

2010
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report

102

City of Bristol

Information in this report is included in Report

95

(Washington 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

Bypas - 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
2010
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Bristol

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	Truck				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
From: State St 11 421 Euclid Ave	City of Bristol	0.75	13000	F	99%	0%	1%	0%	0%	0%	F	0.090	F	0.531	14000	F
To: Vance St 11 421 Euclid Ave	City of Bristol	0.19	14000	F	99%	0%	1%	0%	0%	0%	F	0.09	F	0.535	15000	F
To: Bob Morrison Blvd 11 421 Euclid Ave	City of Bristol	0.18	15000	F	99%	0%	1%	0%	0%	0%	F	0.093	F	0.587	16000	F
To: SR 381 Commonwealth Ave 11 19 Euclid Ave	City of Bristol	0.48	8600	F	99%	0%	1%	0%	0%	0%	F	0.091	F	0.503	9100	F
To: Piedmont Ave 11 19 Euclid Ave	City of Bristol	0.56	6300	F	99%	0%	1%	0%	0%	0%	C	0.085	F	0.55	6800	F
To: Moore St 11 19 Lee Highway	City of Bristol	0.48	13000	F	99%	0%	1%	0%	0%	0%	F	0.087	F	0.524	14000	F
To: Valley Dr 11 19 Lee Highway	City of Bristol	1.26	14000	F	99%	0%	1%	0%	0%	0%	F	0.087	F	0.509	15000	F
To: I-81 11 19 Lee Highway	City of Bristol	1.36	16000	F	98%	0%	0%	1%	1%	0%	F	0.086	F	0.508	17000	F
To: End State Maintenance 11 19 Lee Highway	City of Bristol	0.51	17000	F	98%	0%	0%	1%	1%	0%	F	0.086	F	0.54	17000	F
To: Bonham Rd 11 19 Lee Highway	City of Bristol	0.68	15000	G	98%	0%	0%	1%	1%	0%	F	0.127	N	0.6	17000	G
To: Old Airport Rd 11 19 Lee Highway	City of Bristol															
To: NCL Bristol																
From: US 11, US 19 11 Ramp to I-81 N at Exit 5	City of Bristol (Maint: 95)	0.15	NA									NA			NA	
To: I-81 N																
From: US 11, US 19 11 Ramp to I-81 S at Exit 5	City of Bristol (Maint: 95)	0.18	NA									NA			NA	
To: I-81 S																
From: SR 381 Commonwealth Ave Truck 11 421 19 Goode St	City of Bristol	0.21	1200	F	98%	0%	0%	0%	1%	0%	F	0.098	F	0.508	1200	F
To: 102-3305 Piedmont Ave Truck 11 421 19 Cumberland St	City of Bristol	0.34	3000	F	98%	0%	0%	0%	1%	0%	C	0.102	F	0.568	3200	F
To: State St Truck 11 19 Randall St	City of Bristol	0.93	6200	F	98%	0%	0%	0%	0%	0%	C	0.095	F	0.532	6600	F
To: SR 113 Moore St; Oakview Ave Truck 11 113 19 Moore St	City of Bristol	0.12	8400	F	97%	1%	1%	0%	0%	0%	F	0.090	F	0.541	9000	F
To: Euclid Ave																


















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City of Bristol

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: State St; Tennessee State Line															
19 381 421 Commonwealth Ave	City of Bristol	0.23	16000	F	93%	1%	1%	1%	4%	0%	F	0.086	F	0.551	17000	F
	To: SR 113 Cumberland Ave															
	From: SR 113 Cumberland Ave															
19 381 421 Commonwealth Ave	City of Bristol	0.16	19000	F	96%	0%	1%	0%	2%	0%	F	0.087	F	0.533	20000	F
	To: SR 133 Par Sycamore St															
	From: SR 133 Par Sycamore St															
19 381 421 Commonwealth Ave	City of Bristol	0.19	19000	F	96%	0%	1%	0%	2%	0%	F	0.087	F	0.559	20000	F
	To: US 11 Euclid Ave															
	From: SR 381 Commonwealth Ave															
19 11 Euclid Ave	City of Bristol	0.48	8600	F	99%	0%	1%	0%	0%	0%	F	0.091	F	0.503	9100	F
	To: Piedmont Ave															
	From: Piedmont Ave															
19 11 Euclid Ave	City of Bristol	0.56	6300	F	99%	0%	1%	0%	0%	0%	C	0.085	F	0.55	6800	F
	To: Moore St															
	From: Moore St															
19 11 Lee Highway	City of Bristol	0.48	13000	F	99%	0%	1%	0%	0%	0%	F	0.087	F	0.524	14000	F
	To: Valley Dr															
	From: Valley Dr															
19 11 Lee Highway	City of Bristol	1.26	14000	F	99%	0%	1%	0%	0%	0%	F	0.087	F	0.509	15000	F
	To: I-81															
	From: End State Maintenance															
19 11 Lee Highway	City of Bristol	1.36	16000	F	98%	0%	0%	1%	1%	0%	F	0.086	F	0.508	17000	F
	To: Bonham Rd															
	From: Bonham Rd															
19 11 Lee Highway	City of Bristol	0.51	17000	F	98%	0%	0%	1%	1%	0%	F	0.086	F	0.54	17000	F
	To: Old Airport Rd															
	From: Old Airport Rd															
19 11 Lee Highway	City of Bristol	0.68	15000	G	98%	0%	0%	1%	1%	0%	F	0.127	N	0.6	17000	G
	To: NCL Bristol															
	From: SR 381 Commonwealth Ave															
Truck 19 421 11 Goode St	City of Bristol	0.21	1200	F	98%	0%	0%	0%	1%	0%	F	0.098	F	0.508	1200	F
	To: 102-3305 Piedmont Ave															
	From: 102-3305 Piedmont Ave															
Truck 19 421 11 Cumberland St	City of Bristol	0.34	3000	F	98%	0%	0%	0%	1%	0%	C	0.102	F	0.568	3200	F
	To: Truck US 11 Randall St															
	From: State St															
Truck 19 11 Randall St	City of Bristol	0.93	6200	F	98%	0%	0%	0%	0%	0%	C	0.095	F	0.532	6600	F
	To: Cumberland St															
	From: Oakview Ave															
Truck 19 113 11 Moore St	City of Bristol	0.12	8400	F	97%	1%	1%	0%	0%	0%	F	0.090	F	0.541	9000	F
	To: Euclid Ave															
	From: WCL Bristol															
58 421 Gate City Hwy	City of Bristol (Maint: 95)	0.50	5000	F	98%	0%	0%	0%	1%	0%	C	0.086	F	0.575	5300	F
	To: I-81; US 421															
	From: US 58; US 421															
58 81	City of Bristol (Maint: 95)	2.44														
	See I-81 for directional traffic volume estimates for this segment.															
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		36000	F	76%	1%	1%	1%	20%	1%	F	0.079	F	0.535	37000	F
	To: I-381															

Virginia Department of Transportation
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2010
Annual Average Daily Traffic Volume Estimates By Section of Route
City of Bristol

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: I-381															
 	City of Bristol (Maint: 95)	1.39														
	See I-81 for directional traffic volume estimates for this segment.															
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 49000 F 76% 1% 1% 1% 20% 1% F 0.081 F 0.501 50000 F															
	To: US 11, US 19															
 	City of Bristol (Maint: 95)	2.13														
	See I-81 for directional traffic volume estimates for this segment.															
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 51000 A 76% 1% 1% 1% 20% 1% F 0.091 A 0.537 53000 A															
	To: Old Airport Rd															
 	City of Bristol (Maint: 95)	0.93														
	See I-81 for directional traffic volume estimates for this segment.															
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 47000 A 76% 1% 1% 1% 20% 1% F 0.092 A 0.558 49000 A															
	To: NCL Bristol															
	Ramp to I-81 S at Exit 1	City of Bristol (Maint: 95)	0.24	NA								NA		NA		
	To: I-81 S															
	Ramp to I-81 N at Exit 1	City of Bristol (Maint: 95)	0.02	2700	F							0.089	F		2700	F
	To: I-81 North															
	Ramp US 58 W US 421 E to I-81 S at Exit 1	City of Bristol (Maint: 95)	0.03	NA								NA		NA		
	To: Ramp US 58 96A															
	Ramp US 58 W US 421 E to I-81 N at Exit 1	City of Bristol (Maint: 95)	0.14	NA								NA		NA		
	To: Ramps US 58 96B; US 421 W 66B															
	Ramp US 58 W US 421 W to I-81 S at Exit 1	City of Bristol (Maint: 95)	0.02	NA								NA		NA		
	To: Ramps US 58 E 96A; US 58 96A															
	City of Bristol (Maint: 95)	0.61	18000	A	75%	1%	1%	1%	21%	1%	C	0.095	A		18000	A
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 35000 A 76% 1% 1% 1% 20% 1% C NA 36000 A															
	To: US 58, US 421 Gate City Hwy															
 	City of Bristol (Maint: 95)	2.44	18000	F	75%	1%	1%	1%	21%	1%	F	0.076	F		19000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 36000 F 76% 1% 1% 1% 20% 1% F 0.079 F 0.535 37000 F															
	To: I-381															
 	City of Bristol (Maint: 95)	1.39	25000	F	75%	1%	1%	1%	21%	1%	F	0.079	F		26000	F
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 49000 F 76% 1% 1% 1% 20% 1% F 0.081 F 0.501 50000 F															
	To: US 11, US 19															
 	City of Bristol (Maint: 95)	2.13	25000	A	75%	1%	1%	1%	21%	1%	F	0.089	A		26000	A
	Combined Traffic Estimates for 2 Parallel Roadways on this Route: 51000 A 76% 1% 1% 1% 20% 1% F 0.091 A 0.537 53000 A															
	To: Old Airport Rd															

Virginia Department of Transportation
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Annual Average Daily Traffic Volume Estimates By Section of Route
City of Bristol

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	
							2Axle	3+Axle	1Trail	2Trail							
North  	From: Old Airport Rd City of Bristol (Maint: 95)	0.93	24000	A	75%	1%	1%	1%	21%	1%	F	0.089	A	24000	A		
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			47000	A	76%	1%	1%	1%	20%	1%	F	0.092	A	49000	A		
		To: NCL Bristol															
North 	Ramp I-81 N Exit 1	City of Bristol (Maint: 95)	0.24	NA								NA		NA			
		To: Ramp Split															
North 	Ramp I-81 N Exit 1 to US 58 W	City of Bristol (Maint: 95)	0.03	NA								NA		NA			
		To: US 58 W, US 421 W															
North 	Ramp I-81 N Exit 1 to US 58 E, US 421 E	City of Bristol (Maint: 95)	0.02	NA								NA		NA			
		To: US 58 E, US 421 E															
North 	Ramp I-81 N Exit 3 to I-381 S	City of Bristol (Maint: 95)	0.30	660	F	96%	0%	1%	0%	2%	0%	F	0.109	F	690	F	
		To: I-381 South															
North 	Ramp I-81 N Exit 5 to US 11, US 19	City of Bristol (Maint: 95)	0.22	NA								NA		NA			
		To: US 11, US 19															
North 	Ramp I-81 N Exit 7 to Old Airport Rd	City of Bristol (Maint: 95)	0.21	NA								NA		NA			
		To: Old Airport Rd															
South 		From: SCL Bristol City of Bristol (Maint: 95)	0.16	17000	A	78%	1%	1%	1%	19%	1%	C	0.101	A	17000	A	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			35000	A	76%	1%	1%	1%	1%	20%	1%	C	NA		36000	A	
		To: US 58, US 421 Gate City Hwy															
South 		City of Bristol (Maint: 95)	3.58	18000	F	78%	1%	1%	1%	19%	1%	F	0.085	F	18000	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			36000	F	76%	1%	1%	1%	1%	20%	1%	F	0.079	F	0.535	37000	F
		To: I-381															
South 		City of Bristol (Maint: 95)	1.25	23000	F	78%	1%	1%	1%	19%	1%	F	0.083	F	24000	F	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			49000	F	76%	1%	1%	1%	1%	20%	1%	F	0.081	F	0.501	50000	F
		To: US 11, US 19															
South 		City of Bristol (Maint: 95)	1.99	25000	A	78%	1%	1%	1%	19%	1%	F	0.096	A	26000	A	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			51000	A	76%	1%	1%	1%	1%	20%	1%	F	0.091	A	0.537	53000	A
		To: Old Airport Rd															
South 		City of Bristol (Maint: 95)	0.50	24000	A	78%	1%	1%	1%	19%	1%	F	0.101	A	24000	A	
Combined Traffic Estimates for 2 Parallel Roadways on this Route:			47000	A	76%	1%	1%	1%	1%	20%	1%	F	0.092	A	0.558	49000	A
		To: NCL Bristol															

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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 (81) Ramp I-81 S Exit 1A to US 58, US 421	City of Bristol (Maint: 95)	0.17	NA										NA		NA	
	From: I-81 S															
	To: US 58 US 421 Eastbound															
South (81) Ramp I-81 S Exit 1B to US 58, US 421	City of Bristol (Maint: 95)	0.33	1100	F								0.12	F		1100	
	From: I-81 South															
	To: US 58 US 421 Westbound															
South (81) Ramp I-81 S Exit 5 to US 11; US 19	City of Bristol (Maint: 95)	0.07	NA										NA		NA	
	From: I-81 S															
	To: US 11, US 19															
South (81) Ramp I-81 S Exit 7 to Old Airport Rd	City of Bristol (Maint: 95)	0.19	5300	A								0.116	A		5300	
	From: I-81 S															
	To: Old Airport Rd															
South (81) Ramp I-81 S Exit 10 to F-310	City of Bristol (Maint: 95)	0.11	1700	F								0.104	F		1700	
	From: I-81 South															
	To: F-310															
(113) Cumberland St	City of Bristol	0.28	2300	F	98%	0%	0%	0%	1%	0%	C	0.096	F	0.565	2500	
	From: SR 381 Commonwealth Ave															
	To: US 421 Piedmont Ave															
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		3100	F	98%	0%	0%	0%	1%	0%	C	0.095	F	0.555	3300	
(113) Piedmont Ave	City of Bristol	0.08	3700	F	97%	1%	1%	0%	0%	0%	F	0.095	F	0.505	4000	
	From: SR 113 P, Sycamore St															
	To: SR 113 P, Sycamore St															
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		4500	F	98%	1%	1%	0%	0%	0%	F	0.095	F	0.510	4800	
(113) Piedmont Ave	City of Bristol	0.25	3400	F	97%	1%	1%	0%	0%	0%	F	0.103	F	0.565	3600	
	From: SR 113 P, Sycamore Ave															
	To: Oakview Ave															
(113) Oakview Ave	City of Bristol	0.60	2500	F	97%	1%	1%	0%	0%	0%	C	0.101	F	0.578	2700	
	From: Piedmont Ave															
	To: Moore St															
(113) Moore St	City of Bristol	0.12	8400	F	97%	1%	1%	0%	0%	0%	F	0.090	F	0.541	9000	
	From: Oakview Ave															
	To: Euclid Ave															
(113) Sycamore St	City of Bristol	0.40	790	F	99%	0%	0%	0%	0%	0%	C	0.103	F	0.540	840	
	From: SR 381 Commonwealth Ave															
	To: Piedmont Ave															
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		3100	F	98%	0%	0%	0%	1%	0%	C	0.095	F	0.555	3300	
North (381)	City of Bristol (Maint: 95)	1.14	8000	A	96%	0%	1%	0%	2%	0%	C	0.109	A		8500	
	From: SR 381 Commonwealth Ave															
	To: I-81															
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		16000	A	96%	0%	1%	0%	2%	0%	C	0.104	A	0.909	17000	
North (381) I-381 N Ramp	City of Bristol (Maint: 95)	0.25	7100	F	96%	0%	1%	0%	2%	0%	F	0.092	F		7500	
	From: Ramp to I-81 S															
	To: I-81 N															
	Combined Traffic Estimates for 2 Parallel Roadways on this Route:		14000	F	96%	0%	1%	0%	2%	0%	F	NA			15000	

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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 381 Ramp I-381 N to I-81 S	From: I-381 N City of Bristol (Maint: 95) To: I-81 S	0.31	730	F	96%	0%	1%	0%	2%	0%	F	0.133	F	770	F	
South 381	From: SR 381 Commonwealth Ave City of Bristol (Maint: 95) To: I-81 Combined Traffic Estimates for 2 Parallel Roadways on this Route:	1.06	7600	A	96%	0%	1%	0%	2%	0%	C	0.11	A	8100	A	
South 381 I-381 S Ramp	From: Ramp From I-81 North City of Bristol (Maint: 95) To: I-81 South Combined Traffic Estimates for 2 Parallel Roadways on this Route:	0.61	6900	F	96%	0%	1%	0%	2%	0%	F	0.091	F	7200	F	
381 19 421 Commonwealth Ave	From: State St; Tennessee State Line City of Bristol To: SR 113 Cumberland St	0.23	16000	F	93%	1%	1%	1%	4%	0%	F	0.086	F	0.551	17000	F
381 19 421 Commonwealth Ave	From: SR 113 Cumberland St City of Bristol To: SR 133 Par; Sycamore St	0.16	19000	F	96%	0%	1%	0%	2%	0%	F	0.087	F	0.533	20000	F
381 19 421 Commonwealth Ave	From: SR 133 Par; Sycamore St City of Bristol To: US 11 Euclid Ave	0.19	19000	F	96%	0%	1%	0%	2%	0%	F	0.087	F	0.559	20000	F
381 Commonwealth Ave	From: US 11 Euclid Ave City of Bristol To: Keys St; I-381	0.63	18000	F	96%	0%	1%	0%	2%	0%	F	0.089	F	0.548	19000	F
421 58 Gate City Hwy	From: WCL Bristol City of Bristol (Maint: 95) To: US 58; I-81	0.50	5000	F	98%	0%	0%	0%	1%	0%	C	0.086	F	0.575	5300	F
421 Gate City Hwy	From: US 58; I-81 Exit 1 City of Bristol (Maint: 95) To: Island Rd	0.21	8500	F	98%	0%	0%	0%	1%	0%	C	0.091	F	0.611	9000	F
421 Gate City Hwy	From: Island Rd City of Bristol To: W US 11 N Euclid Ave; W State St	0.80	8200	F	98%	0%	0%	0%	1%	0%	F	0.100	F	0.576	8700	F
421 11 Euclid Ave	From: W US 11 City of Bristol To: Vance St	0.75	13000	F	99%	0%	1%	0%	0%	0%	F	0.090	F	0.531	14000	F
421 11 Euclid Ave	From: Vance St City of Bristol To: Bob Morrison Blvd	0.19	14000	F	99%	0%	1%	0%	0%	0%	F	0.09	F	0.535	15000	F
421 11 Euclid Ave	From: Bob Morrison Blvd City of Bristol To: ERT 11	0.18	15000	F	99%	0%	1%	0%	0%	0%	F	0.093	F	0.587	16000	F
421 381 19 Commonwealth Ave	From: ERT 11 City of Bristol To: SR 133 Par Sycamore St	0.19	19000	F	96%	0%	1%	0%	2%	0%	F	0.087	F	0.559	20000	F
421 381 19 Commonwealth Ave	From: SR 133 Par Sycamore St City of Bristol To: SR 113 Cumberland Ave	0.16	19000	F	96%	0%	1%	0%	2%	0%	F	0.087	F	0.533	20000	F
421 381 19 Commonwealth Ave	From: SR 113 Cumberland Ave City of Bristol To: << Invalid Overlap >>	0.23	16000	F	93%	1%	1%	1%	4%	0%	F	0.086	F	0.551	17000	F

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							2Axle	3+Axle	1Trail	2Trail						
421 ^{Truck} 11 ^{Truck} 19 Goode St	From: SR 381 Commonwealth Ave City of Bristol	0.21	1200	F	98%	0%	0%	0%	1%	0%	F	0.098	F	0.508	1200	F
421 ^{Truck} 11 ^{Truck} 19 Cumberland St	From: 102-3305 Piedmont Ave City of Bristol	0.34	3000	F	98%	0%	0%	0%	1%	0%	C	0.102	F	0.568	3200	F
421 State St	From: Truck US 11 Randall St From: Truck US 11; Cumberland St City of Bristol	0.28	8000	F	98%	0%	0%	0%	1%	0%	F	0.099	F	0.607	8600	F
West 421 Ramp US 421 W I-81 N at Exit 1	From: US 421 W City of Bristol (Maint: 95)	0.07	NA									NA			NA	
	To: Ramps US 58 E 96B; US 58 96B															

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						2Axle	3+Axle	1Trail	2Trail							
City of Bristol																
(F35)	0.60	190	R								NA		NA		09/03/2008	
			From: Dead End													
			To: Dead End													
(1) Benham Rd	0.10	4600	F	99%	0%	0%	0%	0%	0%	F	0.096	F	0.679	4900	F	2010
			From: Island Rd													
			To: NCL Bristol													
(2) Goodson St	0.36	3000	F	98%	0%	1%	1%	0%	0%	C	0.093	F	0.527	3200	F	2010
			From: State St													
			To: Mary St													
(3) Island St	1.01	1500	R								NA		NA		09/14/2010	
			From: US 421 Gate City Hwy													
			To: Wagner Rd													
(3) Island St	0.85	1500	F							F	0.110	F	0.57	1500	F	2010
			From: Nininger Rd													
			To: Commonwealth Ave Ext													
(3) Island St	0.12	1600	F							F	0.104	F	0.556	1600	F	2010
			From: 102-8 Pittstown Rd													
			To: US 421 Gate City Hwy													
(4) Osborne St	0.56	880	F	98%	1%	1%	0%	0%	0%	C	0.11	F	0.524	930	F	2010
			From: 102-13 Page St													
			To: Keys St													
(5) Commonwealth Ave Ext	0.33	3100	F	99%	0%	0%	0%	0%	0%	C	0.093	F	0.575	3300	F	2010
			From: Pittstown Rd													
			To: Commonwealth Ave													
(6) Glenway Ave	0.42	3100	F	99%	0%	0%	0%	0%	0%	C	0.096	F	0.529	3300	F	2010
			From: Piedmont Ave													
			To: Commonwealth Ave Extension													
(8) Pittstown Rd	0.45	2700	F	99%	0%	0%	0%	0%	0%	C	0.099	F	0.560	2900	F	2010
			From: Island Rd													
			To: Vance St													
(9) Randolph Ave	0.22	2900	F	99%	0%	0%	0%	0%	0%	F	0.106	F	0.536	3100	F	2010
			From: Wagner Rd													
			To: Spurgeon Lane													
(9) Randolph Ave	0.51	3800	F	99%	0%	0%	0%	0%	0%	C	0.095	F	0.501	4000	F	2010
			From: Fairview St													
			To: Texas Ave													
(10) Rhode Island Rd	0.35	1300	F	98%	0%	1%	0%	0%	0%	C	0.102	F	0.536	1400	F	2010
			From: Randolph Ave													
			To: Commonwealth Ave													
(11) Spurgeon Ln	0.12	4300	F	99%	0%	0%	0%	0%	0%	F	0.094	F	0.518	4500	F	2010
			From: Rhode Island Ave													
			To: E Valley Dr													
(12) Texas Ave	0.49	1900	F	98%	0%	1%	0%	0%	0%	C	0.108	F	0.573	2100	F	2010
			From: US 11 Euclid Ave													
			To: Randolph St													
(13) Vance St	0.13	2200	F	98%	1%	1%	0%	1%	0%	C	0.096	F	0.511	2400	F	2010
			From: Randolph St													
			To: Page St													
(13) Vance St	0.32	770	F							F	0.114	F	0.576	830	F	2010
			From: Vance St													
			To: 102-4 Osborne St													
(13) Page St	0.12	910	F							F	0.114	F	0.530	910	F	2010
			From: 102-4 Osborne St													
			To: US 421 Gate City Hwy													
(14) Catherine St	0.58	570	F							F	0.119	F	0.515	570	F	2010
			From: US 421 Gate City Hwy													
			To: 102-13 Vance St													

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						2Axle	3+Axle	1Trail	2Trail							
City of Bristol																
(15) Scott St	0.23	540	F			From: SR 113 Piedmont Ave				0.103	F	0.679	540	F	2010	
						To: Truck US 11 Randall St										
(3300) State St	0.55	15000	F	98%	1%	1%	0%	1%	0%	C	0.087	F	0.512	16000	F	2010
						From: US 11 Euclid Ave										
						To: Peters St										
(3300) State St	0.67	15000	F	98%	1%	1%	0%	1%	0%	F	0.085	F	0.582	16000	F	2010
						From: SR 381 Commonwealth Ave										
						To: Edgemont Ave										
(3300) State St	0.43	8600	F	98%	1%	1%	0%	1%	0%	F	0.083	F	0.507	9200	F	2010
						From: W State St										
						To: US 11 W Euclid Ave										
(3301) Bob Morrison Blvd	0.45	2700	F	98%	0%	1%	0%	1%	0%	C	0.097	F	0.579	2900	F	2010
						From: 102-3300 State St										
						To: US 421 Goode St										
(3305) Piedmont Ave	0.05	4100	F	99%	0%	0%	0%	0%	0%	F	0.103	F	0.551	4400	F	2010
						From: Oakview Ave										
(3305) Piedmont Ave	0.15	2200	F	99%	0%	0%	0%	0%	0%	C	0.108	F	0.629	2300	F	2010
						From: Highland Ave										
						To: US 11 Euclid Ave										
(3305) Piedmont Ave	0.15	4300	F	99%	0%	0%	0%	0%	0%	F	0.104	F	0.591	4600	F	2010
						From: US 421										
(3307) Moore St	0.41	680	F	97%	1%	2%	0%	0%	0%	C	0.112	F		730	F	2010
						From: Cumberland St										
						To: Mary St										
(3307) Moore St	0.43	1400	F	97%	1%	2%	0%	0%	0%	F	0.099	F	0.553	1500	F	2010
						From: Oakview St										
						To: Mary St										
(3308) Fairview St	0.27	3300	F	97%	0%	1%	1%	0%	0%	F	0.106	F	0.642	3500	F	2010
						From: Rhode Island Ave										
(3308) Massachusetts Ave	0.37	2200	F	97%	0%	1%	1%	0%	0%	C	0.096	F	0.589	2400	F	2010
						From: Texas Ave										
(3308) Massachusetts Ave	0.15	2200	N	97%	0%	1%	1%	0%	0%	N	0.096	N	0.589	2400	N	2010
						From: Hillside Ave										
(3308) Kings Mill Pike	0.46	3900	F	98%	0%	1%	1%	0%	0%	F	0.095	F	0.507	4100	F	2010
						From: E Valley Dr										
						To: Valley Dr										
(3308) Kings Mill Pike	1.12	6000	F	98%	0%	1%	1%	0%	0%	C	0.100	F	0.546	6400	F	2010
						From: Old Airport Rd										
(3308) Kings Mill Rd	0.36	7000	F	98%	0%	1%	1%	0%	0%	F	0.094	F	0.548	7500	F	2010
						From: ECL Bristol										
						To: Piedmont Ave										
(3312) W Valley Dr	1.00	1400	F	97%	1%	1%	1%	1%	0%	F	0.107	F	0.585	1500	F	2010
						From: US 11 Lee Highway										
(3312) E Valley Dr	0.56	5200	F	97%	1%	1%	1%	1%	0%	F	0.096	F	0.535	5600	F	2010
						From: Old Abingdon Hwy										
(3312) E Valley Dr	0.72	3800	F	97%	1%	1%	1%	1%	0%	C	0.095	F	0.519	4100	F	2010
						From: Kingsmill Pike										
						To: Kingsmill Pike										
(3314) Island Rd	2.01	2700	F	98%	0%	1%	0%	0%	0%	F	0.097	F	0.522	2900	F	2010
						From: NCL Bristol; 102-1 Pittston Rd										
						To: 102-3319 Wallace Pike										
(3314) Island Rd	0.31	4200	F	98%	0%	1%	0%	0%	0%	C	0.103	F	0.544	4400	F	2010
						From: Wallace Pike										
						To: US 11 Lee Highway										

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						2Axle	3+Axle	1Trail	2Trail							
City of Bristol																
(3318) Old Airport Rd	0.96	9100	F	95%	1%	From: 102-3308 King Mill Pike To: Bonham Rd				F	0.091	F	0.585	9700	F	2010
(3318) Old Airport Rd	0.98	9500	F	95%	1%	From: Bonham Rd To: I-81 Exit 7				C	0.092	F	0.505	10000	F	2010
(3318) Old Airport Rd	0.20	18000	F	95%	1%	From: I-81 Exit 7 To: US 11 Lee Hwy				F	0.089	F	0.545	19000	F	2010
(3318) Ramp to I-81 N at Exit 7	0.14	NA				From: 102-3318 Old Airport Rd To: I-81 N					NA			NA		
(3318) Ramp to I-81 S at Exit 7	0.19	NA				From: 102-3318 Old Airport Rd To: I-81 S					NA			NA		
(3319) Wallace Pike	0.33	2200	F	98%	1%	From: Island Rd To: NCL Bristol				C	0.110	F	0.539	2300	F	2010
(3320) Old Abingdon Hwy	1.27	3900	F	97%	0%	From: Valley Dr To: US 11 Lee Highway				C	0.097	F	0.626	4100	F	2010
(3321) Clear Creek Rd	0.13	5100	G	97%	0%	From: US 11 Lee Highway To: NCL Bristol				F	0.090	N	0.644	5600	G	2010
(3323) Peters St; Vance St	0.28	2000	F	98%	0%	From: W State St To: US 11 Euclid Ave				C	0.104	F	0.579	2100	F	2010
(3325) Piedmont Ave	0.30	1500	F	99%	0%	From: US 11 Euclid Ave To: 102-6 Glenway Ave				F	0.115	F	0.523	1700	F	2010
(3325) Piedmont Ave	0.16	1500	F	99%	0%	From: 102-6 Glenway Ave To: 102-3312 Valley Dr				F	0.108	F	0.536	1600	F	2010
(3326) W Mary St	0.45	2900	F	98%	0%	From: Piedmont Ave To: Truck US 11 Randall St				C	0.098	F	0.5	3100	F	2010
(3326) W Mary St	0.14	5200	F	98%	0%	From: Truck US 11 Randall St To: Goodson St				F	0.098	F	0.508	5600	F	2010
(3326) W Mary St	0.09	5200	N	98%	0%	From: Goodson St To: Fairview St				N	0.098	N	0.508	5600	N	2010
(3328) Bonham Rd	0.32	7100	F	99%	0%	From: Old Airport Rd To: I-81				F	0.094	F	0.545	7600	F	2010
(3328) Bonham Rd	0.45	8300	F	99%	0%	From: I-81 To: US 11 Lee Highway				C	0.097	F	0.501	8900	F	2010
Chester St		280	F			From: Glenway Ave To: Arlington Ave					0.134	F	0.544	300	F	2010
Cheyenne Rd		150	F			From: Shawnee Rd To: Sherwood Dr					0.112	F	0.556	160	F	2010
Daniel St		350	F			From: Newton St To: Tennessee State Line					0.148	F	0.737	380	F	2010
Jefferson Dr		310	F			From: Cherry Lane To: Cedar Lane					0.195	F	0.581	330	F	2010

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						2Axle	3+Axle	1Trail	2Trail							
City of Bristol																
Lester St		500	F			From: Moore St				0.098	F	0.754	540	F	2010	
						To: Russell St										
Pearl St		90	G			From: Prospect Ave				NA		100	G	2010		
						To: Arlington Ave										
Poplar St		70	G			From: Oakview Dr				NA		80	G	2010		
						To: Meadow Dr										
Spring Branch Rd		46	G			From: Overlake Dr				NA		50	G	2010		
						To: Vale Dr										