

2019
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

-  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.

Virginia Department of Transportation
 Traffic Engineering Division
 2019
 Annual Average Daily Traffic Volume Estimates By Section of Route
 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	20000	G	98%	1%	1%	0%	0%	0%	F	0.094	F	0.633	22000	G
To: Edgewood St; Mud Lick Rd																
From: Edgewood St; Mud Lick Rd																
11 Brandon Ave	City of Roanoke	1.03	12000	G	98%	1%	1%	0%	0%	0%	F	0.084	F	0.582	13000	G
To: Grandin Rd																
From: Grandin Rd																
11 Grandin Rd	City of Roanoke	0.70	7200	G	98%	1%	1%	0%	0%	0%	F	0.089	F	0.59	8000	G
To: Memorial Avenue																
From: Memorial Avenue																
11 Memorial Avenue	City of Roanoke	0.84	12000	A	98%	1%	1%	0%	0%	0%	C	0.111	A	0.583	13000	A
To: Campbell Ave																
From: Campbell Ave																
11 Campbell Ave	City of Roanoke	0.53	4800	G	98%	1%	1%	0%	0%	0%	F	0.102	F	0.601	5400	G
To: 13th St																
From: 13th St																
11 Campbell Ave	City of Roanoke	0.47	5400	G	98%	1%	1%	0%	0%	0%	F	0.091	F	0.522	6100	G
To: 7th St																
From: 7th St																
11 Campbell Ave	City of Roanoke	0.28	8000	G	98%	1%	1%	0%	0%	0%	F	0.085	F	0.729	8900	G
To: 3rd St																
From: 3rd St																
11 Campbell Ave	City of Roanoke	0.16	8000	N	98%	1%	1%	0%	0%	0%	N	0.085	F	0.729	8900	N
To: US 221 Jefferson St																
From: US 221 Jefferson St																
11 221 116 Williamson Rd	City of Roanoke	0.15	23000	G	98%	1%	1%	0%	0%	0%	F	0.088	F	0.514	25000	G
To: Williamson Rd																
From: Williamson Rd																
11 221 116 Williamson Rd	City of Roanoke	0.15	16000	G	98%	1%	1%	0%	0%	0%	F	0.092	F	0.709	18000	G
To: Shenandoah Ave																
From: Shenandoah Ave																
11 221 116 Williamson Rd	City of Roanoke	0.50	11000	G	99%	0%	0%	0%	0%	0%	F	0.076	F	0.539	11000	G
To: I-581																
From: I-581																
11 Williamson Rd	City of Roanoke	0.92	16000	G	99%	0%	0%	0%	0%	0%	F	0.079	F	0.523	16000	G
To: US 460 Orange Ave																
From: US 460 Orange Ave																
11 Williamson Rd	City of Roanoke	0.51	14000	G	99%	0%	0%	0%	0%	0%	F	0.082	F	0.519	15000	G
To: Liberty Rd																
From: Liberty Rd																
11 Williamson Rd	City of Roanoke	1.27	17000	G	99%	0%	0%	0%	0%	0%	F	0.085	F	0.510	18000	G
To: 10th St																
From: 10th St																
11 Williamson Rd	City of Roanoke	0.11	16000	G	99%	0%	0%	0%	0%	0%	F	0.086	F	0.542	17000	G
To: SR 101 Hershberger Rd																
From: SR 101 Hershberger Rd																
11 Williamson Rd	City of Roanoke	0.39	15000	G	99%	0%	0%	0%	0%	0%	F	0.085	F	0.525	16000	G
To: SR 118 Airport Rd																
From: SR 118 Airport Rd																
11 Williamson Rd	City of Roanoke															
To: NCL Roanoke																
From: NCL Roanoke																
North																
11 Ramp	City of Roanoke (Maint: 80)	0.13	4200	G								0.163	F		4200	G
To: I-581 North																

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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						
ALT 11 460 Melrose Ave	From: ECL Salem City of Roanoke	0.65	17000	G	96%	1%	1%	1%	1%	0%	F	0.083	F	0.514	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	F	0.502	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	0.080	F	0.548	13000	G
ALT 11 460 116 Orange Ave	To: Salem Turnpike From: City of Roanoke	1.00	15000	G	96%	1%	1%	1%	1%	0%	F	0.075	F	0.545	16000	G
ALT 11 460 116 Orange Ave	To: 10TH ST, Gainsboro Rd From: City of Roanoke	0.90	22000	A	96%	1%	1%	1%	1%	0%	C	0.091	A	0.518	24000	A
ALT 11 460 116 220 Orange Ave	To: I-581, US 220, ALT SR 220 From: City of Roanoke	0.24	38000	G	96%	1%	1%	1%	1%	0%	F	0.091	A	0.518	41000	G
	To: US 11 Williamson Rd															
24 Elm Avenue	From: SR 116 Jefferson St City of Roanoke	0.17	14000	G	97%	1%	1%	0%	1%	0%	F	0.073	F	0.562	15000	G
24 Elm Avenue	To: I-581 From: City of Roanoke	0.25	27000	G	97%	1%	1%	0%	1%	0%	C	0.112	F		29000	G
24 Bullitt Avenue	To: SR 24 Par, 6th St From: City of Roanoke	0.68	12000	G	98%	1%	1%	0%	1%	0%	C	0.112	F		12000	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		24000	G	98%	1%	1%	0%	1%	0%	C	0.087	F	0.615	26000	G
	To: SR 24 P, 13th St From: City of Roanoke	0.19	27000	G	98%	0%	1%	0%	1%	0%	F	0.088	F	0.628	29000	G
24 Jamison Ave	To: Dale Ave From: Jamison Ave City of Roanoke	0.69	24000	G	98%	0%	1%	0%	1%	0%	F	0.088	F	0.599	26000	G
	To: ECL Roanoke															
24 Ramp	From: SR 24 FROM RT 581 S & City of Roanoke (Maint: 80)	0.09	7100	G							0.082	F		7100	G	
	To: US 220 FROM RT 2400- ELM STREET															
24 Ramp	From: SR 24 TO RT 581 N & F City of Roanoke (Maint: 80)	0.08	13000	G							0.080	F		13000	G	
	To: I-581-N FROM RT 2400- ELM STREET															
24 Jamison Ave	From: 6th St City of Roanoke	0.68	12000	G	98%	0%	1%	0%	1%	0%	C	0.097	F	0.544	13000	G
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		24000	G	98%	1%	1%	0%	1%	0%	C	0.087	F	0.615	26000	G
	To: SR 24 Jamison Ave; Bullitt Avenue															

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							2Axle	3+Axle	1Trail	2Trail						
101 Hershberger Rd	City of Roanoke	1.34	9200	G	99%	0%	0%	0%	0%	0%	C	0.088	F	0.525	9900	G
101 Hershberger Rd	City of Roanoke	0.58	25000	G	96%	1%	1%	1%	1%	0%	F	0.091	F	0.508	29000	G
101 Hershberger Rd	City of Roanoke	1.25	32000	G	96%	1%	1%	1%	1%	0%	F	0.084	F	0.547	37000	G
East 101 Ramp	City of Roanoke (Maint: 80)	0.30	3600	G								0.084	F		3600	G
East 101 Ramp	City of Roanoke (Maint: 80)	0.18	1200	G								0.111	F		1200	G
West 101 Ramp	City of Roanoke (Maint: 80)	0.18	7500	G								0.113	F		7500	G
West 101 Ramp	City of Roanoke (Maint: 80)	0.27	6600	G	98%	0%	0%	0%	1%	0%	C	0.111	F		6600	G
115 Hollins Rd	City of Roanoke	1.02	6700	G	92%	1%	2%	2%	3%	0%	C	0.093	F	0.531	7100	G
115 Liberty Rd	City of Roanoke	0.30	4300	G	92%	1%	2%	2%	3%	0%	F	0.107	F	0.581	4600	G
115 Plantation Rd	City of Roanoke	0.88	8700	G	97%	1%	1%	1%	1%	0%	C	0.09	F	0.564	9400	G
115 Plantation Rd	City of Roanoke	0.66	15000	G	97%	1%	1%	1%	1%	0%	C	0.096	F	0.528	16000	G
116 Mt Pleasant Blvd	City of Roanoke	0.70	6700	G	98%	0%	1%	0%	0%	0%	F	0.113	F	0.905	7200	G
116 Riverland Rd	City of Roanoke	0.62	9400	G	98%	0%	1%	0%	0%	0%	C	0.096	F	0.705	10000	G
116 Riverland Rd	City of Roanoke	0.73	7800	G	98%	0%	1%	0%	0%	0%	F	0.101	F	0.701	8300	G
116 Piedmont St	City of Roanoke	0.07	4300	G	98%	0%	1%	0%	0%	0%	F	0.110	F	0.699	4600	G

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							2Axle	3+Axle	1Trail	2Trail						
116 Walnut Ave	From: Piedmont St	0.26	6700	G	98%	0%	1%	0%	0%	0%	C	0.102	F	0.644	7100	G
	To: Jefferson St															
116 Jefferson St	From: Walnut Ave	0.42	10000	G	98%	0%	1%	0%	0%	0%	F	0.09	F	0.599	11000	G
	To: Elm Ave															
116 221 Franklin Rd	From: US 221; IUS 221-P; 128-8015 Gap T	0.14	4800	G	98%	0%	1%	0%	0%	0%	F	0.117	F	0.685	5100	G
	To: US 11															
116 11 221 Williamson Rd	From: Campbell Ave	0.15	23000	G	98%	1%	1%	0%	0%	0%	F	0.088	F	0.514	25000	G
	To: Shenandoah Ave															
116 11 221 Williamson Rd	From: Shenandoah Ave	0.15	16000	G	98%	1%	1%	0%	0%	0%	F	0.092	F	0.709	18000	G
	To: I-581															
116 11 221 Williamson Rd	From: I-581	0.50	11000	G	99%	0%	0%	0%	0%	0%	F	0.076	F	0.539	11000	G
	To: US 11															
116 460 11 220 Orange Ave	From: US 460	0.24	38000	G	96%	1%	1%	1%	1%	0%	F	0.091	A	0.518	41000	G
	To: I-581, US 220, ALT SR 220															
116 460 11 Orange Ave	From: I-581, US 220, ALT SR 220	0.90	22000	A	96%	1%	1%	1%	1%	0%	C	0.091	A	0.518	24000	A
	To: 10th St, Gainsboro Rd															
116 460 11 Orange Ave	From: 10th St, Gainsboro Rd	1.00	15000	G	96%	1%	1%	1%	1%	0%	F	0.075	F	0.545	16000	G
	To: Salem Turnpike															
116 460 11 Melrose Ave	From: Salem Turnpike	0.41	12000	G	96%	1%	1%	1%	1%	0%	F	0.080	F	0.548	13000	G
	To: Melrose Ave															
116 Lafayette Blvd	From: Melrose Ave	0.73	7100	G	98%	0%	1%	0%	0%	0%	C	0.084	F	0.575	7500	G
	To: Cove Rd															
116 Cove Rd	From: Cove Rd	0.72	12000	G	98%	0%	1%	0%	0%	0%	F	0.081	F	0.522	13000	G
	To: SR 101 Hershberger Rd															
117 Peters Creek Rd Ext	From: SR 101 Hershberger Rd	2.34	18000	G	96%	1%	1%	1%	1%	0%	F	0.091	F	0.539	21000	G
	To: US 11 Brandon Ave															
117 Peters Creek Rd	From: US 11 Brandon Ave	0.46	24000	G	96%	1%	1%	1%	1%	0%	F	0.090	F	0.521	28000	G
	To: US 460 Melrose Ave															
117 Peters Creek Rd	From: US 460 Melrose Ave	0.87	16000	G	96%	1%	1%	1%	1%	0%	F	0.093	F	0.541	19000	G
	To: SR 101 Hershberger Rd															
117 Peters Creek Rd	From: SR 101 Hershberger Rd	1.37	19000	G	96%	1%	1%	1%	1%	0%	F	0.097	F	0.573	23000	G
	To: Cove Rd															
117 Peters Creek Rd	From: Cove Rd	0.82	20000	A	96%	1%	1%	1%	1%	0%	C	0.113	A	0.503	23000	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	4200	G								0.104	F	4200	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	2100	G								0.124	F	2100	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	4800	G								0.104	F	4800	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	2800	G								0.089	F	2800	G	
118 Airport Rd	From: US 11 Williamson Rd City of Roanoke To: Municipal Rd	0.63	6200	G	99%	1%	0%	0%	0%	0%	F	0.103	F	6600	G	
118 Airport Rd	From: Municipal Rd City of Roanoke To: NCL Roanoke	1.01	10000	A	99%	1%	0%	0%	0%	0%	C	0.115	A	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	F	34000	G	
220 Roy Webber Expwy	From: Wonju St City of Roanoke (Maint: 80) To: SR 24 Elm Ave; I-581	1.66	52000	G	87%	1%	1%	1%	10%	1%	F	0.089	F	55000	G	
220 Roy Webber Expwy	From: SR 24 Elm Ave; I-581 City of Roanoke (Maint: 80) To: US 11 Williamson Rd	1.71	66000	G	87%	1%	1%	1%	10%	1%	F	0.09	F	70000	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:			64000	G	93%	1%	1%	1%	4%	0%	F	0.085	F	72000	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:			74000	G	93%	1%	1%	1%	4%	0%	F	0.088	F	82000	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:			77000	G	93%	1%	1%	1%	4%	0%	F	0.102	A	83000	G	
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:			61000	G	93%	1%	1%	1%	4%	0%	C	0.107	B	68000	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:			59000	A	93%	1%	1%	1%	4%	0%	F	0.105	A	65000	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	6700	G								0.09	F	6700	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	F	23000	G	
Bus 220 Franklin Rd	From: Penarth Road City of Roanoke To: 128-3 Wonju St	1.26	16000	G	99%	0%	1%	0%	0%	0%	F	0.091	F	17000	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	0.091	F	12000	G	
Bus 220 Franklin Rd	From: 128-8003 McClanahan St City of Roanoke To: 128-8015; I-581 Underpass	0.41	9700	G	99%	0%	1%	0%	0%	0%	F	0.093	F	10000	G	
ALT 220 460 ALT 11 116 Orange Ave	From: I-581, US 220, ALT SR 220 City of Roanoke To: US 11 Williamson Rd	0.24	38000	G	96%	1%	1%	1%	1%	0%	F	0.091	A	41000	G	
ALT 220 460 221 Orange Ave	From: US 11 Williamson Rd City of Roanoke To: SR 115 Hollins Rd	0.49	38000	G	96%	1%	1%	1%	1%	0%	F	0.076	F	41000	G	
ALT 220 460 221 Orange Ave	From: SR 115 Hollins Rd City of Roanoke To: 24th St	1.14	41000	G	95%	0%	1%	1%	3%	0%	F	0.075	F	43000	G	
ALT 220 460 221 Orange Ave	From: 24th St City of Roanoke To: 128-8055 King St	1.17	33000	G	95%	0%	1%	1%	3%	0%	F	0.081	F	35000	G	
ALT 220 460 221 Orange Ave	From: 128-8055 King St City of Roanoke To: Roanoke County Line	0.38	39000	G	95%	0%	1%	1%	3%	0%	F	0.082	F	41000	G	
221 Brambleton Ave	From: WCL Roanoke City of Roanoke To: Overland Road	1.39	13000	G	99%	0%	1%	0%	0%	0%	C	0.108	F	14000	G	
221 Brambleton Ave	From: Overland Road City of Roanoke To: Brandon Ave	0.52	7500	G	99%	0%	1%	0%	0%	0%	F	0.107	F	8000	G	
221 Main St	From: Brandon Ave City of Roanoke To: 8th St	1.19	9600	G	99%	0%	1%	0%	0%	0%	F	0.097	F	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	F	12000	G	
221 Elm Ave	From: US 220 Franklin Rd City of Roanoke To: SR 24, SR 116	0.30	7100	G	98%	0%	1%	0%	0%	0%	F	0.083	F	7600	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			14000	G	99%	0%	1%	0%	0%	0%	F	0.097	F	15000	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	4800	G	98%	0%	1%	0%	0%	0%	F	0.117	F	0.685	5100	G
221 Williamson Rd	To: Williamson Rd															
	From: Franklin Rd															
City of Roanoke	0.14	15000	G	98%	0%	1%	0%	0%	0%	F	0.089	F	0.553	16000	G	
221 11 116 Williamson Rd	To: US 11 Salem Ave															
	From: Salem Ave															
City of Roanoke	0.15	23000	G	98%	1%	1%	0%	0%	0%	F	0.088	F	0.514	25000	G	
221 11 116 Williamson Rd	To: Shenandoah Ave															
	From: Shenandoah Ave															
City of Roanoke	0.15	16000	G	98%	1%	1%	0%	0%	0%	F	0.092	F	0.709	18000	G	
221 11 116 Williamson Rd	To: I-581															
	From: I-581															
City of Roanoke	0.50	11000	G	99%	0%	0%	0%	0%	0%	F	0.076	F	0.539	11000	G	
221 460 220 ALT Orange Ave	To: US 460 S															
	From: US 460 S															
City of Roanoke	0.49	38000	G	96%	1%	1%	1%	1%	0%	F	0.076	F	0.516	41000	G	
221 460 220 ALT Orange Ave	To: SR 115 Hollins Rd															
	From: SR 115 Hollins Rd															
City of Roanoke	1.14	41000	G	95%	0%	1%	1%	3%	0%	F	0.075	F	0.521	43000	G	
221 460 220 ALT Orange Ave	To: 24th St															
	From: 24th St															
City of Roanoke	1.17	33000	G	95%	0%	1%	1%	3%	0%	F	0.081	F	0.516	35000	G	
221 460 220 ALT Orange Ave	To: 128-8055 King St															
	From: 128-8055 King St															
City of Roanoke	0.38	39000	G	95%	0%	1%	1%	3%	0%	F	0.082	F	0.508	41000	G	
221 Franklin Rd	To: ECL Roanoke															
	From: US 221 Elm Ave															
City of Roanoke	0.40	6800	G	99%	0%	1%	0%	0%	0%	F	0.112	F	0.659	7300	G	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			14000	G	99%	0%	1%	0%	0%	F	0.097	F	0.618	15000	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	40000	G	99%	0%	0%	0%	0%	0%	F	0.081	F	0.551	45000	G	
460 11 ALT Melrose Ave	To: Roanoke County Line															
	From: ECL Salem															
City of Roanoke	0.65	17000	G	96%	1%	1%	1%	1%	0%	F	0.083	F	0.514	18000	G	
460 11 ALT Melrose Ave	To: SR 117 Peters Creek Rd															
	From: SR 117 Peters Creek Rd															
City of Roanoke	1.75	13000	G	96%	1%	1%	1%	1%	0%	F	0.089	F	0.502	15000	G	
460 11 116 ALT Melrose Ave	To: 24th St															
	From: 24th St															
City of Roanoke	0.41	12000	G	96%	1%	1%	1%	1%	0%	F	0.080	F	0.548	13000	G	
460 11 116 ALT Orange Ave	To: Salem Tpke															
	From: Salem Tpke															
City of Roanoke	1.00	15000	G	96%	1%	1%	1%	1%	0%	F	0.075	F	0.545	16000	G	
460 11 116 Orange Ave	To: 10th St, Gainsboro Rd															
	From: 10th St, Gainsboro Rd															

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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						
From: 10th St, Gainsboro Rd																
ALT 460 11 116 Orange Ave	City of Roanoke	0.90	22000	A	96%	1%	1%	1%	1%	0%	C	0.091	A	0.518	24000	A
To: I-581, US 220, ALT SR 220																
From: I-581, US 220, ALT SR 220																
ALT 460 11 116 220 Orange Ave	City of Roanoke	0.24	38000	G	96%	1%	1%	1%	1%	0%	F	0.091	A	0.518	41000	G
To: US 11 Williamson Rd																
From: US 11 Williamson Rd																
ALT 460 221 220 Orange Ave	City of Roanoke	0.49	38000	G	96%	1%	1%	1%	1%	0%	F	0.076	F	0.516	41000	G
To: SR 115 Hollins Rd																
From: SR 115 Hollins Rd																
ALT 460 221 220 Orange Ave	City of Roanoke	1.14	41000	G	95%	0%	1%	1%	3%	0%	F	0.075	F	0.521	43000	G
To: 24th St																
From: 24th St																
ALT 460 221 220 Orange Ave	City of Roanoke	1.17	33000	G	95%	0%	1%	1%	3%	0%	F	0.081	F	0.516	35000	G
To: 128-8055 King St																
From: 128-8055 King St																
ALT 460 221 220 Orange Ave	City of Roanoke	0.38	39000	G	95%	0%	1%	1%	3%	0%	F	0.082	F	0.508	41000	G
To: ECL Roanoke																
From: ECL Roanoke																
East 460 Ramp	City of Roanoke (Maint: 80)	0.14	3500	G								0.105	F		3500	G
To: I-581-S FROM RT 460 EAST00- ORANGE AVENU																
From: I-581-S FROM RT 460 EAST00- ORANGE AVENU																
East 460 Ramp	City of Roanoke (Maint: 80)	0.11	3100	G								0.147	F		3100	G
To: I-581-N FROM RT 460 EAST00- ORANGE AVENU																
From: I-581-N FROM RT 460 EAST00- ORANGE AVENU																
West 460 Ramp	City of Roanoke (Maint: 80)	0.09	8600	G								0.091	F		8600	G
To: I-581-S FROM RT 460 WEST00- ORANGE AVENU																
From: I-581-S FROM RT 460 WEST00- ORANGE AVENU																
West 460 Ramp	City of Roanoke (Maint: 80)	0.14	13000	G								0.094	F		13000	G
To: I-581-N FROM RT 460 WEST00- ORANGE AVENU																
From: I-581-N FROM RT 460 WEST00- ORANGE AVENU																
North 581 220	City of Roanoke (Maint: 80)	0.66	32000	G	94%	1%	1%	1%	4%	0%	F	0.088	F		36000	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			64000	G	93%	1%	1%	1%	4%	0%	F	0.085	F	0.542	72000	G
To: SR 24 Elm Ave; US 220 Webber Expy																
From: SR 24 Elm Ave; US 220 Webber Expy																
North 581 220	City of Roanoke (Maint: 80)	0.31	36000	G	94%	1%	1%	1%	4%	0%	F	0.086	F		40000	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			74000	G	93%	1%	1%	1%	4%	0%	F	0.088	F	0.527	82000	G
To: US 460 Orange Ave																
From: US 460 Orange Ave																
North 581 220	City of Roanoke (Maint: 80)	1.68	38000	G	94%	1%	1%	1%	4%	0%	F	0.108	A		41000	G
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			77000	G	93%	1%	1%	1%	4%	0%	F	0.102	A	0.633	83000	G
To: Valley View Blvd																
From: Valley View Blvd																

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							2Axle	3+Axle	1Trail	2Trail						
North 581 220	From: Valley View Blvd															
	City of Roanoke (Maint: 80)	1.11	29000	G	94%	1%	1%	1%	4%	0%	C	0.11	B	32000	G	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		61000	G	93%	1%	1%	1%	4%	0%	C	0.107	B	0.51	68000	G
North 581 220	From: SR 101 Hershberger Rd															
	City of Roanoke (Maint: 80)	1.75	30000	A	94%	1%	1%	1%	4%	0%	F	0.109	A	33000	A	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		59000	A	93%	1%	1%	1%	4%	0%	F	0.105	A	0.503	65000	A
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.18	9100	G								0.086	F	9100	G	
	To: US 460 E, Orange Ave															
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.12	3400	G								0.107	F	3400	G	
	To: US 460 W, Orange Ave															
North 581 Ramp to Valley View Blvd	From: I-581 North															
	City of Roanoke (Maint: 80)	0.15	8000	G	99%	0%	0%	0%	0%	0%	C	0.099	F	8500	G	
	To: Valley View Blvd															
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.26	8200	G								0.093	F	8200	G	
	To: SR 101 E, Hershberger Rd															
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.19	3700	G								0.093	F	3700	G	
	To: SR 101 W, Hershberger Rd															
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.28	5100	G								0.111	F	5100	G	
	To: SR 117 E, Peters Creek Rd															
North 581 Ramp	From: I-581 North															
	City of Roanoke (Maint: 80)	0.21	4100	G								0.107	F	4100	G	
	To: SR 117 W, Peters Creek Rd															
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	F	36000	G	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		64000	G	93%	1%	1%	1%	4%	0%	F	0.085	F	0.542	72000	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	F	42000	G	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		74000	G	93%	1%	1%	1%	4%	0%	F	0.088	F	0.527	82000	G
South 581 220	From: US 460 Orange Ave															
	City of Roanoke (Maint: 80)	1.41	39000	G	93%	1%	1%	1%	5%	0%	F	0.101	A	41000	G	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		77000	G	93%	1%	1%	1%	4%	0%	F	0.102	A	0.633	83000	G
	To: Valley View Blvd															

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							2Axle	3+Axle	1Trail	2Trail						
South 581 220	From: Valley View Blvd															
	City of Roanoke (Maint: 80)	1.49	32000	G	93%	1%	1%	1%	5%	0%	C	0.108	B	36000	G	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		61000	G	93%	1%	1%	1%	4%	0%	C	0.107	B	0.51	68000	G
South 581 220	From: SR 101 Hershberger Rd															
	City of Roanoke (Maint: 80)	1.33	30000	A	93%	1%	1%	1%	5%	0%	F	0.11	A	32000	A	
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		59000	A	93%	1%	1%	1%	4%	0%	F	0.105	A	0.503	65000	A
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.09	12000	G								0.084	F	12000	G	
South 581 Ramp	From: SR 24 Elm Avenue															
	City of Roanoke (Maint: 80)	0.08	6400	G								0.141	F	6400	G	
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.13	7300	G								0.083	F	7300	G	
South 581 Ramp	From: US 460 E, Orange Ave															
	City of Roanoke (Maint: 80)	0.13	2700	G								0.089	F	2700	G	
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.20	6100	G	98%	0%	0%	0%	1%	0%	C	0.093	F	6100	G	
South 581 Ramp	From: SR 101 E, Hershberger Rd															
	City of Roanoke (Maint: 80)	0.27	2300	G								0.375	F	2300	G	
South 581 Ramp	From: I-581 South															
	City of Roanoke (Maint: 80)	0.19	2700	G								0.133	F	2700	G	
South 581 Ramp	From: SR 117 E, Peters Creek Rd															
	City of Roanoke (Maint: 80)	0.19	2100	G								0.145	F	2100	G	

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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	5500	G	97%	1%	2%	0%	0%	0%	F	0.12	F	0.566	5900	G	2019
(1) 2nd St SW; Gainsboro Rd NW	0.21	9300	G	97%	1%	2%	0%	0%	0%	C	0.112	F	0.609	9900	G	2019
(2) Belle Ave NE	0.84	2300	G	99%	1%	0%	0%	0%	0%	C	0.119	F	0.562	2500	G	2019
(3) Wonju St	0.18	15000	G	99%	0%	0%	0%	0%	0%	C	0.098	F	0.617	16000	G	2019
(3) Wonju St	0.12	18000	G	99%	0%	0%	0%	0%	0%	F	0.082	F	0.635	19000	G	2019
(4) Kimball Ave NE	0.75	7600	G	99%	0%	0%	0%	0%	0%	F	0.092	F	0.76	8100	G	2019
(5) Plantation Rd NE	0.33	7100	G	99%	0%	0%	0%	0%	0%	F	0.084	F	0.549	7600	G	2019
(5) Plantation Rd NE	0.82	6000	G	99%	0%	0%	0%	0%	0%	F	0.089	F	0.617	6400	G	2019
(6) Wells Ave NW	0.03	150	G								0.109	F	0.526	150	G	2019
(6) Wells Ave	0.19	5700	G	95%	1%	2%	1%	1%	0%	F	0.123	F	0.654	6100	G	2019
(6) Wells Ave NE	0.19	8400	G	95%	1%	2%	1%	1%	0%	C	0.11	F	0.637	9000	G	2019
(7) Wise Ave SE	0.89	6700	G	99%	0%	0%	0%	0%	0%	F	0.124	F	0.662	7200	G	2019
(8) 9th St SE	0.21	5700	G	99%	0%	0%	0%	0%	0%	F	0.091	F	0.659	6100	G	2019
(8) 9th St SE	0.93	8400	G	99%	0%	0%	0%	0%	0%	F	0.092	F	0.569	9000	G	2019
(8) 9th St SE	0.06	8400	N	99%	0%	0%	0%	0%	0%	N	0.092	F	0.569	9000	N	2019
(8) 9th St SE	0.18	4400	G	99%	0%	0%	0%	0%	0%	F	0.092	F	0.569	4800	G	2019
(9) Campbell Ave SE	0.59	9300	G	98%	0%	2%	0%	0%	0%	C	0.1	F	0.76	9900	G	2019
(10) Norfolk Ave SE	0.30	7900	G	98%	0%	1%	0%	0%	0%	C	0.118	F	0.769	8400	G	2019
(11) Belleview Ave SE	0.61	5200	G	98%	0%	1%	0%	0%	0%	C	0.104	F	0.742	5500	G	2019

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						2Axle	3+Axle	1Trail	2Trail								
City of Roanoke																	
(13) Norfolk Ave SE	0.14	410	G	98%	0%	1%	0%	0%	0%	C	0.203	F		440	G	2019	
						From: Market St Along Not Inventoried Extension											
						To: 128-9 Campbell Ave SE											
(14) Williamson Rd SE	0.56	8600	G	98%	0%	1%	0%	0%	0%	C	0.092	F	0.637	9400	G	2019	
						From: S Jefferson St											
						To: SR 24 Elm Avenue											
(14) Williamson Rd SE	0.22	9800	G	98%	0%	1%	0%	0%	0%	F	0.084	F	0.516	10000	G	2019	
						From: SR 24 Elm Avenue SE											
						To: US 221 Franklin Rd SE											
(15) 1st St SW	0.04	1100	G	97%	0%	1%	1%	0%	0%	F	0.09	F	0.597	1200	G	2019	
						From: US 11 Campbell Ave SW											
						To: 128-17 Salem Ave SW: Gap											
(15) 1st St NW	0.09	1100	G	97%	0%	1%	1%	0%	0%	C	0.136	F	0.947	1100	G	2019	
						From: Centre Ave NW: Gap											
						To: 128-6 Wells Ave NW											
(16) S Jefferson St	0.18	6500	G	96%	1%	3%	0%	0%	0%	C	0.097	F	0.764	7000	G	2019	
						From: US 221, SR 116 Franklin Rd											
						To: US 11 Campbell Ave											
(16) S Jefferson St	0.05	3000	G	96%	1%	3%	0%	0%	0%	F	0.082	F		3200	G	2019	
						From: 128-17 Salem Ave											
						To: 13th St SW											
(17) Salem Ave SW	0.34	4400	G	98%	1%	1%	0%	0%	0%	F	0.089	F	0.53	4900	G	2019	
						From: 9th St SW											
(17) Salem Ave SW	0.40	2700	G	98%	1%	1%	0%	0%	0%	F	0.097	F	0.612	3000	G	2019	
						From: 5th St SW											
(17) Salem Ave SW	0.30	5600	G	98%	1%	1%	0%	0%	0%	F	0.096	F	0.581	6200	G	2019	
						From: Combined Traffic: 14000											
						To: 2nd St SW											
(17) Salem Ave SW	0.22	4500	G	98%	1%	1%	0%	0%	0%	F	0.093	F	0.596	5000	G	2019	
						From: S Jefferson St											
(17) Salem Ave SW	0.15	4100	G	98%	1%	1%	0%	0%	0%	F	0.093	F	0.531	4500	G	2019	
						From: US 11, US 221, Bus 220 Williamson Rd SE											
						To: Campbell Ave SW											
(18) 13th St SW	0.25	2600	G	98%	1%	1%	0%	0%	0%	F	0.097	F	0.628	2800	G	2019	
						From: Salem Ave SW											
(19) Valley View Blvd NW	1.39	23000	G	99%	0%	1%	0%	0%	0%	C	0.083	F	0.574	24000	G	2019	
						From: I-581, US 220											
						To: Hershberger Rd NW											
(19) Ramp From Valley View Blvd to I-581	0.05	4700	G								0.096	F		4700	G	2019	
						From: I-581 S, US 220 S											
						To: Ramp from I-581, US 220 N at Exit 4											
(20) Municipal Rd	0.28	5500	G	98%	1%	1%	0%	0%	0%	C	0.097	F	0.509	5800	G	2019	
						From: 128-23 Aviation Dr											
						To: SR 118 Airport Rd											
(21) Towne Square Blvd NW	0.53	8900	G	99%	0%	1%	0%	0%	0%	C	0.085	F	0.579	9500	G	2019	
						From: 128-23 Aviation Dr											
						To: SR 118 Airport Rd											
(22) Rutgers St NW	0.31	8700	G	99%	0%	1%	0%	0%	0%	C	0.092	F	0.554	9300	G	2019	
						From: SR 101 Hershburger Rd NW											
						To: 128-21 Towne Square Blvd NW											
(23) Aviation Dr NW	0.77	6800	G	96%	1%	0%	1%	2%	0%	C	0.093	F	0.531	7300	G	2019	
						From: Hershberger Rd NW											
						To: 128-20 Airport Entrance Rd											
(8001) Colonial Ave	1.16	8900	G	99%	1%	0%	0%	0%	0%	F	0.105	F	0.530	9700	G	2019	
						From: WCL Roanoke											
						To: Persinger Rd											

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
(8001) Colonial Ave	0.81	18000	G	99%	1%	From: Persinger Road To: Brandon Ave				F	0.098	F	0.547	20000	G	2019
(8003) Yellow Mountain Rd	2.59	2500	G	99%	1%	From: SCL Roanoke; 80-668 To: Jefferson St				C	0.103	F	0.780	2700	G	2019
(8003) McClanahan St	0.48	8600	G	98%	1%	From: Jefferson St To: Bus US 220 Franklin Rd				C	0.095	F	0.515	9400	G	2019
(8005) Bandy Rd	0.37	1500	G	98%	0%	From: ECL Roanoke To: 128-8009 Garden City Blvd.				C	0.1	F	0.636	1600	G	2019
(8008) Salem Tpke	1.35	6500	G	98%	1%	From: WCL Roanoke To: 36th St				F	0.097	F	0.531	6900	G	2019
(8008) Salem Tpke	1.20	6800	G	97%	1%	From: 36th St To: 24th St				C	0.086	F	0.519	7200	G	2019
(8009) Garden City Blvd	0.42	4400	G	97%	1%	From: Yellow Mtn Rd To: Ray Rd				F	0.089	F	0.558	4700	G	2019
(8009) Garden City Blvd	1.36	5000	G	97%	1%	From: Ray Rd To: SR 116 Riverland Rd				C	0.095	F	0.588	5300	G	2019
(8010) Shenandoah Ave	2.13	13000	G	96%	1%	From: WCL Roanoke To: 24th St				C	0.094	F	0.54	14000	G	2019
(8010) Shenandoah Ave	0.77	11000	G	96%	1%	From: 24th St To: 15th St				F	0.100	F	0.562	11000	G	2019
(8010) Shenandoah Ave	0.86	9800	G	96%	1%	From: 15th St To: 5th St				C	0.1	F	0.597	10000	G	2019
(8010) Shenandoah Ave	0.66	5600	G	96%	1%	From: 5th St To: Williamson Rd				F	0.101	F	0.654	6000	G	2019
(8011) Ogden Rd	0.55	8000	G	98%	0%	From: SCL Roanoke To: WCL Roanoke				C	0.105	F	0.656	8600	G	2019
(8013) Grandin Rd	1.11	7500	G	99%	1%	From: SCL Roanoke To: US 11 Grandin Rd; Brandon Ave				C	0.093	F	0.514	8000	G	2019
(8014) Grandin Rd	0.55	5500	G	98%	0%	From: SR 419 Electric Rd To: 80-924 Wynmere Dr				F	0.103	F	0.528	5900	G	2019
(8014) Grandin Rd	1.14	2600	G	99%	1%	From: 80-924 Wynmere Dr To: Garst Mill Rd				C	0.103	F	0.53	2800	G	2019
(8015) Franklin Rd	0.60	12000	G	98%	0%	From: US 220 Roy Webber Expwy To: US 221 Elm Ave; Gap				C	0.09	F	0.627	13000	G	2019
(8015) Tazewell Ave	0.54	5100	G	98%	0%	From: US 221 Williamson Rd; Gap To: 9th St				C	0.108	F	0.744	5400	G	2019
(8015) Tazewell Ave	0.34	4000	G	98%	0%	From: 9th St To: 13th St				F	0.120	F	0.882	4300	G	2019
(8018) Green Ridge Rd	1.23	4900	G	99%	0%	From: NCL Roanoke NCL Salem To: SR 117 Peters Creek Road				F	0.121	F	0.507	5300	G	2019
(8018) Cove Rd	1.49	7600	G	99%	0%	From: SR 117 Peters Creek Road To: Hershberger Rd				C	0.093	F	0.527	8100	G	2019

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
(8020) Mud Lick Rd	1.43	2900	G	98%	0%	1%	0%	0%	0%	F	0.136	F	0.659	3100	G	2019
						From: Grandin Rd										
						To: US 11 Brandon Ave										
(8020) Edgewood Ave	0.76	6200	G	98%	0%	1%	0%	0%	0%	C	0.103	F	0.501	6600	G	2019
						From: Brandon Ave										
						To: Memorial Ave										
(8020) Memorial Ave	0.71	5300	G	98%	0%	1%	0%	0%	0%	F	0.113	F	0.533	5700	G	2019
						From: Edgewood Ave										
						To: Grandin Rd										
(8022) Hershberger Rd	0.60	9900	G	98%	0%	1%	0%	0%	0%	C	0.089	F	0.637	11000	G	2019
						From: Williamson Rd										
						To: ECL Roanoke										
(8023) Bennington St SE	0.37	9700	G	97%	0%	1%	0%	1%	0%	F	0.096	F	0.537	10000	G	2019
						From: SR 116 Riverland Rd										
						To: Riverside Terrace										
(8023) Bennington St	0.54	10000	G	97%	0%	1%	0%	1%	0%	F	0.094	F	0.541	11000	G	2019
						From: Riverside Terrace										
						To: Carlisle Ave										
(8023) 13th St	0.78	12000	G	97%	0%	1%	0%	1%	0%	C	0.092	F	0.557	13000	G	2019
						From: Carlisle Avenue										
						To: SR 24 Jamison Ave; Bullitt Avenue										
(8023) 13th St	0.41	5600	G	97%	0%	1%	0%	1%	0%	F	0.092	F	0.557	6000	G	2019
						From: SR 24 Jamison Ave; Bullitt Avenue										
						To: Wise Ave										
(8023) 14th St	0.07	1800	G	97%	0%	1%	0%	1%	0%	F	0.092	F	0.557	1900	G	2019
						From: Wise Ave										
						To: Norfolk Ave										
(8023) Norfolk Ave	0.05	6200	G	97%	0%	1%	0%	1%	0%	F	0.092	F	0.534	6600	G	2019
						From: Norfolk Ave										
						To: 14th St										
(8023) Hollins Rd	0.39	8100	G	97%	0%	1%	0%	1%	0%	F	0.089	F	0.531	8600	G	2019
						From: Hollins Rd										
						To: Norfolk Ave										
(8023) Old Mountain Rd	1.75	6400	G	97%	0%	1%	0%	1%	0%	F	0.099	F	0.677	6800	G	2019
						From: US 460, US 221, ALT SR 220 Orange Ave										
						To: SR 115 Hollins Road										
						To: NCL Roanoke; 80-605										
(8024) Mountain View Terrace	0.44	1700	G	98%	0%	1%	0%	0%	0%	F	0.095	F	0.587	1800	G	2019
						From: Memorial Ave										
						To: Bridge St										
(8024) Mountain View Terrace	0.05	1700	N	98%	0%	1%	0%	0%	0%	N	0.095	F	0.587	1800	N	2019
						From: Bridge St										
						To: Chesterfield St										
(8024) Chesterfield St	0.22	900	G	98%	0%	1%	0%	0%	0%	F	0.112	F	0.537	960	G	2019
						From: Mountain View Terrace										
						To: Memorial Ave										
(8025) Jefferson St	0.43	6700	G	98%	0%	1%	0%	0%	0%	F	0.090	F	0.541	7300	G	2019
						From: McClanahan St										
						To: Reserve Ave										
(8025) Jefferson St	0.40	14000	G	98%	0%	1%	0%	0%	0%	C	0.086	F	0.544	15000	G	2019
						From: Reserve Ave										
						To: Walnut Ave										
(8027) 23rd St	0.27	6700	G	98%	0%	1%	0%	0%	0%	F	0.083	F	0.502	7100	G	2019
						From: 128-8029 Brandon Ave										
						To: Colonial Ave										
(8028) Patterson Ave	1.04	5500	G	95%	1%	2%	1%	1%	0%	C	0.092	F	0.547	5900	G	2019
						From: Bus US 11; Salem Ave SW; 2nd St SW										
						To: 13th St										
(8028) Patterson Ave	0.53	2200	G	95%	1%	2%	1%	1%	0%	F	0.096	F	0.645	2300	G	2019
						From: 13th St										
						To: US 11 Campbell Ave										
(8029) Brandon Ave	0.82	14000	G	99%	0%	1%	0%	0%	0%	F	0.083	F	0.507	15000	G	2019
						From: Grandin Rd										
						To: US 221 Brambleton Ave										

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
8029 Brandon Ave	0.92	21000	From Main St													
			G	99%	0%	1%	0%	0%	0%	C	0.087	F	0.544	22000	G	2019
8030 Loudon St	1.23	1500	To Franklin Rd													
			G	96%	0%	3%	1%	0%	0%	C	0.088	F	0.549	1700	G	2019
8030 Loudon St	0.43	1000	From 24th St													
			G	96%	0%	3%	1%	0%	0%	F	0.093	F	0.657	1100	G	2019
8031 Maple Ave	0.36	290	To 10th St													
			G	98%	0%	1%	0%	0%	0%	C	0.115	F	0.79	310	G	2019
8032 Overland Rd	0.32	9600	From Dead End													
			G	98%	1%	1%	0%	0%	0%	F	0.102	F	0.534	10000	G	2019
8035 5th St	0.37	4300	To SR 116 Jefferson St													
			G	98%	1%	1%	0%	0%	0%	C	0.108	F	0.609	4600	G	2019
8035 5th St	0.78	3200	From Brambleton Ave													
			G	98%	1%	1%	0%	0%	0%	F	0.093	F	0.517	3400	G	2019
8036 Broadway Ave	0.47	8200	To Colonial Ave													
			G	99%	0%	1%	0%	0%	0%	C	0.093	F	0.646	8800	G	2019
8038 Fleming Ave	0.87	1400	From Elm Ave													
			G	99%	0%	1%	0%	0%	0%	C	0.099	F	0.628	1500	G	2019
8039 Bridge St	0.45	3400	To Salem Ave													
			G	99%	0%	1%	0%	0%	0%	F	0.090	F	0.588	3600	G	2019
8040 Reserve Ave	0.37	7100	From Orange Ave													
			G	96%	1%	1%	1%	1%	0%	F	0.102	F	0.609	7700	G	2019
8041 10th St	0.07	6100	To Bus US 220 Franklin Rd													
			G	96%	1%	1%	1%	1%	0%	F	0.087	F	0.6	6600	G	2019
8041 10th St	0.12	6100	From McClanahan St													
			G	96%	1%	1%	1%	1%	0%	F	0.081	F	0.524	6600	G	2019
8041 10th St	0.75	8300	To Williamson Rd													
			G	96%	1%	1%	1%	1%	0%	F	0.082	F	0.536	9000	G	2019
8041 10th St	0.84	9700	From Mountain View Terrace													
			G	96%	1%	1%	1%	1%	0%	F	0.095	F	0.526	11000	G	2019
8041 10th St	0.56	8300	To US 460 Orange Ave													
			G	96%	1%	1%	1%	1%	0%	F	0.094	F	0.504	9000	G	2019
8042 Rutrough Rd	0.57	1400	From I-581 Overpass													
			G	96%	0%	1%	2%	1%	0%	C	0.097	F	0.548	1400	G	2019
8045 Boulevard St	0.16	7700	To ECL Roanoke													
			G	96%	1%	1%	1%	1%	0%	F	0.091	F	0.529	8200	G	2019
8045 Boulevard St	0.25	9600	From Patterson Ave													
			G	96%	1%	1%	1%	1%	0%	F	0.089	F	0.506	10000	G	2019
8045 24th St	0.41	9700	To Salem Ave													
			G	96%	1%	1%	1%	1%	0%	F	0.088	F	0.513	10000	G	2019
8048 Riverdale Rd	0.78	1500	From Baker Ave													
			G	97%	0%	2%	0%	0%	0%	C	0.102	F	0.583	1500	G	2019
To Melrose Ave																
From Bennington St																
To ECL Roanoke																

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
8050 Gus Nicks Blvd	0.70	16000	G	96%	1%	From: Orange Ave				C	0.083	F	0.644	17000	G	2019
						To: SCL Roanoke										
8053 Burwell St	0.35	6000	G	96%	1%	From: Orange Ave; US 460				F	0.096	F	0.613	6600	G	2019
						To: Liberty Rd										
8053 Liberty Rd	0.74	5000	G	98%	1%	From: Burrell St				C	0.103	F	0.594	5500	G	2019
						To: Williamson Rd										
8053 Liberty Rd	0.40	4900	G	98%	1%	From: Williamson Rd				F	0.115	F	0.612	5200	G	2019
						To: Plantation Rd										
8055 King St	1.46	11000	G	98%	1%	From: Gus Nicks Blvd				F	0.094	F	0.574	12000	G	2019
						To: US 460 Orange Ave										
8057 Westside Blvd	0.65	2800	G	99%	0%	From: 128-8008 Salem Tpke				F	0.096	F	0.537	3000	G	2019
						To: US 460 Melrose Ave										
8057 Westside Blvd	0.54	4600	G	99%	0%	From: SR 101 Hershberger Rd				C	0.092	F	0.561	4900	G	2019
						To: SR 117 Peters Creek Rd										
128-8008 Salem Trnprk		6800	G								0.085	F	0.553	6800	G	2019
						To: 36th St										
13th Street		7600	G	97%	0%	From: Dale Ave				C	0.103	F	0.716	7600	G	2019
						To: Stewart Ave										
17th St		190	G								0.132	F	0.589	200	G	2019
						To: Loudon Ave										
18th St		100	G			From: Edgerton Ave					0.119	F	0.633	110	G	2019
						To: Riverdale Rd										
19th St		1500	G			From: Orange Ave					0.097	F	0.542	1600	G	2019
						To: Hanover Ave										
25th St		720	G			From: Baker Ave					0.099	F	0.650	770	G	2019
						To: Centre Ave										
7th St		490	G			From: Dale Ave					0.113	F	0.627	520	G	2019
						To: Stewart Ave										
Avenham Ave		4100	G			From: White Oak Rd					0.088	F	0.544	4400	G	2019
						To: Clydesdale St										
Barnhill Ln		120	G			From: Windsor Rd					0.174	F	0.605	120	G	2019
						To: Grandin Rd										
Dunkirk Ave		1200	G			From: Clyde St					0.143	F	0.893	1200	G	2019
						To: Cline St										
Fairhope Rd		1100	G			From: Cove Rd					0.100	F	0.510	1200	G	2019
						To: Appleton Ave										
Fauquier St		2100	G			From: Memorial Ave					0.094	F	0.502	2200	G	2019
						To: Denniston Ave										

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						2Axle	3+Axle	1Trail	2Trail							
City of Roanoke																
Forest Park Blvd		1500	G			From Olive Ave				0.096	F	0.546	1600	G	2019	
						To Alder St										
Fugate Rd		1000	G			From Collingwood St				0.095	F	0.544	1100	G	2019	
						To Luray St										
Greenbrier Ave		160	G			From Kenwood Blvd				0.133	F	0.522	170	G	2019	
						To 19th St										
Hazelridge Rd		340	G			From Hershberger Rd				0.154	F	0.64	360	G	2019	
						To Vincient Ave										
Heritage Rd		140	G			From Dogwood Ln S				0.118	F	0.526	150	G	2019	
						To Dogwood La N										
Hildebrand Rd		1500	G			From Hershberger Rd				0.103	F	0.534	1600	G	2019	
						To Whitney Ave										
Hillview Ave		90	G			From Troxell Rd				0.181	F	0.659	90	G	2019	
						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		170	G			From Lansing Dr				0.112	F	0.674	180	G	2019	
						To Fairway Dr										
Liberty Rd		250	G			From Hollins Rd				0.164	F	0.774	280	G	2019	
						To Norton Ave										
Maplelawn Ave		260	G			From Oakland Ave				0.128	F	0.667	280	G	2019	
						To Link St										
Meadow Run Dr		100	G			From Brook Run Dr				0.134	F	0.655	100	G	2019	
						To Spring Tree Dr										
Meadowbrook Rd		600	G			From Northwood Dr				0.098	F	0.587	640	G	2019	
						To Sloan Rd										
Mecca St		1100	G			From King St				0.121	F	0.655	1100	G	2019	
						To Belle Ave										
Melcher St		120	G			From Yellow Mt Rd				0.124	F	0.59	130	G	2019	
						To Carico Ave										
Monroe St		610	G			From Vermont Ave				0.093	F	0.512	650	G	2019	
						To Maine Ave										
Monterey Rd		440	G			From Old Mountain Rd				0.117	F	0.643	470	G	2019	
						To Dead End										
Montrose Ave		690	G			From Morningside St				0.096	F	0.503	730	G	2019	
						To 11th Half St										
Municipal Airport Entrance		4600	G			From Aviation Dr				0.120	F	0.666	4600	G	2019	
						To Airport										

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City of Roanoke																
Oaklawn Ave		270	G				From Winsloe Dr				0.1	F	0.571	290	G	2019
							To Hazelridge Rd									
Persinger Rd		2000	G				From Colonial Ave				0.111	F	0.851	2100	G	2019
							To Bluefield Blvd									
Portland Ave		510	G				From Cove Rd				0.129	F	0.723	550	G	2019
							To Oleva St									
Ray Rd		160	G				From New Spring Branch Rd				0.136	F	0.644	180	G	2019
							To Dead End									
Renfro Blvd		120	G				From Gun Club Rd				0.143	F	0.694	130	G	2019
							To Pilot St									
Reynolds Rd		730	G				From Mabry Ave				0.112	F	0.704	780	G	2019
							To ECL Roanoke									
Richard Ave		1000	G				From Cannaday Rd				0.102	F	0.665	1100	G	2019
							To Mecca St									
Ridgefield St		160	G				From Mississippi Ave				0.107	F	0.706	170	G	2019
							To Norton Ave									
Roanoke Ave		820	G				From Burks St				0.100	F	0.531	870	G	2019
							To Byrne St									
Salem Ave		2400	G				From 19Th St				0.097	F	0.536	2600	G	2019
							To 20Th St									
Sweetbrier Ave		70	G				From Rosewood Ave				0.163	F	0.583	70	G	2019
							To Clifford St									
Valentine Ave		160	G				From Deyerle Rd				0.124	F	0.636	170	G	2019
							To Knollwood Rd									
Valley View Blvd NW		13000	G				From Ring Rd				0.091	F	0.596	13000	G	2019
							To Valley View Blvd NW									
Valley View Blvd NW		15000	G				From Valley View Blvd NW				0.111	F	0.635	15000	G	2019
							To Valley View Blvd NW									
Valley View Blvd NW		17000	G				From Valley View Blvd NW				0.088	F	0.559	17000	G	2019
							To I-581									
Ventnor Rd		340	G				From Eanes Rd				0.111	F	0.523	360	G	2019
							To Hillview Ave									
Vinyard Ave		40	G				From Omar Ave				0.222	F	0.5	40	G	2019
							To Atherly St									
Virginia Ave		20	G				From Comer St				0.265	F	0.539	20	G	2019
							To Dead End									
Whitney Ave		640	G				From Woodbury St				0.117	F	0.648	680	G	2019
							To Hubert Rd									

Virginia Department of Transportation
 Traffic Engineering Division
 2019
 Annual Average Daily Traffic Volume Estimates By Section of Route
 City of Roanoke

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year	
						2Axle	3+Axle	1Trail	2Trail								
City of Roanoke																	
Willow Oak Dr		240	G			From Winterberry Lane				0.132	F	0.575	260	G	2019		
						To Willow Oak Circle											
Windsor Ave		620	G			From Edgewood St				0.136	F	0.671	660	G	2019		
						To Derwent Dr											