### 2009

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

where available

## Special Locality Report 121

City of Newport News

Information in this report is included in Report

94

(Warwick Maintenance Area)

Prepared By

Virginia Department of Transportation Traffic Engineering Division

In Cooperation With

U.S. Department of Transportation Federal Highway Administration

### Virginia Department of Transportation Traffic Engineering Division Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled "Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes" includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled "Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99".

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people of the VDOT Traffic Engineering Division Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

### **Publication Notes**

### Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a "Combined Traffic Estimates for Parallel Roadways on this Route" or "Combined Traffic" identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate "NA" for not available.

VDOT's traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating "NA" for not available. It is the intention of the VDOT Traffic Engineering Division Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate "NA" for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

### Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

### QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

**2Axle Truck**: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

**3+Axle Truck**: Percentage of the traffic volume made up of single unit trucks with three or more axles.

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

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

QC: Quality of Classification Data:

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

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

QK: Quality of the K Factor estimate:

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

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

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

QW: Quality of AAWDT:

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

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

### Route Shield Legend

### Route Systems

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

### **Special Routes**

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

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

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

						Tru	ıck			K		Dir		
Route	Jurisdiction	Length <b>AADT</b>	QA 4T	ire Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	Q۷
~~~	From:	Isle of Wight Coun									_			
17 258 32 Mercury Blvd	City of Newport News	0.22 <b>29000</b>	<b>G</b> 98	% 0%	0%	1%	1%	0%	F	0.091	F	0.701	30000	G
$\sim$	To: From:	US 60 Warwick												
17) (258) (32) Mercury Blvd	City of Newport News	0.56 <b>38000</b>	<b>G</b> 98	% 0%	0%	1%	1%	0%	F	0.093	F	0.573	40000	(
~ ~ ~	To: From:	US 258, SR 143 Jeffe US 258 Mercury												
17 (143) Jefferson Ave	City of Newport News	1.31 <b>44000</b>	<b>G</b> 98	% 0%	0%	1%	1%	0%	F	0.081	F	0.592	47000	(
17) (143) conciosii i ii						.,,	.,0	0,0	-	0.00	-	0.002		
17) (143) Jefferson Ave	City of Newport News	SR 152 Main : 1.69 <b>44000</b>	F 98	% 1%	1%	0%	0%	0%	С	0.092	В	0.563	48000	
17 143 Jefferson Ave	City of Newport News	1.09 44000	F 90	070 I70	176	0%	U70	076	C	0.092	Ь	0.505	40000	
~	To: From:	SR 306 Harpersvii												
17) (143) Jefferson Ave	City of Newport News	1.12 60000	<b>G</b> 98	% 0%	0%	1%	1%	0%	F	NA			66000	(
<del>~                                    </del>	To: From:	SR 312 J Clyde Mor SR 143 Jefferson												
17 J Clyde Morris Blvd	City of Newport News	1.28 <b>50000</b>	<b>G</b> 98	% 0%	0%	1%	1%	0%	F	NA			55000	(
17) o olyde Moriis Biva	City of Newport News		<b>O</b> 00	770 070		170	170	070	•	14/1			00000	
~~	From:	I-64	• • • • • • • • • • • • • • • • • • • •	.0.4		00/	00/	00/	_	0.004	_	0.570	44000	
J Clyde Morris Blvd	City of Newport News	0.80 <b>39000</b>	<b>G</b> 98	3% 1%	0%	0%	0%	0%	F	0.081	F	0.578	41000	(
~	To- From:	121-7034 Harpersv	ille Rd											
J Clyde Morris Blvd	City of Newport News	0.25 <b>37000</b>	<b>G</b> 98	3% 1%	0%	0%	0%	0%	F	0.082	F	0.542	40000	(
~	To:	NCL Newport N	lews											
	From:	Isle of Wight Coun	ty Line											
32) (17) (258) Mercury Blvd	City of Newport News	0.22 <b>29000</b>	<b>G</b> 98	% 0%	0%	1%	1%	0%	F	0.091	F	0.701	30000	(
	To:	US 60 Warwick	Blvd											
32) (17) (258) Mercury Blvd	City of Newport News	0.56 38000	<b>G</b> 98	% 0%	0%	1%	1%	0%	F	0.093	F	0.573	40000	(
	To:	US 258, SR 143 Jeffe												
	From:	James City Count	v Line		- i									
60 Warwick Blvd	City of Newport News	1.70 <b>11000</b>	<b>G</b> 92	:% 1%	2%	1%	4%	0%	F	0.09	F	0.560	12000	(
30)	To:	Yorktown Ro	1											
60 Warwick Blvd	City of Newport News	1.61 <b>16000</b>	<b>G</b> 94	% 1%	2%	1%	2%	0%	С	0.089	F	0.557	17000	(
Valvion Biva	City of Newport News			70 170		170	270	070	O	0.000	•	0.007	17000	
~~	From:	SR 105 Ft Eustis		0/ 40/		407	00/	00/		0.070	_	0.000	00000	_
Warwick Blvd	City of Newport News	1.68 <b>30000</b>	<b>G</b> 94	·% 1%	2%	1%	2%	0%	F	0.078	F	0.609	33000	(
~	To- From:	Snidow Blvd	i											
60 Warwick Blvd	City of Newport News	1.66 <b>42000</b>	<b>G</b> 97	'% 1%	1%	0%	0%	0%	С	0.077	F	0.512	46000	(
~	To:	Denbigh Blve	d		$\neg$ $\vdash$									
60 € Warwick Blvd	City of Newport News	0.78 <b>37000</b>	<b>G</b> 97	'% 1%	1%	0%	0%	0%	С	0.078	F	0.516	40000	(
	Too	Dland Dland												
60 Warwick Blvd	City of Newport News	1.45 Bland Blvd	<b>G</b> 97	'% 1%	1%	0%	0%	0%	F	0.084	F	0.528	36000	(
60) Warwick Blvd	City of Newport News			/0 170	1 70	U-70	U70	070	Г	0.004	ı	0.320	30000	,
~	To: From:	Oyster Point F									_			_
60 Warwick Blvd	City of Newport News	2.39 <b>29000</b>	<b>G</b> 98	% 0%	1%	0%	0%	0%	С	0.089	F	0.527	32000	(
~	To:	Deep Creek Ro	oad											

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

			Newport N					Tru	ck			K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	· QI
	From:	De	ep Creek Road	d												
60 Warwick Blvd	City of Newport N	News 0.89	40000	G	98%	0%	1%	0%	0%	0%	F	NA			43000	(
<del>~</del>	To	J Cly	de Morris Bl	vd												
60 Warwick Blvd	City of Newport N	News 1.07	24000	G	98%	1%	1%	0%	0%	0%	С	0.097	F	0.528	26000	(
~	To:	На	arpersville Rd													
60 Warwick Blvd	City of Newport N		25000	G	98%	1%	1%	0%	0%	0%	F	0.091	F	0.615	27000	
~	To:		Main Street													
60 Warwick Blvd	City of Newport N	News 1.08	22000	G	98%	1%	1%	0%	0%	0%	С	0.101	F	0.686	24000	
<del></del>	To	N	fercury Blvd													
60 Warwick Blvd	City of Newport N		23000	G	98%	1%	1%	0%	0%	0%	С	0.12	F	0.864	25000	
<del>*</del>	To:		ıntington Ave	;												
Liuntington Aug	From:		Varwick Blvd	_	000/	1%	10/	00/	00/	00/	F	0.470	F		10000	
60 Huntington Ave	City of Newport N Combined Traffic Estimates for 2 Parallel		9600	G G	98% 98%	1%	1% 1%	0% 0%	0% 0%	0% 0%	F	0.179 NA	Г		10000 23000	
	Combined Trainic Estimates for 2 Parallel	Roadways on this Route.		G	96%	170	170	0%	0%	0%	Г	INA			23000	
60 Huntington Ave	City of Newport N	News 0.55	50th St 10000	G	98%	0%	1%	0%	0%	0%	С	0.169	F		11000	
60 Huntington Ave	Combined Traffic Estimates for 2 Parallel			G	98%	0%	1%	0%	0%	0%	F	NA			21000	
	Combined Trainic Estimates for 21 araner	Troadways on this froute.		-	30 76	070	1 /0	070	070	076	'	INA			21000	
60 Huntington Ave	City of Newport N	News 0.50	39th St 10000	G	98%	0%	1%	0%	0%	0%	F	0.167	F		11000	
60 Huntington Ave	Combined Traffic Estimates for 2 Parallel			G	98%	0%	1%	0%	0%	0%	F	NA			14000	
	Combined Traine Estimates for 21 araner	Troadways on this froute.		-	30 /6	070	1 /0	070	070	076	'	INA			14000	
60 Huntington Ave	City of Newport N	News 0.28	29th St <b>5100</b>	G	98%	0%	1%	0%	0%	0%	F	0.156	F		5500	
60 Huntington Ave	Combined Traffic Estimates for 2 Parallel			G	98%	0%	1%	0%	0%	0%	F	NA	'		9000	
	To:	rtodaways on this rtodic.	25th St	<u> </u>	3070	070		070	070	070	•	14/			3000	
~~ <u></u>	From:		ıntington Ave													
60) 25th St	City of Newport N	News 0.42	1700	G	92%	5%	2%	0%	0%	0%	С	0.115	F		1900	
~	To: From:		efferson Ave													
60 ) 25th St	City of Newport N		2700	G	92%	5%	2%	0%	0%	0%	F	0.090	F		2900	
~	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	5300	G	94%	3%	2%	0%	0%	0%	F	NA			5700	
<u></u>	To: From:		Roanoke Ave													
60) 25th St	City of Newport N		3000	G	92%	5%	2%	0%	0%	0%	F	0.087	F		3300	
	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	4700	G	93%	4%	2%	0%	0%	0%	F	NA			5100	
~~	To: From:		26th St													
60 ) 25th St	City of Newport N		5800	G	92%	5%	2%	0%	0%	0%	F	0.083	F	0.663	6300	
~	10:	W	CL Hampton													
Warwiels Dhad	From:	Nove 4.04	US 60	_	000/	40/	10/	00/	00/	00/	0	0.200	_		12000	
60 Warwick Blvd	Combined Treffic February for 2 Parallal		11000	G	98%	1%	1%	0%	0%	0%	С	0.200	F		12000	
	Combined Traffic Estimates for 2 Parallel	Roadways on this Route:	21000	G	98%	1%	1%	0%	0%	0%	F	NA			23000	

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

								Tru	ck			K		Dir		
Route	Jurisdiction	n Length	AADT	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	Q\
~~	From:		50Th St													
60 Warwick Blvd	City of Newport	News 0.59	9200	G	98%	0%	1%	0%	0%	0%	F	0.164	F		10000	(
•	Combined Traffic Estimates for 2 Paralle	Roadways on this Route:	19000	G	98%	0%	1%	0%	0%	0%	F	NA			21000	(
	To. From:		38Th St													
60 Warwick Blvd	City of Newport		3200	G	98%	0%	1%	0%	0%	0%	С	0.192	F		3500	•
(F)	Combined Traffic Estimates for 2 Paralle	Roadways on this Route:		G	98%	0%	1%	0%	0%	0%	F	NA			14000	(
	To:		25Th St													
~~	From:		US 60													
(60) 26th St	City of Newport		2600	G	96%	2%	2%	0%	0%	0%	С	0.068	F		2800	(
~	Combined Traffic Estimates for 2 Paralle	Roadways on this Route:	5300	G	94%	3%	2%	0%	0%	0%	F	NA			5700	(
~~~	To: From:		Chestnut Av													
60 26th St	City of Newport		1700	G	95%	2%	2%	0%	0%	0%	С	0.077	F		1800	
~	Combined Traffic Estimates for 2 Paralle	Roadways on this Route:		G	93%	4%	2%	0%	0%	0%	F	NA			5100	
	10.		25th St													
ast	City of Newport News		L Newport 1 39000	News <b>G</b>	96%	0%	1%	0%	3%	0%	_	0.074	F		40000	
64						0%	1%	0%	3% 3%	0% 0%	F	0.074 NA	Г			
	Combined Traffic Estimates for 2 Paralle	<u> </u>		G	96%	0%	1%	0%	3%	0%	Г	INA			81000	
East	To- From:	SR	238 Yorktov	vn Rd												
64)	City of Newport News	(Maint: 99) 2.04	41000	G	96%	0%	1%	0%	3%	0%	F	0.072	F		42000	
	Combined Traffic Estimates for 2 Paralle	Roadways on this Route:	83000	G	96%	0%	1%	0%	3%	0%	F	NA			85000	
	To- From:	SR 1	05 Ft Eustis	Blvd												
East 64)	City of Newport News	(Maint: 99) 5.03	45000	G	96%	0%	1%	0%	3%	0%	F	0.071	F		46000	
04)	Combined Traffic Estimates for 2 Paralle			G	96%	0%	1%	0%	3%	0%	F	NA	•		94000	
	Tallo Estimates for 21 draine				3070	070		070	070	070	•	1473			04000	
East	From		143 Jefferson													
64)	City of Newport News	,	55000	G	96%	0%	1%	0%	3%	0%	F	0.073	F		57000	
	Combined Traffic Estimates for 2 Paralle	Roadways on this Route:	113000	G	96%	0%	1%	0%	3%	0%	F	NA			115000	
East	To- From:	SR 1	71 Oyster Po	oint Rd												
64)	City of Newport News	(Maint: 99) 1.81	67000	Α	96%	0%	1%	0%	3%	0%	С	0.092	Α		69000	
<u>.,</u>	Combined Traffic Estimates for 2 Paralle	Roadways on this Route:	133000	Α	96%	0%	1%	0%	3%	0%	С	0.087	Α	0.561	136000	
	To	US 17	J Clyde Mor	ris Blvd												
ast	From:L		•		000/	00/	40/	00/	20/	00/	_	0.074	_		70000	
64)	City of Newport News		70000	G	96%	0%	1%	0%	3%	0%	F	0.074	F		72000	
	Combined Traffic Estimates for 2 Paralle		VCL Hampt	G	96%	0%	1%	0%	3%	0%	F	NA			147000	
V4	Franc		•													
Vest 64)	City of Newport News		L Newport 1 39000	News G	96%	0%	1%	1%	3%	0%	F	0.075	F		40000	
04)	Combined Traffic Estimates for 2 Paralle			G	96%	0%	1%	0%	3%	0%	' F	NA	'		78000	
	Tollionieu Traine Estillates 101 2 Palalle	•	143 Jefferson		30 /0	U /0	1 /0	U /0	J/0	U /0	Г	INA			70000	

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

								Tru	ıck			K		Dir		—
Route	Jurisdiction	n Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	Q'
/est	From:		43 Jefferson		2001			407			_					
54)	City of Newport News		40000	G	96%	0%	1%	1%	3%	0%	F _	0.077	F		41000	
	Combined Traffic Estimates for 2 Paralle	•		G	96%	0%	1%	0%	3%	0%	F	NA			81000	
/est	To: From:	SR 2	238 Yorktow	n Rd												_
64)	City of Newport News	s (Maint: 99) 2.32	42000	G	96%	0%	1%	1%	3%	0%	F	0.07	F		43000	
	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	83000	G	96%	0%	1%	0%	3%	0%	F	NA			85000	
	To. From:	SR 10	5 Fort Eusti	is Blvd												
est 64	City of Newport News	s (Maint: 99) 5.22	47000	G	96%	0%	1%	1%	3%	0%	F	0.071	F		48000	
54)	Combined Traffic Estimates for 2 Paralle	` '		G	96%	0%	1%	0%	3%	0%	F	NA	•		94000	
	Tal		43 Jefferson			070		070	070	070	•				0 1000	
est	From:										_		_			
54	City of Newport News	,	57000	G	96%	0%	1%	1%	3%	0%	F	0.076	F		58000	
	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	113000	G	96%	0%	1%	0%	3%	0%	F	NA			115000	
est	To: From:	SR 17	71 Oyster Po	int Rd												
(est <u>64</u> )	City of Newport News	s (Maint: 99) 1.50	66000	Α	96%	0%	1%	1%	3%	0%	С	0.097	Α		67000	
	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	133000	Α	96%	0%	1%	0%	3%	0%	С	0.087	Α	0.561	136000	
	To	US 17 .	J Clyde Mor	ris Blvd												
vest	City of Newport News	s (Maint: 99) 0.78	74000	G	96%	0%	1%	1%	3%	0%	F	0.083	F		76000	
54)	Combined Traffic Estimates for 2 Paralle	,		G	96%	0%	1%	0%	3%	0%	, E	NA	'		147000	
	To:		VCL Hampto		30 /6	070	178	076	370	076	'	INA			147000	
	From:		Ft Eustis													_
05)Ft Eustis Blvd	City of Newport	News 0.04	21000	G	96%	1%	1%	1%	2%	0%	F	0.1	F	0.804	22000	
99	To.		US 60				—									
05)Ft Eustis Blvd	From: L City of Newport	News 1.01	36000	G	95%	1%	1%	1%	2%	0%	С	0.088	F	0.598	39000	
99			I-64													
05)Ft Eustis Blvd	From: L City of Newport	News 0.23	22000	G	96%	1%	1%	1%	2%	0%	F	0.09	F	0.564	24000	
03)***	TaJ							.,,			-					
05)Ft Eustis Blvd	From: City of Newport		43 Jefferson <b>15000</b>	A	96%	1%	1%	1%	2%	0%	С	0.117	Α	0.616	17000	
05) I L'Edollo Biva	To:		L Newport N		3070	170	170	170	270	070	Ü	0.117	,,	0.010	17000	
	From:		VCL Hampto													_
43)27th St	City of Newport		6700	G	98%	1%	1%	0%	0%	0%	F	0.087	F	0.516	7300	
-9	To:		143 Par, 28t	th St												
	From:		143 Par, 27t													
43) 28th St	City of Newport		2200	G	98%	1%	1%	0%	0%	0%	F	0.083	F		2400	
	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	4700	G	98%	1%	1%	0%	0%	0%	F	NA			5100	
	To- From:		Chestnut Av													_
43)28th St	City of Newport  Combined Traffic Estimates for 2 Paralle		2500	G	98%	1%	1%	0%	0%	0%	С	0.076	F		2700	
/			4700	G	98%	1%	1%	0%	0%	0%	С	NA			5100	

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

								Tru	ıck			K		Dir		
Route	Jurisdictio	n Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	. QI
Lefferson Ave	From:		143 Par, 27t		070/	00/	10/	40/	40/	00/	_	0.074	F	0.511	12000	
Jefferson Ave	City of Newport	News 0.53	12000	G	97%	0%	1%	1%	1%	0%	С	0.074	Г	0.511	13000	C
143 Jefferson Ave	From: City of Newport	News 0.41	I-664 <b>25000</b>	G	98%	0%	1%	0%	0%	0%	F	0.074	F	0.544	26000	(
143 Julierson Ave	City of Newport	1 News 0.41			90 /0	076	1 /0	0 /0	076	0 /0		0.074		0.544	20000	
143)Jefferson Ave	City of Newport	News 1.89	50th St 32000	G	98%	0%	1%	0%	0%	0%	F	0.077	F	0.560	33000	(
143/00/10/00/17/10	To:		58 Mercury		0070	070	170	070	070	070	·	0.077	•	0.000	00000	
	From:		Mercury Blv								_		_			
143 (17) Jefferson Ave	City of Newport	t News 1.31	44000	G	98%	0%	0%	1%	1%	0%	F	0.081	F	0.592	47000	(
	To: From:		R 152 Main													
143 (17) Jefferson Ave	City of Newport	News 1.69	44000	F	98%	1%	1%	0%	0%	0%	С	0.092	В	0.563	48000	I
<u> </u>	To: From:		6 Harpersvi													
143 [17] Jefferson Ave	City of Newport		60000	G	98%	0%	0%	1%	1%	0%	F	NA			66000	(
	From:		yde Morris J Clyde Mo													
143) Jefferson Ave	City of Newport		54000	G	98%	1%	1%	1%	0%	0%	С	0.078	F	0.506	57000	(
	Tax	Mid	dle Ground	Blvd												
143) Jefferson Ave	City of Newport		61000	G	98%	0%	1%	0%	0%	0%	F	0.08	F	0.589	63000	(
	Tax	SR 17	1 Oyster Po	int Rd			<u> </u>									
143)Jefferson Ave	City of Newport		58000	G	98%	0%	1%	0%	0%	0%	F	0.078	F	0.537	61000	(
<u> </u>	To:		I-64				<u> </u>									
143) Jefferson Ave	City of Newport	News 1.13	89000	G	98%	0%	1%	0%	1%	0%	С	0.078	F	0.537	93000	(
	To:		Bland Blvd	Į.			<u> </u>									
143) Jefferson Ave	City of Newport	News 0.86	55000	G	98%	0%	1%	0%	0%	0%	F	0.076	F	0.634	57000	(
$\overline{}$	To	SR 1	73 Denbigh	Blvd												
143) Jefferson Ave	City of Newport	News 0.84	36000	G	98%	0%	1%	0%	0%	0%	С	NA			36000	(
$\smile$	To		Richneck Ro	d												
143) Jefferson Ave	City of Newport	News 2.19	31000	G	98%	0%	1%	0%	0%	0%	F	0.091	F	0.649	32000	(
$\smile$	To	SR 1	05 Ft Eustis	Blvd			<u> </u>									
143) Jefferson Ave	City of Newport	News 2.55	12000	G	97%	0%	1%	1%	1%	0%	С	0.141	F	0.730	13000	(
$\overline{}$	To	,	Yorktown R	d			<u> </u>									
143) Jefferson Ave	City of Newport	News 1.12	16000	G	97%	0%	1%	1%	1%	0%	F	0.119	F	0.716	17000	
	To	James	City Count	y Line												
	From:		R 143; 28th										_			
143) 27th St	City of Newport		2500	G	98%	1%	1%	0%	0%	0%	С	0.084	F	0.582	2700	(
	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	4700	G	98%	1%	1%	0%	0%	0%	F	NA			5100	(
	To: From:		Chestnut Av										_		0.105	
143) 27th St	City of Newport		2300	G	98%	1%	1%	0%	0%	0%	С	0.086	F	0.570	2400	(
$\sim$	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	4700	G	98%	1%	1%	0%	0%	0%	С	NA			5100	(

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

		City of Newport	INCWS				Tru	ıok			K		Dir		
Route	Jurisdiction	Length AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
	From:	US 60 Warwick l	Blvd			27 040	017040	TTTGIII	Ziran		1 dotoi		, dotoi		
(152) Main St	City of Newport News	0.41 <b>12000</b>	G	98%	0%	1%	0%	0%	0%	С	0.09	F	0.525	12000	G
	To- From	US 17, SR 143 Jeffer	son Ave			_									
(152) Main St	City of Newport News	0.56 <b>9400</b>	G	99%	0%	1%	0%	0%	0%	С	0.099	F	0.544	10000	G
	To:	WCL Hampto	n												
	From:	SR 143 Jefferson	Ave												
(171) Oyster Point Rd	City of Newport News	0.70 <b>44000</b>	G	98%	0%	1%	1%	0%	0%	С	0.084	F	0.504	48000	G
	To- From:	121-12 Canon B	lvd												
(171) Oyster Point Rd	City of Newport News	0.17 <b>48000</b>	G	98%	0%	1%	1%	0%	0%	F	0.083	F	0.580	52000	G
<u> </u>	To: From:	I-64													
(171) Victory Blvd	City of Newport News	0.74 <b>48000</b>	G	98%	0%	1%	0%	1%	0%	F	0.085	F	0.609	52000	G
<u> </u>	To:	York County Li	ine												
	From:	Moyer Drive													
173 Denbigh Blvd	City of Newport News	0.53 3700	G	99%	0%	1%	0%	0%	0%	С	0.089	F	0.638	4000	G
	From:	Catalina Drive Catalina Dr	e												
(173) Denbigh Blvd	City of Newport News	0.74 <b>8900</b>	G	99%	0%	1%	0%	0%	0%	F	0.087	F	0.611	9700	G
	To: From	Lucas Creek R	ld			$\neg$ $\vdash$									
173 Denbigh Blvd	City of Newport News	0.55 <b>17000</b>	G	99%	0%	1%	0%	0%	0%	F	0.086	F	0.608	18000	G
	To: From:	US 60 Warwick l													
173 Denbigh Blvd	City of Newport News	1.14 <b>29000</b>	G	98%	1%	1%	0%	0%	0%	С	0.085	F	0.577	31000	G
	To: From:	SR 143 Jefferson													
173 Denbigh Blvd	City of Newport News	1.32 <b>27000</b>	G	99%	0%	0%	0%	0%	0%	F	0.092	F	0.580	29000	G
	To	York County Li													
Varieta un Del	From:	US 60 Warwick 1		020/	40/	40/	20/	20/	00/	0	0.000	_	0.504	5000	_
238 Yorktown Rd	City of Newport News	0.94 <b>5400</b>	G	93%	1%	1%	3%	2%	0%	С	0.089	F	0.504	5900	G
Vorlstown Dd	City of Newport News	0.18 <b>9500</b>	G	97%	1%	1%	10/	1%	0%	F	0.006	F	0.505	11000	G
238 Yorktown Rd	City of Newport News			91%	170	1%	1%	170	0%	Г	0.086	Г	0.505	11000	G
	From:	SR 143 Jefferson		070/	407		407	407	201		0.005		0.570	44000	_
238 Yorktown Rd	City of Newport News	1.06 <b>9700</b> York County Li	G	97%	1%	1%	1%	1%	0%	F	0.095	F	0.576	11000	G
258 \ 17 \ 32 \ Mercury Blvd	City of Newport News	Isle of Wight Count 0.22 <b>29000</b>	y Line <b>G</b>	98%	0%	0%	1%	1%	0%	F	0.091	F	0.701	30000	G
(258) (17) (32) Mercury Blvd	City of Newport News			JU /0	U /0	0 /0	1 /0	1 /0	U /0	Г	0.031	-	0.701	30000	G
258 17 32 Mercury Blvd	City of Newport News	US 60 Warwick 1 0.56 <b>38000</b>	Blvd <b>G</b>	98%	0%	0%	1%	1%	0%	F	0.093	F	0.573	40000	G
(258) (17) (32) Mercury Blvd	City of Newport News			JU 70	U70	U-70	1 70	1 70	U 70	F	0.093	r	0.373	40000	G
Manager Blad	From:	Jefferson Ave		0007	001		001	407	001	_	0.000		0.557	44000	
258 Mercury Blvd	City of Newport News	0.29 <b>40000</b>	G	99%	0%	0%	0%	1%	0%	F	0.086	F	0.557	41000	G
<u> </u>	To:	WCL Hampto	n												

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

		City o	Newport	inews								1.1		- F.		
Route	Jurisdictio	n Lenath	AADT	QA	4Tire	Bus		Trι			QC	K	QK	Dir	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail		Factor		Factor		
	From:		0 Warwick								_		_			_
306 Harpersville Rd	City of Newport		9900	G	99%	0%	1%	0%	0%	0%	С	0.095	F	0.574	11000	G
<u> </u>	10:	US 17, S	R 143 Jeffer	rson Ave	2											
	From:		0 Warwick													
312) J Clyde Morris Blvd	City of Newport		28000	G	98%	0%	1%	0%	0%	0%	С	0.083	F	0.511	31000	G
<u> </u>	To:	U	S 17; SR14	13												
	From-	US 6	0 Huntington	n Ave												
351)39th St	City of Newport	News 0.64	6900	N	97%	1%	1%	1%	0%	0%	Ν	0.121	Ν	0.768	7400	Ν
$\smile$	Tac	,	Marshall Av	e												
351)39th St	City of Newport		6900	G	97%	1%	1%	1%	0%	0%	С	0.121	F	0.768	7400	G
351) 55 51	To:		/CL Hampto		0.70	.,,	Ť	.,,	0,0	070	•	0	•	000		Ū
	From:		*													
I-664 Evit 5 Ramp (from bo	oth directions merged) City of Newport News		/B I-664 Ex:	пэтанц	)S							NA			NA	
664 1-004 Exit 3 Ramp (nom bo	To:		S 60 WB W	arwick /	Ave.		1					INA			INA	
_					ive											
East	From:		CL Hampto		0.40/	00/	40/	40/	00/	00/	_	NIA			00000	_
664 Hampton Roads Beltway	City of Newport News	,	37000	G	94%	0%	1%	1%	3%	0%	F	NA			30000	G
	Combined Traffic Estimates for 2 Paralle	-		G	94%	0%	1%	1%	4%	0%	F	NA			65000	G
		East I-664 is	signed as	s Souti	h I-664											
F4	To: From:	Roanol	e Ave; Che	stnut St												
East 664) Hampton Roads Beltway	City of Newport News	s (Maint: 99) 1.02	34000	G	94%	0%	1%	1%	3%	0%	F	NA			59000	G
664 Hampton Roads Beitway		,		G	94%	0%	1%	1%	4%	0%	, E	NA			98000	G
	Combined Traffic Estimates for 2 Paralle	•				0%	170	170	4%	0%	Г	INA			96000	G
		East I-664 is	signea as	s Souti	1 1-004											
East	To: From:	SR 143 J	efferson Ave	e; 35th S	t											
Hampton Roads Beltway	City of Newport News	s (Maint: 99) 1.64	21000	G	94%	0%	1%	1%	3%	0%	F	NA			71000	G
864) . Iampton . Ioaao Zoimay	Combined Traffic Estimates for 2 Paralle			G	94%	0%	1%	1%	4%	0%	F	NA			106000	G
	Combined Traine Estimates for 21 arang	East I-664 is				070	1 70	1 70	770	070	•	14/-1			100000	O
					1100+											
East	To; From:	7	Terminal Av	e												
664 Monitor Merrimac Memorial	I Bridge Tunnel City of Newport News	s (Maint: 99) 2.84	27000	Α	94%	0%	1%	1%	3%	0%	F	0.118	Α		28000	Α
30.)	Combined Traffic Estimates for 2 Paralle		56000	Α	94%	0%	1%	1%	4%	0%	F	NA			59000	Α
		East I-664 is			h I-664											
	To:		WCL Suffoll													
Mont	From:		CL Hampto													
West 664) Hampton Roads Beltway	City of Newport News		36000	G	94%	0%	1%	1%	4%	0%	F	NA			36000	G
664) Transfort Roads Bellway	Combined Traffic Estimates for 2 Paralle	,		G	94%	0%	1%	1%	4%	0%	, E	NA			65000	G
	Compined Hamic Estimates for 2 Paralle	*				U70	170	1 70	470	U-70	Г	INA			00000	G
	T	West I-664 is														
	10:	Roanoke	Avenue; Ch	nestnut S	t											

Route	Jurisdictio	n Length	AADT	QA	4Tire	Buc		Tru	ck		QC	K	QK	Dir	AAWDT	OW
Noute	Julisaictio	ii Lengui	AADI	QА	41116	Dus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QI	Factor	AAWDI	QVV
West	From:	Roanol	e Ave; Che	stnut St												
664 Hampton Roads Beltway	City of Newport News	s (Maint: 99) 0.78	33000	G	94%	0%	1%	1%	4%	0%	F	NA			39000	G
	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	68000	G	94%	0%	1%	1%	4%	0%	F	NA			98000	G
		West I-664 is	s signed a	s Nort	h I-664											
West	To: From:	SR 143 J	efferson Av	e; 35th S	t		$\Box$ $\vdash$									
(664) Hampton Roads Beltway	City of Newport News	s (Maint: 99) 1.41	27000	G	94%	0%	1%	1%	4%	0%	F	NA			36000	G
	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	47000	G	94%	0%	1%	1%	4%	0%	F	NA			106000	G
		West I-664 is	s signed a	s Nort	h I-664											
West	To:	7	Terminal Av	re e												
West 664 Monitor Merrimac Memorial	Bridge Tunnel City of Newport News	s (Maint: 99) 2.93	29000	Α	94%	0%	1%	1%	4%	0%	F	0.109	Α		31000	Α
	Combined Traffic Estimates for 2 Paralle	el Roadways on this Route:	56000	Α	94%	0%	1%	1%	4%	0%	F	NA			59000	Α
		West I-664 is	s signed a	as Nort	h I-664											
	To:	7	WCL Suffoll	k												
West	From:	I	-664 WB N	В												
(664) I-664 WB (NB) Exit 7 Ramp	City of Newport News	s (Maint: 99) 0.26	NA									NA			NA	
$\smile$	To:	7	Terminal Av	re												

					(	City of IN	ewport News								
Route	Length	AADT	QA	4Tire	Bus		Truck 3+Axle 1Trail		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Newport News		From:	:		S	R 173: 12	I-19 Richneck Rd			1					
F141)	0.08	NA				10175, 121	1) Ideimeek Id			NA			NA		
<u> </u>		To				Do	ead End								
<u> </u>		From:					ington Ave							_	
(1) 25th St	0.12	2100	G	95%	4%	1%	0% 0%	0%	С	0.091	F	0.648	2300	G	2009
		From:					wick Blvd								
2) 26th St	0.10	5400	G	95%	4%	1%	ington Ave 0% 0%	0%	F	0.158	F		5900	G	2009
2) 26th St	0.10	To:		3370	770		wick Blvd	070	<u> </u>	0.150	•		3300	J	2003
		From:					)4 28th Street								
3) 27th St	0.14	2100	G	97%	0%	2%	0% 0%	0%	F	0.111	F	0.64	2300	G	2009
		To:			121-	7013; 1SR	143-P Jefferson Av	e							
_		From:				US 60; V	Warwick Blvd								
Oyster Point Rd	1.04	44000	G	98%	0%	1%	0% 0%	0%	С	0.081	F	0.596	48000	G	2009
		To:	<u> </u>				Jefferson Ave								
25th Ct	0.04	From:	<u> </u>	000/	00/		ington Ave	00/			_		000	_	2000
5 35th St	0.24	820 To:	G	98%	0%	1%	0% 0% 50 Parallel	0%	F	0.245	F		890	G	2009
		From:	<u></u>				e Rd; Terrace Dr			<u> </u>					
6 Hampton Roads Center	0.63	21000	N	99%	0%	Harpersvill 0%	0% 0%	0%	N	0.118	N	0.549	23000	N	2009
U TITLE TO THE TOTAL TOTAL TO THE TOTAL TO T		To-					. Hampton								
		From:	:			Wash	ington Ave								
7 49th St	0.24	1600	G	94%	5%	1%	0% 0%	0%	С	0.145	F		1700	G	2009
		To:				Hunt	ington Ave								
_		From:				Wash	ington Ave								
8) 50th St	0.11	1500	G	90%	6%	3%	0% 0%	0%	С	0.167	F		1600	G	2009
_		To: From:				US 60, H	Iuntington Ave								
8) 50th St	0.11	660	G	90%	6%	3%	0% 0%	0%	F	0.179	F		710	G	2009
<u> </u>		To:	<u> </u>		U	S 60 Parall	el, Warwick Blvd								
O		From:	<u> </u>	2=2/			5Th St				_				
Washington Ave	1.24	5400 To:	G	95%	3%	1%	0% 0%	0%	С	0.121	F	0.839	5900	G	2009
		From:	<u> </u>				0Th St			<u> </u>					
10 Beechmont Dr	1.16	4200	G	98%	0%	м 1%	oyer Rd 0% 0%	0%	С	0.087	F	0.629	4600	G	2009
Beechmont Dr	1.10	<b>4200</b> To:		30 70	070		s Creek Dr	078		0.007	'	0.029	4000	J	2003
<u> </u>		From:				Lucas	s Creek Rd								
10) Beechmont Dr	0.24	7900	G	98%	0%	1%	0% 0%	0%	F	0.083	F	0.602	8500	G	2009
<u> </u>		To:	<u>1</u>			War	wick Blvd								
<u> </u>		From:		000			chville Rd	-		2.25	_	0.05=	400	_	
11) Boxley Blvd	0.81	11000 To:	G	99%	0%	1%	0% 0%	0%	С	0.089	F	0.606	12000	G	2009
							Warwick Blvd								
(12) Canon Blvd	1.60	15000	G	98%	0%	Thimble 1%	Shoals Blvd 0% 1%	0%	С	0.095	F	0.678	17000	G	2009
(12) Canon Blvd	1.00	To-		90 /0	0 /0		Dyster Point Rd	0 /6		0.093		0.076	17000	G	2009
		From:					Morris Blvd			i					
13) Diligence Dr	0.44	11000	G	99%	0%	1%	0% 0%	0%	С	0.095	F	0.5	12000	G	2009
		To:					e Shoals Blvd								
		From:				Luca	s Creek Rd								
14) Eastwood Dr	1.36	3300	G	99%	0%	1%	0% 0%	0%	F	0.093	F	0.625	3600	G	2009
$\bigcirc$		To:					olony Dr								
14) Eastwood Dr	0.44	7600	G	99%	0%	1%	olony Rd 0% 0%	0%	С	0.091	F	0.600	8200	G	2009
14) Eastwood Dr	0.44	7600 To:	<u> </u>	JJ /0	0 /0		wick Blvd	U /0		0.031	I.	0.609	0200	3	2009
		From:					nandy Lane								
$\sim$			<u> </u>				andy Lanc							_	0000
(15) Maxwell Ln	0.62	5300	G	99%	0%	0%	0% 0%	0%	С	0.087	F	0.562	5800	G	2009

					(	City of Newport N	ews								
Route	Length	AADT	QA	4Tire	Bus	Tru 2Axle 3+Axle		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Newport News															
16 McManus Blvd	1.04	10000 To-	G	99%	0%	Bland Blvd 0% 0% Denbigh Blvd	0%	0%	С	0.094	F	0.627	11000	G	2009
		From:				Jefferson Ave				1					
17 Middle Ground Blvd	0.64	8300 To:	G	98%	1%	1% 0% Canon Blvd	1%	0%	С	0.094	F	0.503	9000	G	2009
		From:				Denbigh Blvd									
18) Moyer Rd	0.54	<b>2600</b> To:	G	99%	0%	0% 0% Beechmont Dr	0%	0%	С	0.098	F	0.584	2900	G	2009
		From:				Denbigh Blvd									
19 Richneck Rd	0.96	3100	G	98%	1%	0% 0%  Jefferson Ave	0%	0%	С	0.095	F	0.755	3400	G	2009
(19) Richneck Rd	1.54	4500 From:	G	98%	1%	0% 0%	0%	0%	F	0.104	F	0.606	4800	G	2009
		To:				York County Line	)								
		From:				Mercury Blvd									
(20) River Rd	0.74	470	G	98%	1%	1% 0%	0%	0%	С	0.099	F	0.793	510	G	2009
		To:	<u> </u>			Huntington Ave									
21 Shoe Ln	0.78	From: <b>5900</b>	G	99%	0%	Country Club Rd	0%	0%	С	0.086	F	0.662	6400	G	2009
(21) Shoe Ln	0.10	<b>5900</b> To:		JJ 70	U /0	Warwick Blvd	U /0	U /0	U	0.000	Г	0.002	0400	G	2009
		From:				Jefferson Ave				<u> </u>					
(22) Thimble Shoals Blvd	0.91	15000	G	99%	1%	0% 0%	0%	0%	С	0.094	F	0.526	16000	G	2009
		To:				Pilot House Dr									
Thimble Cheele Dlud	0.07	From:	<u> </u>	000/	10/	Pilot House Rd	00/	00/		0.100	_	0.724	0700	_	2000
(22) Thimble Shoals Blvd	0.27	9000 To:	G	98%	1%	1% 0% US 17 J Clyde Morris	0% Blvd	0%	С	0.109	F	0.734	9700	G	2009
		From:				Jefferson Ave	Divu								
(7000) 16th St	0.90	5000	G	93%	1%	1% 5%	0%	0%	С	0.077	F	0.527	5500	G	2009
(7000)		To				Chestnut Ave									
(7000) Chesapeake Ave	1.05	1300 From:	G	93%	1%	1% 5%	0%	0%	F	0.092	F	0.594	1400	G	2009
(7000)		To:				SCL Hampton									
		From:				West Ave									
(7002) 23rd St	0.22	2900	G	97%	1%	1% 0%	0%	0%	С	0.188	F	0.985	3100	G	2009
		To: From:				US 60 Huntington A	ve			$\neg$ —					
(7002) 23rd St	0.21	7800	G	97%	1%	1% 0%	0%	0%	F	0.178	F	0.512	8500	G	2009
		To:				US 60 Par 25th S	t								
		From:				Huntington Ave									
(7004) 28th St	0.34	3100	G	97%	0%	2% 0%	0%	0%	С	0.095	F	0.512	3300	G	2009
<u> </u>		To:				Jefferson Ave									
244 04	0.07	From:	<u> </u>	070/	00/	Washington Ave		00/			_		4400	_	2000
(7006) 34th St	0.07	1100		97%	0%	2% 0%	0%	0%	F	0.115	F		1100	G	2009
244 04	0.40	From:	<u> </u>	070/	00/	US 60 Warwick Bl		00/		0.440	_		4000		2000
(7006) 34th St	0.13	1100 To:	G	97%	0%	2% 0% US 60 Par 34th S	0%	0%	F	0.113	F		1200	G	2009
F		From:	1												
East (7006) Ramp to I-664 at Exit 5	0.18	NA				US 60 WB; 34th S	ot			NA			NA		
		To				Ramp to I-664 EB (S	SB)								
		From				Colony Rd							•		
(7007) Lucas Creek Rd	1.39	3500	G	99%	0%	0% 0%	0%	0%	С	0.092	F	0.526	3800	G	2009
$\bigcirc$		To:				Youngs Rd									
Lucas Crook Bd	1 10	From:	<u> </u>	000/	00/	Denbigh Blvd	00/	00/		0.000	_	0.526	EGOO	_	2000
(7007) Lucas Creek Rd	1.13	5200 To:	G	99%	0%	0% 0% Colony Rd	0%	0%	F	0.090	F	0.536	5600	G	2009
		From													
(7008) 39th St	0.23	2400	G			Washington Ave				0.126	F	0.644	2600	G	2009
(7008) 39th St	0.20	00	Ť			Huntington Ave				1	•	0.011	2000	9	2000

					'	City of iv	lewport N	iews								
Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Newport News		F														
(7010) 48th St	0.16	3100	G	95%	1%	Jeff 2%	erson Ave 1%	1%	0%	F	0.08	F	0.727	3300	G	2009
(7010) 48th St	0.16	4500 From	G	95%	1%	2%	1%	1%	0%	С	0.076	F	0.641	4900	G	2009
(7010) 48th St	0.59	3500 From	G	89%	1%	1%	rshall Ave 7%	1%	0%	С	0.085	F	0.542	3800	G	2009
		From					stnut Ave									
7011) Orcutt Ave	0.37	1300	G	99%	0%	1%	0%	0%	0%	F	0.101	F	0.526	1400	G	2009
7011) Orcutt Ave	0.56	1500 To	G	99%	0%	1%	Paul St 0% CLHampton	0%	0%	С	0.099	F	0.509	1600	G	2009
		From					erson Ave				Ī					
7012) Briarfield Rd	1.17	7800	G	97%	1%	1%	0%	1%	0%	С	0.087	F	0.528	8500	G	2009
$\smile$		To				SWC	L Hamptor	1								
7013) Jefferson Ave	0.05	12000	G	98%	0%	121-3; 1%	27Th Stre	0%	0%	F	0.073	F	0.507	13000	G	2009
<u> </u>		To From					50, 25th St									
7013) Jefferson Ave	0.55	12000 To	G	97%	1%	1%	1% 16th St	1%	0%	С	0.077	F	0.505	13000	G	2009
7015) Marshall Ave	0.69	5500	G	98%	1%	1%	25th St 0%	0%	0%	F	0.065	F	0.587	6000	G	2009
7013		To					39th St									
Marshall Ave	1.08	6400 From	G	98%	1%	1%	0%	0%	0%	С	0.09	F	0.516	7000	G	2009
7015) Marshall Ave	1.03	5600	G	98%	1%	1%	chard Ct 0%	0%	0%	F	0.091	F	0.503	6100	G	2009
7013)		То		0070	.,,		L Hamptor		0,70			•	0.000	0.00		
		From				1	6Th St									
Roanoke Ave	1.21	3100	G	99%	0%	1%	0%	0%	0%	F	0.078	F	0.531	3400	G	2009
7017) Roanoke Ave	1.16	75 From <b>2400</b>	G	99%	0%	1%	I-664 0%	0%	0%	С	0.093	F	0.622	2700	G	2009
(7017) Roanoke Ave	1.10	<b>2-700</b>		0070	070			070	070			•	0.022	2700	Ü	2000
7017) Roanoke Ave	0.93	3000 From	G	99%	0%	1%	arfield Rd 0%	0%	0%	F	0.09	F	0.595	3300	G	2009
		To				SWC	L Hamptor	1								
$\widehat{}$		From					60 25th St									
Chestnut Ave	0.80	5500	G	97%	0%	1%	1%	0%	0%	С	0.081	F	0.556	6000	G	2009
7019) Chestnut Ave	1.08	7000	G	99%	0%	1%	I-664 0%	0%	0%	F	0.09	F	0.584	7600	G	2009
7019 Chestnut Ave	1.00	7000		99 /0	0 /0			0 /0	0 /0		0.09		0.364	7000	G	2009
7019) Chestnut Ave	0.95	7200	G	99%	0%	1%	arfield Rd 0%	0%	0%	С	0.089	F	0.539	7900	G	2009
7019		То					L Hamptor									
		From				Jeff	erson Ave									
7027 Harpersville Rd	1.00	19000	G	99%	0%	0%	0%	0%	0%	F	0.098	F		20000	G	2009
<u> </u>		From					Expressway				<u> </u>					
Harpersville Rd	1.77	9200 <sub>ть</sub>	G	99%	0%	0% Sai	0% inders Rd	0%	0%	С	0.107	F	0.559	9900	G	2009
		From					; Canon Bl	vd			_					
Old Oyster Point Rd	0.67	5500	G			121-12	, canon Di				0.097	F	0.599	5900	G	2009
		To.				Loch	aven Drive				<u> </u>					
7034) Old Oyster Point Rd	0.64	5700 From	G	98%	0%	1%	0%	0%	0%	С	0.096	F	0.511	6200	G	2009
$\overline{}$		To From					ton Lane									
7034) Old Oyster Point Rd	0.18	8100	G	98%	0%	1%	gton Lane 0%	0%	0%	F	0.090	F	0.511	8800	G	2009
,		To					lyde Morri									

Route	Length	AADT	QA	4Tire	Bus		Truc 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Newport News		From	.1		,			D1 1			-					
Harpersville Rd	0.53	10000	G	98%	0%	US 17; J C 1%	O%	Blvd 0%	0%	F	0.097	F	0.517	11000	G	2009
7034) Saunders Rd	0.76	From 8200	G	99%	0%	1%	oersville Rd 0%	0%	0%	С	0.103	F	0.52	8900	G	2009
<u> </u>		To	<u> </u>				CL Hampton									
7036) Blount Point Rd	0.68	2200	G	99%	0%	Bever	ly Hills Blvd 0%	0%	0%	С	0.097	F	0.589	2300	G	2009
		To From	·				on Ave Nortl									
7036) Hiden Blvd	0.85	7400	G	99%	0%	Madiso 0%	on Lane Nort  0%	h 0%	0%	F	0.098	F	0.690	8000	G	2009
		To	:			War	rwick Blvd									
		From				Norn	nandy Lane									
Deep Creek Rd	1.09	3700	G	97%	1%	2%	0%	0%	0%	С	0.092	F	0.564	4000	G	2009
<u> </u>		То					rwick Blvd									
Odony Rd	0.50	1700	G	96%	1%	Не 2%	ertzler Rd 0%	0%	0%	С	0.095	F	0.658	1800	G	2009
Colony Rd	0.50	1700		90%	170			0%	0%		0.095	Г	0.000	1000	G	2009
(7040) Colony Rd	1.52	7400	G	96%	1%	Luca 2%	s Creek Rd	0%	0%	F	0.102	F	0.689	8000	G	2009
Colony Rd	1.02	7 <b>400</b>	:	30 70	1 /0		Warwick Blv		076	'	0.102	'	0.009	0000	G	2003
		From	:				nbigh Blvd									
Old Denbigh Blvd	0.61	7400	G	97%	1%	1%	0%	0%	0%	С	0.096	F	0.586	8000	G	2009
		To				York	County Line									
		From				US 60 V	Warwick Blv	ď								
04) Bland Blvd	0.93	30000	G	99%	0%	0%	0%	0%	0%	С	0.085	F	0.565	33000	G	2009
		To From				SR 143	Jefferson Av	/e								
Bland Blvd	0.49	16000	G	99%	0%	0%	0%	0%	0%	F	0.084	F	0.519	17000	G	2009
<u> </u>		To	:			McN	Manus Blvd									
North	0.00	From	:	Terminal Ave												
						1 (1)	minal Ave				<del></del>					
Ramp From Terminal A	Av 0.23	NA To									NA			NA		
Ramp From Terminal A	Av 0.23	То				I-66	64 WB NB				NA			NA		
	Av 0.23	To				I-66										2000
Ramp From Terminal A	Av 0.23	То	G			I-66 Roa	54 WB NB anoke Ave				NA 0.080	F		NA 2300	G	2009
	Av 0.23	To	G			I-66 Roa Or	54 WB NB nnoke Ave					F			G	2009
35th St	Av 0.23	From 2100  To	G			I-66 Roa Or	54 WB NB anoke Ave				0.080	F		2300	G G	
	Av 0.23	From <b>2100</b>	G			I-666 Roa Or Che	54 WB NB nnoke Ave									
35th St	Av 0.23	2100 To From 1900	G			I-66 Roa Or Che	anoke Ave rcutt Ave				0.080			2300		
35th St	Av 0.23	2100 To From 1900 To	G			I-66 Roa Or Che	anoke Ave rcutt Ave estnut Ave  Market Dr				0.080		0.546	2300		2009
35th St 79th St	Av 0.23	2100 To From 1900 To From From 1900	G			I-66 Roz Or Che	anoke Ave rcutt Ave estnut Ave  Market Dr				0.080	F	0.546	2300	G	2009
35th St 79th St Arline Dr	Av 0.23	2100 To  From 1900 To  From 80 To	G			I-660 Roa Or Che New C	54 WB NB anoke Ave rcutt Ave estnut Ave W Market Dr Grant Dr				0.080 0.094 0.118	F F		2300 2000 90	G G	2009
35th St 79th St	Av 0.23	2100 To To To To From 1900 To From 80 From 70 From 380	G G			I-660 Roa Or Che New C Lak	anoke Ave rcutt Ave estnut Ave Market Dr Grant Dr teshore Dr twn Lane				0.080	F	0.546	2300	G	2009
35th St 79th St Arline Dr	Av 0.23	From 2100 To From 80 To From 380 To	G			I-66 Roa On Che New C Lak Fa	anoke Ave rcutt Ave estnut Ave  Market Dr Grant Dr exeshore Dr				0.080 0.094 0.118	F F		2300 2000 90	G G	2009
35th St  79th St  Arline Dr  Atkins Ln	Av 0.23	From 2100 To From 80 To From 380 To From From 5 To From	G G G			I-66 Roa On Che New C Lak Fa	anoke Ave rcutt Ave estnut Ave Market Dr Grant Dr teshore Dr twn Lane				0.080 0.094 0.118 0.101	F F	0.512	2300 2000 90 410	G G	2009
35th St 79th St Arline Dr	Av 0.23	From 2100 To From 80 To From 380 To	G			I-66 Roa On Che New C Lak Fa Oyste	anoke Ave rcutt Ave estnut Ave  Market Dr Grant Dr exeshore Dr				0.080 0.094 0.118	F F		2300 2000 90	G G	2009
35th St  79th St  Arline Dr  Atkins Ln	Av 0.23	From 1900 To From 380 To From 1600 To	G G G			I-660 Roa Or Che New C Lak Fa Oyste	anoke Ave reutt Ave estnut Ave Market Dr Grant Dr teshore Dr twn Lane er Point Rd eep Creek				0.080 0.094 0.118 0.101	F F	0.512	2300 2000 90 410	G G	2009
35th St  79th St  Arline Dr  Atkins Ln  Barclay Rd	Av 0.23	From 2100 To From 80 To From 1600 To From 16	G G G			I-660 Roa Or Che New C Lak Fa Oyste	anoke Ave rcutt Ave estnut Ave  Market Dr Grant Dr exeshore Dr				0.080 0.094 0.118 0.101	F F	0.512	2300 2000 90 410 1800	G G G	2009 2009 2009 2009
35th St  79th St  Arline Dr  Atkins Ln	Av 0.23	From 1900 To From 380 To From 1600 To	G G G G			I-660 Roa Or Che New C Lak Fa Oystr De S Hen	anoke Ave reutt Ave estnut Ave Market Dr Grant Dr teshore Dr twn Lane er Point Rd eep Creek				0.080 0.094 0.118 0.101	F F	0.512	2300 2000 90 410	G G	2009 2009 2009 2009
35th St  79th St  Arline Dr  Atkins Ln  Barclay Rd	Av 0.23	From 2100 To From 80 To From 380 To From 1600 To From 5100	G G G G			I-660 Roa On Che New Co Lak Fa Oyst De S Hen	anoke Ave reutt Ave estnut Ave Market Dr Grant Dr teshore Dr twn Lane er Point Rd eep Creek Steffi Pl try Clay Rd				0.080 0.094 0.118 0.101	F F	0.512	2300 2000 90 410 1800	G G G	2009 2009 2009 2009
35th St  79th St  Arline Dr  Atkins Ln  Barclay Rd	Av 0.23	From 2100 To From 80 To From 1600 To From 5100 To From 2200	G G G G G G			I-660 Roa On Che New Co Lak Fa Oyst De S Hen	anoke Ave reutt Ave estnut Ave Market Dr Grant Dr teshore Dr twn Lane er Point Rd teep Creek Steffi Pl try Clay Rd				0.080 0.094 0.118 0.101	F F	0.512	2300 2000 90 410 1800	G G G	2009 2009 2009 2009
35th St  79th St  Arline Dr  Atkins Ln  Barclay Rd  Beech Dr	Av 0.23	From 2100 To From 80 To From 1600 To From 5100 To From 5700 To From 57	G G G G G G			I-660 Roa Or Che New CC Lak Fa Oyste De S Hen Tea	anoke Ave reutt Ave estnut Ave Market Dr Grant Dr teshore Dr twn Lane er Point Rd teep Creek Steffi Pl try Clay Rd				0.080 0.094 0.118 0.101 0.104	F	0.512	2300 2000 90 410 1800	G G G	2009 2009 2009 2009
35th St  79th St  Arline Dr  Atkins Ln  Barclay Rd  Beech Dr  Bruton Ave	Av 0.23	From 1900 To From 380 To From 5100 To From 22000 To From 5 From 22000 To From 5	G G G G G			I-66 Roa On Che New C Lak Fa Oyste De S Hen Tea Bu	anoke Ave reutt Ave estnut Ave Market Dr Grant Dr teshore Dr twn Lane er Point Rd teep Creek Steffi Pl try Clay Rd turns Ave				0.080 0.094 0.118 0.101 0.104 NA 0.101	F	0.512	2300 2000 90 410 1800 5500	G G G G	2009 2009 2009 2009 2009
35th St  79th St  Arline Dr  Atkins Ln  Barclay Rd  Beech Dr	Av 0.23	From 2100 To From 380 To From 5100 To From 2200 To From 5600	G G G G G G			I-66 Roa On Che New C Lak Fa Oyste De S Hen Tea Cou	anoke Ave recutt Ave restnut A				0.080 0.094 0.118 0.101 0.104	F	0.512	2300 2000 90 410 1800	G G G	2009 2009 2009 2009 2009
35th St  79th St  Arline Dr  Atkins Ln  Barclay Rd  Beech Dr  Bruton Ave	Av 0.23	From 1900 To From 380 To From 5100 To From 2200 To From 56000 To To From 56000 To From	G G G G G			I-66 Roa On Che New C Lak Fa Oyste De S Hen Tea Cou	anoke Ave recutt Ave restnut Ave				0.080 0.094 0.118 0.101 0.104 NA 0.101	F	0.512	2300 2000 90 410 1800 5500	G G G G	2009 2009 2009 2009 2009
79th St  Arline Dr  Atkins Ln  Barclay Rd  Beech Dr  Bruton Ave	Av 0.23	From 2100 To From 380 To From 5100 To From 2200 To From 5600	G G G G G			I-66 Roa On Che New C Lak Fa Oyste De S Hen Tea Bt	anoke Ave recutt Ave restnut A				0.080 0.094 0.118 0.101 0.104 NA 0.101	F	0.512	2300 2000 90 410 1800 5500	G G G G	2009 2009 2009 2009 2009 2009 2009

					City of Newport News							
Route	Length AADT	QA	4Tire	Bus	Truck 2Axle 3+Axle 1Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Yea
v of Newport News	From				Olive Dr		1					
Chatsworth Dr	1300	G			Olive Bi		0.092	F	0.723	1400	G	200
	To				Eubank Cir							
	From				Tanbark Dr							
Dresden Dr	1900	G					0.092	F	0.539	2100	G	200
	To				Almond Dr							
	From				Shellby Dr		<u> </u>					
Etna Dr	440 <sub>To</sub>	G			Beechment Dr		NA			440	G	200
	From						1					
Garrow Rd	1200	G			Denbigh Blvd		NA			1200	G	200
Garrow Ru	1200 To				Virginia Dr					1200	G	200
	From				W. Carolyn Rd							
Glendale Rd	620	G			w. Caroryn Ku		0.104	F	0.543	670	G	200
	To				E. Carolyn Rd			-			_	
	From				Tabbs Lane							
Gwynn Cir	1600	G					NA			1600	G	200
	То				Fischer Dr							
	From				Roanoke St							
Hampton Ave	1500	G					0.079	F	0.531	1600	G	200
	To				Orcutt Ave							
	From				Crestwood Dr							
King wood Dr	340	G					0.11	F	0.534	370	G	200
	To				Ross Dr							
Lakeshore Dr	From				Warren Dr							
	1600	G					0.092	F	0.648	1700	G	200
	117				Sandra Dr							
Lauisa Dr	From	<u> </u>			Bayberry Dr		0.003	_		2200	G	200
Louise Dr	<b>2000</b>	G			Cloverleaf Lane		0.093	F		2200	G	200
	From	I					1					
Madison Ave	1400	G			48th St		0.068	F	0.511	1600	G	200
Madiooniii	To				49th ST		0.000		0.011	1000	Ŭ	
	From				Hampton Ave							
Madison Ave	2000	G					0.077	F	0.547	2100	G	200
	To				21St Street 30Th Street							
Madison Ave	1900	G			50111 Street		0.075	F	0.544	2100	G	200
	То				31St Street			-	0.0	2.00		_00
	From				Walnut Grove							
Madison Ln	3400	G					0.095	F		3700	G	200
	To				Crittenden St							
	From				River Rd							
Main St	1300	G					0.088	F	0.525	1400	G	200
	To				Palen Ave							
	From				Ronald Dr							
Menchville Rd	2400	G					NA			2600	G	200
	To From				Bernard Dr							
Menchville Rd	9100	G			Nicewood Dr		NA			10000	G	200
	To	Ť			Youngs Rd		¬į́′`			.5000	9	200
	From				Lakeside Dr							
Museum Dr	1800	G					NA			1800	G	200
	То				US 60 Warwick Blvd							
	From				Anderson Cir							
N Madison Lane	2600	G					0.095	F	0.633	2900	G	200
	To				Cameron Dr							

					City of Newport News							
Route	Length AADT	QA	4Tire	Bus	Truck2Axle 3+Axle 1Trail 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
of Newport News	From				30th St		1					
Oak Ave	1200	G			50th 5t		0.08	F	0.641	1300	G	2009
	To				31st St							
Oals Assa	From	<u> </u>			Hampton Ave		0.075	F	0.524	2200	_	2000
Oak Ave	2100 <sub>то</sub>	G			31st St		0.075	Г	0.531	2300	G	2009
	From				Warwick Blvd							
Old Courthouse Way	7800	G			Walwick Divu		NA			8500	G	2009
ora obaranouse ir ay	То	Ť			Hustings Lane		Ti i			0000		
	From				30Th Street							
Orcutt Ave	970	G					0.093	F	0.538	1100	G	200
	То				31St Street							
	From				Warwick Blvd							
Oriana Rd	9300	G					NA			10000	G	200
	То				Denbigh Blvd							
	From				Denbigh Blvd							
Ridgewood Pkwy	2700	G					0.093	F	0.515	2900	G	200
	То				Balthorpe Rd							
	From				SR 143		<u> </u>					
Rt 143 Airport Lot	NA To		**		William I. V. C. C.		NA			NA		
		1	Ne	wport Ne	ews Williamsburg International Airport							
Snidow Blvd	From <b>5200</b>	G			Warwick Blvd		NA			5700	G	200
	5200 To				Barron Dr					3700	G	200
	From						+					
Spaulding Dr	420	G			Denbigh Blvd		NA			420	G	200
	To	Ť			Keswick Cir		<b>–</b>			120	Ū	200
	From				Marvin Dr							
Stanley Dr	970	G			man bi		0.100	F	0.6	1100	G	200
	То				Mckinley Dr							
	From				Wendfield Cir							
Traverse Rd	1300	G					0.114	F		1400	G	200
	То				Bayberry Dr							
	From				Warwick Blvd							
W Lucas Creek Rd	1900	G					0.092	F	0.556	2000	G	200
	То				Hughes St							
	From				Lakeshore Dr							
Warren Dr	60 To	G					NA			60	G	200
					Linda Dr							
Wollo Dd	From	<u> </u>			Mac Neil Dr		0.407	_	0 5 4 4	160	_	200
Wells Rd	150 <sub>то</sub>	G			Deep Spring Dr		0.107	F	0.541	160	G	200
	From	! :										
Wickham Ave	2900	G			Hampton Ave		0.082	F	0.549	3100	G	200
Wickilaili Ave	<b>2900</b> To				21st St		0.062		0.549	3100	G	200
	From				30th Street							
Wickham Ave	2000	G					0.083	F	0.632	2200	G	200
	То				31St Street							
	From				Hemlock Rd							
Willow Dr	1200	G					0.08	F	0.555	1300	G	200
	То	<u></u>			Latham Dr							
	From				Richneck Rd							
Woodside Ln	2700	G					0.098	F		2900	G	200
	To From				Aspen Dr		-					
Woodside Ln	6000	G			Jouett Dr		NA			6600	G	200
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