000	_	0010
Second   Property	8039 Bridge St	0.45		G	99%	0%			0%	F	0.093	F	0.519	3200	G	2013
Secretary   Secr											<u> </u>					
	Paganya Aya	0.07		<u> </u>	070/	00/		10/	00/		0.000	_	0.500	E000	C	2012
10th St   0.07   5400   G   97%   0%   1%   1%   1%   0%   F   0.087   F   0.561   5700   G   2013	(8040) Heserve Ave	0.37		G	9/%	0%		1%	υ%	F	0.098	۲	0.593	0008	G	2013
10th St   0.07   5400   G   97%   0%   1%   1%   1%   1%   0%   F   0.087   F   0.561   5700   G   2013											<u> </u>					
128-8028 Patterson Ave   128-8028 Patterson Ave   128-17 Salem Ave SW   128-17 Salem Ave Salem Ave SW   128-17 Salem Ave SW   128-	10th St	0.07		<u> </u>	070/	00/			Nº/	Е	0.097	_	0 561	5700	G	2012
10th St   0.12   5900   G   97%   0%   1%   1%   1%   0%   F   0.083   F   0.534   6300   G   2013	8041) 10111 31	0.07	5400		JI /0	U /0			U /0	ı,	0.007	1.	0.501	3700	G	2013
128-17 Salem Ave SW   10th St   0.75   7100   G   97%   0%   1%   1%   1%   0%   F   0.088   F   0.534   7500   G   2013		0.10	From	َ	0701	001			00′				0.504	0000		0010
10th St   0.75   7100   G   97%   0%   1%   1%   1%   0%   F   0.088   F   0.534   7500   G   2013	(8041) 10th St	0.12	5900	G	9/%	υ%	1% 1%	1%	υ%	F	0.083	F	0.534	6300	G	2013
10th St   10th																
8041 10th St 0.84 10000 G 97% 0% 1% 1% 1% 0% F 0.083 F 0.539 11000 G 2013    10th St   0.56   7600 G 99% 0% 1% 0% 0% 0% 0% C 0.087 F 0.511 8100 G 2013   10th St   0.56   7600 G 99% 0% 1% 1% 1% 1% 0% F 0.093 F 0.672 1400 G 2013   10th St   0.57   1300 G 97% 0% 1% 1% 1% 1% 0% F 0.093 F 0.672 1400 G 2013   10th St   0.57   1300 G 97% 0% 1% 1% 1% 1% 0% F 0.093 F 0.672 1400 G 2013   10th St   0.58   10th St	(8041) 10th St	0.75	7100	G	97%	0%	1% 1%	1%	0%	F	0.088	F	0.534	7500	G	2013
SR 116 Mt Pleasant Blvd   SR 116 Mt Pleasant Blvd   SR 116 Mt Pleasant Blvd   SCL Roanoke   Solem Ave   Salem Ave   Solem Av	<u> </u>		To From													
10th St   0.56   7600   G   99%   0%   1%   0%   0%   0%   C   0.087   F   0.511   8100   G   2013	(8041) 10th St	0.84	10000	G	97%	0%	1% 1%	1%	0%	F	0.083	F	0.539	11000	G	2013
8041 10th St 0.56 7600 G 99% 0% 1% 0% 0% 0% C 0.087 F 0.511 8100 G 2013    SR 116 Mt Pleasant Blvd   SR 116 Mt Pleasant Bl			To				I-581 Overpass	S			$\supset$ —					
SR 116 Mt Pleasant Blvd   SR 116 Mt Pleasa	(8041) 10th St	0.56		G	99%	0%			0%	С	0.087	F	0.511	8100	G	2013
Rutrough Rd  0.57  1300  G  97%  0%  1%  1%  1%  0%  F  0.093  F  0.672  1400  G  2013  From  Patterson Ave  8045)  Boulevard St  0.16  7600  G  97%  0%  1%  1%  1%  0%  F  0.086  F  0.542  8100  G  2013  8045)  Boulevard St  0.25  9200  G  97%  0%  1%  1%  1%  0%  F  0.087  F  0.536  9900  G  2013  8045)  8045)  8045)  8045)  8045)  8045)  8045)  8045)  8045)  8045)  8046)  8047)  8047)  8048)  8048)  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  8049  80	$\overline{}$		To				Williamson Rd	l								
Salem Ave   Sale			From				SR 116 Mt Pleasant	Blvd								
Patterson Ave   Patterson Av	(8042) Rutrough Rd	0.57	1300	G	97%	0%			0%	F	0.093	F	0.672	1400	G	2013
8045 Boulevard St 0.16 <b>7600 G</b> 97% 0% 1% 1% 1% 0% F 0.086 F 0.542 8100 G 2013    Salem Ave   Salem Av	$\overline{}$		To		-		ECL Roanoke		-							
Salem Ave   Sale																
Boulevard St 0.25 9200 G 97% 0% 1% 1% 1% 0% F 0.087 F 0.536 9900 G 2013    Solution   So	(8045) Boulevard St	0.16	7600	G	97%	0%	1% 1%	1%	0%	F	0.086	F	0.542	8100	G	2013
Boulevard St 0.25 9200 G 97% 0% 1% 1% 1% 0% F 0.087 F 0.536 9900 G 2013    Solution   So	$\overline{}$		To From				Salem Ave				<u> </u>					
Baker Ave    Baker Ave	8045) Boulevard St	0.25	9200 From	G	97%	0%		1%	0%	F	0.087	F	0.536	9900	G	2013
(8045) 24th St 0.41 9300 G 97% 0% 1% 1% 1% 0% F 0.083 F 0.509 9900 G 2013	$\cup$		To													
	8045) 24th St	0.41	9300 From	G	97%	0%		1%	0%	F	0.083	F	0.509	9900	G	2013
	0073)			_	/ -	- / -	Melrose Ave	. , •	•	-		-			-	5

						Oity 0	rrioanoi	10								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle	_		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke																
Riverdale Rd	0.78	1500	G	97%	0%		nington St	1%	0%	F	0.105	F	0.659	1600	G	2013
Riverdale Rd	0.76	1500 <sub>To</sub>		9170	076	1% ECI	1% Roanoke	170	0%		0.103	Г	0.659	1600	G	2013
		From					ange Ave				i					
Gus Nicks Blvd	0.70	16000	G	97%	0%	1%	1%	1%	0%	С	0.09	F	0.66	17000	G	2013
3030)		То					Roanoke									
		From				Orange	Ave; US 4	60								
Burwell St	0.35	5300	G	97%	0%	1%	1%	1%	0%	F	0.1	F	0.625	5600	G	2013
<u> </u>		To					berty Rd									
3053) Liberty Rd	0.74	4200	G	99%	0%	1%	urrell St 0%	0%	0%	С	0.101	F	0.596	4500	G	2013
Liberty Rd	0.74	4200		JJ 70	0 70			0 70	0 70		0.101	•	0.550	4300	ч	2010
Liberty Rd	0.40	4500	<u> </u>	99%	0%	Will 1%	iamson Rd 0%	0%	0%	F	0.097	F	0.535	4800	G	2013
Liberty Nu	0.40	4300 To	G	9970	076		ntation Rd	076	0%		0.097	Г	0.555	4000	G	2013
		From														
King St	1.46	10000	G	99%	0%	1%	Nicks Blvd 0%	0%	0%	F	0.092	F	0.532	11000	G	2013
		То					Orange A									
		From					8 Salem T				ĺ					
Westside Blvd	0.65	3100	G	99%	1%	1%	0%	0%	0%	F	0.092	F	0.527	3300	G	2013
$\mathcal{L}$		To				US 460	Melrose A	ve								
Westside Blvd	0.54	5500 From	G	99%	1%	1%	0%	0%	0%	С	0.095	F	0.568	5900	G	2013
<u></u>		To				SR 101 F	Hershberge	r Rd								
		From				SR 117 P	eters Cree	k Rd								
128-8008 Salem Trnpl	k	6800	G								NA			6800	G	2013
		To				3	36th St									
		From				D	ale Ave									
13th Street		7600	G	97%	0%	1%	1%	1%	0%	С	NA NA			7600	G	2013
		To				Ste	wart Ave									
4711 01		From	Ļ			Ce	ntre Ave					_	0.500	0.1.0	•	004
17th St		200 <sub>To</sub>	G				1 4				0.129	F	0.586	210	G	2013
			<u> </u>				ıdon Ave				<u> </u>					
18th St		110	G			Edg	erton Ave				0.140	F	0.531	110	G	2013
10(11 3)		To				Riv	erdale Rd				0.140	'	0.551	110	G	2010
		From														
19th St		1500	G			Ora	ange Ave				0.082	F	0.537	1600	G	2013
		То	<u> </u>			Har	nover Ave					•				_0.0
		From					iker Ave				Ī					
25th St		930	G			20					0.095	F	0.517	1000	G	2013
		To				Ce	ntre Ave									
		From				D	ale Ave									
7th St		460	G								0.112	F	0.583	500	G	2013
		То				Ste	wart Ave									
		From				Whi	te Oak Rd									
Augabam Aug		4600	G								0.081	F	0.569	4900	G	2013
Avenham Ave																
Avermani Ave		То					desdale St									
		To					desdale St ndsor Rd				0.111	_	0.55	100		001
Barnhill Ln		То	G			Wi	ndsor Rd				0.144	F	0.55	120	G	2013
		From 110	G			Wi	ndsor Rd andin Rd				0.144	F	0.55	120	G	2013
Barnhill Ln		From 110  From				Wi	ndsor Rd									
		From 110	G G			Wi Gr	andin Rd				0.144	F	0.55	120	G G	
Barnhill Ln		From 110 To From 1200 To To				Wi Gr:	andin Rd Clyde St Cline St									2013
Barnhill Ln		From 1200				Wi Gr:	andin Rd									

<b>5</b> .					Truck		K	٠.٠	Dir			
Route	Length AADT	QA	4Tire	Bus	2Axle 3+Axle 1Trail	OC.	Factor	QK	Factor	AAWDT	QW	Year
tv of Roanoke	From	ı			Memorial Ave							
Fauquier St	1700	G			Monoral TVC		0.096	F	0.558	1800	G	2013
	To				Denniston Ave							
Forest Park Blvd	1600	G			Olive Ave		0.091	F	0.610	1700	G	2013
TOTEST FAIR DIVU	To				Alder St		0.091	'	0.010	1700	G	2013
	From				Collingwood St							
Fugate Rd	1100	G					0.104	F	0.576	1100	G	2013
	To	c			Luray St							
Greenbrier Ave	130	G			Kenwood Blvd		0.087	F	0.6	140	G	2013
dicclibiter Ave	To				19th St		0.007	'	0.0	140	u	2010
	From	:			Hershberger Rd							
Hazelridge Rd	310	G					0.121	F	0.588	340	G	2013
	To				Vincient Ave							
Haritago Pd	170				Dogwood Ln S		0.121	F	0.500	100	C	2017
Heritage Rd	170	G			Dogwood La N		0.131	ľ	0.592	180	G	2013
	From				Hershberger Rd		i					
Hildebrand Rd	1600	G					0.108	F	0.546	1700	G	201
	To	c			Whitney Ave							
1.121. 1 A	From				Troxell Rd			_	0.544	4.40	_	004
Hillview Ave	130	G			Ventnor Rd		0.153	F	0.544	140	G	201
	From			- Do	ump from I-581 N to Elm Ave		<u> </u>					
I-581 North and South	NA			Ka	unp from 1-381 N to Eini Ave		NA			NA		
	To	c		Ra	imp from Elm Ave to I-581 N							
	From	i:			Lansing Dr							
Langdon Rd	160	G					0.115	F	0.546	170	G	201
	From	<u> </u>			Fairway Dr							
Liberty Rd	180	L			Hollins Rd		0.107	F	0.609	200	G	201
	To				Norton Ave			•	0.000		<u> </u>	
	From	:			Oakland Ave							
Maplelawn Ave	230	G					NA			250	G	201
	To	c			Link St							
Maadaw Bun Dr	From				Brook Run Dr					200	C	201
Meadow Run Dr	280 <sub>тс</sub>	G			Spring Tree Dr		NA T			300	G	201
	From				Northwood Dr		$\dashv$					
Meadowbrook Rd	1200	G					NA			1300	G	201
	To	:			Sloan Rd							
	From	-			King St						_	
Mecca St	<b>2500</b>	G			Dalla Ava		NA			2800	G	201
	From	1			Belle Ave							
Melcher St	340	G			Yellow Mt Rd		 NA			360	G	201
	To				Carico Ave							
	From				Vermont Ave							
Monroe St	1200	G					NA			1300	G	201
	To	1			Maine Ave							
Montorov Dd	From				Old Mountain Rd		NIA			1000		004
Monterey Rd	<b>930</b>	G			Dead End		NA T			1000	G	201
	From	:			Morningside St		<del></del>					
Montrose Ave	1800	G			morningoide of		NA			1900	G	201
	To	c			11th Half St							

					-		-							
Route	Length AADT	QA	4Tire	Bus		Truc 3+Axle 1		(AC)	K Factor	QK	Dir Factor	AAWDT	QW	Yea
of Roanoke	Fron				Α.	viation Dr								
Municipal Airport Entra		G			A	viation Di			NA			3300	G	201
	To					Airport								
	Fron	i:			W	insloe Dr								
Oaklawn Ave	520	G							NA			550	G	201
	To	c			Haz	zelridge Rd								
	Fron				Co	olonial Ave								
Persinger Rd	1700	G			751	C 11 D1 1			0.093	F	0.717	1800	G	201
		<u> </u>				efield Blvd								
Portland Ave	990	G			(	Cove Rd			NA			1000	G	201
Tottland Ave	330 To					Oleva St						1000	u	201
	Fron	:				oring Branch F	2d							
Ray Rd	320	G			TICW DE	ning Branen i	· ·		NA			340	G	201
	Te	c			Ι	Dead End								
	Fron				Gu	ın Club Rd								
Renfro Blvd	210	G							NA			220	G	201
	Te					Pilot St								
	Fron				M	labry Ave							_	
Reynolds Rd	850	G							0.115	F	0.760	910	G	201
	11	1				L Roanoke								
Richard Ave	From <b>1000</b>	G			Ca	nnaday Rd			0.117	F	0.589	1100	G	201
nicilalu Ave	TOOU				<u> </u>	Mecca St			0.117	Г	0.569	1100	G	201
	Fron	·				sissippi Ave								
Ridgefield St	150	G			14115	sissippi Ave			0.112	F	0.526	160	G	201
	Te	:			N	orton Ave								
	Fron	i:			]	Burks St								
Roanoke Ave	610	G							0.097	F	0.728	650	G	201
	Te	c			]	Byrne St								
	Fron					19Th St				_			_	
Salem Ave	2200	G				aomi a			0.077	F	0.559	2300	G	201
		1				20Th St								
Sweetbrier Ave	Fron <b>160</b>	G			Ros	sewood Ave			NA			170	G	201
Sweetbrief Ave	1 <b>00</b>					Clifford St						170	G	201
	Fron					eyerle Rd								
Valentine Ave	390	G			D	cyclic Ru			NA			420	G	201
	To	:			Kno	ollwood Rd								
	Fron	i:			]	Ring Rd								
Valley View Blvd NW	12000	G							NA			12000	G	201
	T. Fron				Valley	View Blvd N	W		$\neg$					
Valley View Blvd NW	14000	G							NA			14000	G	201
	To Fron				Valley	View Blvd N	W		$\neg$ —					
Valley View Blvd NW	16000	G							NA			16000	G	201
	Te					I-581								
	Fron				I	Eanes Rd								
Ventnor Rd	760	G			·				NA			810	G	201
	Te	1				llview Ave								
Vinyard Assa	Fron				C	Omar Ave						20	C	001
Vinyard Ave	<b>20</b>	G			Λ	Atherly St			NA			20	G	201
	Fron													
Virginia Ave	200	G				Comer St			NA			220	G	201
9					_	Dead End			—i					_0.

Route	Length	AADT	QA	4Tire	Bus	Truck 2Axle 3+Axle 1Trail 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
ity of Roanoke						ZAXIE STAXIE III ZII ZII ZII ZII ZII ZII ZII ZII Z		i actor		i actor			
ity of Roanoke		Fron	n:			Woodbury St							
Whitney Ave		980	G			•		NA			1000	G	2013
<u> </u>		To	o:			Hubert Rd							
		Fron	1:			Winterberry Lane		Ī					
Willow Oak Dr		160	G					0.151	F	0.571	170	G	2013
		To	D:			Willow Oak Circle							
		Fron	n:			Edgewood St							
Windsor Ave		1300	G					NA			1400	G	2013
		To	o:			Derwent Dr							