2009

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	211	Dir		۵.
Route	Jurisdiction	Length AADT	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	Q١
	From:	ECL Sales	n												
Brandon Ave	City of Roanoke	1.35 19000	F	98%	0%	1%	0%	0%	0%	F	0.094	F	0.621	22000	I
~	To	Edgewood St; Mu	d Lick Rd												
11 Brandon Ave	City of Roanoke	1.03 12000	F	98%	0%	1%	0%	0%	0%	F	0.084	F	0.571	14000	
÷)	To:	Grandin R	d												
~~	From:	Brandon A													
11 Grandin Rd	City of Roanoke	0.70 7300	F	98%	0%	1%	0%	0%	0%	F	0.093	F	0.620	8300	
~	To: From:	Memorial Av Grandin R													
11 Memorial Avenue	City of Roanoke	0.84 11000	<u>а</u>	98%	0%	1%	0%	0%	0%	С	0.115	Α	0.593	13000	
11 Memorial Avenue	To:	Campbell A		30 /0	070	170	076	078	070	C	0.113	^	0.555	13000	
	From:	13th St	ive												
1 Campbell Ave	City of Roanoke	0.53 4300	F	98%	0%	1%	0%	0%	0%	F	0.098	F	0.597	4900	
	To	74h C4													
Campbell Ave	City of Roanoke	7th St 0.47 5400	F	98%	0%	1%	0%	0%	0%	F	0.083	F	0.542	6200	
Odinipodii Ave	Only of Roalione		•	3070	070	170	070	070	070	•	0.000	•	0.542	0200	
~	From:	3rd St										_			
Campbell Ave	City of Roanoke	0.28 6800	F	98%	0%	1%	0%	0%	0%	F	0.08	F	0.738	7700	
~	To- From:	US 221 Jeffers	on St												
Campbell Ave	City of Roanoke	0.16 6800	N	98%	0%	1%	0%	0%	0%	Ν	0.08	Ν	0.738	7700	
~	To	Williamson													
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	From	Campbell A		000/	201		00/	00/	00/	_	0.000	_	0.507	0.4000	
1) (221) (116) Williamson Rd	City of Roanoke	0.15 <b>21000</b>	F	98%	0%	1%	0%	0%	0%	F	0.089	F	0.527	24000	
	To: From:	Shenandoah	Ave												
11) (221) (116) Williamson Rd	City of Roanoke	0.15 <b>15000</b>	F	98%	0%	1%	0%	0%	0%	F	0.099	F	0.723	17000	
~~·	To:	I-581													
11) (221) (116) Williamson Rd	City of Roanoke	0.50 12000	F	99%	0%	0%	0%	0%	0%	F	0.082	F	0.556	12000	
	To:	HG 460 O													
11 Williamson Rd	City of Roanoke	US 460 Orang 0.92 <b>15000</b>	F Ave	99%	0%	0%	0%	0%	0%	F	0.079	F	0.502	15000	
11 Williamson Rd	City of Roalloke	0.92 13000	Г	9970	076	0 /6	076	076	0 /6		0.079		0.302	13000	
~	From:	Liberty R										_			
Williamson Rd	City of Roanoke	0.51 <b>16000</b>	F	99%	0%	0%	0%	0%	0%	F	0.08	F	0.508	16000	
~	To: From:	10th St													
11 Williamson Rd	City of Roanoke	1.27 <b>18000</b>	F	99%	0%	0%	0%	0%	0%	F	0.077	F	0.501	19000	
~	To:	SR 101 Hershbe	rger Rd												
Williamson Rd	City of Roanoke	0.11 <b>19000</b>	F	99%	0%	0%	0%	0%	0%	F	0.085	F	0.514	19000	
	To														
11 Williamson Rd	City of Roanoke	SR 118 Airpo	rt Rd <b>F</b>	99%	0%	09/	00/	00/	00/	Е	0.094	Е	0.51	19000	
11 Williamson Rd	City of Roanoke	0.39 <b>17000</b> NCL Roand		99%	U%	0%	0%	0%	0%	F	0.084	F	0.51	18000	
LT ~~~	From	ECL Sales		000/	407		407	407	00/	_	0.000	_	0.545	47000	
11) (460) Melrose Ave	City of Roanoke	0.65 <b>16000</b>	F	96%	1%	1%	1%	1%	0%	F	0.088	F	0.517	17000	
~ ~	To:	SR 117 Peters C	reek Rd												

## 2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

		City	of Roan	OKE								.,				
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		Tru			QC	K	QK	Dir	AAWDT	QW
ALT.	From	CD 117	D . C	1.0.1			2Axie	3+Axle	1 i rail	21 rail		Factor		Factor		
ALT (460 Melrose Ave	City of Roanoke	1.75	Peters Cre	ek Rd F	96%	1%	1%	1%	1%	0%	F	0.086	F	0.507	13000	F
(11) (460) Melrose Ave	City of Roalloke	1.75		Г	90 /6	1 /0	1 /0	1 /0	1 /0	076	-	0.000		0.507	13000	
ALT	To- From:		24th St													
(11) (460) (116) Melrose Ave	City of Roanoke	0.41	12000	F	96%	1%	1%	1%	1%	0%	F	0.086	F	0.511	13000	F
	To:	Sal	em Turnpil	ke												
ALT	From:		•								_		_			_
(11) (460) (116) Orange Ave	City of Roanoke	1.00	13000	F	96%	1%	1%	1%	1%	0%	F	0.082	F	0.501	14000	F
ALT	To- From:	10TH S	T, Gainsbo	oro Rd												
(11) (460) (116) Orange Ave	City of Roanoke	0.90	17000	Α	96%	1%	1%	1%	1%	0%	С	0.096	Α	0.512	18000	Α
(11) (460) (116) Grange 7 (16	ony of recarries					1,70		170	170	070	Ū	0.000	,,	0.012	10000	, ,
ALT ALT	From:	I-581, US	S 220, ALT	SR 220												
(11) (460) (116) (220) Orange A	Ave City of Roanoke	0.24	35000	F	96%	1%	1%	1%	1%	0%	F	0.081	F	0.633	38000	F
	To	US 11	Williamso	on Rd												
	From:	SR 1	16 Jefferso	n St												
(24) Elm Avenue	City of Roanoke	0.17	16000	F	98%	1%	1%	0%	1%	0%	С	0.078	F	0.505	18000	F
$\overline{\smile}$	To:		I-581													
24 Elm Avenue	City of Roanoke	0.25	27000	F	97%	1%	1%	0%	1%	0%	С	0.085	F	0.567	29000	F
24)	7.															
24 Bullitt Avenue	City of Roanoke	0.68	24 Par, 6th 12000	F	98%	0%	1%	0%	1%	0%	С	0.11	F		13000	F
24 Bullitt Avenue	•			F							С	0.11	F	0.600		F
	Combined Traffic Estimates for 2 Parallel Roadway		24 P, 13th		98%	0%	1%	0%	1%	0%	C	0.067	Г	0.608	26000	Г
	From:	5K	13th St	St.												
24 Jamison Ave	City of Roanoke	0.19	27000	F	98%	0%	1%	0%	1%	0%	F	0.09	F	0.627	29000	F
	To:		Dale Ave													
	From:		amison Ave													
(24) Dale Ave	City of Roanoke	0.69	26000	F	98%	0%	1%	0%	1%	0%	С	0.092	F	0.63	28000	F
<u> </u>	To:	EG	CL Roanok	æ												
	From:		6th St													
24 Jamison Ave	City of Roanoke	0.68	12000	F	98%	0%	1%	0%	1%	0%	С	0.102	F		13000	F
	Combined Traffic Estimates for 2 Parallel Roadway		24000	F	98%	0%	1%	0%	1%	0%	С	0.087	F	0.608	26000	F
	To:	SR 24 Jamiso	on Ave; Bu	ıllitt Ave	nue											
	From:		Peters Cre													
101 Hershberger Rd	City of Roanoke	1.34	9100	F	99%	0%	1%	0%	0%	0%	С	0.094	F	0.502	9800	F
	To:	SR	116 Cove l	Rd												
101 Hershberger Rd	City of Roanoke	0.58	24000	F	97%	1%	1%	1%	1%	0%	F	0.09	F	0.514	28000	F
	To:		I-581													
	From:		alley View						-							
101 Hershburger Rd	City of Roanoke	1.25	36000	F	97%	1%	1%	1%	1%	0%	F	0.088	F	0.527	42000	F
$\overline{}$	To:	US 11	Williamso	on Rd												
	From:		Orange Ave													
115 Hollins Rd	City of Roanoke	1.02	7100	F	95%	0%	1%	1%	2%	0%	С	0.091	F	0.597	7700	F
$\smile$	To:		Liberty St													

## 2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

<b>.</b>	1					Tru	ıck		00	K	014	Dir	4.414/DT	01/
Route	Jurisdiction	Length AADT Q	4 4Tir	e Bus	2Axle	3+Axle			QC	Factor	QK	Factor	AAWDT	Q۷
_	From:	Hollins Rd												
115)Liberty Rd	City of Roanoke	0.30 <b>4700</b> F	95%	0%	1%	1%	2%	0%	F	0.098	F	0.618	5100	F
$\mathcal{L}$	То:	Plantation Rd												
	From:	Liberty Rd							_		_			
115) Plantation Rd	City of Roanoke	0.88 <b>8900 F</b>	97%	0%	1%	1%	1%	0%	С	0.087	F	0.569	9700	l
<u> </u>	To: From:	Hollins Rd			<u> </u>									
115) Plantation Rd	City of Roanoke	0.66 <b>15000 F</b>	97%	0%	1%	1%	1%	0%	С	0.087	F	0.539	17000	- 1
<u> </u>	To:	NCL Roanoke												
	From:	SCL Roanoke												
116)Mt Pleasant Blvd	City of Roanoke	0.70 <b>8700 F</b>	98%	0%	1%	0%	0%	0%	F	0.104	F	0.847	8200	ı
110)	To:	Riverland Rd	007	, ,,,		0,0	0,0	0,0	•	01.01	·	0.0	0200	
	From:	Mt Pleasant Blvd												
116 Riverland Rd	City of Roanoke	0.62 <b>9800 F</b>	98%	0%	1%	0%	0%	0%	С	0.099	F	0.843	9200	- 1
	Total	Out. Ca												
116)Riverland Rd	City of Roanoke	9th St 0.73 <b>8000 F</b>	98%	0%	1%	0%	0%	0%	F	0.095	F	0.706	7500	
116 Riveriand Ru	City of Roalloke	Piedmont St	90%	0 70	170	0%	0%	0%	Г	0.095	Г	0.706	7500	
	From:	Riverland Rd												
116) Piedmont St	City of Roanoke	0.07 <b>3800</b> F	98%	1%	1%	0%	0%	0%	F	0.100	F	0.73	3600	
110) r loamon et	To:	Walnut Ave	007	, 1,0		070	070	070	•	0.100	•	0.70	0000	
	From:	Piedmont St												
116)Walnut Ave	City of Roanoke	0.26 <b>5200 F</b>	98%	1%	1%	0%	0%	0%	С	0.106	F	0.621	5600	-
	To:	Jefferson St												
	From:	Walnut Ave												
116 Jefferson St	City of Roanoke	0.42 <b>10000 F</b>	98%	1%	1%	0%	0%	0%	F	0.093	F	0.55	9800	I
$\mathcal{L}$	To:	Elm Ave												
	From:	US 221; 1US 221-P; 128-8015												
116)(221) Jefferson St	City of Roanoke	0.28 <b>3100 F</b>	99%	0%	1%	0%	0%	0%	F	0.103	F	0.63	3400	I
$\bigcirc \bigcirc$	To:	US 11												
	From:	Campbell Ave							_		_			
116) (11) (221) Williamson Rd	City of Roanoke	0.15 <b>21000 F</b>	98%	0%	1%	0%	0%	0%	F	0.089	F	0.527	24000	I
$\bigcirc$ $\bigcirc$ $\bigcirc$	From:	Shenandoah Ave												
116) (11) (221) Williamson Rd	City of Roanoke	0.15 <b>15000 F</b>	98%	0%	1%	0%	0%	0%	F	0.099	F	0.723	17000	ı
	To	I-581												
116) (11) (221) Williamson Rd	City of Roanoke	0.50 <b>12000 F</b>	99%	0%	0%	0%	0%	0%	F	0.082	F	0.556	12000	
116 (11) (221) Williamson Rd	City of Roanoke	US 11	99%	0%	0%	0%	0%	0%	Г	0.062	Г	0.556	12000	
ALT ALT	From:	US 460												
$\neg \sim \sim \sim$	City of Roanoke	0.24 <b>35000</b> F	96%	1%	1%	1%	1%	0%	F	0.081	F	0.633	38000	
116 (460) (11) (220 Orange Ave	Only of recarrons			, 170		170	170	070	•	0.001	•	0.000	00000	
ALT	To: From:	I-581, US 220, ALT SR 2	20											
116)(460)(11) Orange Ave	City of Roanoke	0.90 <b>17000 A</b>	96%	1%	1%	1%	1%	0%	С	0.096	Α	0.512	18000	A
110 (30) (11)	- ,		/-						-		-			
ALT	From:	10th St, Gainsboro Rd												
116)(460)(11) Orange Ave	City of Roanoke	1.00 <b>13000 F</b>	96%	1%	1%	1%	1%	0%	F	0.082	F	0.501	14000	F
	To:	Salem Turnpike												

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## 2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

Route	Jurisdiction	n Length	AADT	QA	4Tire	Rue		Tru	ck		QC	K	QK	Dir	AAWDT	
	Canadian				71110	Duo	2Axle	3+Axle	1Trail	2Trail	<u> </u>	Factor	Q, i v	Factor	700001	
ALT Molroso Avo	City of Poppe		alem Turnpike 12000	e F	060/	10/	10/	10/	10/	00/	_	0.086	F	O E11	12000	
16 (460) (11) Melrose Ave	City of Roand			Г	96%	1%	1%	1%	1%	0%	Г	0.086	Г	0.511	13000	
	To- From:		Melrose Ave													
16 Lafayette Blvd	City of Roand	oke 0.73	9000	F	98%	1%	1%	0%	0%	0%	С	0.082	F	0.592	8500	
	10: From:	T	Cove Rd Lafayette Blvd	1												
116 Cove Rd	L City of Roand		15000	F	98%	1%	1%	0%	0%	0%	F	0.083	F	0.555	14000	
116) 60/61/10	To:		01 Hershberge		3070	170		070	070	070	•	0.000	•	0.000	14000	
	From:		11 Brandon A													
Peters Creek Rd Ext	L City of Roand		15000	F	97%	1%	1%	1%	1%	0%	F	0.093	F	0.525	17000	
117 Peters Creek Rd Ext	To:		Aerial Way Dr		31 /0	1 /0	1 70	1 /0	1 /0	070	'	0.033	'	0.525	17000	
	From:		Melrose Ave													
117) Peters Creek Rd	City of Roand	oke 0.46	21000	F	97%	1%	1%	1%	1%	0%	F	0.089	F	0.527	24000	
	то.	Ľ	Hershburger Ro	A												
117) Peters Creek Rd	From: City of Roand		15000	F	97%	1%	1%	1%	1%	0%	F	0.088	F	0.549	17000	
117). Store Grook Rd	Sity of Roans	0.07		•	31 /0	1 /0	1 /0	1 /0	170	070		5.000	•	5.0-15	17000	
Detero Crosti Dd	To.	alco 4.07	Cove Rd	_	070/	40/	10/	407	407	00/		0.00		0.500	10000	
Peters Creek Rd	City of Roand	oke 1.37	17000	F	97%	1%	1%	1%	1%	0%	F	0.09	F	0.509	19000	
	To: From:		I-581													
117) Peters Creek Rd	City of Roang	oke 0.82	21000	Α	97%	1%	1%	1%	1%	0%	С	0.112	Α	0.510	24000	
$\smile$	To:	1	NCL Roanoke	;												
	From:		11 Williamsor	ı Rd												
118)Airport Rd	City of Roand	oke 0.63	7700	F	99%	0%	0%	0%	0%	0%	F	0.108	F	0.537	8200	
$\smile$	To:		Municipal Rd													
118) Airport Rd	City of Roand		12000	Α	99%	0%	0%	0%	0%	0%	С	0.118	Α	0.504	12000	
110	To:		NCL Roanoke													
	From:	,	SCL Roanoke													
Franklin Rd	City of Roanoke (M		38000	F	88%	1%	1%	1%	9%	1%	F	0.077	F	0.59	39000	
220)	To.	-							-,-							
Pay Mahhar Evans	City of Doopele (M		220; SR 419 E			1%	10/	10/	00/	40/	F	NΙΛ			44000	
Roy Webber Expwy	City of Roanoke (N	Maint: 80) 1.92	42000	G	88%	170	1%	1%	9%	1%	г	NA			44000	
~	To: From:		Wonju St													
Roy Webber Expwy	City of Roanoke (N	Maint: 80) 1.71	57000	G	88%	1%	1%	1%	9%	1%	F	NA			58000	
<del>~</del>	To: From:	SR 2	24 Elm Ave; I-	-581												
220 (581)	City of Roanoke (N	Maint: 80) 0.66			5	See I-58	31 for di	ectional t	traffic v	olume es	stimate	es for this	segr	nent.		
$\sim$	Combined Traffic Estimates for 2 Paralle	Roadways on this Route:	75000	F	94%	1%	1%	1%	4%	0%	F	NA			84000	
	To:	TIS 1	11 Williamsor	n Rd												
220 (581)	From: L City of Roanoke (M		// // // // // // // // // // // // /		ć	See I-58	31 for di	ectional t	traffic v	olume es	stimate	es for this	s sear	nent.		
220 301	Combined Traffic Estimates for 2 Paralle	,	79000	F	94%	1%	1%	1%	4%	0%	F	NA	- Jugi		88000	
	_ F	<u> </u>			J-70	1 /0	1 /0	1 /0	770	070		14/1			00000	
~	Tron-		460 Orange A	Ave		200   50	24 for all	ention of	woff:-	aluma a .c.:	stins = '	00 for th'		mont		
220 581	City of Roanoke (M	•		_								es for this	s segr	nent.		
• •	Combined Traffic Estimates for 2 Paralle	I Roadways on this Route:	76000	F	94%	1%	1%	1%	4%	0%	F	NA			86000	

		Oity	oi Roanoke				<del>-</del>				17		D:-		
Route	Jurisdiction	Length	AADT QA	4Tire	Bus				2Trail	QC	K	QK	Dir Factor	AAWDT	QW
	From:	Valla	ey View Blvd			ZAXIE	3+Axle	iirall	ZITAII		Factor		Factor		
(220)(581)	City of Roanoke (Maint: 80		cy view bivu		See I-58	31 for dir	ectional	traffic v	olume es	stimate	es for this	sear	ment.		
(220)(301)	Combined Traffic Estimates for 2 Parallel Roady	•	62000 A	94%	1%	1%	1%	4%	0%	С	0.109	A	0.510	69000	Α
	To	-	Hershberger Rd												
(220)(581)	City of Roanoke (Maint: 80		Tiersnoerger rea		See I-58	31 for dir	ectional	traffic v	olume es	stimate	es for this	segr	ment.		
(225)(60.7)	Combined Traffic Estimates for 2 Parallel Roady	vays on this Route:	53000 F	94%	1%	1%	1%	4%	0%	F	NA	•		60000	F
	То:	SR 117	Peters Creek Rd												
Bus	From:		419 South of Roa												
(220) Franklin Rd	City of Roanoke (Maint: 80	0) 0.27	22000 F	98%	0%	1%	0%	0%	0%	С	0.082	F	0.512	23000	F
Bus	From:	Pe	narth Road												
220 Franklin Rd	City of Roanoke	1.26	18000 F	98%	0%	1%	0%	0%	0%	F	0.091	F	0.518	17000	F
<u></u>	Too	128	-3 Wonju St												
Bus Franklin Dd	City of Doopoles		<u> </u>	000/	00/	40/	00/	00/	00/	F	0.000	F	0.514	11000	_
Franklin Rd	City of Roanoke			98%	0%	1%	0%	0%	0%	г	0.098	г	0.514	11000	F
Bus	To: From:	128-8003	3 McClanahan St												
220 Franklin Rd	City of Roanoke	0.41	9900 F	98%	0%	1%	0%	0%	0%	F	0.094	F	0.517	9400	F
<u> </u>	То:	128-8015	; I-581 Underpas	S											
ALT ALT	From:		220, ALT SR 22												
220 460 11 116 Orange A	Ave City of Roanoke	0.24	35000 F	96%	1%	1%	1%	1%	0%	F	0.081	F	0.633	38000	F
ALT	To: From:	US 11	Williamson Rd												
220 (460) (221) Orange Ave	City of Roanoke	0.49	41000 F	96%	1%	1%	1%	1%	0%	F	0.078	F	0.564	45000	F
$\bigcirc$ $\bigcirc$ $\bigcirc$	To	SR 11	15 Hollins Rd												
ALT (220) (460) (221) Orange Ave	City of Roanoke	1.14	40000 F	91%	1%	1%	1%	5%	0%	С	0.076	F	0.56	42000	F
220 460 221 Orange Ave	ony of realistic			3170	1 /0	1 70	1 70	370	070	O	0.070	•	0.50	42000	'
ALT	to: From:		24th St												
220 (460) (221) Orange Ave	City of Roanoke	1.37	31000 F	90%	1%	1%	2%	6%	0%	С	0.074	F	0.504	32000	F
ALT	To: From:	128-	8055 King St												
(220) (460) (221) Orange Ave	City of Roanoke	0.18	39000 F	94%	0%	1%	1%	4%	0%	F	0.08	F	0.546	41000	F
223 (403)(221)	To:	Roanol	ke County Line												
	From:	WC	CL Roanoke												
221 Brambleton Ave	City of Roanoke	1.39	15000 F	99%	0%	1%	0%	0%	0%	С	0.107	F	0.606	14000	F
<u> </u>	To: From:	Ove	erland Road												
221 Brambleton Ave	City of Roanoke	0.52	8100 F	99%	0%	1%	0%	0%	0%	F	0.111	F	0.636	7700	F
$\overline{}$	To	Br	andon Ave			_									
221 Main St	City of Roanoke	1.19	9500 F	99%	0%	1%	0%	0%	0%	F	0.098	F	0.620	9000	F
$\overline{}$	Tat		8th St			<u> </u>									
(221) Elm Ave	City of Roanoke	0.46	12000 F	98%	0%	1%	0%	0%	0%	С	0.091	F	0.666	11000	F
<del></del>	To:	US 22	20 Franklin Rd												

## 2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

		Oit	of Roand	JKE				T	-l.			IZ.		D:-		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	04.4.	Tru		OT'1	QC	K	QK	Dir	AAWDT	QW
	From	TIG (	20 F 11	D.1			ZAXIE	3+Axle	11 raii	21 raii		Factor		Factor		
221 Elm Ave	City of Roanoke	0.30	220 Franklin 11000	F	98%	0%	1%	0%	0%	0%	F	0.079	F	0.52	11000	F
221) Lilli Ave	Combined Traffic Estimates for 2 Parallel Roa			F	99%	0%	1%	0%	0%	0%		0.073	F	0.566	19000	F
	To:		R 24, SR 11		9970	076	1/0	0 /6	0 /0	076	-	0.092	-	0.500	19000	-
	From:		16 US 221 E													
221 116 Jefferson St	City of Roanoke	0.28	3100	F	99%	0%	1%	0%	0%	0%	F	0.103	F	0.63	3400	F
	To:	US 11 Willia		ampbell	Ave											
	From:		Salem Ave								_		_			_
221) (11) (116) Williamson Rd	City of Roanoke	0.15	21000	F	98%	0%	1%	0%	0%	0%	F	0.089	F	0.527	24000	F
<del>*                                    </del>	To: From:	Sh	enandoah A	ve												
221 (11) (116) Williamson Rd	City of Roanoke	0.15	15000	F	98%	0%	1%	0%	0%	0%	F	0.099	F	0.723	17000	F
$\sim$	To:		I-581													
221 (11) (116) Williamson Rd	City of Roanoke	0.50	12000	F	99%	0%	0%	0%	0%	0%	F	0.082	F	0.556	12000	F
	To															
ALT	From:		US 460 S													
221 (460)(220) Orange Ave	City of Roanoke	0.49	41000	F	96%	1%	1%	1%	1%	0%	F	0.078	F	0.564	45000	F
~~~ <u>~</u>	To:	SR	115 Hollins	Rd			$\neg$ $\vdash$									
ALT Oranga Ava	City of Roanoke	1.14	40000	F	91%	1%	1%	40/	E0/	00/	С	0.076	F	0.56	42000	F
221 460 220 Orange Ave	City of Roarloke	1.14	40000	Г	91%	1%	1%	1%	5%	0%	C	0.076	Г	0.56	42000	Г
ALT	To: From:		24th St													
221 (460) (220) Orange Ave	City of Roanoke	1.37	31000	F	90%	1%	1%	2%	6%	0%	С	0.074	F	0.504	32000	F
221) (400) (220)	Tax		0055 W:													
ALT ALT	From:		8-8055 King													
221 (460) (220) Orange Ave	City of Roanoke	0.18	39000	F	94%	0%	1%	1%	4%	0%	F	0.08	F	0.546	41000	F
\$\$0	To:	Е	CL Roanok	e												
~~	From:	US	221 Elm A	ve												
221 Franklin Rd	City of Roanoke	0.40	8600	F	99%	0%	1%	0%	0%	0%	F	0.108	F	0.651	8200	F
	Combined Traffic Estimates for 2 Parallel Roa	,	20000	F	99%	0%	1%	0%	0%	0%	F	0.092	F	0.566	19000	F
	То:	US 221,	SR 116 Jeff	erson St												
	From:		ıs US 220 F		Rd											
419)Electric Rd	City of Roanoke (Maint:	: 80) 0.07	41000	F	99%	0%	0%	0%	0%	0%	F	0.083	F	0.545	45000	F
\smile	То:	Roan	oke County	Line												
ALT	From:		ECL Salem													
460 (11) Melrose Ave	City of Roanoke	0.65	16000	F	96%	1%	1%	1%	1%	0%	F	0.088	F	0.517	17000	F
~~ <u>~</u>	To	SR 11'	7 Peters Cre	ek Rd												
ALT	From:				2001	407		407	407	001	_		_	0.507	10000	_
460 (11) Melrose Ave	City of Roanoke	1.75	12000	F	96%	1%	1%	1%	1%	0%	F	0.086	F	0.507	13000	F
ALT	Ta- From:		24th St													
460 (11) (116) Melrose Ave	City of Roanoke	0.41	12000	F	96%	1%	1%	1%	1%	0%	F	0.086	F	0.511	13000	F
400 (11) (10)	ony or resultance					. 70	- ,,,,	. 70	. 70	270	•	5.500	•	0.011	. 5000	•
ALT	To- From:		Salem Tpke													
460 (11) (116) Orange Ave	City of Roanoke	1.00	13000	F	96%	1%	1%	1%	1%	0%	F	0.082	F	0.501	14000	F
	To	10th 5	St, Gainsbor	o Rd												

6/12/2010 12

2009 Annual Average Daily Traffic Volume Estimates By Section of Route City of Roanoke

								Truc	ck			K		Dir		
Route	Jurisdiction .	Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	Q۱
ALT OTTO ALT	From:		St, Gainsbo		000/	40/	40/	40/	40/	00/	_	0.000	^	0.540	40000	,
160 (11) (116) Orange Ave	City of Roanoke	0.90	17000	Α	96%	1%	1%	1%	1%	0%	С	0.096	Α	0.512	18000	F
ALT ALT	To- From:	I-581, U	JS 220, ALT	SR 220	1											
460) (11) (116) (220) Orange A	ve City of Roanoke	0.24	35000	F	96%	1%	1%	1%	1%	0%	F	0.081	F	0.633	38000	I
ALT	To- From:	US 1	1 Williamso	on Rd												
160 (221) (220) Orange Ave	City of Roanoke	0.49	41000	F	96%	1%	1%	1%	1%	0%	F	0.078	F	0.564	45000	ı
	To: From:	SR	115 Hollins	s Rd												
60 (221) (220) Orange Ave	City of Roanoke	1.14	40000	F	91%	1%	1%	1%	5%	0%	С	0.076	F	0.56	42000	
	та		24th St													
60 (221) (220) Orange Ave	City of Roanoke	1.37	31000	F	90%	1%	1%	2%	6%	0%	С	0.074	F	0.504	32000	
60 221 220 Orange Ave	To To				3070	170	170	270	070	070	O	0.074	'	0.504	32000	
ALT	From:		8-8055 King		2.101			407	40.4		_		_			
60 221 220 Orange Ave	City of Roanoke	0.18	39000 noke County	F	94%	0%	1%	1%	4%	0%	F	0.08	F	0.546	41000	
l.	From:	SR 24 Elm A	•		F											
orth 81)(220)	City of Roanoke (Maint: 80)	0.66	36000	F	94%	1%	1%	1%	4%	0%	F	NA			40000	
51/(220)	Combined Traffic Estimates for 2 Parallel Roadways			F	94%	1%	1%	1%	4%	0%	F	NA			84000	
	To:		1 Williamso	on Rd												
orth	City of Roanoke (Maint: 80)	0.31	39000	F	94%	1%	1%	1%	4%	0%	F	NA			44000	
81 (220)	Combined Traffic Estimates for 2 Parallel Roadways			F	94%	1%	1%	1%	4%	0%	F	NA			88000	
	To		460 Orange					.,,	.,,							
rth	City of Pagnaka (Mainty 20)			F	94%	40/	10/	40/	40/	00/	F	0.440	NI		42000	
220	City of Roanoke (Maint: 80) Combined Traffic Estimates for 2 Parallel Roadways	1.68	38000	F	94% 94%	1% 1%	1% 1%	1% 1%	4% 4%	0% 0%	F	0.112 NA	N		43000 86000	
	Ta-				34 /0	1 /0	176	1 /0	470	070	•	INA			00000	
orth	From:		lley View B													
81 220	City of Roanoke (Maint: 80)	1.11	31000	Α	94%	1%	1%	1%	4%	0%	С	0.112	A	0.540	34000	
	Combined Traffic Estimates for 2 Parallel Roadways			Α	94%	1%	1%	1%	4%	0%	С	0.109	Α	0.510	69000	
orth	To- From:	SR 10	1 Hershberg	ger Rd												
81)(220)	City of Roanoke (Maint: 80)	1.75	26000	F	94%	1%	1%	1%	4%	0%	F	NA			30000	
	Combined Traffic Estimates for 2 Parallel Roadways			F	94%	1%	1%	1%	4%	0%	F	NA			60000	
	IV.		7 Peters Cre													
uth	City of Roanoke (Maint: 80)	SR 24 Elm A 0.77	ve; US 220 38000	Webber F	Expy 94%	1%	1%	1%	4%	0%	F	NA			43000	
81 (220)	Combined Traffic Estimates for 2 Parallel Roadways			F	94%	1%	1%	1%	4%	0%	F	NA			84000	
	To		1 Williamso		, 0	.,,				- / 0	,	, .			000	
uth	From:				0.407	407	40′	407	407	001	_	NIA		_	44000	_
<u>581</u> (220)	City of Roanoke (Maint: 80)	0.45	39000	F	94%	1%	1%	1%	4%	0%	F	NA NA			44000	
	Combined Traffic Estimates for 2 Parallel Roadways	on this Route:	79000	F	94%	1%	1%	1%	4%	0%	F	NA			88000	

Route	Jurisdiction Le	ength	AADT	QA	4Tire	Bus		Tru			QC	K	QK	Dir	AAWDT	QW
		J					2Axle	3+Axle	1Trail	2Trail		Factor		Factor		
South	From:	US 4	60 Orange	Ave												,
581)(220)	City of Roanoke (Maint: 80)	1.41	38000	F	94%	1%	1%	1%	4%	0%	F	0.112	Ν		43000	F
$\bigcirc\bigcirc\bigcirc$	Combined Traffic Estimates for 2 Parallel Roadways on this R	Route:	76000	F	94%	1%	1%	1%	4%	0%	F	NA			86000	F
	To:	Val	ley View Bl	vd												
South	From:			-												
581 (220)	City of Roanoke (Maint: 80)	1.49	31000	Α	94%	1%	1%	1%	4%	0%	С	0.112	Α		35000	Α
	Combined Traffic Estimates for 2 Parallel Roadways on this R	Route:	62000	Α	94%	1%	1%	1%	4%	0%	С	0.109	Α	0.510	69000	Α
	To	SR 10	l Hershberg	er Rd			_									
South	From:															
581)(220)	City of Roanoke (Maint: 80)	1.33	27000	F	94%	1%	1%	1%	4%	0%	F	NA			30000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this R	Route:	53000	F	94%	1%	1%	1%	4%	0%	F	NA			60000	F
	To:	N	CL Roanok	e												

						Oity O	rtoarion	<u> </u>								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke		From	:			SR 101	Ordway D	r			1					
(F74) Frontage Rd	0.42	1000	R								NA			NA		06/10/2009
\bigcirc		To				Roanoke	County Li	ne								
<u> </u>		From				US 220	Franklin R	d								
F ₈₉₇ Frontage Rd	0.39	1600 _{To}	R				110.220				NA —			NA		09/30/2009
		From] .r		***		US 220	11: 7: 1								
1 2nd St SW	0.23	5500	F	97%	1%	2% 2%	US 220 Fra 0%	0%	0%	F	0.123	F	0.564	5200	F	2009
		To From				Salen	n Ave SW									
1) 2nd St SW; Gainsboro	0.73	9100	F	97%	1%	2%	0%	0%	0%	С	0.117	F	0.660	8600	F	2009
<u> </u>		To				Orang	ge Ave NE									
O 5 11 4 115	0.04	From	<u> </u>			Kir	g St NE				<u> </u>					
2 Belle Ave NE	0.84	NA To				ECI	Roanoke				NA			NA		
		From	.1					D.1								
3 Wonju St	0.18	14000	F	98%	0%	1%	20 Franklin 0%	1%	0%	С	0.103	F	0.61	16000	F	2009
3 Wonju St	0.10	1-000		3070					070		0.103		0.01	10000	•	2003
3 Wonju St	0.12	14000	N	98%	(JS 220 Roy 1%	Webber E	xpwy 1%	0%	N	0.103	N	0.61	16000	N	2009
3 Wonju St	0.12	14000 To		90 /0	0 /6		onial Ave	1 /0	0 /6	IN	0.103	IN	0.01	10000	IN	2009
		From	:		IIS 11 I		US 220 W	illiamson	Rd		1					
4 Kimball Ave NE	0.75	9200	F	98%	0%	1%	0%	1%	0%	F	0.095	F	0.749	8700	F	2009
•		То	:			Orang	ge Ave NE									
		From	:			US 460	Orange Av	ve								
5 Plantation Rd NE	0.33	8200	F	98%	0%	1%	0%	1%	0%	F	0.082	F	0.592	7800	F	2009
<u> </u>		To	:				awk Ave	,								
5 Plantation Rd NE	0.82	7000	F	98%	0%	Mohav	wk Ave NE 0%	1%	0%	F	0.09	F	0.636	6600	F	2009
5 Plantation Rd NE	0.02	To		3070	070		Liberty Rd 1		070		0.03	'	0.000	0000	•	2003
		From	:				ad End									
6 Wells Ave NW	0.08	NA					aud End				NA			NA		
		To				Gainshor	ough Rd N	w								
6 Wells Ave	0.14	5300 From	F			Camboo	ough ru r	**			0.107	F	0.63	5200	F	2009
<u> </u>		To				Jefi	erson St									
6 Wells Ave NE	0.19	5300 From	N			001	erson st				0.107	Ν	0.63	5200	N	2009
<u> </u>		To	:		US 11, U	JS 221, SR	116 Willia	mson Rd	NE							
		From	:			Norfo	lk Ave SE									
7 Wise Ave SE	0.89	8100	F	98%	0%	1%	0%	1%	0%	F	0.129	F	0.832	7700	F	2009
\smile		To	:			WCL Vint	on; Walnut	Ave								
<u> </u>		From					Riverland I									
8 9th St SE	0.21	7600	F	98%	0%	1%	0%	1%	0%	F	0.088	F	0.568	7200	F	2009
		To From					ry Ave SE									
8 9th St SE	0.93	11000	F	98%	0%	1%	0%	1%	0%	F	0.093	F	0.557	10000	F	2009
<u> </u>		To From					litt Avenue	e SE								
8 9th St SE	0.06	11000	N	98%	0%	1%	0%	1%	0%	Ν	0.093	Ν	0.557	10000	N	2009
		To From				SR 24 P J	amison Ave	e SE								
8 9th St SE	0.18	5200	F	98%	0%	1%	0%	1%	0%	F	0.098	F	0.64	4900	F	2009
<u> </u>		То	•			Tazew	ell Ave SE	1								
	0.55	From			US	11; US 221	Williamso	n Rd SE								
9 Campbell Ave SE	0.59	NA To				NI~~F-	Il Avo CE				NA			NA		
		From	1 :1				olk Ave SE	,								
Norfolk Ave SE	0.30	NA From	<u> </u>			Campl	oell Ave SE	5			NA			NA		
(10) Norfolk Ave SE	0.30	NA To	:			1	4th St				INA			INA		
											_					
		From	•			I _P H	erson St									
11 Belleview Ave SE	0.61	5900		98%	0%	Jeff 1%	erson St 0%	0%	0%	С	0.095	F	0.596	5600	F	2009

Route	Length	AADT	QA	4Tire	Bus			uck 1Trail	2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
itv of Roanoke		From:														
Norfolk Ave Connector	0.03	NA Proint	<u> </u>			128-17 S	Salem Ave	SE			NA			NA		
13)		To				Norfo	lk Ave SE	1								
Norfolk Ave SE	0.14	From:	<u> </u>		1	Norfolk Ave	e Connect	tor SE			NIA			NA		
13) Norfolk Ave SE	0.14	To:	:			128-9 Can	npbell Av	e SE			NA T			INA		
		From:					fferson St				ĺ					
14) Williamson Rd SE	0.56	NA									NA			NA		
<u> </u>		To: From:					Elm Aven									
14) Williamson Rd SE	0.22	NA	<u> </u>			SR 24 Eli	m Avenue	SE			NA			NA		
14)		To:	:			US 221 F1	ranklin Ro	1 SE								
		From:				US 11 Can	npbell Av	e SW								
15) 1st St SW	0.04	NA									NA			NA		
<u> </u>		To: From:			1	28-17 Sale		_								
15) 1st St NW	0.09	NA				Centre A	Ave NW; (зар			NA			NA		
. <u></u>		To:	:			128-6 W	ells Ave N	٧W						-		
		From			U	JS 221, SR	116 Franl	klin Rd								
16) S Jefferson St	0.18	NA									NA			NA		
<u> </u>		To- From:				US 11 C	Campbell A	Ave								
16) S Jefferson St	0.05	NA									NA			NA		
		To	느				Salem Av	ve								
Salem Ave SW	0.34	4600	 F	98%	0%	13th	h St SW 0%	0%	0%	F	0.084	F	0.594	5300	F	2009
Salem Ave SW	0.54	4000		90 /0	0 /6			0 /6	078		0.004	-	0.594	3300	-	2003
Salem Ave SW	0.40	2700		98%	0%	9th 1%	1 St SW 0%	0%	0%	F	0.091	F	0.565	3100	F	2009
17) Salem Ave SW	0.40	2700		90 /0	0 /6			0 /6	076		0.091	-	0.505	3100	-	2003
17) Salem Ave SW	0.30	4300	F	98%	0%	5th 1%	1 St SW 0%	0%	0%	F	0.095	F	0.610	4900	F	2009
Combined		11000	F	98%	0%	1%	0%	0%	0%	F	0.084	F	0.6	13000	F	2000
		То	_				1 St SW								-	
17) Salem Ave SW	0.22	4600	F	98%	0%	1%	0%	0%	0%	F	0.11	F	0.668	5200	F	2009
		То	_			S Jef	fferson St									
17) Salem Ave SW	0.15	NA From:	: <u>B</u>								NA			NA		
<u> </u>									LCE							
		To			US 11, U	JS 221, Bus	220 Will	iamson Ro	a SE							
		From	<u> </u>			Campbe	ell Ave S	W		=						
18) 13th St SW	0.25	From:	F	98%	US 11, U	Campbe 1%	ell Ave SV	w 0%	0%	F	0.097	F	0.716	4100	F	2009
18) 13th St SW	0.25	3600 To:	<u> </u>			Campbe 1% Salem	oell Ave SV 0% n Ave SW	W 0%		F	0.097	F	0.716		F	2009
<u> </u>		3600 To:	<u> </u>			Campbe 1% Salem	ell Ave SV	W 0%		F		F	0.716	4100	F	2009
<u> </u>	0.25	3600 To:	<u> </u>			Campbo 1% Salem I-581	oell Ave SV 0% n Ave SW	W 0%		F	0.097	F	0.716		F	2009
<u> </u>		3600 To:	<u> </u>			Campbe 1% Salem I-581 Hershbe	oell Ave SV 0% n Ave SW 1, US 220	W 0%		F		F	0.716	4100	F	2009
19) Valley View Blvd NW		3600 From NA Tro	<u> </u>			Campbe 1% Salem I-581 Hershbe	n Ave SW 1, US 220 erger Rd N	W 0%		F		F	0.716	4100	F	2009
19) Valley View Blvd NW	1.39	3600 To: From NA To: From NA To:	<u> </u>			Campbe 1% Salem I-581 Hershbe 128-23	oell Ave SV 0% n Ave SW 1, US 220 erger Rd N Aviation I	W 0%		F	NA	F	0.716	4100 NA	F	2009
Valley View Blvd NW Airport Entrance Rd	1.39	3600 To: From: NA To: NA To: From: NA	<u> </u>			Campbe 1% Salem I-581 Hershbe 128-23	n Ave SW 1, US 220 erger Rd N	W 0%		F	NA NA NA	F	0.716	4100 NA NA	F	2009
Valley View Blvd NW Airport Entrance Rd	1.39	3600 To: From NA To: From NA To:	<u> </u>			Campbe 14% Salem I-581 Hershbe 128-23 SR 118	n Ave SW 1, US 220 erger Rd N Aviation I 3 Airport F Aviation I	W 0% own		F	NA	F	0.716	4100 NA	F	2009
Valley View Blvd NW Airport Entrance Rd	1.39	To. From: NA To. From: NA To. NA NA	<u> </u>		0%	Campbe 19% Salem 1-581 Hershbe 128-23 SR 118	nell Ave SV 0% n Ave SW 1, US 220 erger Rd N Aviation I 8 Airport R	W 0% of other order of the other order order of the other order of the other order of the other order orde		F	NA NA NA	F	0.716	4100 NA NA	F	2009
Nalley View Blvd NW Airport Entrance Rd Towne Square Blvd NW	1.39 0.28 0.53	3600 To	<u> </u>		0%	Campbe 14% Salem I-581 Hershbe 128-23 SR 118	nell Ave SV 0% n Ave SW 1, US 220 erger Rd N Aviation I 8 Airport R	W 0% of other order of the other order order of the other order of the other order of the other order orde		F	NA NA NA	F	0.716	4100 NA NA	F	2009
19 Valley View Blvd NW 20 Airport Entrance Rd 21 Towne Square Blvd NW	1.39	From: NA To: From: NA To: From: NA To:	<u> </u>		0% S	Campbe 19% Salem 1-581 Hershbe 128-23 SR 118	ell Ave SV 0% n Ave SW 1, US 220 erger Rd N Aviation I 8 Airport R Aviation I	W 0% of other order of the other order order of the other order of the other order of the other order orde		F	NA NA NA NA	F	0.716	A100 NA NA NA	F	2009
19 Valley View Blvd NW 20 Airport Entrance Rd 21 Towne Square Blvd NW 22 Rutgers St NW	1.39 0.28 0.53	AGOO To. From: NA To. From: NA To. From: NA To. From: Fro	F		0%	Campbe 1% Salem 1-581 Hershbe 128-23 SR 118 128-23 SR 118 R 101 Hers 3-21 Towne	ell Ave SV 0% n Ave SW 1, US 220 erger Rd N Aviation I 8 Airport R Aviation I	W 0% // IW Dr Dr Rd Dr Rd NW Blvd NW		F	NA NA NA NA	F	0.716	NA NA NA	F	2009
19 Valley View Blvd NW 20 Airport Entrance Rd 21 Towne Square Blvd NW 22 Rutgers St NW	1.39 0.28 0.53	NA To From: NA To From: NA To From: NA To NA To NA To			0% S	Campbe 1% Salem 1-581 Hershbe 128-23 SR 118 128-23 SR 118 R 101 Hers Hershbe	ell Ave SV 0% n Ave SW 1, US 220 erger Rd N Aviation I 3 Airport R Aviation I 8 Airport R shburger F e Square E	W 0% of other order of the other order order of the other order of the other order of the other order orde		F	NA NA NA NA	F	0.716	A100 NA NA NA	F	2009
19 Valley View Blvd NW 20 Airport Entrance Rd 21 Towne Square Blvd NW 22 Rutgers St NW	1.39 0.28 0.53	From: NA To:			0% S	Campbe 196 Salem 1-581 Hershbe 128-23 SR 118 128-23 SR 118 R 101 Hers Hershbe 128-20 Airp	oell Ave SV 0% n Ave SW 1, US 220 erger Rd N Aviation I 8 Airport R Aviation I 8 Airport R shburger R erger Rd N	W 0% o 0% o o o o o o o o o o o o o o o o		F	NA NA NA NA	F	0.716	NA NA NA	F	2009
19 Valley View Blvd NW 20 Airport Entrance Rd 21 Towne Square Blvd NW 22 Rutgers St NW	1.39 0.28 0.53	NA To From: NA To From: NA To From: NA To NA To NA To			0% S	Campbe 196 Salem 1-581 Hershbe 128-23 SR 118 128-23 SR 118 R 101 Hers Hershbe 128-20 Airp	ell Ave SV 0% n Ave SW 1, US 220 erger Rd N Aviation I 3 Airport R Aviation I 8 Airport R shburger F e Square E	W 0% o 0% o o o o o o o o o o o o o o o o		F	NA NA NA NA	F	0.716	NA NA NA	F	2009

						City of	Roanoke								
Route	Length	AADT	QA	4Tire	Bus		Truck 3+Axle 1Tra	il 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke			1												
Calanial Ava	0.01	From	F	000/	00/		iger Road	00/			_	0.570	24.000	_	2000
Colonial Ave	0.81	22000 _{To}	┌╴	99%	0%	0%	0% 0%	0%	F	0.094	F	0.572	21000	F	2009
							don Ave								
O Vallani Manadala Bul	0.50	From	<u> </u>	000/	00/		noke; 80-668	00/			_	0.740	0000	_	0000
8003 Yellow Mountain Rd	2.59	2700	F	99%	0%	0%	0% 0%	0%	С	0.12	F	0.749	2600	F	2009
		From				Jeffe	erson St								
8003 McClanahan St	0.48	8400	F	98%	0%	1%	0% 0%	0%	С	0.093	F	0.505	7900	F	2009
		To	:			Bus US 22	0 Franklin Rd								
_		From				ECL :	Roanoke								
Bandy Rd	0.37	1700	F	98%	0%	1%	0% 0%	0%	F	0.100	F	0.623	1900	F	2009
\bigcirc		To			1	28-8009 Ga	arden City Blvd.								
		From	:			WCL	Roanoke								
8008) Salem Tpke	1.35	7500	F	98%	0%	1%	0% 0%	0%	F	0.094	F	0.524	7100	F	2009
\bigcirc		To				36	5th St								
Salem Tpke	1.20	8400 From	F	97%	0%	1%	1% 1%	0%	С	0.085	F	0.516	7900	F	2009
	-	To	:				4th St								
		From	:				w Mtn Rd								
Garden City Blvd	0.42	5000	F	98%	0%	1%	1% 0%	0%	F	0.104	F	0.562	4700	F	2009
ous carron on biva	J. 12			5570	370				•		•	5.002	50	•	_500
Cardon City Divid	1.00	From	<u> </u>	000/	00/		ay Rd	00/		0.000		0.550	EC00		2000
Garden City Blvd	1.36	6000 To	F	98%	0%	1%	1% 0%	0%	С	0.093	F	0.559	5600	F	2009
		10	1				Riverland Rd			<u> </u>					
<u> </u>	0 10	From	<u> </u>	0=01	00.		Roanoke				_	0.500	10000	_	000
Shenandoah Ave	2.13	12000	F	97%	0%	1%	1% 1%	0%	С	0.091	F	0.522	13000	F	2009
<u> </u>		To From				24	4th St			\Box \vdash					
Shenandoah Ave	0.77	9300	F	97%	0%	1%	1% 1%	0%	F	0.097	F	0.574	10000	F	2009
<u> </u>		To				15	5th St								
Shenandoah Ave	0.86	9100 From	F	97%	0%	1%	1% 1%	0%	С	0.099	F	0.569	9900	F	2009
		To				5.	41. C4								
Shenandoah Ave	0.66	5000 From	F	97%	0%	1%	th St 1% 1%	0%	F	0.099	F	0.692	5400	F	2009
Shenandoan Ave	0.00	To		31 /0	070		mson Rd	070	- 1	0.033	'	0.032	3400		2003
		From													
Ogdon Pd	0.55		<u> </u>	000/	00/		Roanoke	00/		0.004	_	0.570	0400	_	2000
0011 Ogden Rd	0.55	8500 To	F	99%	0%	1%	0% 0%	0%	С	0.094	F	0.579	9400	F	2009
							Roanoke								
Orandia Dd	4 44	From	<u> </u>	000/	007	201	Roanoke	00/			_	0.500	7000	_	0000
8013 Grandin Rd	1.11	7200 To	F	99%	0%	0%	0% 0%	0%	С	0.104	F	0.568	7800	F	2009
		10	<u> </u>		US		Rd; Brandon Av	/e							
Oran P. D.I	0.70	From	<u> </u>	0001	001		Electric Rd	001			_	0.500	0400	_	0000
8014) Grandin Rd	0.72	5600	F	99%	0%	1%	0% 0%	0%	F	0.096	F	0.503	6100	F	2009
		From					llick Rd			ightharpoons					
8014) Grandin Rd	0.97	2500	F	99%	0%	1%	0% 0%	0%	С	0.115	F	0.513	2700	F	2009
\bigcirc		То				Garst	Mill Rd								
		From	-		Ţ	JS 220 Roy	Webber Expwy								
8015) Franklin Rd	0.60	11000	F	99%	0%	1%	0% 0%	0%	С	0.094	F	0.650	12000	F	2009
\bigcirc		To	:				lm Ave; Gap								
~ -		From	<u> </u>	000:			iamson Rd; Gap	25:			_	0 = 5 =	.	_	
Tazewell Ave	0.54	5600	F	98%	0%	1%	0% 0%	0%	С	0.131	F	0.796	6100	F	2009
		From				91	th St			\Box					
B015) Tazewell Ave	0.34	4700	F	98%	0%	1%	0% 0%	0%	F	0.134	F	0.905	5200	F	2009
\mathcal{O}		То				13	8th St								
		From	:			NCL Roano	ke NCL Salem							-	
8018) Green Ridge Rd	1.23	5600	F	99%	0%	0%	0% 0%	0%	F	0.110	F	0.53	6100	F	2009
															
Cove Pd	1.40	From	F	000/			ers Creek Road	00/		0.092	F	0.500	9900	F	2000
8018) Cove Rd	1.49	8000 To		99%	0%	0%	0% 0%	0%	С	0.092	F	0.502	8800	Г	2009
		To	1			Hershl	berger Rd								

						City of	Roanoke									
Route	Length	AADT	QA	4Tire	Bus	2Axle	Trucl 3+Axle 1		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke			1													
8020) Mud Lick Rd	1.43	3200	F	99%	0%	Grar 1%	ndin Rd 0%	0%	0%	F	0.121	F	0.664	3500	F	2009
(8020) Mud Lick Rd	1.43	3200 To		9970	076		randon Ave		0%	Г	0.121	г	0.004	3300	Г	2009
		From					don Ave									
8020) Edgewood Ave	0.76	6300	F	99%	0%	1%	0%	0%	0%	С	0.1	F	0.513	6900	F	2009
<u> </u>		To					orial Ave									
Momorial Ava	0.71	5300		99%	00/		vood Ave	0%	00/	F	0.000	F	0.542	5900	F	2000
Memorial Ave	0.71	3300 To		9970	0%	1% Gran	0% ndin Rd	076	0%	Г	0.099	Г	0.543	5800	Г	2009
		From														
8022) Hershberger Rd	0.60	11000		98%	0%	1%	omson Rd 0%	0%	0%	С	0.086	F	0.664	12000	F	2009
(8022) Hershberger Rd	0.00	То	<u> </u>	3070	070		Roanoke	070	070			•	0.004	12000	•	2000
		From	:				Riverland Ro	1			1					
8023) Bennington St SE	0.37	NA				SK 110 N	avenana K	1			NA			NA		
(8023) Bennington St SE	0.07													1471		
Pannington Ct	0.54	11000		97%	1%	1%	de Terrace 1%	0%	0%	С	0.091	F	0.573	12000	F	2000
Bennington St	0.54	T1000		97%	170			0%	0%		0.091	Г	0.573	12000	Г	2009
		From	-				isle Ave le Avenue									
(8023) 13th St	0.78	13000	F	98%	0%	1%		1%	0%	С	0.087	F	0.588	14000	F	2009
\bigcirc		To			SR 2	4 Jamison /	Ave; Bullitt	Avenue			一					
8023) 13th St	0.41	5800 From	F	98%	0%	1%	1%	1%	0%	F	0.083	F	0.615	6300	F	2009
0023	•	To										•			-	
14th Ct	0.07	From		000/	0%	1%	se Ave 1%	1%	0%	N	0.087	NI.	0.500	14000	N.I	2000
(8023) 14th St	0.07	13000 _{To}	N	98%	076		olk Ave	170	076	IN	0.067	N	0.588	14000	N	2009
		From	:				th St									
8023) Norfolk Ave	0.05	NA									NA			NA		
		To	:			Hol	lins Rd									
O 11 III - 51	0.00	From	<u> </u>	000/	407		olk Ave	00/	201			_	0.540	0000	_	0000
(8023) Hollins Rd	0.39	7600	F	92%	1%	2%		3%	0%	С	0.091	F	0.542	8300	F	2009
		From	:		US 460,		LT SR 220 C Hollins Road		Ave							
8023) Old Mountain Rd	1.75	7100	F	98%	0%	1%	1%	1%	0%	F	0.107	F	0.646	7800	F	2009
0023		То	:				noke; 80-60									
		From	:			Memo	orial Ave									
(8024) Mountain View Terrace	0.44	1800	F	98%	0%	1%		1%	0%	F	0.093	F	0.614	2000	F	2009
		To														
8024) Mountain View Terrace	0.05	1800	N	98%	0%	1%	dge St 0%	1%	0%	N	0.093	N	0.614	2000	N	2009
8024 Wodinain view Terrace	0.00	То		3070	070		erfield St	1 /0	070	- ' '	0.000	.,	0.014	2000	.,	2000
		From					View Terra	ce								
(8024) Chesterfield St	0.22	1200	F	98%	0%	1%	0%	1%	0%	F	0.096	F	0.559	1300	F	2009
<u> </u>		To	:			Memo	orial Ave									
_		From				McCla	anahan St									
(8025) Jefferson St	0.43	7100	F	98%	0%	1%	0%	1%	0%	F	0.083	F	0.552	7800	F	2009
<u> </u>		To From				Rese	rve Ave				\neg —					
8025) Jefferson St	0.40	13000	G	98%	0%	1%	0%	1%	0%	С	NA			14000	G	2009
\bigcirc		To	:			Walı	nut Ave									
		From	•			128-8029	Brandon Av	ve e								
8027) 23rd St	0.27	7200	F	98%	0%	1%	0%	1%	0%	F	0.086	F	0.502	8000	F	2009
\smile		To	:			Color	nial Ave									
		From			Bus U	S 11; Salem	Ave SW; 2	nd St S	W							
8028 Patterson Ave	1.04	6400	F	96%	0%	1%	0%	2%	0%	С	0.086	F	0.568	7000	F	2009
\bigcirc		To				13	3th St				一 —					
	0.50	2800 From	F	96%	0%	1%		2%	0%	F	0.09	F	0.568	3100	F	2009
8028 Patterson Ave	0.53		-	/ 0						-		-			-	
8028) Patterson Ave	0.53	To	:			US 11 Ca	ampbell Ave									
Patterson Ave	0.53							2								
Patterson Ave 8029 Brandon Ave	0.53	То		99%	0%		ampbell Avendin Rd	0%	0%	F	0.085	F	0.502	16000	F	2009

						City of Roanoke	7								
Route	Length	AADT	QA	4Tire	Bus	Truc		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke			1												
8029 Brandon Ave	0.92	21000	F	99%	0%	Main St 1% 0%	0%	0%	С	0.092	F	0.539	23000	F	2009
8029 Brandon Ave	0.92	Z 1000	•	3370	0 70	Franklin Rd	0 70	070		0.032	•	0.555	23000	'	2003
		From	:			24th St				i					
8030) Loudon St	1.23	1600	F	95%	0%	3% 1%	0%	0%	С	0.094	F	0.512	1800	F	2009
		То				10th St									
8030) Loudon St	0.43	950 From	F	95%	0%	3% 1%	0%	0%	F	0.094	F	0.58	1000	F	2009
		То	:			5th St									
		From				Dead End									
8031) Maple Ave	0.36	310	F	96%	0%	1% 0%	2%	0%	F	0.123	F	0.798	330	F	2009
<u> </u>		То				SR 116 Jefferson S	t								
0	0.00	From	<u> </u>	200/	40/	Brambleton Ave	00/	001			_	0.553	40000	_	0000
0verland Rd	0.32	11000 _{то}	F	98%	1%	1% 0%	0%	0%	F	0.101	F	0.557	12000	F	2009
		F				Colonial Ave				+					
8035) 5th St	0.37	7800	F	98%	1%	Elm Ave 1% 0%	0%	0%	С	0.102	F	0.738	7300	F	2009
5th St	0.57	. 550		JU /0	1 /0		U /U	J /U		0.102	•	0.700	7 300	•	2009
8035) 5th St	0.78	3900		98%	1%	Salem Ave	0%	0%	F	0.090	F	0.555	3700	F	2009
8035) 5th St	0.76	3900 To	Ė	90 /0	1 /0	Orange Ave	0 /0	0 /6		0.090		0.555	3700	-	2009
		From				Bus US 220 Franklin	Rd			i					
8036) Broadway Ave	0.47	8300	F	100%	0%	0% 0%	0%	0%	С	0.096	F	0.628	9000	F	2009
,		To				McClanahan St									
		From	:			Williamson Rd									
8038) Fleming Ave	0.87	1400	F	100%	0%	0% 0%	0%	0%	F	0.104	F	0.589	1500	F	2009
		To	:			Plantation Rd									
\bigcirc		From				Mountain View Terra									
8039 Bridge St	0.45	3600 _{To}	<u></u> F	100%	0%	0% 0%	0%	0%	F	0.088	F	0.5	3900	F	2009
						Patterson Ave									
Reserve Ave	0.37	3600	F	97%	0%	Franklin Rd 1% 1%	1%	0%	F	0.099	F	0.752	4000	F	2009
Reserve Ave	0.57	To	:	31 /0	0 70	Jefferson St	1 /0	070	'	0.033	'	0.732	4000	'	2003
		From	:			US 11 Campbell Av	/e			i					
8041) 10th St	0.07	NA				CS 11 Campten 110				NA			NA		
		To				128-8028 Patterson A	VA.								
8041) 10th St	0.12	5700 From	F	97%	0%	1% 1%	1%	0%	F	0.089	F	0.523	6200	F	2009
0041)	_	To				128-17 Salem Ave S									
8041) 10th St	0.75	8400 From	F	97%	0%	1% 1%	1%	0%	F	0.088	F	0.546	9100	F	2009
0041)		To				US 460 Orange Ave									
8041) 10th St	0.84	11000	F	97%	0%	1% 1%	1%	0%	F	0.087	F	0.511	12000	F	2009
8041)	0.0 .	To		0.70	0,0		.,,	0,0	•		•	0.0	.2000	•	
8041) 10th St	0.56	8200 From	F	99%	0%	I-581 Overpass 1% 0%	0%	0%	С	0.092	F	0.55	8800	F	2009
10th St	0.00	To		3370	070	Williamson Rd	070	070	<u> </u>	7	•	0.00	0000	•	2000
		From	:			SR 116 Mt Pleasant B	lvd			i					
8042) Rutrough Rd	0.57	1500	F	97%	0%	1% 1%	1%	0%	F	0.101	F	0.591	1600	F	2009
		То	:			ECL Roanoke									
		From				Patterson Ave									
8045) Boulevard St	0.16	8600	F	97%	0%	1% 1%	1%	0%	F	0.089	F	0.545	9500	F	2009
$\frac{\circ}{\circ}$		To From				Salem Ave				\supset					
8045) Boulevard St	0.25	11000	F	97%	0%	1% 1%	1%	0%	F	0.084	F	0.503	12000	F	2009
\bigcirc		To From	:			Baker Ave									
8045) 24th St	0.41	9900 From	F	97%	0%	1% 1%	1%	0%	F	0.082	F	0.538	11000	F	2009
\bigcirc		То				Melrose Ave									
		From				Bennington St									
/ Diversials Dal	0.78	1600	F	97%	0%	1% 1%	1%	0%	F	0.109	F	0.608	1700	F	2009
(8048) Riverdale Rd	00	To													

Rou	ite	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
ity of Ro	anoke			-								_					
Gus	s Nicks Blvd	0.70	From: 16000	F	97%	0%	1%	ange Ave 1%	1%	0%	С	0.086	F	0.656	18000	F	2009
3050) Gus	TYIONO BIVO	0.70	To-	Ė	01 /0	070		Roanoke	170	070		0.000	•	0.000	10000	•	2000
			From:	Ī				Ave; US 4	60			Ì					
3053) Bur	well St	0.35	5700	F	97%	0%	1%	1%	1%	0%	F	0.091	F	0.625	6200	F	2009
			To:					berty Rd									
<u> </u>	ant . Dal	0.74	From:	<u> </u>	000/	00/		urrell St	00/	00/			_	0.507	5000	_	2000
3053) Libe	erty Rd	0.74	4600	F 	98%	0%	1%	0%	0%	0%	С	0.1	F	0.587	5000	F	2009
		0.40	From:	<u> </u>	000/	00/		iamson Rd	00/	00/				0.540			0000
3053) Libe	erty Rd	0.40	4900 To:	F	98%	0%	1%	0% ntation Rd	0%	0%	F	0.092	F	0.513	5400	F	2009
			From:	l								<u> </u>					
3055) King	n St	1.46	11000	F	98%	0%	1%	Nicks Blvd 0%	0%	0%	F	0.091	F	0.501	12000	F	2009
3055) King	y St	1.40	To:		90 /6	0 /6		O /o Orange Av		0 /6		0.091	-	0.501	12000		2008
			From:	! 				8 Salem Tp									
057) We	stside Blvd	0.65	4400	F	99%	0%	1%	0%	0%	0%	F	0.092	F	0.618	4200	F	2009
,037)	0.0.00 2.10	0.00	To		0070	0,0				0,0	•		•	0.0.0	00	•	
We	stside Blvd	0.54	6500 From:	F	99%	0%	1%	Melrose A	0%	0%	С	0.085	F	0.586	6200	F	2009
3057 We	Sisiac Diva	0.54	To:	<u> </u>	3370	070		Hershberger		070		0.003	•	0.500	0200	ı	2000
			From:	I				eters Creek									
128	-8008 Salem Trnpk		6800	G			SK 1171	cters creek	X IXU			NA			6800	G	2009
	,		To				3	36th St									
			From:				Ce	entre Ave									
17th	n St		210	F								NA			200	F	2009
			To:				Lo	udon Ave									
			From:				Edg	gerton Ave									
18th	n St		150	F								NA			140	F	2009
			To:				Riv	erdale Rd									
			From:				Ora	ange Ave									
19th	n St		2000	F								0.086	F	0.619	1900	F	2009
			To:				Har	nover Ave									
			From:				Ва	aker Ave									
25th	n St		1300	F								0.103	F	0.677	1200	F	2009
			10:					entre Ave									
70.	0.		From:	ᄂ			D	ale Ave					_	0.070	500	_	0000
7th	Sī		550 To:	F			G.					0.113	F	0.672	520	F	2009
								wart Ave									
۸۷۵	nham Ave		From: 5900	F			Whi	ite Oak Rd				0.092	F	0.579	5600	F	2009
Ave	illialli Ave		J900 To:				Clyd	desdale St				0.092	-	0.579	3000		2008
			From:	<u>. </u>				indsor Rd									
Barr	nhill Ln		120	F			VV I	ilusor Ku				0.13	F	0.519	120	F	2009
Dan			To:	<u> </u>			Gr	andin Rd				Ti Ti	·	0.010	120	•	2000
			From:				(Clyde St									
Dur	nkirk Ave		1500	F				ijae st				0.127	F	0.844	1400	F	2009
			To:				(Cline St									
			From:	<u> </u>			C	Cove Rd				1					
Fair	hope Rd		1300	F								0.101	F	0.514	1400	F	2009
	To		_		App	oleton Ave	_	_									
			From:				Men	norial Ave									
Fau	Fauquier St		2600	F								0.089	F	0.543	2400	F	2009
1 auqui c i 3t		To:				Den	niston Ave										
			From:				Ol	live Ave									
Fore	est Park Blvd		1800	F				live Ave				0.098	F	0.609	1700	F	2009

					City of Roanoke							
Route	Length AADT	QA	4Tire	Bus	Truck2Axle 3+Axle 1Trail 2Tra	\cap	K Factor	QK	Dir Factor	AAWDT	QW	Yea
of Roanoke	From				Collingwood St		Ī					
Fugate Rd	1200	F			comigwood or		0.101	F	0.72	1100	F	2009
	To				Luray St							
	From				Kenwood Blvd							
Greenbrier Ave	170	<u>_F</u> _					0.133	F	0.65	160	F	200
	10				19th St		_					
Hazelridge Rd	From 410	F			Hershberger Rd		0.133	F	0.685	390	F	200
riazeinage iva	To	•			Vincient Ave		0.133	'	0.005	390	'	200
	From				Dogwood Ln S		Ì					
Heritage Rd	240	F					NA			230	F	200
	To				Dogwood La N							
	From				Hershberger Rd							
Hildebrand Rd	2000	F					0.089	F	0.624	1900	F	200
	То				Whitney Ave							
Hillyiou Ayro	From	<u> </u>			Troxell Rd					400	_	200
Hillview Ave	190 _{To}	F			Ventnor Rd		NA			180	F	200
	From			Da	amp from I-581 N to Elm Ave		1					
I-581 North and South	NA			Ka	unp nom 1-361 N to Enn Ave		NA			NA		
	To			Ra	nmp from Elm Ave to I-581 N							
	From				Lansing Dr							
Langdon Rd	370	F			-		0.122	F	0.521	390	F	200
	То				Fairway Dr							
	From				Hollins Rd							
Liberty Rd	200	F					0.159	F	0.5	190	F	200
	'In				Norton Ave							
Maplelawn Ave	From	ᆫ			Oakland Ave		0.165	_	0.560	260	_	200
	240 To	F			Link St		0.165	F	0.568	260	F	200
	From				Brook Run Dr							
Meadow Run Dr	290	F			BIOOK Kuli Di		NA			310	F	200
	То				Spring Tree Dr							
	From				Northwood Dr							
Meadowbrook Rd	1200	F					0.112	F	0.597	1300	F	200
	То				Sloan Rd							
	From				King St							
Mecca St	2600	F			D 11 4		NA			2800	F	200
	From	1			Belle Ave							
Melcher St	350	F			Yellow Mt Rd		0.112	F	0.809	370	F	200
Welcher St	To				Carico Ave		0.112	'	0.009	370	'	200
	From				Vermont Ave							
Monroe St	1200	F			, chilon 11,0		NA			1300	F	200
	То				Maine Ave							
	From				Old Mountain Rd							
Monterey Rd	950	F					0.109	F	0.709	1000	F	200
	То	<u> </u>			Dead End							
	From				Morningside St			_	<u> </u>	4655	_	
Montrose Ave	1800 _{то}	F			11th Holf St		0.108	F	0.701	1900	F	200
	From	1			11th Half St							
Municipal Airport Entran	3300	F			Aviation Dr		NA			3300	F	200
waniopai Alipuit Elittati	3300 To				Airport					3300	'	200
	From				Winsloe Dr		i					
Oaklawn Ave	530	F			11111100 27		NA			560	F	200
-	То				Hazelridge Rd							

					City of Roanoke							
Route	Length AADT	QA	4Tire	Bus	Truck2Axle 3+Axle 1Trail 2	()(;	K Factor	QK	Dir Factor	AAWDT	QW	Year
v of Roanoke	From:	<u> </u>			Colonial Ava		1					
Persinger Rd	1700	F			Colonial Ave		NA			1800	F	2009
. o.ogo	To				Bluefield Blvd		Ti.			.000	•	
	From				Cove Rd		1					
Portland Ave	1000	F					NA			1100	F	2009
	To:				Oleva St							
	From:				New Spring Branch Rd							
Ray Rd	320	F					0.136	F	0.644	340	F	2009
	10:				Dead End		_					
Danfua Dhad	From:	F			Gun Club Rd					000	_	200
Renfro Blvd	220	<u> </u>			Pilot St		NA			230	F	200
	From:	l					_					
Reynolds Rd	1800				Mabry Ave		0.12	F	0.729	1900	F	200
rtoyrioldo rta	To:	<u> </u>			ECL Roanoke		٠.,٠	•	0.720	1000	•	200
	From:				Cannaday Rd							
Richard Ave	2100	F			Cumuun Itu		0.131	F	0.543	2200	F	200
	То				Mecca St							
	From				Mississippi Ave							
Ridgefield St	160	F					0.118	F	0.619	160	F	200
	To				Norton Ave							
	From:				Burks St							
Roanoke Ave	1400	F					0.109	F	0.789	1500	F	200
	To				Byrne St							
	From:				19Th St							
Salem Ave	4600	F					0.090	F	0.579	4800	F	200
	To:				20Th St							
Curathrian Ava	From:	ᄂ			Rosewood Ave					400	_	200
Sweetbrier Ave	170	F			Clifford St		NA			180	F	200
	From:	<u> </u>					-					
Valentine Ave	400	F			Deyerle Rd		0.143	F	0.541	430	F	200
v alentine Ave	To:	'			Knollwood Rd		0.143	'	0.541	430	'	200
	From:	I			Ring Rd		1					
Valley View Blvd NW	12000	G			Kilig Ku		0.091	F		12000	G	200
	To				V 11 V 12 D1 12WV		_				_	
Valley View Blvd NW	14000	G			Valley View Blvd NW		0.111	F		14000	G	200
valley view biva ivv	14000	<u> </u>						•		14000	Ü	200
Valley View Blvd NW	16000	G			Valley View Blvd NW		0.088	F		16000	G	200
valley view bivd invi	To:				I-581		0.000	-		10000	G	200
	From:	I			Eanes Rd		<u> </u>					
Ventnor Rd	780	F			Lanes Ru		0.128	F	0.591	820	F	200
	To				Hillview Ave							
	From:				Omar Ave		i					
Vinyard Ave	20	F					NA			30	F	200
	To				Atherly St							
	From:				Comer St							
Virginia Ave	210	F					NA			220	F	200
	To				Dead End							
	From				Woodbury St							
Whitney Ave	1000	F					NA			1100	F	200
	To:	<u> </u>			Hubert Rd							
	From: 160	F			Winterberry Lane		0.136		0.64	170	F	200
Willow Oak Dr								F				

Route City of Roanoke	Length	AADT	QA	4Tire	Bus	2Axle 3+		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Roanoke		From:				Edgewoo	1 St							
Windsor Ave		1300	F						0.118	F	0.565	1400	F	2009
		To				Derwen	Dr							