### 2011

# 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.

1Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

K Factor: The estimate of the portion of the traffic volume traveling during the peak hour or design hour.

QK: Quality of the K Factor estimate:

- A Factor based on 30th Highest Hour Observed During at least 250 days of Continuous Traffic Data
- B Factor based on other Hour Observed During Less than 250 days of Continuous Traffic Data
- F Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of design hour
- N Design Hour Factor (K Factor) of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the peak hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

### Route Shield Legend

### Route Systems

North 81	Interstate Route	Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.
29	US Route	
7	Virginia State Rou	te
(F241)	Frontage Road (F	precedes frontage route number)
(600)	Secondary Route	

### **Special Routes**

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

- P Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.
- The VDOT Maintainenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

							Tru	ıck			K		Dir		
Route	Jurisdiction	Length A	AADT QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
	From:	EC	L Salem												
11 Brandon Ave	City of Roanoke	1.35 <b>1</b>	9000 G	98%	0%	1%	0%	0%	0%	F	0.094	F	0.621	22000	G
<u> </u>	To	Edgewood :	St; Mud Lick Rd			_									
Til Brandon Ave	City of Roanoke		3000 G	98%	0%	1%	0%	0%	0%	F	0.084	F	0.571	14000	G
	To:	Gra	andin Rd												
~~	From:		ndon Ave												
(11) Grandin Rd	City of Roanoke		7500 G	98%	0%	1%	0%	0%	0%	F	0.093	F	0.620	8500	G
<del>~</del>	From:		orial Avenue andin Rd												
11 Memorial Avenue	City of Roanoke		11000 A	98%	0%	1%	0%	0%	0%	С	0.111	Α		13000	Α
(11) Memorial Avenue	To:		pbell Ave	30 /0	070	170	070	078	070	C	0.111	^		13000	^
	From:		13th St												
Campbell Ave	City of Roanoke	0.53	4400 G	98%	0%	1%	0%	0%	0%	F	0.098	F	0.597	5000	G
	To		7th St												
11 Campbell Ave	City of Roanoke		5600 G	98%	0%	1%	0%	0%	0%	F	0.083	F	0.542	6300	G
(11) Campbell Ave	Only of recurrence			3070	070	170	070	070	070	•	0.000	•	0.012	0000	O
~~~	From:		3rd St	2221			221			_		_			_
(11) Campbell Ave	City of Roanoke	0.28	6900 G	98%	0%	1%	0%	0%	0%	F	0.08	F	0.738	7800	G
~	To- From:	US 221	Jefferson St												
11 Campbell Ave	City of Roanoke	0.16	6900 N	98%	0%	1%	0%	0%	0%	Ν	80.0	Ν	0.738	7800	Ν
$\hookrightarrow$	To:		iamson Rd												
MACHE AND BUT	From:		pbell Ave	000/	00/	40/	00/	00/	00/	_	0.000	_	0.507	05000	_
11 221 116 Williamson Rd	City of Roanoke	0.15 <b>2</b>	22000 G	98%	0%	1%	0%	0%	0%	F	0.089	F	0.527	25000	G
~~~~	To- From:	Shena	andoah Ave												
(11) (221) (116) Williamson Rd	City of Roanoke	0.15 <b>1</b>	5000 G	98%	0%	1%	0%	0%	0%	F	0.099	F	0.723	17000	G
$\bigcirc$	To:		I-581												
(11) (221) (116) Williamson Rd	City of Roanoke		2000 G	99%	0%	0%	0%	0%	0%	F	0.082	F	0.556	12000	G
	To	110 460	Orange Ave												
11 Williamson Rd	City of Roanoke		4000 G	99%	0%	0%	0%	0%	0%	F	0.079	F	0.502	14000	G
(11) Williamson Rd	Oily of Roanoice			3370	070	070	070	070	070	'	0.073	'	0.502	14000	0
~~	To: From:		berty Rd							_		_			_
(11) Williamson Rd	City of Roanoke	0.51 <b>1</b>	5000 G	99%	0%	0%	0%	0%	0%	F	80.0	F	0.508	16000	G
~	To: From:	1	10th St												
11 Williamson Rd	City of Roanoke	1.27 <b>1</b>	18000 G	99%	0%	0%	0%	0%	0%	F	0.077	F	0.501	18000	G
$\bigcirc$	To:	SR 101 H	Hershberger Rd			<b>—</b> —									
11 Williamson Rd	City of Roanoke		8000 G	99%	0%	0%	0%	0%	0%	F	0.085	F	0.514	19000	G
	To:														
11 Williamson Rd	City of Roanoke		8 Airport Rd 1 <b>7000 G</b>	99%	0%	00/	00/	0%	0%	F	0.084	F	0.51	17000	G
(11) Williamson Rd	City of Roarioke		Roanoke	99%	U%	0%	0%	U%	U%	г	0.064	г	0.51	17000	G
North	From:		Villiamson Rd								N 1 A			N.1.A	
(11) Ramp	City of Roanoke (Maint: 80)		NA								NA			NA	
•	To:	I-58	81 North												

### 2011 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	- QV
ALT	From:		ECL Salem													
11 460 Melrose Ave	City of Roanol	ke 0.65	16000	G	96%	1%	1%	1%	2%	0%	F	0.088	F	0.517	18000	G
ALT	To: From:	SR 117	Peters Cre	ek Rd												
11) (460) Melrose Ave	City of Roanol	ke 1.75	13000	G	96%	1%	1%	1%	2%	0%	F	0.086	F	0.507	14000	G
ALT	To: From:		24th St													
11) (460) (116) Melrose Ave	City of Roanol	ke 0.41	12000	G	96%	1%	1%	1%	2%	0%	F	0.086	F	0.511	14000	G
~~~	To	Sa	lem Turnpil	ke												
11) (460) (116) Orange Ave	City of Roanol		13000	G	96%	1%	1%	1%	2%	0%	F	0.082	F	0.501	15000	G
11) 460 (116) Grange Ave	City of Roalion				30 /0	1 /0	1 /0	1 /0	270	0 70	ı	0.002	•	0.501	13000	
LT ~~~	From:		ST, Gainsbo								_					
11 (460) (116) Orange Ave	City of Roanol	ke 0.90	18000	Α	96%	1%	1%	1%	2%	0%	С	0.092	Α		19000	P
LT ALT	To: From:	I-581, U	S 220, ALT	SR 220												
11) (460) (116) (220) Orange A	ve City of Roan <u>ol</u>	ke 0.24	37000	G	96%	1%	1%	1%	2%	0%	F	0.081	F	0.633	40000	G
~~~~~	To:	US 11	Williamso	n Rd												
	From:		16 Jefferso		070/	407	40/	201	407	00/	_	0.070	_	0.505	40000	,
Elm Avenue	City of Roanol	ke 0.17	16000	G	97%	1%	1%	0%	1%	0%	F	0.078	F	0.505	18000	C
24) Elm Avenue	To: From: City of Roanol	ke 0.25	I-581 <b>27000</b>	G	97%	1%	1%	0%	1%	0%	С	0.085	F	0.567	29000	(
Elm Avenue	City of Roalion				91 /0	1 /0	1 /0	076	1 /0	0 /0	C	0.003		0.307	29000	
24) Bullitt Avenue	City of Roanol		24 Par, 6th 12000	St G	98%	0%	1%	0%	1%	0%	С	0.11	F		12000	G
24) Buille / World	Combined Traffic Estimates for 2 Parallel			G	98%	0%	1%	0%	1%	0%	C	0.087	F	0.608	26000	G
	To:		24 P, 13th	St												
24 Jamison Ave	From: City of Roanol	ke 0.19	13th St 27000	G	98%	0%	1%	0%	1%	0%	F	0.09	F	0.627	29000	G
24 Jamison Ave	City of Roalion		Dale Ave		90 /0	076	1 /0	076	1 /0	0 /0	-	0.09		0.027	29000	
	From:		amison Ave													
Dale Ave	City of Roanol ™.Г		26000	G	98%	0%	1%	0%	1%	0%	С	0.092	F	0.63	28000	G
	From:		CL Roanok													
24) Ramp	City of Roanoke (Ma		ROM RT 5	81 S &								NA			7400	G
24) ((anp	Tr.	US 220 FROM			REET							14/1			7-100	•
	From:	SR 24	ΓΟ RT 581	N&F												
Ramp	City of Roanoke (Ma	,	14000	G								NA			14000	C
<u> </u>	To:	I-581-N FROM	RT 2400-1	ELM ST	REET											
Jameia an Aug	From:	0.00	6th St		000/	00/	40/	00/	40/	00/		0.400	_		42000	
Jamison Ave	City of Roanol Combined Traffic Estimates for 2 Parallel		12000	G	98%	0% 0%	1% 1%	0% 0%	1% 1%	0% 0%	C C	0.102	F	0 600	13000	0
	Complined Framic Estimates for 2 Parallel	Noauways on this Route:	<b>24000</b>	G	98%	0%	1%	0%	1 70	U%	U	0.087	Г	0.608	26000	G

### 2011 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

						Tru	ıck			K		Dir		
Route	Jurisdiction	Length AADT Q	<b>A</b> 4Tire	e Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
	From:	SR 117 Peters Creek R												
101) Hershberger Rd	City of Roanoke	1.34 <b>9100 G</b>	99%	0%	1%	0%	0%	0%	С	0.094	F	0.502	9800	G
<u> </u>	To: From:	SR 116 Cove Rd												
101 Hershberger Rd	City of Roanoke	0.58 <b>24000 G</b>	96%	1%	1%	1%	1%	0%	F	0.09	F	0.514	28000	G
<u> </u>	To:	I-581 I-581 Valley View Blvd	N											
101)Hershburger Rd	City of Roanoke	1.25 <b>36000</b> G		1%	1%	1%	1%	0%	F	0.088	F	0.527	41000	G
101) Hershburger Na	To:	US 11 Williamson Rd		170	170	170	1 /0	070	•	0.000	'	0.021	71000	O
Foot	From:	SR 101 TO RT 581 SOU												
East 101 Ramp	City of Roanoke (Maint: 80)	0.30 <b>NA</b>	IH.							NA			NA	
101) Kamp		I-581-S FROM RT 101 EAST00- HE	RSHBERG	îER						INA			INA	
East	From:	SR 101 I-581-N004B FROM &												
101 Ramp	City of Roanoke (Maint: 80)	0.18 <b>NA</b>	10 K1 36							NA			NA	
101)		I-581-N FROM RT 101 EAST00- HE	ERSHBERG	GER									10.	
West	From:	SR 101 I-581-S004A FR & TO												
101 Ramp	City of Roanoke (Maint: 80)	0.18 <b>NA</b>	K1E 361							NA			NA	
101)	` <u></u>	I-581-S FROM RT 101 WEST00- HE	ERSHBERG	GER									10.	
West	From	SR 101 Hershburger Re												
101 Ramp	City of Roanoke (Maint: 80)	0.27 <b>6000</b> G		0%	0%	0%	1%	0%	С	0.104	F		6000	G
101)	To:	I-581 North	0070	0,0		070	170	070	Ū	0.101	•		0000	Ŭ
	From:	Orange Ave												
115 Hollins Rd	City of Roanoke	1.02 <b>7100 G</b>	95%	0%	1%	1%	2%	0%	С	0.091	F	0.597	7700	G
113)	To:	Liberty St		0,0		.,0	_,,	0,0	·	0.00.	•	0.00.		
	From:	Hollins Rd												
115 Liberty Rd	City of Roanoke	0.30 <b>4700 G</b>	95%	0%	1%	1%	2%	0%	F	0.098	F	0.618	5100	G
$\smile$	To:	Plantation Rd												
Diantation Dd	City of Roanoke	Liberty Rd	97%	0%	1%	40/	40/	0%	_	0.007	F	0.500	0600	G
Plantation Rd	City of Roanoke	0.88 <b>8900 G</b>	9/%	0%	1%	1%	1%	0%	С	0.087	Г	0.569	9600	G
	To: From:	Hollins Rd												
115) Plantation Rd	City of Roanoke	0.66 <b>15000 G</b>	97%	0%	1%	1%	1%	0%	С	0.087	F	0.539	17000	G
<u> </u>	To:	NCL Roanoke												
	From:	SCL Roanoke												
116)Mt Pleasant Blvd	City of Roanoke	0.70 <b>8600 G</b>	98%	0%	1%	0%	0%	0%	F	0.104	F	0.847	8100	G
<u> </u>	To: From:	Riverland Rd												
116) Riverland Rd	City of Roanoke	Mt Pleasant Blvd 0.62 <b>9800 G</b>	98%	0%	1%	0%	0%	0%	С	0.099	F	0.843	9200	G
116) Riveriand Nu	City of Modificke		3070	070	1 /0	0 /0	070	0 /0	C	0.033	'	0.043	3200	J
	Ta: From:	9th St				001	061	00.		0.65=	_	0 ====	7-00	
116 Riverland Rd	City of Roanoke	0.73 <b>8000 G</b>	98%	0%	1%	0%	0%	0%	F	0.095	F	0.706	7500	G
<u> </u>	To: From:	Piedmont St Riverland Rd												
116) Piedmont St	City of Roanoke	0.07 <b>3800</b> G	98%	1%	1%	0%	0%	0%	F	0.100	F	0.73	3600	G
110)1 100110111 01	City of Roalloke	Walnut Ave	, 5070	1 /0	1 /0	0 /0	0 / 0	0 /0	•	5.100	'	0.75	3000	J

### 2011 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

-	1 1 1 1 1		4.7.	_	Tr	uck			K	014	Dir	A A1A/DT	
Route	Jurisdiction	Length AADT QA	4Tire	Bus	2Axle 3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	QW
Malant Ann	From:	Piedmont St	000/	40/	40/ 00/	00/	00/	_	0.400	_	0.004	5000	_
116 Walnut Ave	City of Roanoke	0.26 <b>5200 G</b>	98%	1%	1% 0%	0%	0%	С	0.106	F	0.621	5600	G
	From:	Jefferson St Walnut Ave											
116 Jefferson St	City of Roanoke	0.42 <b>10000</b> G	98%	1%	1% 0%	0%	0%	F	0.093	F	0.55	9800	G
118) 301131331 31	To:	Elm Ave	0070	170	70 070	070	070	•	0.000	•	0.00	0000	Ŭ
	From:	US 221; 1US 221-P; 128-8015 C	Бар Т										
116)(221)Franklin Rd / Williamson Rd	City of Roanoke	0.28 <b>3100 G</b>	99%	0%	1% 0%	0%	0%	F	0.103	F	0.63	3400	G
	To:	US 11											
	From:	Campbell Ave											
116) (11) (221) Williamson Rd	City of Roanoke	0.15 <b>22000 G</b>	98%	0%	1% 0%	0%	0%	F	0.089	F	0.527	25000	G
	To	Shenandoah Ave											
116) (11) (221) Williamson Rd	City of Roanoke	0.15 <b>15000 G</b>	98%	0%	1% 0%	0%	0%	F	0.099	F	0.723	17000	G
	To:	I-581											
116) (11) (221) Williamson Rd	City of Roanoke	0.50 <b>12000 G</b>	99%	0%	0% 0%	0%	0%	F	0.082	F	0.556	12000	G
116 (11) (221) Williamson Rd	City of Roalloke	US 11	9970	076	0% 0%	076	0 /0	Г	0.002		0.550	12000	G
ALT ALT	From:	US 460											
(116) (460) (11) (220) Orange Ave	City of Roanoke	0.24 <b>37000 G</b>	96%	1%	1% 1%	2%	0%	F	0.081	F	0.633	40000	G
ALT	To: From:	I-581, US 220, ALT SR 220	)										
116)(460)(11) Orange Ave	City of Roanoke	0.90 <b>18000 A</b>	96%	1%	1% 1%	2%	0%	С	0.092	Α		19000	Α
ALT	To: From:	10th St, Gainsboro Rd											
116)(460)(11) Orange Ave	City of Roanoke	1.00 <b>13000 G</b>	96%	1%	1% 1%	2%	0%	F	0.082	F	0.501	15000	G
ALT	To: From:	Salem Turnpike											
116)(460)(11) Melrose Ave	City of Roanoke	0.41 <b>12000 G</b>	96%	1%	1% 1%	2%	0%	F	0.086	F	0.511	14000	G
	To	Melrose Ave											
116)Lafayette Blvd	City of Roanoke	0.73 <b>9000 G</b>	98%	1%	1% 0%	0%	0%	С	0.082	F	0.592	8500	G
,	To:	Cove Rd											
	From:	Lafayette Blvd											
116 Cove Rd	City of Roanoke	0.72 <b>15000 G</b>	98%	1%	1% 0%	0%	0%	F	0.083	F	0.555	14000	G
$\smile$	To:	SR 101 Hershberger Rd											
	From:	US 11 Brandon Ave											
117) Peters Creek Rd Ext	City of Roanoke	2.34 <b>15000 G</b>	96%	1%	<u>1</u> % 1%	1%	0%	F	0.093	F	0.525	17000	G
	То:	Aerial Way Dr											
	From:	Melrose Ave											
Peters Creek Rd	City of Roanoke	0.46 <b>21000 G</b>	96%	1%	1% 1%	1%	0%	F	0.089	F	0.527	24000	G
	From:	Hershburger Rd	000/	407	10/ 12/	407	00/	_	0.000	_	0.546	10000	
117 Peters Creek Rd	City of Roanoke	0.87 <b>14000 G</b>	96%	1%	1% 1% 	1%	0%	F	0.088	F	0.549	16000	G
	From:	Cove Rd											
117) Peters Creek Rd	City of Roanoke	1.37 <b>17000 G</b>	96%	1%	<u>1</u> % 1%	1%	0%	F	0.09	F	0.509	19000	G
$\smile$	To:	I-581	,										

### Virginia Department of Transportation Traffic Engineering Division 2011 PAGE Daily Traffic Volume Estimates By Section of Route

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

Route	Jurisdictio	on .	Lenath	AADT	QA	4Tire	Bus		Tru			QC	K	QK	Dir	AAWDT	QW
	From:	1		I-581				2Axle	3+Axle	1Trail	2Trail		Factor		Factor		
117 Peters Creek Rd	City of Roan	oke	0.82	20000	Α	96%	1%	1%	1%	1%	0%	С	0.106	Α		23000	Α
$\overline{}$	To:		1	NCL Roanok	e												
East	From:	4 :		TO RT 581	SOUTH	[											
117 Ramp	City of Roanoke (N	viaint: 80)	0.28 I-581-S FROM RT	NA 117 FAST-F	PETERS	S CREEK I	2						NA			NA	
East	From:		SR 117 I-581-N														
(117)Ramp	City of Roanoke (N	Maint: 80)	0.18	NA	vi & i C	7K1 36							NA			NA	
'	To:		I-581-N FROM RT	117 EAST-I	PETER:	S CREEK I	R										
West	From:		SR 117	TO RT 581	SOUTH	ĺ											
(117) Ramp	City of Roanoke (N		0.18	NA									NA			NA	
<u> </u>	To:		I-581-S FROM RT				0	_									
West	City of Roanoke (N	Maint: 90)	SR 117 0.31	TO RT 581 I	NORTH	I							NA			NA	
117 Ramp	City of Roalloke (N		I-581-N FROM RT		PETER	S CREEK	R	_					INA			INA	
	From:			1 Williamso				Ì									
(118) Airport Rd	City of Roan	oke	0.63	7400	G	99%	1%	0%	0%	0%	0%	F	0.108	F	0.537	7900	G
	To		1	Municipal Ro	d												
(118)Airport Rd	City of Roan	oke	1.01	11000	Α	99%	1%	0%	0%	0%	0%	С	0.113	Α		12000	Α
$\overline{}$	To:		1	NCL Roanok	e												
~~~	From:			CL Roanok		2=2/	407				407						
Franklin Rd	City of Roanoke (N	Maint: 80)	1.64	38000	G	87%	1%	1%	1%	10%	1%	F	0.077	F	0.59	39000	G
Para Mark In the France Comment	To: From:	4-:		20; SR 419 I			40/		40/	400/	40/		NIA.			40000	
Roy Webber Expwy	City of Roanoke (N	viaint: 80)	1.66	42000	G	87%	1%	1% ——	1%	10%	1%	F	NA			43000	G
Day Wahhar France	To: From:	(Animate 00)	4 74	Wonju St		070/	40/		40/	400/	40/		NIA			50000	
Roy Webber Expwy	City of Roanoke (N	viaint: 80)	1.71	56000	G	87%	1%	1%	1%	10%	1%	F	NA			58000	G
	City of Roanoke (M	Maint: 90)	SR 2 0.66	4 Elm Ave; l	I-581		200 I 59	1 for di	roctional	troffic v	rolumo or	etimot	es for this	coar	mont		
220 581	Combined Traffic Estimates for 2 Paralle			75000	G		1%	1%	1%	4%	0%	Sumau F	NA	s segi	nen.	84000	G
	To.	ritoauway				3470	1 /0	1 70	1 /0	470	0 70	•	INA			04000	G
220 594	From: City of Roanoke (N	Maint: 80)	0.31	1 Williamso	n Ka		See I-58	1 for di	rectional	traffic v	olume es	stimate	es for this	ssear	ment		
220 (581)	Combined Traffic Estimates for 2 Paralle	,		79000	G	94%	1%	1%	1%	4%	0%	F	NA	o oog.		89000	G
	To:			460 Orange						.,,							
220 581	From: City of Roanoke (N	Maint: 80)	1.68	400 Orange I	7110	S	See I-58	1 for di	rectional	traffic v	olume es	stimate	es for this	s segr	nent.		
223 66.7	Combined Traffic Estimates for 2 Paralle	el Roadway	s on this Route:	79000	Α	94%	1%	1%	1%	4%	0%		0.101			85000	Α
	To:	-	Va	lley View Bl	lvd			$\neg$									
220 (581)	City of Roanoke (N	Maint: 80)	1.11	•		S	See I-58	1 for di	rectional	traffic v	olume e	stimate	es for this	s segr	ment.		
$\smile$	Combined Traffic Estimates for 2 Paralle	el Roadway	s on this Route:	62000	Α	94%	1%	1%	1%	4%	0%	С	0.106	Α		69000	Α
	To:		SR 10	1 Hershberg	ger Rd												

### 2011 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

		City of Roa	iono				Т	ıck			K		Dir		
Route	Jurisdiction	Length AADT	QA	4Tire	Bus	2Axle	3+Axle			QC	Factor	QK	Factor	AAWDT	QW
	From:	SR 101 Hershbe	rger Rd			27 000	01700	TTTGII	211011		1 dotoi		1 40101		
(220)(581)	City of Roanoke (Maint: 80)	1.75		5	See I-58	1 for di	rectional	traffic v	olume es	stimate	es for this	segr	nent.		
	Combined Traffic Estimates for 2 Parallel Roadways of		Α	94%	1%	1%	1%	4%	0%	F	0.105	Α		59000	Α
	To:	SR 117 Peters C	reek Rd												
North	From:	US 220 TO RT 2400- H		EET										7000	_
(220) Ramp	City of Roanoke (Maint: 80)	0.10 <b>7300</b> SR 24 TO RT 58	<b>G</b>								NA			7300	G
Pue	From:	US 220; SR 419 Sout		oke		<del></del>									
Bus (220) Franklin Rd	City of Roanoke (Maint: 80)	0.27 <b>21000</b>	G	98%	0%	1%	0%	0%	0%	С	0.082	F	0.512	23000	G
220	To	Penarth Ro													
Bus Franklin Dd	From:			000/	00/	40/	00/	00/	00/	_	0.004	F	0.540	47000	_
220 Franklin Rd	City of Roanoke	1.26 <b>18000</b>	G	98%	0%	1%	0%	0%	0%	F	0.091	F	0.518	17000	G
Bus	To: From:	128-3 Wonji	ı St												
(220) Franklin Rd	City of Roanoke	0.38 <b>11000</b>	G	98%	0%	1%	0%	0%	0%	F	0.098	F	0.514	11000	G
Bus	To: From:	128-8003 McCla	nahan St												
Franklin Rd	City of Roanoke	0.41 <b>9900</b>	G	98%	0%	1%	0%	0%	0%	F	0.094	F	0.517	9400	G
220)	To:	128-8015; I-581 U	Inderpass												
ALT ALT	From:	I-581, US 220, AL	T SR 220												
(220)(460)(11)(116)Orange A	ve City of Roanoke	0.24 <b>37000</b>	G	96%	1%	1%	1%	2%	0%	F	0.081	F	0.633	40000	G
ALT	Ta: From:	US 11 William	son Rd												
220)(460)(221) Orange Ave	City of Roanoke	0.49 <b>43000</b>	G	96%	1%	1%	1%	2%	0%	F	0.078	F	0.564	47000	G
	To:	SR 115 Hollir	ıs Rd												
ALT COORDER AND	From:			0.40/	00/	40/	40/	407	00/	_	0.070	F	0.50	40000	_
220 460 221 Orange Ave	City of Roanoke	1.14 <b>41000</b>	G	94%	0%	1%	1%	4%	0%	F	0.076	г	0.56	42000	G
ALT	To: From:	24th St													
220 (460) (221) Orange Ave	City of Roanoke	1.17 <b>31000</b>	G	94%	0%	1%	1%	4%	0%	F	0.074	F	0.504	32000	G
ALT	To: From:	128-8055 Kit	ıg St												
220)(460)(221) Orange Ave	City of Roanoke	0.38 39000	G	94%	0%	1%	1%	4%	0%	F	0.08	F	0.546	41000	G
	To:	Roanoke Count	y Line												
	From:	WCL Roan	ke												
(221) Brambleton Ave	City of Roanoke	1.39 <b>15000</b>	G	99%	0%	1%	0%	0%	0%	С	0.107	F	0.606	14000	G
~~	To: From:	Overland Ro	oad			$\Box$									
(221) Brambleton Ave	City of Roanoke	0.52 <b>8100</b>	G	99%	0%	1%	0%	0%	0%	F	0.111	F	0.636	7700	G
~	Ta: From:	Brandon A	ve			$\Box$									
(221) Main St	City of Roanoke	1.19 <b>9400</b>	G	99%	0%	1%	0%	0%	0%	F	0.098	F	0.620	8900	G
	To: From:	8th St				_									
(221) Elm Ave	City of Roanoke	0.46 <b>12000</b>	G	98%	0%	1%	0%	0%	0%	С	0.091	F	0.666	11000	G
<u> </u>	To:	US 220 Frankl	in Rd												

8/29/2012 12

			y or Roan	0110					-I.			1/		D'-		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		Tru			QC	K	QK	Dir	AAWDT	QV
	From:	TIG.	220 Franklii	D.1			ZAXIE	3+Axle	11raii	21 raii		Factor		Factor		
221 Elm Ave	City of Roanoke	0.30	11000	G	98%	0%	1%	0%	0%	0%	F	0.079	F	0.52	10000	G
221)27.00	Combined Traffic Estimates for 2 Parallel Roady			G	99%	0%	1%	0%	0%	0%	F	0.092	F	0.566	19000	G
	To:		R 24, SR 11		3370	070	1/0	070	070	070	ı	0.032	•	0.500	13000	O
~~~	From:	SR 1	16 US 221 l	Bus P												
221 116 Franklin Rd / Williams	son Rd City of Roanoke	0.28	3100	G	99%	0%	1%	0%	0%	0%	F	0.103	F	0.63	3400	G
$\sim$	To:	US	11 Campbel													
221 (11) (116) Williamson Rd	City of Roanoke	0.15	22000	G	98%	0%	1%	0%	0%	0%	F	0.089	F	0.527	25000	G
221 11 116 Williamson Rd	Oity of Roalione				3070	070	1 70	070	070	070	•	0.000	•	0.521	23000	
MUII Bul	To: From:		nenandoah A		000/	00/		00/	00/	00/	_	0.000	_	0.700	47000	
221 (11) (116) Williamson Rd	City of Roanoke	0.15	15000	G	98%	0%	1%	0%	0%	0%	F	0.099	F	0.723	17000	G
<u> </u>	To: From:		I-581													
(221) $(11)$ $(116)$ Williamson Rd	City of Roanoke	0.50	12000	G	99%	0%	0%	0%	0%	0%	F	0.082	F	0.556	12000	(
~ <u> </u>	To: From:		US 460 S				$\Box$ $\vdash$									
221 (460) (220) Orange Ave	City of Roanoke	0.49	43000	G	96%	1%	1%	1%	2%	0%	F	0.078	F	0.564	47000	
221 460 220 Orange Ave	City of reduitore				3070	170	-170	170	270	070	•	0.070	•	0.004	47 000	`
ALT	From:	SR	115 Hollins	Rd												
221 (460) (220) Orange Ave	City of Roanoke	1.14	41000	G	94%	0%	1%	1%	4%	0%	F	0.076	F	0.56	42000	(
$\sim$	To:		24th St													
ALT Orongo Ava	City of Poppels	4 47	31000	G	0.40/	00/	10/	40/	40/	00/	F	0.074	F	0.504	22000	,
221 460 220 Orange Ave	City of Roanoke	1.17	31000	G	94%	0%	1%	1%	4%	0%	Г	0.074	Г	0.504	32000	(
ALT	To: From:	12	8-8055 King	g St												
221 (460 (220) Orange Ave	City of Roanoke	0.38	39000	G	94%	0%	1%	1%	4%	0%	F	0.08	F	0.546	41000	
	To:	I	ECL Roanok	ке												
	From:	U	S 221 Elm A	Ave												
221 Franklin Rd	City of Roanoke	0.40	8600	G	99%	0%	1%	0%	0%	0%	F	0.108	F	0.651	8100	(
P	Combined Traffic Estimates for 2 Parallel Roady	vays on this Route:	20000	G	99%	0%	1%	0%	0%	0%	F	0.092	F	0.566	19000	
	To:	US 221,	SR 116 Jef	ferson St												
	From:	US 220; B	us US 220 I	Franklin I	Rd											
419)Electric Rd	City of Roanoke (Maint: 80	0.07	38000	G	99%	0%	0%	0%	0%	0%	F	0.083	F	0.545	42000	(
<u> </u>	To:	Roar	noke County	Line												
ALT	From:		ECL Salem	1												
460 (11) Melrose Ave	City of Roanoke	0.65	16000	G	96%	1%	1%	1%	2%	0%	F	0.088	F	0.517	18000	(
~~	To:	SR 11	7 Peters Cro	eek Rd												
ALT Molroso Avo	City of Roanoke				069/	10/	10/	10/	20/	00/	F	0.006	F	0.507	14000	,
460) (11) Melrose Ave	City of Roanoke	1.75	13000	G	96%	1%	1%	1%	2%	0%	Г	0.086	г	0.507	14000	(
ALT	To: From:		24th St													
460 (11) (116) Melrose Ave	City of Roanoke	0.41	12000	G	96%	1%	1%	1%	2%	0%	F	0.086	F	0.511	14000	(
			Colom Tale													
ALT	From:		Salem Tpke					_								
460) (11) (116) Orange Ave	City of Roanoke	1.00	13000	G	96%	1%	1%	1%	2%	0%	F	0.082	F	0.501	15000	G
~ ~ ~	To:	10th	St, Gainsbo	ro Rd												

### 2011 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

			of Roanoke					Tru	ıck			K		Dir		
Route	Jurisdiction	Length	AADT (	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
ALT C	From:		t, Gainsboro R													
460 (11) (116) Orange Ave	City of Roanoke	0.90	18000	Α	96%	1%	1%	1%	2%	0%	С	0.092	Α		19000	Α
ALT ALT	To- From:	I-581, US	S 220, ALT SR	R 220												
460) (11) (116) (220) Orange A	ve City of Roanoke	0.24	37000	G	96%	1%	1%	1%	2%	0%	F	0.081	F	0.633	40000	G
ALT	To- From:	US 11	Williamson R	Rd			$\Box$									
460 (221) (220) Orange Ave	City of Roanoke	0.49	43000	G	96%	1%	1%	1%	2%	0%	F	0.078	F	0.564	47000	G
ALT	To: From:	SR 1	15 Hollins Rd	i												
460 (221) (220) Orange Ave	City of Roanoke	1.14	41000	G	94%	0%	1%	1%	4%	0%	F	0.076	F	0.56	42000	G
<del></del>	Ta- Bow		24th St													
ALT 460 (221 (220) Orange Ave	City of Roanoke	1.17	31000	G	94%	0%	1%	1%	4%	0%	F	0.074	F	0.504	32000	G
~~~~ <u>~</u>	То	128-	-8055 King St													
ALT 460 (221 (220) Orange Ave	City of Roanoke	0.38		G	94%	0%	1%	1%	4%	0%	F	0.08	F	0.546	41000	G
460 (221) (220) Grange 7 (ve	To:		oke County Lir		<b>0</b> 470	070		170	470	070		0.00		0.040	41000	
ast	From:	US 460 T	O RT 581 SO	UTH												
Ramp	City of Roanoke (Maint: 80)	0.14		G								NA			9100	G
		81-S FROM RT 460	O RT 581 NO		jE AVEN	IU										
East 460 Ramp	City of Roanoke (Maint: 80)			G								NA			11000	G
	· · · · · · · · · · · · · · · · · · ·	81-N FROM RT 46	0 EAST00- O	RANG	GE AVEN	IU										
Vest	From		O RT 581 SO													_
Ramp	City of Roanoke (Maint: 80)	0.09 81-S FROM RT 460		G D A NI	CE AVEN	JI I	_					NA			3900	G
Vest	From:		O RT 581 NO		JE A VEI	10										
460 Ramp	City of Roanoke (Maint: 80)	0.14		G								NA			3100	G
<i></i>	то: І-5	81-N FROM RT 460	0 WEST00- O	RAN	GE AVEN	NU										
lorth	From:	SR 24 Elm Ave				40/	40/	40/	407	00/	_	NIA			44000	_
581 220	City of Roanoke (Maint: 80) Combined Traffic Estimates for 2 Parallel Roadways			G G	94% 94%	1% 1%	1% 1%	1% 1%	4% 4%	0% 0%	F	NA NA			41000 84000	G G
	To Table 11 and Estimates 101.2 Farallel Roadways				9470	170	176	1 70	470	0%	Г	INA			04000	G
orth	From:		Williamson R		0.40/	40/	40/	40/	40/	00/	_	NIA			44000	
581 220	City of Roanoke (Maint: 80) Combined Traffic Estimates for 2 Parallel Roadways	0.31		G G	94% 94%	1% 1%	1% 1%	1% 1%	4% 4%	0% 0%	F	NA NA			44000 89000	G G
	Tollined Traine Estimates for 2 Faraller Noduways		60 Orange Ave		J <del>↑</del> /0	1 /0	1 /0	1 /0	7 /0	0 /0	Г.	14/4			03000	G
Vorth	City of Doppole (Mainty 20)				040/	10/	10/	10/	40/	00/	г	0.102	Λ		42000	Λ
581 220	City of Roanoke (Maint: 80) Combined Traffic Estimates for 2 Parallel Roadways	1.68		A A	94% 94%	1% 1%	1% 1%	1% 1%	4% 4%	0% 0%	F	0.102 0.101	A A		43000 85000	A A
	To:		ey View Blvd		J-7/0	1 /0	1 /0	1 /0	<del>-</del> 7/0	0 /0	•	0.101	^		00000	^

									Tru	ck			K		Dir		
Route	Jurisdictio	on	Length	AADT	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	QW
North	From:	:		lley View I													
581)(220)	City of Roanoke (I		1.11	31000	Α	94%	1%	1%	1%	4%	0%	С	0.105	Α		34000	Α
	Combined Traffic Estimates for 2 Parallel	el Roadways on	this Route:	62000	Α	94%	1%	1%	1%	4%	0%	С	0.106	Α		69000	Α
North	To: From:		SR 10	1 Hershber	ger Rd												
581)(220)	City of Roanoke (I	Maint: 80)	1.75	27000	Α	94%	1%	1%	1%	4%	0%	F	0.11	Α		30000	Α
001/220	Combined Traffic Estimates for 2 Paralle	,	this Route:		Α	94%	1%	1%	1%	4%	0%	F	0.105	Α		59000	Α
	To:	:		7 Peters Cr	eek Rd												
North	From:		-N TO RT 46-	EAST00- 0	ORANG	E AVENU	Е										
(581) Ramp	City of Roanoke (I	Maint: 80)	0.18	10000	G								NA			10000	G
	To		US 460 FI	ROM RT 58	31 NOR	ГН											
North	From:		N TO RT 460			E AVENU	Έ										
(581) Ramp	City of Roanoke (I	Maint: 80)	0.12	3200	G								NA			3200	G
	10:	-		ROM RT 58		Ή		_									
North	City of Doopoles (	Mainte 90)	0.15	I-581 North 8300	G G	99%	0%	0%	00/	00/	00/	0	0.097	F		0200	G
Ramp to Valley View Blvd	City of Roanoke (I	viaint: 80)		lley View F		99%	0%	0%	0%	0%	0%	С	0.097	г		8300	G
N. d	From	1.501				ED CED D											
North (581) Ramp	City of Roanoke (I		N TO RT 101 0.26	NA	TEKSHE	ERGER R	.0						NA			NA	
(981)	To:		101 RAMP FR		1 FROM	RT 581 N	,						10.			107	
North	From:		N TO RT 101														
(581) Ramp	City of Roanoke (I		0.19	NA									NA			NA	
	To:	S	R 101 SR 101-	E001B FR	OM & T	O RT 58											
North	From:		-N TO RT 117	EAST-PE	TERS C	REEK RO	A										
(581) Ramp	City of Roanoke (I	Maint: 80)	0.28	NA									NA			NA	
	To:	:	SR 117 FF	ROM RT 58	31 NORT	TH											
North	From		-N TO RT 117		PETER	S CREEK	R										
(581) Ramp	City of Roanoke (I		0.21	NA									NA			NA	
	10.	S	R 117 SR 117-														
South	City of Roanoke (I	Maint: 90\	SR 24 Elm A 0.77	ve; US 220 <b>39000</b>	Webber <b>G</b>	Expy 93%	1%	1%	1%	5%	0%	F	NA			43000	G
581 220	City of Roanoke (i				G	93%	1%	1%	1%	5% 4%	0%	F	NA NA			84000	G
	Combined Trainic Estimates for 2 Paralle	ei Roadways on				94%	170	170	1 70	470	0%	Г	INA			04000	G
South	To: From:		US 1	1 Williams	on Rd												
(581)(220)	City of Roanoke (I	Maint: 80)	0.45	39000	G	93%	1%	1%	1%	5%	0%	F	NA			44000	G
$\smile \smile$	Combined Traffic Estimates for 2 Paralle	el Roadways on	this Route:	79000	G	94%	1%	1%	1%	4%	0%	F	NA			89000	G
South	To: From:		US	460 Orange	Ave												
581 220	City of Roanoke (I	Maint: 80)	1.41	39000	Α	93%	1%	1%	1%	5%	0%	F	0.1	Α		42000	Α
301/(220)	Combined Traffic Estimates for 2 Parallel	,			A	94%	1%	1%	1%	4%	0%	F	0.101	Α		85000	Α
	To:			lley View F		, 0	. , ,	Ť	. , ,	.,0	- / 0	-		- •			
		•		•				-									

		Oit	y Oi i toaii	IONC												
								Tru	ck			K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
-	From:	***	11 17 17				ZAXIE	STAXIE	IIIaii	ZIIali		racioi		racioi		
South	0: (D   (M)		lley View B		200/	407	40/	407	<b>5</b> 07	00/	_	0.407			0.4000	
(581)(220)	City of Roanoke (Maint:	•	31000	Α	93%	1%	1%	1%	5%	0%	С	0.107	Α		34000	Α
<u> </u>	Combined Traffic Estimates for 2 Parallel Road	dways on this Route:	62000	Α	94%	1%	1%	1%	4%	0%	С	0.106	Α		69000	Α
South	To: From:	SR 10	1 Hershber	ger Rd												
581)(220)	City of Roanoke (Maint:	80) 1.33	27000	Α	93%	1%	1%	1%	5%	0%	F	0.105	Α		30000	Α
(381) (220)	Combined Traffic Estimates for 2 Parallel Road	•		Α	94%	1%	1%	1%	4%	0%	F	0.105	Α		59000	Α
	To:		NCL Roanok		J+70	170		1 70	770	070	ı	0.105			33000	^
2 "	From	I-581-S TO RC			PDFFT											
South	City of Doonalse (Maint)		12000	G ELM S	IKEEI							NA			12000	G
581 Ramp	City of Roanoke (Maint:		FROM RT 5									INA			12000	G
South	From:	I-581-S TO RT 1		JAMSO!	N ROAD											
S81 Ramp	City of Roanoke (Maint:		NA									NA			NA	
	10:	US 11 FR	ROM RT 58	1 SOUT	H											
South	From	I-581-S TO RT 460			E AVENU	Е										
(581) Ramp	City of Roanoke (Maint:		8800	G								NA			8800	G
	To:	US 460 F	ROM RT 58	81 SOUT	H											
South	From:	I-581-S TO RT 460	WEST00- 0	ORANG	E AVENU	Е										
(581) Ramp	City of Roanoke (Maint:	80) 0.13	2900	G								NA			2900	G
	To	US 460 F	ROM RT 58	81 SOUT	Ή											
South	From:		I-581 South	1												
(581) Ramp	City of Roanoke (Maint:	80) 0.20	NA									NA			NA	
	To:	SR 10	01 Hershbur	ger Rd												
South	From:	I-581-S TO RT 101	WESTOO- F	HERSHB	ERGER R	0										
(581) Ramp	City of Roanoke (Maint:		NA	1210111	LITOLITI		-					NA			NA	
361). (3.1.)	To:	•	ROM RT 58	81 SOUT	Ή											
Courth	From	I-581-S TO RT 117				١										
South (581) Ramp	City of Roanoke (Maint:		NA	LENGU	XLLIX KUA	7						NA			NA	
2017 (2011)	To:		ROM RT 58	RI SOLIT	Ή							14/1			14/1	
	- I															
South	From:	I-581-S TO RT 117	WEST-PE	TERS C	REEK RO	A										

0.19

NA

SR 117 FROM RT 581 SOUTH

NA

NA

8/29/2012 16

City of Roanoke (Maint: 80)

(581) Ramp

						City	of Roano	ke								
Route	Length	AADT	QA	4Tire	Bus			uck 1Trail		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke		From:	1			CD 10	1 Oudroor	D.,			1					
(F74) Frontage Rd	0.42	1000	R			SK 10	1 Ordway !	DI			NA			NA		06/10/2009
		To				Roanok	e County I	Line								
$\bigcirc$		From:				US 22	0 Franklin	Rd								
(F897) Frontage Rd	0.39	1600	R				*****				NA			NA		09/30/2009
		From:			***		us US 220	111 701								
2nd St SW	0.23	5400	G	97%	1%	221 P, Bus 2%	0% 0S 220 F	ranklin Rd 0%	0%	F	0.123	F	0.564	5100	G	2011
		To	_				m Ave SW					-				
2nd St SW; Gainsbo	ro Rd <b>(N7%</b>	9000 From:	G	97%	1%	2%	0%	0%	0%	С	0.117	F	0.660	8500	G	2011
		To				Orar	ige Ave NI	Е								
		From:				Ki	ng St NE									
(2) Belle Ave NE	0.84	NA									NA			NA		
<u> </u>		To	1				L Roanoke									
3 Wonju St	0.10	From:	G	000/	0%	Bus US 2	220 Frankl		00/	С	0.103	_	0.61	16000	G	2011
3 Wonju St	0.18	14000		98%			0%	1%	0%		0.103	F	0.61	16000	G	2011
3 Wonju St	0.12	14000	N	98%	0%	JS 220 Ro 1%	y Webber 0%	Expwy 1%	0%	N	0.103	N	0.61	16000	N	2011
3) Wonju St	0.12	To:	<u> </u>	30 /0	070		lonial Ave		070	- 11		14	0.01	10000	11	2011
		From:			US 11, 1			Williamsor	Rd							
4 Kimball Ave NE	0.75	9100	G	98%	0%	1%	0%	1%	0%	F	0.095	F	0.749	8600	G	2011
		To				Orar	ige Ave NI	Е								
		From					0 Orange A									
(5) Plantation Rd NE	0.33	8200 To:	G	98%	0%	1%	0%	1%	0%	F	0.082	F	0.592	7700	G	2011
		From					hawk Ave awk Ave N									
5 Plantation Rd NE	0.82	6900	G	98%	0%	1%	0%	1%	0%	F	0.09	F	0.636	6600	G	2011
$\bigcirc$		To:				SR 115	Liberty Rd	l NE								
O		From:				D	ead End				Ц.,					
6 Wells Ave NW	0.03	NA									NA			NA		
N/alla Avra	0.40	From:	Ļ			Gainsbo	orough Rd	NW			0 407		0.00	5000		0044
6 Wells Ave	0.19	5200	G								0.107	F	0.63	5200	G	2011
✓ Wells Avs NΓ	0.10	From				Je	fferson St				0.107	NI.	0.62	F200	N.I.	2011
6 Wells Ave NE	0.19	5200 To:	N		US 11 I	IS 221 SI	R 116 Will	iamson Rd	NE.		0.107	N	0.63	5200	N	2011
		From:			05 11, 0		olk Ave SI				1					
7 Wise Ave SE	0.89	8100	G	98%	0%	1%	0%	1%	0%	F	0.129	F	0.832	7700	G	2011
•		To				WCL Vin	ton; Walnı	ut Ave								
		From:				SR 116	Riverland	l Rd								
8 9th St SE	0.21	7500	G	98%	0%	1%	0%	1%	0%	F	0.088	F	0.568	7100	G	2011
0		To: From:					stry Ave Sl									
8 9th St SE	0.93	11000	G	98%	0%	1%	0%	1%	0%	F	0.093	F	0.557	10000	G	2011
<u> </u>		To: From:					ıllitt Avenı									
8 9th St SE	0.06	11000	N	98%	0%	1%	0%	1%	0%	N	0.093	N	0.557	10000	N	2011
O		From:					Jamison Av									
8 9th St SE	0.18	5200 To	G	98%	0%	1%	0%	1%	0%	F	0.098	F	0.64	4900	G	2011
		From:			TIC		well Ave S									
9 Campbell Ave SE	0.59	NA			US	11; US 22	1 Williams	son Ru SE			NA			NA		
<u> </u>		To:				Norf	olk Ave SI	Е								
		From:				Camp	bell Ave S	SE								
(10) Norfolk Ave SE	0.30	NA									NA			NA		
		To					14th St									
<u> </u>		From:		000			fferson St		601	_	225-	_	0.75		_	
(11) Belleview Ave SE	0.61	5800 To:	G	98%	0%	1%	0%	0%	0%	С	0.095	F	0.596	5500	G	2011
		10:	<u> </u>			SR 116	Walnut Av	e SE								

						City C	DI KUAHU	Ke								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
itv of Roanoke		From	:			120 17	Coloma Ave	CE								
Norfolk Ave Connector S	SE 0.03	NA				128-17	Salem Ave	SE			NA			NA		
<u> </u>		To					olk Ave SI									
Norfolk Ave SE	0.14	From <b>NA</b>			1	Norfolk A	ve Connec	tor SE			 NA			NA		
13) Norrolk Ave SE	0.14	To	c			128-9 Ca	ımpbell Av	e SE						IVA		
		From	c			S Je	efferson St									
14) Williamson Rd SE	0.56	NA									NA			NA		
<u> </u>		To From	c c				Elm Aven									
14) Williamson Rd SE	0.22	NA				SR 24 E	Ilm Avenue	3 SE			NA			NA		
14) ************************************	0	То	c			US 2211	Franklin Ro	d SE								
		From	ı			US 11 Ca	mpbell Av	e SW								
15) 1st St SW	0.04	NA									NA			NA		
<u> </u>		To			1		em Ave SV	_								
15) 1st St NW	0.09	NA	<u> </u>			Centre	Ave NW;	Зар			NA			NA		
19)		To	c			128-6 V	Vells Ave I	NW								
		From	ı:		U	JS 221, SF	R 116 Franl	klin Rd			Ī					
16) S Jefferson St	0.18	NA									NA			NA		
<u> </u>		To From				US 11	Campbell A	Ave								
16) S Jefferson St	0.05	NA									NA			NA		
<i></i>		To	1			128-1	7 Salem A	ve								-
	0.04	From	<u> </u>	200/	00/		th St SW		20/			_	0.504	<b>5</b> 400		
Salem Ave SW	0.34	4700	G	98%	0%	1%	0%	0%	0%	F	0.084	F	0.594	5400	G	2011
		From					h St SW									
Salem Ave SW	0.40	2800	G	98%	0%	1%	0%	0%	0%	F	0.091	F	0.565	3100	G	2011
		From		000/	00/		h St SW					_	0.040	5000		
Salem Ave SW	0.30	4400	G	98%	0%	1%	0%	0%	0%	F F	0.095	F F	0.610	5000	G	2011
Combined	J Hailic.	11000	G	98%	0%	1%	0%	0%	0%		0.084	г	0.6	13000	G	
Salem Ave SW	0.22	4700	G	98%	0%	2n	od St SW 0%	0%	0%	F	0.11	F	0.668	5300	G	2011
17) Salem Ave SW	0.22	7/00	.—	3070	070						——————————————————————————————————————	•	0.000	3300	J	2011
17) Salem Ave SW	0.15	NA From				S Je	efferson St				NA			NA		
17) Galom 7 No GVV	0.10	To	r		US 11, U	JS 221, Bu	ıs 220 Will	liamson Ro	d SE		$\exists$			1471		
		From				Camp	bell Ave S	W			Ī					
18) 13th St SW	0.25	3700	G	98%	0%	1%	0%	0%	0%	F	0.097	F	0.716	4200	G	2011
<u> </u>		То	c			Sale	m Ave SW	7								
~ · · · · · ·		From	1*			I-58	31, US 220	)								
19) Valley View Blvd NW	1.39	NA To	.—			TT. 11	auac - D 13	1111			NA			NA		
		From	<u></u>				erger Rd N									
outh 19) Ramp From Valley View	/ Bl0n/3±45 I-					1-581	S, US 220	S			NA			NA		
19 Ramp From Valley View	Diecote i	To	c		Ramp	from I-58	31, US 220	N at Exit	4		$\vec{}$			1471		
		From					3 Aviation				i					
Airport Entrance Rd	0.28	NA									NA			NA		
<u> </u>		То	c			SR 11	8 Airport F	Rd								
<b>\_</b>		From	ı:			128-23	3 Aviation	Dr			<u> </u>					
Towne Square Blvd NW	0.53	NA To				CD 11	O A:	D.4			NA			NA		
		- 10	<del></del>		-		8 Airport F									
Rutgers St NW	0.31	From <b>NA</b>	<u> </u>		S	K 101 He	rshburger I	kd NW			 NA			NA		
22) Rutgers St NW	0.51	To	d		128	8-21 Town	ne Square I	Blvd NW						11/7		
					140		I									
		From	.:			Herchh	erger Rd N	JW								
23) Aviation Dr NW	0.77	From <b>NA</b>	ı:			Hershb	erger Rd N	IW .			NA			NA		

						Oity 0	i Kuanuk	Đ								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke			1													
R001) Colonial Ave	1.16	9300	G	99%	0%	0%	L Roanoke 0%	0%	0%	F	0.096	F	0.527	8800	G	2011
Colonial Ave	1.10	<b>ЭЭОО</b> То	·	33 /0	070		singer Rd	0 70	0 70	- '	0.030	'	0.521	0000	J	2011
<u> </u>		From					inger Road									
8001) Colonial Ave	0.81	22000	G	99%	0%	0%	0%	0%	0%	F	0.094	F	0.572	21000	G	2011
<u> </u>		То	<u> </u>			Bra	ndon Ave				<u> </u>					
O		From					anoke; 80-6									
Yellow Mountain Rd	2.59	2700	G	99%	0%	0%	0%	0%	0%	С	0.12	F	0.749	2600	G	2011
<u> </u>		To From					ferson St				_				-	
8003 McClanahan St	0.48	8300	G	98%	0%	1%	0%	0%	0%	С	0.093	F	0.505	7800	G	2011
<u> </u>		То				Bus US 2	20 Franklin	Rd								
O 5 5 .	0.07	From		000/	00/		Roanoke	00/				_	0.000	4000	0	004
8005 Bandy Rd	0.37	1700	G	98%	0%	1%	0%	0%	0%	F	0.100	F	0.623	1900	G	2011
		From	<u> </u>		1		Garden City	DIVU.								
Salem Tpke	1.35	7500	G	98%	0%	1%	L Roanoke 0%	0%	0%	F	0.094	F	0.524	7000	G	2011
Salem Tpke	1.30	1 300		<i>30 /</i> 0	0 /0			0 /0	U /0	Г.	0.034	-	0.324	7 000	J	201
Colors Tales	4.00	From	<u> </u>	070/	001		36th St	40/	00/		0.005		0.540	7000		004
Salem Tpke	1.20	8400 <sub>To</sub>	G	97%	0%	1%	1%	1%	0%	С	0.085	F	0.516	7900	G	2011
		From	<u>.                                    </u>				24th St									
8009) Garden City Blvd	0.42	5000	G	98%	0%	Yello	ow Mtn Rd 1%	0%	0%	F	0.104	F	0.562	4700	G	2011
Garden City Blvd	∪.4∠	5500		JU /0	J /0			U /0	U /0	- 1	0.104	'	0.002	7100	J	201
Candan O's Dist	4.00	From	<u> </u>	000/	007		Ray Rd	007	001		0.000		0.550			
Garden City Blvd	1.36	6000 To	G	98%	0%	1%	1%	0%	0%	С	0.093	F	0.559	5600	G	2011
			1				Riverland I	Ka								
Chanandaah Ava	2.13	12000	G	97%	0%		L Roanoke	1%	0%	С	0.091	F	0.522	13000	G	2011
Shenandoah Ave	2.13	12000		91 /0	0 /0	1%	1%	1 /0	0 /6		0.091	-	0.322	13000	G	201
	^ ==	From	<u> </u>	070/	00/		24th St	407					0.574	40000		
Shenandoah Ave	0.77	9300	G	97%	0%	1%	1%	1%	0%	F	0.097	F	0.574	10000	G	2011
<u> </u>		From					15th St									
Shenandoah Ave	0.86	9100	G	97%	0%	1%	1%	1%	0%	С	0.099	F	0.569	9800	G	2011
<u> </u>		To From					5th St				$\Box$					
8010) Shenandoah Ave	0.66	4900	G	97%	0%	1%	1%	1%	0%	F	0.099	F	0.692	5400	G	2011
		To	<u> </u>			Will	iamson Rd									
O		From					Roanoke									
0gden Rd	0.55	8500	G	99%	0%	1%	0%	0%	0%	С	0.094	F	0.579	9300	G	2011
		To	1				L Roanoke									
		From	لبِــا	0001	001		Roanoke	607	607	^		_	0.555	7000	_	001
8013 Grandin Rd	1.11	7200 To	G	99%	0%	0%	0% n Rd; Bran	0%	0%	С	0.104	F	0.568	7800	G	2011
		From	.i		US											
8014) Grandin Rd	0.55	5500	G	99%	0%	SR 419	Electric R 0%	0%	0%	F	0.096	F	0.503	6100	G	2011
Grandin Rd	0.55	5500		<b>99</b> %	U%				U%	Г	0.096	r	0.503	0100	G	2011
Omandia Dal		From	<u> </u>	0001	001		Wynmere I		00/				0.540			
6014 Grandin Rd	1.14	2500 To	G	99%	0%	1%	0%	0%	0%	С	0.115	F	0.513	2600	G	2011
_			1				st Mill Rd									
Frontin Dd	0.60	From	<u> </u>	000/			y Webber E		00/		0.004	_	0.650	10000	_	2044
Franklin Rd	0.60	11000 <sub>To</sub>	G	99%	0%	1%	0% Elm Ave; C	0%	0%	С	0.094	F	0.650	12000	G	2011
		From	-		τ		lliamson Ro	•								
8015) Tazewell Ave	0.54	5500	G	98%	0%	1%	0%	0%	0%	С	0.131	F	0.796	6100	G	2011
$\cup$		To	-				9th St									
RO15) Tazewell Ave	0.34	4700 From	G	98%	0%	1%	9th St 0%	0%	0%	F	0.134	F	0.905	5200	G	2011
00101 1 GEOWOII / WO	0.04	<b>4700</b> To	Ť	JU /U	3 70		13th St	J / U	370	•	3.104	•	0.000	3200	J	201
		From	:		1			alem								
8018) Green Ridge Rd	1.23	From <b>5600</b>	G	99%	0%		oke NCL S	alem	0%	F	0.110	F	0.53	6100	G	2011

Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke							017 0.00									
		From:		2221			ters Creek l		201							
8018 Cove Rd	1.49	7900	G	99%	0%	0%	0%	0%	0%	С	0.092	F	0.502	8700	G	2011
		From:	l				hberger Rd									
8020) Mud Lick Rd	1.43	3200	G	99%	0%	1%	andin Rd 0%	0%	0%	F	0.121	F	0.664	3500	G	2011
(8020) Mud Lick Rd	1.40	<b>3200</b> To:	Ŭ	3370	070		Brandon Av		070		0.121	•	0.004	3300	J	2011
		From:					ndon Ave									
8020 Edgewood Ave	0.76	6300	G	99%	0%	1%	0%	0%	0%	С	0.1	F	0.513	6900	G	2011
<u> </u>		To: From:					norial Ave ewood Ave									
8020) Memorial Ave	0.71	5300	G	99%	0%	1%	0%	0%	0%	F	0.099	F	0.543	5800	G	2011
0020)	• • • • • • • • • • • • • • • • • • • •	To:					andin Rd			-		•			_	
		From:				Will	iamson Rd									
8022) Hershberger Rd	0.60	11000	G	98%	0%	1%	0%	0%	0%	С	0.086	F	0.664	11000	G	2011
		To				ECI	Roanoke									
		From:				SR 116	Riverland I	Rd			Ī					
8023) Bennington St SE	0.37	NA									NA			NA		
$\overline{}$		To- From:				Rivers	side Terrace									
8023) Bennington St	0.54	11000	G	98%	0%	1%	1%	1%	0%	F	0.091	F	0.573	12000	G	2011
$\bigcup$		To					lisle Ave									
12th Ct	0.70	From:	<u> </u>	000/	00/		sle Avenue	10/	00/		0.007	_	0.500	14000	<u></u>	2044
8023) 13th St	0.78	13000	G	98%	0%	1%	1%	1%	0%	С	0.087	F	0.588	14000	G	2011
		From:					Ave; Bullit								_	
8023) 13th St	0.41	5500	G	97%	0%	1%	1%	0%	0%	С	0.090	F	0.593	5900	G	2011
<u> </u>		From:				W	ise Ave									
8023) 14th St	0.07	1800	G	95%	2%	2%	1%	0%	0%	С	0.09	F	0.956	1900	G	2011
<u> </u>		To: From:					rfolk Ave 14th St									
Norfolk Ave	0.05	NA					140150				NA			NA		
0023)		To:				Н	ollins Rd									
$\sim$		From:					rfolk Ave									
8023 Hollins Rd	0.39	7600	G	92%	1%	2%	2%	3%	0%	С	0.091	F	0.542	8300	G	2011
		To: From:			US 460,		ALT SR 220 Hollins Roa		Ave							
8023) Old Mountain Rd	1.75	7100	G	98%	0%	1%	1%	1%	0%	F	0.107	F	0.646	7700	G	2011
0023		To					anoke; 80-6								_	
		From:				Men	norial Ave									
Mountain View Terrace	0.44	1800	G								0.093	F	0.614	1900	G	2011
		To:				R	ridge St									
8024) Mountain View Terrace	0.05	1800 From:	N			ь	nage 5t				0.093	Ν	0.614	1900	N	2011
0024)		To				Ches	sterfield St									
$\circ$		From:				Mountair	n View Ten	race								
8024 Chesterfield St	0.22	1200	G								0.096	F	0.559	1300	G	2011
<u> </u>		To					norial Ave									
<u> </u>	0.10	From:	لبِ			McC	lanahan St					_	0.550	7000	_	
8025 Jefferson St	0.43	7100	G								0.083	F	0.552	7800	G	2011
<u> </u>		To: From:				Res	serve Ave									
<sub>8025</sub> ) Jefferson St	0.40	13000	G								NA			14000	G	2011
<u> </u>		To					alnut Ave									
O 20 15:	0.00	From	ـــِــا	•		128-8029	9 Brandon A	Ave		-		_	0 ===			
8027) 23rd St	0.27	7200	G			~ -					0.086	F	0.502	7900	G	2011
		To:					onial Ave									
O Battar A	40:	From:	Ļ	0001			m Ave SW;			_		_	0.555	7000	_	001
8028 Patterson Ave	1.04	6300	G	96%	0%	1%	0%	2%	0%	С	0.086	F	0.568	7000	G	2011
		To: From:			_		13th St									
(8028) Patterson Ave	0.53	2800	G	96%	0%	1%	0%	2%	0%	F	0.09	F	0.568	3100	G	2011
$\overline{}$		To:				US 11 (	Campbell A	ve								

						City of Roand	оке								
Route	Length	AADT	QA	4Tire	Bus	Tı 2Axle 3+Axle		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke			_			27 000 0 77 000	o man	ZTTGII		- 40101		1 doto			
O		From		2221		Grandin Rd								_	
(8029) Brandon Ave	0.82	15000 <sub>то</sub>	G	99%	0%	1% 0% US 221 Brambleto	0%	0%	F	0.085	F	0.502	16000	G	2011
		From	:			Main St	ni Ave								
(8029) Brandon Ave	0.92	21000	G	99%	0%	1% 0%	0%	0%	С	0.092	F	0.539	23000	G	2011
$\overline{}$		To	:			Franklin Rd									
<u> </u>		From				24th St								_	
(8030) Loudon St	1.23	1600	G	95%	0%	3% 1%	0%	0%	С	0.094	F	0.512	1700	G	2011
<u> </u>		To From				10th St									
8030 Loudon St	0.43	940 To	G	95%	0%	3% 1%	0%	0%	F	0.094	F	0.58	1000	G	2011
		From	<u>                                       </u>			5th St				<u> </u>					
(8031) Maple Ave	0.36	300	G	96%	0%	Dead End 1% 0%	2%	0%	F	0.123	F	0.798	330	G	2011
(8031) Maple Ave	0.50	То	Ť	3070	070	SR 116 Jefferson		070		0.123	•	0.750	330	J	2011
		From	:			Brambleton A				i					
(8032) Overland Rd	0.32	10000	G	98%	1%	1% 0%	0%	0%	F	0.101	F	0.557	12000	G	2011
		To				Colonial Ave	9								
_		From	·			Elm Ave									
8035) 5th St	0.37	7700	G	98%	1%	1% 0%	0%	0%	С	0.102	F	0.738	7300	G	2011
		To From				Salem Ave				<u> </u>					
8035) 5th St	0.78	3900	G	98%	1%	1% 0%	0%	0%	F	0.090	F	0.555	3700	G	2011
$\overline{}$		To				Orange Ave									
$\bigcirc$		From				Bus US 220 Frank									
(8036) Broadway Ave	0.47	8200	G	100%	0%	0% 0%	0%	0%	С	0.096	F	0.628	8900	G	2011
		То				McClanahan S									
Clamina Ava	0.07	From	<u> </u>	1000/	00/	Williamson R		00/	F	0.104	_	0.500	1500	0	2011
(8038) Fleming Ave	0.87	1400 <sub>To</sub>	G	100%	0%	0% 0% Plantation Re	0%	0%	Г	0.104	F	0.589	1500	G	2011
		From	:I			Mountain View To				-					
8039) Bridge St	0.45	3600	G	100%	0%	0% 0%	0%	0%	F	0.088	F	0.5	3900	G	2011
00039		To	:			Patterson Ave									
		From	•			Franklin Rd				Ī					
(8040) Reserve Ave	0.37	3600	G	97%	0%	1% 1%	1%	0%	F	0.099	F	0.752	4000	G	2011
		То	:			Jefferson St									
$\bigcirc$		From				US 11 Campbell	Ave								
(8041) 10th St	0.07	NA								NA			NA		
0		From				128-8028 Patterson									
(8041) 10th St	0.12	5700	G	97%	0%	1% 1%	1%	0%	F	0.089	F	0.523	6100	G	2011
<u> </u>		To From				128-17 Salem Ave	e SW								
(8041) 10th St	0.75	8300	G	97%	0%	1% 1%	1%	0%	F	0.088	F	0.546	9000	G	2011
		To From				US 460 Orange				$\supset$					
8041) 10th St	0.84	11000	G	97%	0%	1% 1%	1%	0%	F	0.087	F	0.511	12000	G	2011
$\sim$		To From				I-581 Overpas	SS								
(8041) 10th St	0.56	8200	G	99%	0%	1% 0%	0%	0%	С	0.092	F	0.55	8700	G	2011
		То	1			Williamson R									
		From		0=01	000	SR 116 Mt Pleasan		001			_	0.50:	4600		
Rutrough Rd	0.57	1400 <sub>т</sub>	G	97%	0%	1% 1%	1%	0%	F	0.101	F	0.591	1600	G	2011
		From				ECL Roanok									
8045) Boulevard St	0.16	8600	G	97%	0%	Patterson Ave	e 1%	0%	F	0.089	F	0.545	9500	G	2011
8045 Boulevard St	0.10	0000		31 /0	U /0		1 /0	0 /0		0.009	r	0.545	9300	3	2011
Rouleward Ct	0.05	From	<u> </u>	070/	00/	Salem Ave	10/	00/		0.004		0.502	12000		2011
8045 Boulevard St	0.25	11000	G	97%	0%	1% 1%	1%	0%	F	0.084	F	0.503	12000	G	2011
24th Ct	0.44	From	<u> </u>	070/	00/	Baker Ave	40/	00/				0.500	11000		2044
8045) 24th St	0.41	9900 <sub>To</sub>	G	97%	0%	1% 1%	1%	0%	F	0.082	F	0.538	11000	G	2011
-		10	<u> </u>			Melrose Ave	,								

						City of	Roanok	e								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle	•••		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke							0 . ,						. 4010.			
		From:					ington St	407				_				
Riverdale Rd	0.78	1500	G	97%	0%	1%	1%	1%	0%	F	0.109	F	0.608	1700	G	2011
							Roanoke									
Gus Nicks Blvd	0.70	16000	G	97%	0%	Orai 1%	nge Ave 1%	1%	0%	С	0.086	F	0.656	18000	G	2011
Gus Nicks Blvd	0.70	To:		91 /0	0 /6		Roanoke	1 /0	0 /6		0.086	-	0.030	10000	G	2011
		From:					Ave; US 4	60								
Burwell St	0.35	5600	G	97%	0%	1%	1%	1%	0%	F	0.091	F	0.625	6200	G	2011
033)		To:					erty Rd									
<u> </u>		From:	L				rrell St									
053 Liberty Rd	0.74	4500	G	98%	0%	1%	0%	0%	0%	С	0.1	F	0.587	5000	G	2011
$\stackrel{\circ}{\sim}$		From					amson Rd									
Liberty Rd	0.40	4900	G	98%	0%	1%	0%	0%	0%	F	0.092	F	0.513	5400	G	2011
<u> </u>		To:				Plant	ation Rd									
○ 16 · 0:	4.40	From:		000/	201		icks Blvd	00/	201			_	0.504	40000	0	004
King St	1.46	11000	G	98%	0%	1%	0%	0%	0%	F	0.091	F	0.501	12000	G	2011
			<u></u>				Orange Av									
057) Westside Blvd	0.65	From: 4400	G	99%	0%	128-8008 1%	Salem Tp 0%	oke 0%	0%	F	0.092	F	0.618	4200	G	2011
Westside Blvd	0.03	4400		JJ 70	U70				U 70	r	0.092	r	0.010	4200	G	201
Mantaida Dhud	0.54	From:	ᆫ	000/	00/		Melrose A		00/		0.005		0.500			204
Westside Blvd	0.54	6500 To-	G	99%	0%	1% SR 101 H	0%	0%	0%	С	0.085	F	0.586	6200	G	2011
		From:	<u> </u>													
128-8008 Salem Trnpk		6800	G			SR 117 Pe	ters Creek	. Rd			NA			6800	G	2011
120-0000 SaleIII TIIIpk		To:				36	5th St							0000	G	201
		From:	<del></del>				le Ave									
13th Street		7600	G	97%	0%	1%	1%	1%	0%	С	0.103	F	0.716	7600	G	2011
1011 011001		To:		0.70	070		vart Ave	170	070			·	0.7 10	7000	Ū	201
		From:					tre Ave									
17th St		210	G			CCII	die 71ve				NA			200	G	2011
		To:				Loud	don Ave									
		From:				Edge	rton Ave									
18th St		150	G								NA			140	G	201
		To:	:			Rive	rdale Rd									
		From:				Orar	nge Ave									
19th St		2000	G								0.086	F	0.619	1900	G	2011
		To:				Hano	over Ave									
		From:				Bak	er Ave									
25th St		1300	G								0.103	F	0.677	1200	G	2011
		To:	<u>!</u>			Cen	tre Ave									
		From:				Da	le Ave					_	_		_	
7th St		550	G			~					0.113	F	0.672	520	G	2011
		To:					vart Ave									
Augustam Acce		From				White	e Oak Rd				0.000	_	0.570	EC00	0	004
Avenham Ave		5900 To:	G			Clost	esdale St				0.092	F	0.579	5600	G	2011
			<u> </u>								_					
Barnhill Ln		120	G			Win	dsor Rd				0.13	F	0.519	120	G	201
Dannin Lil		To:				Gra	ndin Rd				0.13	r	0.519	120	G	201
		From:									<del>-  </del>					
Dunkirk Ave		1500	G			CI	yde St				0.127	F	0.844	1400	G	201
		1000	3								0.127	'	0.044	1-100	9	201
Dunkirk Ave		To				Cl	ine St									
Duliklik Ave		To					ine St				<del></del>					
Fairhope Rd							ine St ove Rd				0.101	F	0.514	1400	G	2011

					City of Roanoke							
Route	Length AADT	QA 4T	ire	Bus	Truck2Axle 3+Axle 1Trail 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Yea
tv of Roanoke	-	1										
Fauquier St	2600	G			Memorial Ave		0.089	F	0.543	2400	G	201
r adquici Ot	<b>2000</b>				Denniston Ave		0.003	•	0.040	2400	J	201
	From				Olive Ave		ĺ					
Forest Park Blvd	1800	G					0.098	F	0.609	1700	G	201
	То				Alder St							
	From				Collingwood St							
Fugate Rd	1200 <sub>то</sub>	G					0.101	F	0.72	1100	G	201
	From				Luray St							
Greenbrier Ave	170	G			Kenwood Blvd		0.133	F	0.65	160	G	201
Oreenbrief Ave	To				19th St		0.133	'	0.00	100	J	201
	From				Hershberger Rd							
Hazelridge Rd	410	G			Hoishooigoi Ru		0.133	F	0.685	390	G	201
	То				Vincient Ave							
	From				Dogwood Ln S							
Heritage Rd	240	G					NA			230	G	201
	То				Dogwood La N							
1914-1	From				Hershberger Rd		0.000	_	0.004	4000	_	
Hildebrand Rd	2000 <sub>то</sub>	G			Whitney Ave		0.089	F	0.624	1900	G	201
	From	l I					<u> </u>					
Hillview Ave	190	G			Troxell Rd		NA			180	G	201
T IIIIVIOW 7 (VO	To				Ventnor Rd		<b>—</b> "``			100	Ü	201
	From			Ramp	from I-581 N to Elm Ave							
I-581 North and South	NA			rump	TOM TOO THE DAM THE		NA			NA		
	To			Ramp	from Elm Ave to I-581 N							
	From				Lansing Dr							
Langdon Rd	360	G					0.122	F	0.521	390	G	201
	То				Fairway Dr							
Liberto Del	From				Hollins Rd		0.450	_	0.5	400	_	204
Liberty Rd	<b>200</b>	G			Norton Ave		0.159	F	0.5	190	G	201
	From				Oakland Ave							
Maplelawn Ave	240	G			Oakiand Ave		0.165	F	0.568	260	G	201
.,	То				Link St							
	From				Brook Run Dr							
Meadow Run Dr	290	G					NA			310	G	201
	То				Spring Tree Dr							
	From				Northwood Dr							
Meadowbrook Rd	1200 <sub>то</sub>	G			ai Di		0.112	F	0.597	1300	G	201
					Sloan Rd		_					
Mecca St	2600	G			King St		NA			2800	G	201
IVIGOCA SI	<b>2000</b>				Belle Ave		INA			2000	G	∠U I
	From				Yellow Mt Rd							
Melcher St	350	G			TOHOW IN INC		0.112	F	0.809	370	G	201
	То				Carico Ave							
	From				Vermont Ave							
Monroe St	1200	G					NA			1300	G	201
	To				Maine Ave							
	From				Old Mountain Rd							
Monterey Rd	940	G			D 15 '		0.109	F	0.709	1000	G	201
	To	<u> </u>			Dead End							
Montroso Avo	From				Morningside St		0.100	F	0.701	1000	C	204
Montrose Ave	1800 <sub>то</sub>	G			11th Half St		0.108	Г	0.701	1900	G	201
		l			111111111111111111111111111111111111111		<u> </u>					

						City C	of Roanol	ke							
	Length AA	.DT	QA	4Tire	Bus			ıck 1Trail 2	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
tv of Roanoke		From:				Av	iation Dr			1					
Municipal Airport Entrance	e <b>33</b>	00	G							NA			3300	G	2011
		To				1	Airport								
		From:				Wi	insloe Dr								
Oaklawn Ave	53	30	G							NA			560	G	2011
		To:					elridge Rd								
Persinger Rd	17	From:	G			Col	lonial Ave			NA			1800	G	201
reisinger Nu	17	To:	G			Blue	efield Blvd						1000	G	201
		From:					Cove Rd								
Portland Ave	10	00	G				ove Ru			NA			1100	G	201
		To:				C	Oleva St								
		From:				New Spi	ring Branch	n Rd							
Ray Rd	32	20	G							0.136	F	0.644	340	G	201
		To:				D	ead End								
		From:				Guı	n Club Rd								
Renfro Blvd	21		G							NA			230	G	201
		To:				I	Pilot St								
David de Dil	01	From				M	abry Ave						000	_	004
Reynolds Rd	8:	50 To:	G			ECI	L Roanoke			NA			920	G	201
		From:								+					
Richard Ave	10	00	G			Car	nnaday Rd			NA			1100	G	201
Nicharu Ave	10	To:	G			ν	Aecca St						1100	G	201
		From					sissippi Ave								
Ridgefield St	15	50	G			IVIISS	issippi Ave			0.118	F	0.619	160	G	201
		To-				No	orton Ave								
		From:				В	Burks St								
Roanoke Ave	14	00	G							0.109	F	0.789	1500	G	201
		To:				В	Byrne St								
		From:				1	19Th St								
Salem Ave	45	00	G							0.090	F	0.579	4800	G	201
		To:				2	20Th St								
•		From:				Rose	ewood Ave	:							
Sweetbrier Ave	17	70 To:	G			CI	1:cc 1.c.			NA			180	G	201
							lifford St								
Valentine Ave	40	From:	G			De	eyerle Rd			0.143	F	0.541	420	G	201
Valeriline Ave	40	To:	-			Kno	ollwood Rd			0.143		0.541	420	G	201
		From:					Ring Rd								
Valley View Blvd NW	120	000	G			r	ang Ru			NA			12000	G	201
		To-				Vollar	View Blvd	NIW							
Valley View Blvd NW	140	From:	G			vaney V	VICW DIVU	14 44		NA			14000	G	201
		<sub></sub>	_			¥7-11 ¥	Law D1 1	NIW/		¬				_	
Valley View Blvd NW	160	From:	G			variey V	View Blvd	IN W		NA			16000	G	201
. and, viola biva item	.00	To:					I-581			Π,			.5000	•	_01
		From:					anes Rd								
Ventnor Rd	77		G			ь	IN			0.128	F	0.591	820	G	201
		To				Hill	lview Ave								
		From:				O	mar Ave								
Vinyard Ave	2	0	G							NA			30	G	201
		To:				A	therly St								
		From:				C	Comer St								
Virginia Ave	21	10	G							NA			220	G	201
		To:				D	ead End								

Route	Length	AADT	QA	4Tire	Bus	Truck 2Axle 3+Axle 1Trail 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke			ā			ZAXIE STAXIE IIIAII ZIIAII		racio		racioi			
		From				Woodbury St							
Whitney Ave		990	G					NA			1000	G	2011
·		To				Hubert Rd							
		From	:			Winterberry Lane							
Willow Oak Dr		160	G					0.136	F	0.64	170	G	2011
		To	c			Willow Oak Circle							
		From				Edgewood St							
Windsor Ave		1300	G					0.118	F	0.565	1400	G	2011
		To	:			Derwent Dr							