

2016
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
 Interstate Route Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.
-  US Route
-  Virginia State Route
-  Frontage Road (F precedes frontage route number)
-  Secondary Route

Special Routes

-  Bus - Business Route
 Bypass - Bypass Route
 Truck - Truck Route
 ALT - Alternate Route
 Wve - Wve 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 Maintenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

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City of Roanoke

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
From: ECL Salem 11 Brandon Ave	City of Roanoke	1.35	19000	G	98%	0%	1%	0%	0%	0%	F	0.099	0.617	22000	G	
To: Edgewood St; Mud Lick Rd 11 Brandon Ave	City of Roanoke	1.03	12000	G	98%	0%	1%	0%	0%	0%	F	0.089	0.564	14000	G	
From: Grandin Rd 11 Grandin Rd	City of Roanoke	0.70	7200	G	98%	0%	1%	0%	0%	0%	F	0.089	0.552	8100	G	
To: Memorial Avenue 11 Memorial Avenue	City of Roanoke	0.84	11000	A	98%	0%	1%	0%	0%	0%	C	0.114	0.614	12000	A	
From: Grandin Rd 11 Campbell Ave	City of Roanoke	0.53	4300	G	98%	0%	1%	0%	0%	0%	F	0.101	0.582	4800	G	
To: Campbell Ave 11 Campbell Ave	City of Roanoke	0.47	5200	G	98%	0%	1%	0%	0%	0%	F	0.089	0.504	5800	G	
From: 7th St 11 Campbell Ave	City of Roanoke	0.28	7400	G	98%	0%	1%	0%	0%	0%	F	0.085	0.729	8300	G	
To: 3rd St 11 Campbell Ave	City of Roanoke	0.16	7400	N	98%	0%	1%	0%	0%	0%	N	0.085	0.729	8300	N	
From: US 221 Jefferson St 11 221 116 Williamson Rd	City of Roanoke	0.15	21000	G	98%	0%	1%	0%	0%	0%	F	0.088	0.514	24000	G	
To: Williamson Rd 11 221 116 Williamson Rd	City of Roanoke	0.15	15000	G	98%	0%	1%	0%	0%	0%	F	0.092	0.709	17000	G	
From: Shenandoah Ave 11 221 116 Williamson Rd	City of Roanoke	0.50	11000	G	99%	0%	0%	0%	0%	0%	F	0.076	0.539	12000	G	
To: I-581 11 Williamson Rd	City of Roanoke	0.92	14000	G	99%	0%	0%	0%	0%	0%	F	0.074	0.501	14000	G	
From: US 460 Orange Ave 11 Williamson Rd	City of Roanoke	0.51	15000	G	99%	0%	0%	0%	0%	0%	F	0.082	0.519	15000	G	
To: Liberty Rd 11 Williamson Rd	City of Roanoke	1.27	16000	G	99%	0%	0%	0%	0%	0%	F	0.08	0.505	17000	G	
From: 10th St 11 Williamson Rd	City of Roanoke	0.11	16000	G	99%	0%	0%	0%	0%	0%	F	0.09	0.565	17000	G	
To: SR 101 Hershberger Rd 11 Williamson Rd	City of Roanoke	0.39	14000	G	99%	0%	0%	0%	0%	0%	F	0.089	0.520	15000	G	
From: SR 118 Airport Rd North 11 Ramp	City of Roanoke (Maint: 80)	0.13	4000	G								0.163		4000	G	
To: NCL Roanoke I-581 North																

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							2Axle	3+Axle	1Trail	2Trail						
ALT 11 460 Melrose Ave	From: ECL Salem City of Roanoke	0.65	16000	G	96%	1%	1%	1%	1%	0%	F	0.085	0.551	18000	G	
ALT 11 460 Melrose Ave	To: SR 117 Peters Creek Rd From: City of Roanoke	1.75	13000	G	96%	1%	1%	1%	1%	0%	F	0.089	0.511	15000	G	
ALT 11 460 116 Melrose Ave	To: 24th St From: City of Roanoke	0.41	12000	G	96%	1%	1%	1%	1%	0%	F	0.087	0.51	14000	G	
ALT 11 460 116 Orange Ave	To: Salem Turnpike From: City of Roanoke	1.00	13000	G	96%	1%	1%	1%	1%	0%	F	0.078	0.541	14000	G	
ALT 11 460 116 Orange Ave	To: 10TH ST, Gainsboro Rd From: City of Roanoke	0.90	18000	A	96%	1%	1%	1%	1%	0%	C	0.093	0.508	20000	A	
ALT 11 460 116 220 Orange Ave	To: I-581, US 220, ALT SR 220 From: City of Roanoke	0.24	35000	G	96%	1%	1%	1%	1%	0%	F	0.093	0.508	39000	G	
24 Elm Avenue	To: US 11 Williamson Rd From: City of Roanoke	0.17	13000	G	97%	1%	1%	1%	1%	0%	F	0.087	0.611	14000	G	
24 Elm Avenue	To: SR 116 Jefferson St From: City of Roanoke	0.25	25000	G	97%	1%	1%	1%	1%	0%	C	0.087	0.611	27000	G	
24 Bullitt Avenue	To: I-581 From: City of Roanoke	0.68	9800	G	98%	0%	0%	0%	1%	0%	C	0.116		11000	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			20000	G	98%	0%	1%	0%	1%	0%	C	0.087	F	0.615	22000	G
24 Jamison Ave	To: SR 24 Par, 6th St From: City of Roanoke	0.19	26000	G	98%	0%	1%	0%	1%	0%	F	0.088	0.612	28000	G	
24 Dale Ave	To: 13th St From: City of Roanoke	0.69	23000	G	98%	0%	1%	0%	1%	0%	F	0.09	0.632	25000	G	
24 Ramp	To: Dale Ave From: City of Roanoke (Maint: 80)	0.09	6700	G								0.082		6700	G	
24 Ramp	To: ECL Roanoke From: City of Roanoke (Maint: 80)	0.08	13000	G								0.080		13000	G	
24 Jamison Ave	To: SR 24 FROM RT 581 S & From: City of Roanoke (Maint: 80)	0.08	13000	G								0.080		13000	G	
24 Jamison Ave	To: US 220 FROM RT 2400- ELM STREET From: City of Roanoke (Maint: 80)	0.08	13000	G								0.080		13000	G	
24 Jamison Ave	To: SR 24 TO RT 581 N & F From: City of Roanoke (Maint: 80)	0.08	13000	G								0.080		13000	G	
24 Jamison Ave	To: I-581-N FROM RT 2400- ELM STREET From: City of Roanoke	0.68	11000	G	98%	0%	1%	0%	1%	0%	C	0.085		11000	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			20000	G	98%	0%	1%	0%	1%	0%	C	0.087	F	0.615	22000	G
SR 24 Jamison Ave; Bullitt Avenue																

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							2Axle	3+Axle	1Trail	2Trail						
101 Hershberger Rd	City of Roanoke	1.34	8900	G	99%	0%	0%	0%	0%	0%	C	0.088	0.525	9700	G	
101 Hershberger Rd	City of Roanoke	0.58	26000	G	97%	1%	1%	0%	1%	0%	F	0.085	0.510	31000	G	
101 Hershberger Rd	City of Roanoke	1.25	32000	G	97%	1%	1%	0%	1%	0%	F	0.084	0.547	37000	G	
East 101 Ramp	City of Roanoke (Maint: 80)	0.30	3500	G								0.084		3500	G	
East 101 Ramp	City of Roanoke (Maint: 80)	0.18	1200	G								0.111		1200	G	
West 101 Ramp	City of Roanoke (Maint: 80)	0.18	7100	G								0.113		7100	G	
West 101 Ramp	City of Roanoke (Maint: 80)	0.27	6300	G	98%	0%	0%	0%	1%	0%	C	0.111		6300	G	
115 Hollins Rd	City of Roanoke	1.02	7100	G	94%	1%	1%	2%	3%	0%	C	0.096	0.564	7700	G	
115 Liberty Rd	City of Roanoke	0.30	4400	G	94%	1%	1%	2%	3%	0%	F	0.115	0.513	4700	G	
115 Plantation Rd	City of Roanoke	0.88	8400	G	97%	0%	1%	1%	1%	0%	C	0.104	0.576	9200	G	
115 Plantation Rd	City of Roanoke	0.66	15000	G	96%	0%	1%	1%	1%	0%	C	0.097	0.559	16000	G	
116 Mt Pleasant Blvd	City of Roanoke	0.70	7300	G	98%	0%	1%	0%	0%	0%	F	0.11	0.763	7900	G	
116 Riverland Rd	City of Roanoke	0.62	8600	G	98%	0%	1%	0%	0%	0%	C	0.105	0.719	9300	G	
116 Riverland Rd	City of Roanoke	0.73	8000	G	98%	0%	1%	0%	0%	0%	F	0.107	0.733	8700	G	
116 Piedmont St	City of Roanoke	0.07	4700	G	98%	1%	1%	0%	0%	0%	F	0.118	0.730	5100	G	

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							2Axle	3+Axle	1Trail	2Trail						
116 Walnut Ave	From: Piedmont St	City of Roanoke	0.26	6300	G	98%	1%	1%	0%	0%	0%	C	0.104	0.695	6800	G
	To: Jefferson St															
116 Jefferson St	From: Walnut Ave	City of Roanoke	0.42	10000	G	98%	1%	1%	0%	0%	0%	F	0.09	0.599	11000	G
	To: Elm Ave															
116 221 Franklin Rd	From: US 221; IUS 221-P; I28-8015 Gap T	City of Roanoke	0.14	5600	G	98%	0%	1%	0%	0%	0%	F	0.128	0.693	6000	G
	To: US 11															
116 11 221 Williamson Rd	From: Campbell Ave	City of Roanoke	0.15	21000	G	98%	0%	1%	0%	0%	0%	F	0.088	0.514	24000	G
	To: Shenandoah Ave															
116 11 221 Williamson Rd	From: Shenandoah Ave	City of Roanoke	0.15	15000	G	98%	0%	1%	0%	0%	0%	F	0.092	0.709	17000	G
	To: I-581															
116 11 221 Williamson Rd	From: I-581	City of Roanoke	0.50	11000	G	99%	0%	0%	0%	0%	0%	F	0.076	0.539	12000	G
	To: US 11															
116 460 ALT 11 ALT 220 Orange Ave	From: US 460	City of Roanoke	0.24	35000	G	96%	1%	1%	1%	1%	0%	F	0.093	0.508	39000	G
	To: I-581, US 220, ALT SR 220															
116 460 ALT 11 Orange Ave	From: I-581, US 220, ALT SR 220	City of Roanoke	0.90	18000	A	96%	1%	1%	1%	1%	0%	C	0.093	0.508	20000	A
	To: 10th St, Gainsboro Rd															
116 460 ALT 11 Orange Ave	From: 10th St, Gainsboro Rd	City of Roanoke	1.00	13000	G	96%	1%	1%	1%	1%	0%	F	0.078	0.541	14000	G
	To: Salem Turnpike															
116 460 ALT 11 Melrose Ave	From: Salem Turnpike	City of Roanoke	0.41	12000	G	96%	1%	1%	1%	1%	0%	F	0.087	0.51	14000	G
	To: Melrose Ave															
116 Lafayette Blvd	From: Melrose Ave	City of Roanoke	0.73	7300	G	98%	1%	1%	0%	0%	0%	C	0.09	0.583	7900	G
	To: Cove Rd															
116 Cove Rd	From: Cove Rd	City of Roanoke	0.72	12000	G	98%	1%	1%	0%	0%	0%	F	0.085	0.545	13000	G
	To: SR 101 Hershberger Rd															
117 Peters Creek Rd Ext	From: SR 101 Hershberger Rd	City of Roanoke	2.34	17000	G	97%	1%	1%	0%	1%	0%	F	0.099	0.548	19000	G
	To: US 11 Brandon Ave															
117 Peters Creek Rd	From: US 11 Brandon Ave	City of Roanoke	0.46	21000	G	97%	1%	1%	0%	1%	0%	F	0.092	0.538	25000	G
	To: US 460 Melrose Ave															
117 Peters Creek Rd	From: US 460 Melrose Ave	City of Roanoke	0.87	16000	G	97%	1%	1%	0%	1%	0%	F	0.087	0.526	19000	G
	To: SR 101 Hershberger Rd															
117 Peters Creek Rd	From: SR 101 Hershberger Rd	City of Roanoke	1.37	18000	G	97%	1%	1%	0%	1%	0%	F	0.092	0.507	21000	G
	To: Cove Rd															
117 Peters Creek Rd	From: Cove Rd	City of Roanoke	0.82	20000	A	97%	1%	1%	0%	1%	0%	C	0.113	0.511	24000	A
	To: I-581															
	From: I-581															
	To: NCL Roanoke															

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							2Axle	3+Axle	1Trail	2Trail													
East 117 Ramp	From: SR 117 TO RT 581 SOUTH City of Roanoke (Maint: 80) To: I-581-S FROM RT 117 EAST-PETERS CREEK R	0.28	4000	G										0.104	4000	G							
East 117 Ramp	From: SR 117 I-581-N005B FROM & TO RT 58 City of Roanoke (Maint: 80) To: I-581-N FROM RT 117 EAST-PETERS CREEK R	0.18	2000	G										0.124	2000	G							
West 117 Ramp	From: SR 117 TO RT 581 SOUTH City of Roanoke (Maint: 80) To: I-581-S FROM RT 117 WEST-PETERS CREEK RO	0.18	4600	G										0.104	4600	G							
West 117 Ramp	From: SR 117 TO RT 581 NORTH City of Roanoke (Maint: 80) To: I-581-N FROM RT 117 WEST-PETERS CREEK R	0.31	2600	G										0.089	2600	G							
118 Airport Rd	From: US 11 Williamson Rd City of Roanoke To: Municipal Rd	0.63	6400	G	98%	1%	0%	0%	0%	0%	F	0.099	0.569	6700	G								
118 Airport Rd	From: Municipal Rd City of Roanoke To: NCL Roanoke	1.01	11000	A	98%	1%	0%	0%	0%	0%	C	0.115	0.510	11000	A								
220 Franklin Rd	From: SCL Roanoke City of Roanoke (Maint: 80) To: BUS US 220; SR 419 Electric Rd	1.64	33000	G	87%	1%	1%	1%	10%	1%	F	0.083	0.629	34000	G								
220 Roy Webber Expwy	From: Wonju St City of Roanoke (Maint: 80) To: SR 24 Elm Ave; I-581	1.66	50000	G	87%	1%	1%	1%	10%	1%	F	0.086	0.59	52000	G								
220 Roy Webber Expwy	From: SR 24 Elm Ave; I-581 City of Roanoke (Maint: 80) To: US 11 Williamson Rd	1.71	65000	G	87%	1%	1%	1%	10%	1%	F	0.088	0.556	68000	G								
220 581	From: SR 24 Elm Ave; I-581 City of Roanoke (Maint: 80) To: US 11 Williamson Rd	0.66	See I-581 for directional traffic volume estimates for this segment.				Combined Traffic Estimates for 2 Parallel Roadways on this Route: 66000				G	93%	1%	1%	1%	4%	0%	F	0.085	F	0.542	73000	G
220 581	From: US 11 Williamson Rd City of Roanoke (Maint: 80) To: US 460 Orange Ave	0.31	See I-581 for directional traffic volume estimates for this segment.				Combined Traffic Estimates for 2 Parallel Roadways on this Route: 75000				G	93%	1%	1%	1%	4%	0%	F	0.088	F	0.527	84000	G
220 581	From: US 460 Orange Ave City of Roanoke (Maint: 80) To: Valley View Blvd	1.68	See I-581 for directional traffic volume estimates for this segment.				Combined Traffic Estimates for 2 Parallel Roadways on this Route: 78000				F	93%	1%	1%	1%	4%	0%	F	0.102	A	0.633	84000	F
220 581	From: Valley View Blvd City of Roanoke (Maint: 80) To: SR 101 Hershberger Rd	1.11	See I-581 for directional traffic volume estimates for this segment.				Combined Traffic Estimates for 2 Parallel Roadways on this Route: 60000				G	93%	1%	1%	1%	4%	0%	C	0.107	B	0.51	67000	G
220 581	From: SR 101 Hershberger Rd City of Roanoke (Maint: 80) To: SR 117 Peters Creek Rd	1.75	See I-581 for directional traffic volume estimates for this segment.				Combined Traffic Estimates for 2 Parallel Roadways on this Route: 57000				A	93%	1%	1%	1%	4%	0%	F	0.105	A	0.518	62000	A

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Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
North 220 Ramp	From: US 220 TO RT 2400- ELM STREET City of Roanoke (Maint: 80) To: SR 24 TO RT 581 N & F	0.10	6400	G								0.09		6400	G	
Bus 220 Franklin Rd	From: US 220; SR 419 South of Roanoke City of Roanoke (Maint: 80) To: Penarth Road	0.27	22000	G	99%	0%	1%	0%	0%	0%	C	0.087	0.766	24000	G	
Bus 220 Franklin Rd	From: Penarth Road City of Roanoke To: 128-3 Wonju St	1.26	17000	G	99%	0%	1%	0%	0%	0%	F	0.087	0.574	18000	G	
Bus 220 Franklin Rd	From: 128-3 Wonju St City of Roanoke To: 128-8003 McClanahan St	0.38	11000	G	99%	0%	1%	0%	0%	0%	F	0.087	0.574	12000	G	
Bus 220 Franklin Rd	From: 128-8003 McClanahan St City of Roanoke To: 128-8015; I-581 Underpass	0.41	9400	G	99%	0%	1%	0%	0%	0%	F	0.093	0.540	10000	G	
ALT 220 460 11 116 Orange Ave	From: I-581, US 220, ALT SR 220 City of Roanoke To: US 11 Williamson Rd	0.24	35000	G	96%	1%	1%	1%	1%	0%	F	0.093	0.508	39000	G	
ALT 220 460 221 Orange Ave	From: US 11 Williamson Rd City of Roanoke To: SR 115 Hollins Rd	0.49	36000	G	96%	1%	1%	1%	1%	0%	F	0.075	0.520	40000	G	
ALT 220 460 221 Orange Ave	From: SR 115 Hollins Rd City of Roanoke To: 24th St	1.14	41000	G	94%	0%	1%	1%	4%	0%	F	0.077	0.558	43000	G	
ALT 220 460 221 Orange Ave	From: 24th St City of Roanoke To: 128-8055 King St	1.17	29000	G	94%	0%	1%	1%	4%	0%	F	0.083	0.516	30000	G	
ALT 220 460 221 Orange Ave	From: 128-8055 King St City of Roanoke To: Roanoke County Line	0.38	40000	G	94%	0%	1%	1%	4%	0%	F	0.079	0.514	43000	G	
221 Brambleton Ave	From: WCL Roanoke City of Roanoke To: Overland Road	1.39	13000	G	99%	0%	1%	0%	0%	0%	C	0.100	0.623	14000	G	
221 Brambleton Ave	From: Overland Road City of Roanoke To: Brandon Ave	0.52	7800	G	99%	0%	1%	0%	0%	0%	F	0.115	0.644	8500	G	
221 Main St	From: Brandon Ave City of Roanoke To: 8th St	1.19	9400	G	99%	0%	1%	0%	0%	0%	F	0.095	0.587	10000	G	
221 Elm Ave	From: 8th St City of Roanoke To: US 220 Franklin Rd	0.46	11000	G	98%	0%	1%	0%	0%	0%	C	0.092	0.665	12000	G	
221 Elm Ave	From: US 220 Franklin Rd City of Roanoke To: SR 24, SR 116	0.30	7000	G	98%	0%	1%	0%	0%	0%	F	0.082	0.542	7600	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			17000	G	99%	0%	1%	0%	0%	0%	F	0.094	F 0.622	18000	G	

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							2Axle	3+Axle	1Trail	2Trail						
221 116 Franklin Rd	From: SR 116 US 221 Bus P															
	City of Roanoke	0.14	5600	G	98%	0%	1%	0%	0%	0%	F	0.128	0.693	6000	G	
221 Williamson Rd	To: Williamson Rd															
	From: Franklin Rd															
City of Roanoke	0.14	5600	N	98%	0%	1%	0%	0%	0%	N	0.128	0.693	6000	N		
221 11 116 Williamson Rd	To: US 11 Salem Ave															
	From: Salem Ave															
City of Roanoke	0.15	21000	G	98%	0%	1%	0%	0%	0%	F	0.088	0.514	24000	G		
221 11 116 Williamson Rd	To: Shenandoah Ave															
	From: Franklin Rd															
City of Roanoke	0.15	15000	G	98%	0%	1%	0%	0%	0%	F	0.092	0.709	17000	G		
221 11 116 Williamson Rd	To: I-581															
	From: Franklin Rd															
City of Roanoke	0.50	11000	G	99%	0%	0%	0%	0%	0%	F	0.076	0.539	12000	G		
221 460 220 ALT Orange Ave	To: US 460 S															
	From: Franklin Rd															
City of Roanoke	0.49	36000	G	96%	1%	1%	1%	1%	0%	F	0.075	0.520	40000	G		
221 460 220 ALT Orange Ave	To: SR 115 Hollins Rd															
	From: Franklin Rd															
City of Roanoke	1.14	41000	G	94%	0%	1%	1%	4%	0%	F	0.077	0.558	43000	G		
221 460 220 ALT Orange Ave	To: 24th St															
	From: Franklin Rd															
City of Roanoke	1.17	29000	G	94%	0%	1%	1%	4%	0%	F	0.083	0.516	30000	G		
221 460 220 ALT Orange Ave	To: 128-8055 King St															
	From: Franklin Rd															
City of Roanoke	0.38	40000	G	94%	0%	1%	1%	4%	0%	F	0.079	0.514	43000	G		
221 Franklin Rd	To: ECL Roanoke															
	From: US 221 Elm Ave															
City of Roanoke	0.40	9800	G	99%	0%	1%	0%	0%	0%	F	0.1	0.63	11000	G		
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			17000	G	99%	0%	1%	0%	0%	F	0.094	F	0.622	18000	G	
419 Electric Rd	To: US 221, SR 116 Jefferson St															
	From: US 220; Bus US 220 Franklin Rd															
City of Roanoke (Maint: 80)	0.07	42000	G	99%	0%	0%	0%	0%	0%	F	0.086	0.538	46000	G		
460 11 ALT Melrose Ave	To: Roanoke County Line															
	From: ECL Salem															
City of Roanoke	0.65	16000	G	96%	1%	1%	1%	1%	0%	F	0.085	0.551	18000	G		
460 11 ALT Melrose Ave	To: SR 117 Peters Creek Rd															
	From: Franklin Rd															
City of Roanoke	1.75	13000	G	96%	1%	1%	1%	1%	0%	F	0.089	0.511	15000	G		
460 11 116 ALT Melrose Ave	To: 24th St															
	From: Franklin Rd															
City of Roanoke	0.41	12000	G	96%	1%	1%	1%	1%	0%	F	0.087	0.51	14000	G		
460 11 116 ALT Orange Ave	To: Salem Tpke															
	From: Franklin Rd															
City of Roanoke	1.00	13000	G	96%	1%	1%	1%	1%	0%	F	0.078	0.541	14000	G		
460 11 116 Orange Ave	To: 10th St, Gainsboro Rd															
	From: Franklin Rd															

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							2Axle	3+Axle	1Trail	2Trail							
ALT 460 11 116 Orange Ave	City of Roanoke	From: 10th St, Gainsboro Rd To: I-581, US 220, ALT SR 220	0.90	18000	A	96%	1%	1%	1%	1%	0%	C	0.093	0.508	20000	A	
ALT 460 11 116 220 Orange Ave	City of Roanoke	From: US 11 Williamson Rd To: SR 115 Hollins Rd	0.24	35000	G	96%	1%	1%	1%	1%	0%	F	0.093	0.508	39000	G	
ALT 460 221 220 Orange Ave	City of Roanoke	From: SR 115 Hollins Rd To: 24th St	0.49	36000	G	96%	1%	1%	1%	1%	0%	F	0.075	0.520	40000	G	
ALT 460 221 220 Orange Ave	City of Roanoke	From: 24th St To: 128-8055 King St	1.14	41000	G	94%	0%	1%	1%	4%	0%	F	0.077	0.558	43000	G	
ALT 460 221 220 Orange Ave	City of Roanoke	From: 128-8055 King St To: Roanoke County Line	1.17	29000	G	94%	0%	1%	1%	4%	0%	F	0.083	0.516	30000	G	
East 460 Ramp	City of Roanoke (Maint: 80)	From: US 460 TO RT 581 SOUTH To: I-581-S FROM RT 460 EAST00- ORANGE AVENU	0.38	40000	G	94%	0%	1%	1%	4%	0%	F	0.079	0.514	43000	G	
East 460 Ramp	City of Roanoke (Maint: 80)	From: US 460 TO RT 581 NORTH To: I-581-N FROM RT 460 EAST00- ORANGE AVENU	0.14	3400	G								0.105		3400	G	
East 460 Ramp	City of Roanoke (Maint: 80)	From: US 460 TO RT 581 NORTH To: I-581-N FROM RT 460 EAST00- ORANGE AVENU	0.11	3000	G								0.147		3000	G	
West 460 Ramp	City of Roanoke (Maint: 80)	From: US 460 TO RT 581 SOUTH To: I-581-S FROM RT 460 WEST00- ORANGE AVENU	0.09	8200	G								0.091		8200	G	
West 460 Ramp	City of Roanoke (Maint: 80)	From: US 460 TO RT 581 NORTH To: I-581-N FROM RT 460 WEST00- ORANGE AVENU	0.14	12000	G								0.094		12000	G	
North 581 220	City of Roanoke (Maint: 80)	From: SR 24 Elm Ave; US 220 Webber Expy To: US 11 Williamson Rd	0.66	33000	G	94%	1%	1%	1%	4%	0%	F	0.088		37000	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:				66000	G	93%	1%	1%	1%	4%	0%	F	0.085	F	0.542	73000	G
North 581 220	City of Roanoke (Maint: 80)	From: US 11 Williamson Rd To: US 460 Orange Ave	0.31	37000	G	94%	1%	1%	1%	4%	0%	F	0.086		41000	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:				75000	G	93%	1%	1%	1%	4%	0%	F	0.088	F	0.527	84000	G
North 581 220	City of Roanoke (Maint: 80)	From: US 460 Orange Ave To: Valley View Blvd	1.68	39000	F	94%	1%	1%	1%	4%	0%	F	0.108		42000	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:				78000	F	93%	1%	1%	1%	4%	0%	F	0.102	A	0.633	84000	F

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							2Axle	3+Axle	1Trail	2Trail						
North 581 220	From: Valley View Blvd															
	City of Roanoke (Maint: 80)	1.11	30000	G	94%	1%	1%	1%	4%	0%	C	0.11		33000	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			60000	G	93%	1%	1%	1%	4%	0%	C	0.107	B	0.51	67000	G
North 581 220	From: SR 101 Hershberger Rd															
	City of Roanoke (Maint: 80)	1.75	28000	A	94%	1%	1%	1%	4%	0%	F	0.109		31000	A	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			57000	A	93%	1%	1%	1%	4%	0%	F	0.105	A	0.518	62000	A
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.18	8700	G								0.086		8700	G	
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.12	3300	G								0.107		3300	G	
North 581 Ramp to Valley View Blvd	From: I-581 North															
	City of Roanoke (Maint: 80)	0.15	7700	G	99%	0%	0%	0%	0%	0%	C	0.099		8200	G	
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.26	7900	G								0.093		7900	G	
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.19	3600	G								0.093		3600	G	
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.28	4900	G								0.111		4900	G	
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.21	3900	G								0.107		3900	G	
South 581 220	From: SR 24 Elm Ave; US 220 Webber Expy															
	City of Roanoke (Maint: 80)	0.77	32000	G	93%	1%	1%	1%	5%	0%	F	0.093		36000	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			66000	G	93%	1%	1%	1%	4%	0%	F	0.085	F	0.542	73000	G
South 581 220	From: US 11 Williamson Rd															
	City of Roanoke (Maint: 80)	0.45	38000	G	93%	1%	1%	1%	5%	0%	F	0.092		42000	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			75000	G	93%	1%	1%	1%	4%	0%	F	0.088	F	0.527	84000	G
South 581 220	From: US 460 Orange Ave															
	City of Roanoke (Maint: 80)	1.41	39000	F	93%	1%	1%	1%	5%	0%	F	0.101		42000	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			78000	F	93%	1%	1%	1%	4%	0%	F	0.102	A	0.633	84000	F

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Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
South 581 220	From: Valley View Blvd															
	City of Roanoke (Maint: 80)	1.49	30000	G	93%	1%	1%	1%	5%	0%	C	0.108		34000	G	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		60000	G	93%	1%	1%	1%	4%	0%	C	0.107	B	0.51	67000	G
South 581 220	From: SR 101 Hershberger Rd															
	City of Roanoke (Maint: 80)	1.33	28000	A	93%	1%	1%	1%	5%	0%	F	0.110		31000	A	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		57000	A	93%	1%	1%	1%	4%	0%	F	0.105	A	0.518	62000	A
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.09	11000	G								0.084		11000	G	
	To: SR 24 Elm Avenue															
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.08	6100	G								0.141		6100	G	
	To: I-581 South Exit 2A Ramp Split															
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.13	7000	G								0.083		7000	G	
	To: US 460 E, Orange Ave															
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.13	2600	G								0.089		2600	G	
	To: US 460 W, Orange Ave															
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.20	5800	G	98%	0%	0%	0%	1%	0%	C	0.093		5800	G	
	To: SR 101 E, Hershberger Rd															
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.27	2200	G								0.375		2200	G	
	To: SR 101 W, Hershberger Rd															
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.19	2600	G								0.133		2600	G	
	To: SR 117 E, Peters Creek Rd															
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.19	2000	G								0.145		2000	G	
	To: SR 117 W, Peters Creek Rd															

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
(F74) Frontage Rd	0.42	890	R								NA			NA		10/29/2015
(F897) Frontage Rd	0.39	1900	R								NA			NA		11/19/2015
(1) 2nd St SW	0.23	6500	G	97%	0%	2%	0%	0%	0%	F	0.116		0.502	7100	G	2016
(1) 2nd St SW; Gainsboro Rd NW	0.25	9800	G	97%	0%	2%	0%	0%	0%	C	0.116		0.656	11000	G	2016
(2) Belle Ave NE	0.84	1800	G	99%	0%	0%	0%	0%	0%	C	0.123		0.594	2000	G	2016
(3) Wonju St	0.18	14000	G	99%	0%	0%	0%	0%	0%	C	0.098		0.617	15000	G	2016
(3) Wonju St	0.12	17000	G	99%	0%	0%	0%	0%	0%	F	0.082		0.635	19000	G	2016
(4) Kimball Ave NE	0.75	8000	G	99%	0%	0%	0%	0%	0%	F	0.096		0.784	8700	G	2016
(5) Plantation Rd NE	0.33	6800	G	99%	0%	0%	0%	0%	0%	F	0.088		0.649	7400	G	2016
(5) Plantation Rd NE	0.82	5900	G	99%	0%	0%	0%	0%	0%	F	0.088		0.573	6400	G	2016
(6) Wells Ave NW	0.03	160	G								0.179		0.6	160	G	2016
(6) Wells Ave	0.19	5800	G	95%	1%	2%	1%	1%	0%	F	0.112		0.642	6300	G	2016
(6) Wells Ave NE	0.19	7200	G	95%	1%	2%	1%	1%	0%	C	0.112		0.642	7700	G	2016
(7) Wise Ave SE	0.89	6600	G	99%	0%	0%	0%	0%	0%	F	0.121		0.788	7100	G	2016
(8) 9th St SE	0.21	5200	G	99%	0%	0%	0%	0%	0%	F	0.092		0.612	5600	G	2016
(8) 9th St SE	0.93	8400	G	99%	0%	0%	0%	0%	0%	F	0.088		0.550	9100	G	2016
(8) 9th St SE	0.06	8400	N	99%	0%	0%	0%	0%	0%	N	0.088		0.550	9100	N	2016
(8) 9th St SE	0.18	5300	G	99%	0%	0%	0%	0%	0%	F	0.088		0.550	5800	G	2016
(9) Campbell Ave SE	0.59	10000	G	98%	0%	1%	0%	0%	0%	C	0.093		0.737	11000	G	2016
(10) Norfolk Ave SE	0.30	8600	G	98%	0%	1%	0%	0%	0%	C	0.106		0.719	9300	G	2016
(11) Belleview Ave SE	0.61	4600	G	98%	0%	1%	0%	0%	0%	C	0.094		0.738	5000	G	2016

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Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year	
						2Axle	3+Axle	1Trail	2Trail								
City of Roanoke																	
(13) Norfolk Ave SE	0.14	430	G	98%	1%	1%	0%	0%	0%	C	0.209			470	G	2016	
						From: Market St Along Not Inventoried Extension											
						To: 128-9 Campbell Ave SE											
(14) Williamson Rd SE	0.56	8400	G	98%	0%	1%	0%	0%	0%	C	0.092		0.637	9200	G	2016	
						From: S Jefferson St											
						To: SR 24 Elm Avenue											
(14) Williamson Rd SE	0.22	10000	G	98%	0%	1%	0%	0%	0%	F	0.102		0.579	11000	G	2016	
						From: SR 24 Elm Avenue SE											
						To: US 221 Franklin Rd SE											
(15) 1st St SW	0.04	1200	G	98%	0%	1%	1%	0%	0%	F	0.09		0.65	1300	G	2016	
						From: US 11 Campbell Ave SW											
						To: 128-17 Salem Ave SW: Gap											
(15) 1st St NW	0.09	980	G	98%	0%	1%	1%	0%	0%	C	0.123		0.985	1100	G	2016	
						From: Centre Ave NW: Gap											
						To: 128-6 Wells Ave NW											
(16) S Jefferson St	0.18	6400	G	96%	1%	3%	0%	0%	0%	C	0.097		0.764	6800	G	2016	
						From: US 221, SR 116 Franklin Rd											
						To: US 11 Campbell Ave											
(16) S Jefferson St	0.05	3400	G	96%	1%	3%	0%	0%	0%	F	0.093			3700	G	2016	
						From: 128-17 Salem Ave											
						To: 13th St SW											
(17) Salem Ave SW	0.34	4700	G	98%	0%	1%	0%	0%	0%	F	0.085		0.562	5300	G	2016	
						From: 9th St SW											
(17) Salem Ave SW	0.40	3100	G	98%	0%	1%	0%	0%	0%	F	0.095		0.569	3500	G	2016	
						From: 5th St SW											
(17) Salem Ave SW	0.30	5700	G	98%	0%	1%	0%	0%	0%	F	0.103		0.558	6400	G	2016	
						From: Combined Traffic: 13000											
						To: 2nd St SW											
(17) Salem Ave SW	0.22	5100	G	98%	0%	1%	0%	0%	0%	F	0.092		0.569	5700	G	2016	
						From: S Jefferson St											
(17) Salem Ave SW	0.15	5400	G	98%	0%	1%	0%	0%	0%	F	0.088		0.586	6100	G	2016	
						From: US 11, US 221, Bus 220 Williamson Rd SE											
						To: Campbell Ave SW											
(18) 13th St SW	0.25	2600	G	98%	0%	1%	0%	0%	0%	F	0.104		0.548	2900	G	2016	
						From: Salem Ave SW											
						To: I-581, US 220											
(19) Valley View Blvd NW	1.39	23000	G	99%	0%	0%	0%	0%	0%	C	0.089		0.539	25000	G	2016	
						From: Hershberger Rd NW											
						To: I-581 S, US 220 S											
(19) Ramp From Valley View Blvd to I-581	0.05	4400	G								0.096			4400	G	2016	
						From: Ramp from I-581, US 220 N at Exit 4											
						To: 128-23 Aviation Dr											
(20) Municipal Rd	0.28	5400	G	99%	1%	0%	0%	0%	0%	C	0.099		0.51	5900	G	2016	
						From: SR 118 Airport Rd											
						To: 128-23 Aviation Dr											
(21) Towne Square Blvd NW	0.53	8300	G	99%	0%	1%	0%	0%	0%	C	0.101		0.505	9000	G	2016	
						From: SR 118 Airport Rd											
						To: SR 101 Hershburger Rd NW											
(22) Rutgers St NW	0.31	8700	G	99%	0%	1%	0%	0%	0%	C	0.099		0.579	9400	G	2016	
						From: 128-21 Towne Square Blvd NW											
						To: Hershberger Rd NW											
(23) Aviation Dr NW	0.77	6600	G	96%	1%	0%	0%	2%	0%	C	0.087		0.522	7200	G	2016	
						From: 128-20 Airport Entrance Rd											
						To: WCL Roanoke											
(8001) Colonial Ave	1.16	8700	G	99%	0%	0%	0%	0%	0%	F	0.105		0.530	9500	G	2016	
						From: Persinger Rd											

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
(8001) Colonial Ave	0.81	18000	G	99%	0%	0%	0%	0%	0%	F	0.098		0.547	19000	G	2016
(8003) Yellow Mountain Rd	2.59	2400	G	99%	0%	0%	0%	0%	0%	C	0.113		0.733	2700	G	2016
(8003) McClanahan St	0.48	8400	G	98%	1%	1%	0%	0%	0%	C	0.095		0.515	9200	G	2016
(8005) Bandy Rd	0.37	1500	G	98%	0%	1%	0%	0%	0%	F	0.114		0.703	1600	G	2016
(8008) Salem Tpke	1.35	6600	G	98%	1%	1%	0%	0%	0%	F	0.099		0.578	7200	G	2016
(8008) Salem Tpke	1.20	6500	G	97%	0%	1%	1%	1%	0%	C	0.095		0.549	7100	G	2016
(8009) Garden City Blvd	0.42	4800	G	98%	0%	1%	1%	0%	0%	F	0.106		0.639	5100	G	2016
(8009) Garden City Blvd	1.36	5200	G	98%	0%	1%	1%	0%	0%	C	0.094		0.578	5700	G	2016
(8010) Shenandoah Ave	2.13	12000	G	96%	1%	1%	1%	1%	0%	C	0.092		0.534	13000	G	2016
(8010) Shenandoah Ave	0.77	9900	G	96%	1%	1%	1%	1%	0%	F	0.092		0.568	11000	G	2016
(8010) Shenandoah Ave	0.86	9800	G	96%	1%	1%	1%	1%	0%	C	0.093		0.581	11000	G	2016
(8010) Shenandoah Ave	0.66	5100	G	96%	1%	1%	1%	1%	0%	F	0.097		0.678	5500	G	2016
(8011) Ogden Rd	0.55	8100	G	99%	0%	1%	0%	0%	0%	C	0.094		0.543	8800	G	2016
(8013) Grandin Rd	1.11	7200	G	99%	0%	0%	0%	0%	0%	C	0.101		0.518	7800	G	2016
(8014) Grandin Rd	0.55	5600	G	99%	0%	1%	0%	0%	0%	F	0.102		0.517	6100	G	2016
(8014) Grandin Rd	1.14	2400	G	99%	0%	0%	0%	0%	0%	C	0.1		0.559	2600	G	2016
(8015) Franklin Rd	0.60	12000	G	98%	0%	1%	1%	0%	0%	C	0.09		0.627	13000	G	2016
(8015) Tazewell Ave	0.54	5800	G	98%	0%	1%	0%	0%	0%	C	0.118		0.779	6300	G	2016
(8015) Tazewell Ave	0.34	4700	G	98%	0%	1%	0%	0%	0%	F	0.141		0.900	5200	G	2016
(8018) Green Ridge Rd	1.23	5800	G	99%	0%	1%	0%	0%	0%	F	0.109		0.504	6300	G	2016
(8018) Cove Rd	1.49	7500	G	99%	0%	1%	0%	0%	0%	C	0.088		0.506	8100	G	2016

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
8020	Mud Lick Rd	1.43	3000	G	99%	0%	1%	0%	0%	F	0.142		0.696	3200	G	2016
8020	Edgewood Ave	0.76	6000	G	99%	0%	1%	0%	0%	C	0.111		0.52	6600	G	2016
8020	Memorial Ave	0.71	5100	G	99%	0%	1%	0%	0%	F	0.111		0.522	5500	G	2016
8022	Hershberger Rd	0.60	9900	G	98%	0%	1%	0%	0%	C	0.09		0.636	11000	G	2016
8023	Bennington St SE	0.37	NA								NA			NA		
8023	Bennington St	0.54	11000	G	98%	0%	1%	0%	1%	F	0.093		0.573	12000	G	2016
8023	13th St	0.78	13000	G	98%	0%	1%	0%	1%	C	0.093		0.569	14000	G	2016
8023	13th St	0.41	5700	G	98%	0%	1%	0%	1%	F	0.089		0.610	6200	G	2016
8023	14th St	0.07	1900	G	98%	0%	1%	0%	1%	F	0.093		0.569	2000	G	2016
8023	Norfolk Ave	0.05	7300	G	98%	0%	1%	0%	1%	F	0.093		0.514	7900	G	2016
8023	Hollins Rd	0.39	8400	G	98%	0%	1%	0%	1%	F	0.086		0.516	9200	G	2016
8023	Old Mountain Rd	1.75	6500	G	98%	0%	1%	0%	1%	F	0.101		0.638	7000	G	2016
8024	Mountain View Terrace	0.44	1700	G	98%	0%	1%	0%	0%	F	0.1		0.585	1900	G	2016
8024	Mountain View Terrace	0.05	1700	N	98%	0%	1%	0%	0%	N	0.1		0.585	1900	N	2016
8024	Chesterfield St	0.22	990	G	98%	0%	1%	0%	0%	F	0.107		0.612	1100	G	2016
8025	Jefferson St	0.43	6500	G	98%	0%	1%	0%	0%	F	0.090		0.541	7100	G	2016
8025	Jefferson St	0.40	14000	G	98%	0%	1%	0%	0%	C	0.086		0.544	15000	G	2016
8027	23rd St	0.27	7300	G	98%	0%	1%	0%	0%	F	0.09		0.572	8000	G	2016
8028	Patterson Ave	1.04	5400	G	95%	1%	2%	1%	2%	C	0.087		0.56	5900	G	2016
8028	Patterson Ave	0.53	3300	G	95%	1%	2%	1%	2%	F	0.096		0.639	3600	G	2016
8029	Brandon Ave	0.82	15000	G	99%	0%	1%	0%	0%	F	0.085		0.508	17000	G	2016

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
8029 Brandon Ave	0.92	22000	From Main St													
			G	99%	0%	1%	0%	0%	0%	C	0.090		0.538	24000	G	2016
8030 Loudon St	1.23	1600	To Franklin Rd													
			G	95%	1%	3%	1%	0%	0%	C	0.098		0.546	1800	G	2016
8030 Loudon St	0.43	890	From 24th St													
			G	95%	1%	3%	1%	0%	0%	F	0.097		0.560	960	G	2016
8031 Maple Ave	0.36	340	To 10th St													
			G	95%	1%	2%	1%	2%	0%	F	0.137		0.69	370	G	2016
8032 Overland Rd	0.32	9300	From Dead End													
			G	99%	0%	0%	0%	0%	0%	F	0.102		0.534	10000	G	2016
8035 5th St	0.37	5000	To SR 116 Jefferson St													
			G	99%	0%	0%	0%	0%	0%	C	0.098		0.623	5500	G	2016
8035 5th St	0.78	3000	From Brambleton Ave													
			G	99%	0%	0%	0%	0%	0%	F	0.089		0.563	3300	G	2016
8036 Broadway Ave	0.47	8300	To Colonial Ave													
			G	99%	0%	1%	0%	0%	0%	C	0.090		0.636	9000	G	2016
8038 Fleming Ave	0.87	1300	From Elm Ave													
			G	99%	0%	1%	0%	0%	0%	F	0.091		0.709	1400	G	2016
8039 Bridge St	0.45	3500	To Salem Ave													
			G	99%	0%	1%	0%	0%	0%	F	0.087		0.524	3800	G	2016
8040 Reserve Ave	0.37	7000	From Mountain View Terrace													
			G	97%	1%	1%	1%	1%	0%	F	0.102		0.609	7600	G	2016
8041 10th St	0.07	6000	To Patterson Ave													
			G	97%	1%	1%	1%	1%	0%	F	0.087		0.6	6500	G	2016
8041 10th St	0.12	6000	From Franklin Rd													
			G	97%	1%	1%	1%	1%	0%	F	0.081		0.524	6500	G	2016
8041 10th St	0.75	8100	To Jefferson St													
			G	97%	1%	1%	1%	1%	0%	F	0.082		0.536	8800	G	2016
8041 10th St	0.84	9500	From US 11 Campbell Ave													
			G	97%	1%	1%	1%	1%	0%	F	0.095		0.526	10000	G	2016
8041 10th St	0.56	8100	To 128-8028 Patterson Ave													
			G	97%	1%	1%	1%	1%	0%	F	0.094		0.504	8800	G	2016
8042 Rutrough Rd	0.57	1400	From 128-17 Salem Ave SW													
			G	97%	1%	1%	1%	1%	0%	F	0.100		0.639	1500	G	2016
8045 Boulevard St	0.16	7900	To US 460 Orange Ave													
			G	97%	1%	1%	1%	1%	0%	F	0.088		0.524	8600	G	2016
8045 Boulevard St	0.25	9700	From I-581 Overpass													
			G	97%	1%	1%	1%	1%	0%	F	0.087		0.509	11000	G	2016
8045 24th St	0.41	10000	To Williamson Rd													
			G	97%	1%	1%	1%	1%	0%	F	0.088		0.522	11000	G	2016
8048 Riverdale Rd	0.78	1500	From SR 116 Mt Pleasant Blvd													
			G	97%	1%	1%	1%	1%	0%	F	0.087		0.603	1600	G	2016
To ECL Roanoke																

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
8050 Gus Nicks Blvd	0.70	16000	G	97%	1%	From: Orange Ave				C	0.086		0.661	18000	G	2016
						To: SCL Roanoke										
8053 Burwell St	0.35	5900	G	97%	1%	From: Orange Ave; US 460				F	0.096		0.613	6400	G	2016
						To: Liberty Rd										
8053 Liberty Rd	0.74	4900	G	98%	1%	From: Burrell St				C	0.103		0.594	5400	G	2016
						To: Williamson Rd										
8053 Liberty Rd	0.40	4900	G	98%	1%	From: Williamson Rd				F	0.101		0.602	5300	G	2016
						To: Plantation Rd										
8055 King St	1.46	11000	G	98%	1%	From: Gus Nicks Blvd				F	0.098		0.556	12000	G	2016
						To: US 460 Orange Ave										
8057 Westside Blvd	0.65	2800	G	99%	0%	From: 128-8008 Salem Tpke				F	0.096		0.514	3000	G	2016
						To: US 460 Melrose Ave										
8057 Westside Blvd	0.54	5100	G	99%	0%	From: US 460 Melrose Ave				C	0.095		0.566	5500	G	2016
						To: SR 101 Hershberger Rd										
128-8008 Salem Trnprk		6800	G			From: SR 117 Peters Creek Rd					0.085		0.553	6800	G	2016
						To: 36th St										
13th Street		7600	G	97%	0%	From: Dale Ave				C	0.103		0.716	7600	G	2016
						To: Stewart Ave										
17th St		170	G			From: Centre Ave					0.147		0.561	190	G	2016
						To: Loudon Ave										
18th St		100	G			From: Edgerton Ave					0.126		0.571	110	G	2016
						To: Riverdale Rd										
19th St		1600	G			From: Orange Ave					0.079		0.551	1700	G	2016
						To: Hanover Ave										
25th St		810	G			From: Baker Ave					0.106		0.576	880	G	2016
						To: Centre Ave										
7th St		430	G			From: Dale Ave					0.115		0.627	470	G	2016
						To: Stewart Ave										
Avenham Ave		4800	G			From: White Oak Rd					0.081		0.569	5100	G	2016
						To: Clydesdale St										
Barnhill Ln		130	G			From: Windsor Rd					0.124		0.595	140	G	2016
						To: Grandin Rd										
Dunkirk Ave		1100	G			From: Clyde St					0.130		0.871	1200	G	2016
						To: Cline St										
Fairhope Rd		1200	G			From: Cove Rd					0.098		0.572	1300	G	2016
						To: Appleton Ave										
Fauquier St		2200	G			From: Memorial Ave					0.086		0.554	2400	G	2016
						To: Denniston Ave										

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
Forest Park Blvd		1300	G			From Olive Ave				0.1			0.578	1400	G	2016
						To Alder St										
Fugate Rd		920	G			From Collingwood St				0.111			0.502	990	G	2016
						To Luray St										
Greenbrier Ave		130	G			From Kenwood Blvd				0.161			0.52	150	G	2016
						To 19th St										
Hazelridge Rd		280	G			From Hershberger Rd				0.095			0.65	300	G	2016
						To Vincient Ave										
Heritage Rd		150	G			From Dogwood Ln S				0.126			0.525	170	G	2016
						To Dogwood La N										
Hildebrand Rd		1500	G			From Hershberger Rd				0.092			0.518	1600	G	2016
						To Whitney Ave										
Hillview Ave		90	G			From Troxell Rd				0.193			0.548	100	G	2016
						To Ventnor Rd										
I-581 North and South		NA				From Ramp from I-581 N to Elm Ave				NA				NA		
						To Ramp from Elm Ave to I-581 N										
Langdon Rd		200	G			From Lansing Dr				0.122			0.558	220	G	2016
						To Fairway Dr										
Liberty Rd		250	G			From Hollins Rd				0.164			0.774	270	G	2016
						To Norton Ave										
Maplelawn Ave		300	G			From Oakland Ave				0.226			0.784	320	G	2016
						To Link St										
Meadow Run Dr		140	G			From Brook Run Dr				0.134			0.524	160	G	2016
						To Spring Tree Dr										
Meadowbrook Rd		620	G			From Northwood Dr				0.112			0.597	660	G	2016
						To Sloan Rd										
Mecca St		1200	G			From King St				0.118			0.707	1300	G	2016
						To Belle Ave										
Melcher St		170	G			From Yellow Mt Rd				0.112			0.809	190	G	2016
						To Carico Ave										
Monroe St		1200	G			From Vermont Ave				0.093			0.512	1300	G	2016
						To Maine Ave										
Monterey Rd		470	G			From Old Mountain Rd				0.109			0.709	510	G	2016
						To Dead End										
Montrose Ave		890	G			From Morningside St				0.108			0.701	960	G	2016
						To 11th Half St										
Municipal Airport Entrance		4000	G			From Aviation Dr				0.085			0.554	4000	G	2016
						To Airport										

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
Oaklawn Ave		540	G				From Winsloe Dr To Hazelridge Rd				0.1		0.571	570	G	2016
Persinger Rd		1800	G				From Colonial Ave To Bluefield Blvd				0.098		0.783	1900	G	2016
Portland Ave		1000	G				From Cove Rd To Oleva St				0.129		0.723	1100	G	2016
Ray Rd		330	G				From New Spring Branch Rd To Dead End				0.136		0.644	350	G	2016
Renfro Blvd		120	G				From Gun Club Rd To Pilot St				0.133		0.529	130	G	2016
Reynolds Rd		880	G				From Mabry Ave To ECL Roanoke				0.115		0.760	940	G	2016
Richard Ave		1000	G				From Cannaday Rd To Mecca St				0.104		0.608	1100	G	2016
Ridgefield St		170	G				From Mississippi Ave To Norton Ave				0.111		0.667	180	G	2016
Roanoke Ave		720	G				From Burks St To Byrne St				0.108		0.567	780	G	2016
Salem Ave		2300	G				From 19Th St To 20Th St				0.097		0.536	2500	G	2016
Sweetbrier Ave		80	G				From Rosewood Ave To Clifford St				0.138		0.615	90	G	2016
Valentine Ave		200	G				From Deyerle Rd To Knollwood Rd				0.143		0.541	220	G	2016
Valley View Blvd NW		12000	G				From Ring Rd To Valley View Blvd NW				0.091		0.596	12000	G	2016
Valley View Blvd NW		14000	G				From Valley View Blvd NW To Valley View Blvd NW				0.111		0.635	14000	G	2016
Valley View Blvd NW		16000	G				From Valley View Blvd NW To I-581				0.088		0.559	16000	G	2016
Ventnor Rd		390	G				From Eanes Rd To Hillview Ave				0.128		0.591	420	G	2016
Vinyard Ave		20	G				From Omar Ave To Atherly St				0.333		0.75	30	G	2016
Virginia Ave		20	G				From Comer St To Dead End				0.340		0.563	20	G	2016
Whitney Ave		1000	G				From Woodbury St To Hubert Rd				0.124		0.685	1100	G	2016

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
Willow Oak Dr		240	G			From Winterberry Lane				0.102			0.55	260	G	2016
						To Willow Oak Circle										
Windsor Ave		1400	G			From Edgewood St				0.118			0.565	1500	G	2016
						To Derwent Dr										