2012

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

where available

Jurisdiction Report 94

City of Newport News

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.

2012 Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

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17 (143) Jefferson Ave	City of Newport News	1.69		G	98%	1%	1%	0%	0%	0%	С	NA			50000	G
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17 (143) Jefferson Ave	City of Newport News		Clyde Morris		90%	070	0%	170	170	0%	Г	0.067	Г	0.527	32000	G
	From:		13 Jefferson Av													
17 J Clyde Morris Blvd	City of Newport News	1.28			98%	0%	0%	1%	1%	0%	F	0.074	F	0.593	37000	G
	To		I-64													
17 J Clyde Morris Blvd	City of Newport News	0.80		G	98%	1%	0%	0%	0%	0%	F	0.078	F	0.569	42000	G
17) o Olyde Moris Bivd	Oity of Newport News				3070	1 /0		070	070	070		0.070	'	0.505	42000	J
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	From:	James	City County Li	ine												
60 Warwick Blvd	City of Newport News	1.70	10000	G	93%	2%	1%	1%	3%	0%	F	0.088	F	0.538	11000	G
	To-	v	orktown Rd													
60 Warwick Blvd	City of Newport News	1.61		G	94%	0%	1%	3%	2%	0%	С	0.086	F	0.518	15000	G
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2012 Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

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60 Huntington Ave	City of Newport		5000	G	98%	0%	1%	0%	0%	0%	F	0.144	F		5300	
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60 (25th St	City of Newport			-							-					
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2012 Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

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C.	Combined Traffic Estimates for 2 Paralle	el Roadways on this Ro	ute: 4600	G	94%	4%	1%	0%	0%	0%	F	NA			4900	G
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Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

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Route	Jurisdiction	Length A	AADT QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
East	From:	WCL N	Newport News												
East 64	City of Newport News (Maint:	99) 1.32 4	40000 G	95%	0%	1%	1%	3%	0%	F	0.073	F		41000	G
\bigcirc	Combined Traffic Estimates for 2 Parallel Roadwa	ays on this Route: 7	79000 G	95%	0%	1%	1%	3%	0%	F	0.071	F	0.527	81000	G
Fact	To: From:	SR 238	Yorktown Rd												
East 64	City of Newport News (Maint:	99) 2.04 4	43000 G	95%	0%	1%	1%	3%	0%	F	0.074	F		44000	G
	Combined Traffic Estimates for 2 Parallel Roadwa	ays on this Route: 8	86000 G	95%	0%	1%	1%	3%	0%	F	0.069	F	0.536	88000	G
	Too	SR 105 I	Ft Eustis Blvd												
East (64)	City of Newport News (Maint:		48000 G	95%	0%	1%	1%	3%	0%	_	0.076	F		49000	G
64	City of Newport News (Maint. Combined Traffic Estimates for 2 Parallel Roadwa	•		95% 95%	0%	1%	1%	3%	0%	F	0.073	F	0.513	96000	G
	Tollioned Traine Estimates for 21 araile Roadwa			9376	070	170	1 /0	370	0 70	'	0.073	'	0.515	30000	G
East 64	From:		Jefferson Ave												
64	City of Newport News (Maint:	,	58000 G	95%	0%	1%	1%	3%	0%	F	0.074	F		59000	G
· ·	Combined Traffic Estimates for 2 Parallel Roadwa	ays on this Route: 11	16000 G	95%	0%	1%	1%	3%	0%	F	0.074	F	0.515	119000	G
East	To: From:	SR 171 C	Oyster Point Rd												
East 64	City of Newport News (Maint:	99) 1.81 6	65000 A	95%	0%	1%	1%	3%	0%	С	0.091	Α		67000	Α
	Combined Traffic Estimates for 2 Parallel Roadwa	ays on this Route: 12	29000 A	95%	0%	1%	1%	3%	0%	С	0.088	Α	0.536	132000	Α
Foot	To: From:	US 17 J Cl	lyde Morris Blvd												
East (64)	City of Newport News (Maint:	99) 1.06 7	76000 G	95%	0%	1%	1%	3%	0%	F	0.078	F		78000	G
(4)	Combined Traffic Estimates for 2 Parallel Roadwa	•	51000 G	95%	0%	1%	1%	3%	0%	F	NA			155000	G
	To:		L Hampton												
East	From:	I-64-E TO RT 105-FO		ULEVARI	D										
(64) Ramp	City of Newport News (Maint:	•	NA								NA			NA	
	To:		ROM I-64 EAST												
East (64) Ramp	City of Newport News (Maint:	I-64-E TO RT 105-FOI 99) 0.19	NA NA	ULEVARI	D						NA			NA	
64 Ramp	City of Newport News (Maint.	SR 105 SR 105-W		OM I-64							INA			INA	
East	From:	I-64-E TO RT 143 SOL			TT.										
East (64) Ramp	City of Newport News (Maint:		NA	JI II V LIV	0						NA			NA	
• •	To:	· ·	ROM I-64 EAST												
East	From:	I-64-E TO RT 143 NO.	ORTHOO- JEFFEI	RSON AV	Е										
(64) Ramp	City of Newport News (Maint:	· ·	NA								NA			NA	
$\overline{}$	То:	SR 143 FR	ROM I-64 EAST												
East	From:	I-64-E BEGIN COLLE		0- RT 143	J										
East 64 Ramp	City of Newport News (Maint:	99) 0.27	NA								NA			NA	
East	To: From:	I-64-E255A TO ROUT	TE 14300- JEFFI	ERSON AV	V										
(64) Ramp	City of Newport News (Maint:	99) 0.07	NA								NA			NA	
• •	To:	SR 143-S018A FROM F	ROUTE 14300- J	EFFERSC)N										
·		·	·												

2012 Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

Route	Jurisdiction	Length AADT	QA	4Tire	Bus		True 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW
East	From: SI City of Newport News (Maint: 99)	143-S018A FROM ROUTE 0.21 NA	E 14300- J	EFFERSO	N						NA			NA	
Ramp											INA			NA	
East	FIOII:	-64-E255B TO ROUTE 1430	00- JEFFI	ERSON AV	<u>'</u>										
64 Ramp	City of Newport News (Maint: 99)	0.07 NA 143-N018A FROM ROUT	E 1/300	IEEEEDSO	N						NA			NA	
East	From:	SR 143		JEITERSO	11										
(64) Ramp	City of Newport News (Maint: 99)										0.075	F		19000	G
	To:	I-64 Eas													
East		-64-E TO RT 171 WEST-O	YSTER P	OINT ROA	1						NIA			NIA	
64 Ramp	City of Newport News (Maint: 99)	0.36 NA SR 171 FROM I-	64 EAST			1					NA			NA	
East	From:	64-E TO RT 171 EAST-VIO		OHEVA	2	1									
(64) Ramp	City of Newport News (Maint: 99		CIOKIB	OCLLVIII							NA			NA	
<u>.</u>	To:	SR 171 SR 171-W001A F	FROM &	TO I-64											
East	From:	I-64-E TO RT 17	SOUTH												
(64) Ramp	City of Newport News (Maint: 99)										NA			NA	
	To:	US 17 I-64-E258B TO		I I-64											
East	From:(Maint, OO)	I-64-E TO RT 17	NORTH								NIA			NIA	
64 Ramp	City of Newport News (Maint: 99)	0.15 NA US 17 I-64-E258A TO	& FROM	I I-64							NA			NA	
West	From:	WCL Newport													
(64)	City of Newport News (Maint: 99)			96%	1%	1%	1%	3%	0%	F	0.079	F		42000	G
	Combined Traffic Estimates for 2 Parallel Roadways	on this Route: 80000	G	95%	0%	1%	1%	3%	0%	F	NA			82000	G
M	To: From:	SR 143 Jefferso	on Ave			\neg \vdash									
West 64	City of Newport News (Maint: 99)	1.28 40000	G	96%	1%	1%	1%	3%	0%	F	0.075	F		41000	G
(64)	Combined Traffic Estimates for 2 Parallel Roadways			95%	0%	1%	1%	3%	0%	F	0.071	F	0.527	81000	G
	To	SR 238 Yorkto													
West	City of Newport News (Maint: 99			96%	1%	1%	1%	3%	0%	_	0.073	_		44000	G
64	Combined Traffic Estimates for 2 Parallel Roadways			96% 95%	0%	1%	1%	3%	0%	F	0.073	F	0.536	88000	G
	To Tolline Traine Estimates for 21 affaire Roadways			9570	070	1 70	1 /0	370	078	'	0.003	'	0.550	00000	J
West	From:	SR 105 Fort Eus								_					_
64	City of Newport News (Maint: 99)			96%	1%	1%	1%	3%	0%	F	0.072	F		47000	G
~	Combined Traffic Estimates for 2 Parallel Roadways			95%	0%	1%	1%	3%	0%	F	0.073	F	0.513	96000	G
West	To- From:	SR 143 Jefferso	on Ave												
(64)	City of Newport News (Maint: 99)	1.55 58000	G	96%	1%	1%	1%	3%	0%	F	0.076	F		59000	G
\smile	Combined Traffic Estimates for 2 Parallel Roadways			95%	0%	1%	1%	3%	0%	F	0.074	F	0.515	119000	G
	To:	SR 171 Oyster I	Point Rd												

2012 Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

									Tru	ck			K		Dir		
Route	Jurisdiction		Length	AADT	QA	4Tire	Bus		3+Axle			QC	Factor	QK	Factor	AAWDT	QW
West	From:			1 Oyster Po													
64	City of Newport News (M	laint: 99)	1.50	64000	Α	96%	1%	1%	1%	3%	0%	С	0.096	Α		65000	Α
\smile	Combined Traffic Estimates for 2 Parallel Ro	oadways on this	s Route:	129000	Α	95%	0%	1%	1%	3%	0%	С	0.088	Α	0.536	132000	Α
West	To: From:		US 17 J	Clyde Mon	ris Blvd												
64)	City of Newport News (M	laint: 99)	0.78	75000	G	96%	1%	1%	1%	3%	0%	F	0.082	F		76000	G
64)	Combined Traffic Estimates for 2 Parallel Ro		s Route:	151000	G	95%	0%	1%	1%	3%	0%	F	NA			155000	G
	То:			/CL Hampto					.,,			-					
West	From:	I-64-W	V TO RT 2	3800- YOR	KTOWN	ROAD											
(64) Ramp	City of Newport News (M	laint: 99)	0.14	NA									NA			NA	
	To:		SR 238	FROM I-64	WEST												
West	From:		O RT 105-	FORT EUS	TIS BOU	JLEVARI)										
(64) Ramp	City of Newport News (M		0.19	NA									NA			NA	
	To:	SR 1	105 SR 105	-E001B TO	& FRO	M I-64											
West	From:		W TO RT 1	43-JEFFER	SON AV	/ENUE											
(64) Ramp	City of Newport News (M	laint: 99)	0.21	NA									NA			NA	
	To:		SR 143	FROM I-64	WEST												
West	From:		O RT 143	SOUTH-JE	FFERSO	N AVENU	J										
(64) Ramp	City of Newport News (M	laint: 99)	0.12	NA									NA			NA	
	Tor		SR 143	FROM I-64	WEST												
West	From:	I-64-W T	O RT 143 l	NORTH-JE	FFERSC	N AVENU	J										
(64) Ramp	City of Newport News (M	laint: 99)	0.33	NA									NA			NA	
$\overline{}$	To:		SR 143	FROM I-64	WEST												
West	From:			I-64 West													
(64) Ramp	City of Newport News (M	laint: 99)	0.21	21000	G								0.079	F		21000	G
<u> </u>	To:	I 64 W/05	SER TO DO	SR 143	TEEE	DCON AX	7										
West 64 Ramp	City of Newport News (M		0.07	OUTE 14300 NA)- JEFFE	RSON AV							NA			NA	
64 Ramp	City of Newport News (IVI												INA			INA	
West	To- From:	SR 143-N(018B FRO	M ROUTE	14300- J	EFFERSO	N										
(64) Ramp	City of Newport News (M	laint: 99)	0.17	NA									NA			NA	
$\overline{}$	To:	I-64-W25	55A TO RO	OUTE 14300)- JEFFF	RSON AV	7	— —									
West	From:												N.1.0			NIA	
64 Ramp	City of Newport News (M		0.08	NA									NA			NA	
West	To: From:	SR 143-S0)18B FRO	M ROUTE	14300- JI	EFFERSO	N										
64 Ramp	City of Newport News (M	laint: 99)	0.34	NA									NA			NA	
· ·	To:		ND COLL	ECTOR RC	AD00- I	RTE 143 JI	3										
West	From:	I-64-W T	O RT 171	WEST-OY	STER PO	DINT ROA	\										
(64) Ramp	City of Newport News (M		0.30	NA				4					NA			NA	
	To:	•	SR 171	FROM I-64	WEST												
West	From:	I-64-W T	O RT 171 1	EAST-VICT	TORY B	OULEVA	R										
(64) Ramp	City of Newport News (M		0.39	NA									NA			NA	
	То:		71 SR 171	-W001B FR	OM & T	O I-64											
-																	

2012 Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

						_		Tru	ıck			K		Dir		
Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	QW
West	From:		TO RT 17 SO	UTH												
64 Ramp	City of Newport News (M		NA									NA			NA	
<u> </u>	10:	US 17 I-64-W	258B FROM 1	I-64 W	EST											
West	From:		I-64 West													
(64) Ramp	City of Newport News (M			G								0.09	F		7800	G
\smile	To:	US 17 N	J Clyde Morri	is Blvd												
	From:		Ft Eustis													
105)Ft Eustis Blvd	City of Newport Ne	ws 0.04		G	96%	0%	1%	1%	2%	0%	F	0.096	F	0.725	24000	G
100)	, , ,															
DELECTION DIVID	From:	4.04	US 60	_	000/	00/		40/	00/	00/	_	0.007		0.000	40000	_
105 Ft Eustis Blvd	City of Newport Ne	ws 1.01	39000	G	96%	0%	1%	1%	2%	0%	С	0.087	F	0.698	43000	G
<u> </u>	To- From:		I-64				-									
105) Ft Eustis Blvd	City of Newport Ne	ws 0.23	23000	G	96%	0%	1%	1%	2%	0%	F	0.093	F	0.602	25000	G
	To	CD 1	43 Jefferson A	***												
105)Ft Eustis Blvd	From: City of Newport Ne			G	96%	0%	1%	1%	2%	0%	С	0.106	F	0.619	16000	G
105 Ft Lustis Biva	To:		Newport New		90 /0	076	1/0	1 /0	2/0	0 /6	C	0.100		0.019	10000	G
East	From:		05 TO I-64 EA	ST												
105 Ramp	City of Newport News (M		NA									NA			NA	
<u> </u>	To:	I-64-E FROM RT 1	05-FORT EUS	STIS B	OULEVA	A										
East	From:	SR 105 I-64-W	/250A TO & F	FROM	IS 64											
105 Ramp	City of Newport News (M	laint: 99) 0.19	NA									NA			NA	
\bigcirc	To	I-64-W FROM RT	105-FORT EU	STIS E	BOULEV	A										
West	From:	SR 105 I-64-E	250B TO & F	ROM I	IS 64											
105)Ramp	City of Newport News (M		NA									NA			NA	
103)	To:	I-64-E FROM RT 1		STIS B	OULEVA	A										
	Form				OCEETI		L									
0745 04	City of Newport Ne		/CL Hampton		000/	40/	40/	00/	007	00/	_	0.070	_	0.500	0000	_
143)27th St				G	98%	1%	1%	0%	0%	0%	F	0.079	F	0.528	6600	G
	Combined Traffic Estimates for Parallel Ro		NA	~								NA			NA	
	From:		143 Par, 28th S 143 Par, 27th S													
143)28th St	City of Newport Ne			G G	98%	0%	1%	0%	0%	0%	F	0.085	F		2300	G
143/281131											•					
	Combined Traffic Estimates for 2 Parallel Ro	badways on this Route:	4400	G	99%	0%	1%	0%	0%	0%	F	NA			4700	G
	To: From:	(Chestnut Ave													
143)28th St	City of Newport Ne	ws 0.90	2100	G	98%	0%	1%	0%	0%	0%	С	0.08	F		2300	G
\smile	Combined Traffic Estimates for 2 Parallel Ro	padways on this Route:	4300	G	99%	0%	1%	0%	0%	0%	С	0.079	F	0.630	4500	G
	To		143 Par, 27th S	C+			L									
143 Jefferson Ave	City of Newport Ne			G	96%	1%	2%	1%	0%	0%	С	0.078	F	0.504	11000	G
143 Julie Sull Ave	City of Newport Ne	vvo U.33	10000	9	90%	170	Z-70	1 70	U70	070	C	0.070	ı-	0.304	11000	G
	To: From:		I-664													
143 Jefferson Ave	City of Newport Ne	ws 0.61	23000	G	98%	0%	1%	0%	0%	0%	F	0.080	F	0.554	24000	G
\smile	To		50th St													
143 Jefferson Ave	City of Newport Ne	ws 1.89		G	98%	0%	1%	0%	0%	0%	F	0.084	F	0.559	32000	G
143 Jelieisuli Ave	City of Newport Ne				3070	U70	170	U70	070	070	Г	0.004	1-	0.559	32000	G
	10:	US 2	58 Mercury Bl	ıva												

2012 Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

_							Trι	ıck			K		Dir		
Route	Jurisdiction	Length A	AADT Q	A 4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	QW
	From:		rcury Blvd												_
143 (17) Jefferson Ave	City of Newport News	1.31 4	42000 G	98%	0%	0%	1%	1%	0%	F	0.083	F	0.569	44000	G
	To: From:		52 Main St												
(143) (17) Jefferson Ave	City of Newport News	1.69 4	47000 G	98%	1%	1%	0%	0%	0%	С	NA			50000	G
	To: From:		Harpersville Ro												
(143) (17) Jefferson Ave	City of Newport News		48000 G	98%	0%	0%	1%	1%	0%	F	0.087	F	0.527	52000	G
	To: From:		Morris Blvd Clyde Morris B	lvd		-									
143 Jefferson Ave	City of Newport News		55000 G		1%	1%	0%	0%	0%	С	0.089	F	0.553	58000	G
1.439	та:		Ground Blvd												
143 Jefferson Ave	City of Newport News		58000 G	98%	0%	1%	0%	0%	0%	F	0.08	F	0.592	61000	G
143)************************************	To:							-,-	***						
(143) Jefferson Ave	City of Newport News		Oyster Point Ro 59000 G		0%	1%	0%	0%	0%	F	0.079	F	0.546	62000	G
(143) 63/16/165/17/16	To Tax			0070	070		070	070	070	·	0.070	•	0.010	02000	Ū
(143) Jefferson Ave	City of Newport News		I-64 92000 G	98%	0%	1%	0%	1%	0%	С	0.078	F	0.540	96000	G
143) 3611613611 AVC	only of Newport News			3070	070		070	170	070	O	0.070	'	0.540	30000	J
143)Jefferson Ave	City of Newport News		and Blvd 60000 G	97%	1%	1%	0%	1%	0%	С	0.084	F	0.559	63000	G
143 Julierson Ave	City of Newport News			31 /6	1 /0	1 70	076	1 /0	076	C	0.004	'	0.559	03000	J
143 Jefferson Ave	City of Newport News		Denbigh Blvd	98%	0%	1%	0%	0%	0%	С	0.113	Α	0.596	34000	Α
143 Jerierson Ave	City of Newport News			90%	0%	170	0%	U70	0%	C	0.113	A	0.596	34000	А
Latters on Aug	From From From From From From From From		hneck Rd	000/	00/		00/	00/	00/	F	0.000	F	0.547	20000	
143 Jefferson Ave	City of Newport News		31000 G	98%	0%	1%	0%	0%	0%	г	0.099	Г	0.547	32000	G
	Ta: From:		Ft Eustis Blvd	2001	00/		40/	201	201		0.400		0.540	0500	
143 Jefferson Ave	City of Newport News	2.55	8900 G	98%	0%	1%	1%	0%	0%	С	0.126	F	0.540	9500	G
	To: From:		ktown Rd			<u> </u>						_			
143 Jefferson Ave	City of Newport News		14000 G		0%	1%	1%	0%	0%	F	0.118	F	0.535	15000	G
	100		ity County Lin												
Pamp	City of Newport News (Maint: 99		ROUTE 664 E	AST							NA			NA	
143 Ramp	City of Newport News (Maint. 98										INA			INA	
Pomp	City of Novement Nove (Moint) Of		TO 35TH STR	EET							NA			NA	
143 Ramp	City of Newport News (Maint: 99	<u>′</u>									INA			INA	
	From:	121-7006-E000B		STREET											
(143) Ramp	City of Newport News (Maint: 99	0.34 I-664-E FROM JEFF	NA EDSON AVE	& 2ATH ST	,						NA			NA	
	From:														
(143)Ramp	City of Newport News (Maint: 99		TO 35TH STR	EET							NA			NA	
143) (311)	To:	I-664-E005A FROM		I AVENUE							1 1/7			14/-1	
	From:		TO I-64 West												
(143)Ramp	City of Newport News (Maint: 99		NA								NA			NA	
(170)	Tool	I-64-W FROM RT 14		NI ANZENITE	,									== =	

2012 Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

		vvaiv	VICK IVIAITIE	iai icc A	ii ca			Tru	ıok			V.		Dir		
Route	Jurisdiction	n Len	gth AADT	QA	4Tire	Bus		3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW
	From:		R 143 TO I-64	WEST												
(143)Ramp	City of Newport News											NA			NA	
$\overline{}$	To:	I-64-W RAN	/IP FR RT 143	FROM F	RT 14300-											
	From:	S	R 143 TO I-64	1 EAST												
(143) Ramp	City of Newport News											NA			NA	
	To:	I-64-E FROM	RT 14300- JEF	FERSO	N AVENU	Е										
North	From:		R 143 TO I-64	1 EAST												
(143)Ramp	City of Newport News	'										NA			NA	
$\overline{}$	To:	I-64-E FROM I	RT 143 NORT	H00- JEF	FERSON	A										
North	From:		R 143 TO I-64	WEST												
(143) Ramp	City of Newport News	'	_									NA			NA	
$\overline{}$	To:	I-64-W FROM	RT 143 NORT	H-JEFFI	ERSON AV	Έ										
South	From:	S	R 143 TO I-64	1 EAST												
(143)Ramp	City of Newport News	(Maint: 99) 0.2	3 NA									NA			NA	
$\overline{}$	To:	I-64-E FROM I	RT 143 SOUT	H-JEFFE	RSON AV	Е										
South	From:	S	R 143 TO I-64	WEST												
(₁₄₃)Ramp	City of Newport News	(Maint: 99) 0.1	3 NA									NA			NA	
\bigcirc	To:	I-64-W FROM	RT 143 SOUT	H-JEFFE	ERSON AV	Έ										
	From:		SR 143; 28t	h St												
143)27th St	City of Newport	News 0.4	8 2300	G	99%	0%	0%	0%	0%	0%	С	0.084	F	0.556	2400	G
P	Combined Traffic Estimates for 2 Paralle	Roadways on this Rou	ute: 4400	G	99%	0%	1%	0%	0%	0%	F	NA			4700	G
	To		Chestnut A	ve												
143)27th St	From: L City of Newport	News 0.9		G	99%	0%	0%	0%	0%	0%	С	0.093	F		2300	G
1,50	Combined Traffic Estimates for 2 Paralle			G	99%	0%	1%	0%	0%	0%	С	0.079	F	0.630	4500	G
	To:	. readinaye on time rec	Jefferson A		0070	070	Τĩ	0,0	0,0	0,0		0.0.0	•	0.000	.000	Ū
	From:		27th St													
143 Jefferson Ave	City of Newport			N	99%	0%	0%	0%	0%	0%	Ν	0.093	Ν		2300	Ν
	Combined Traffic Estimates for Paralle	l Roadways on this Ro										NA			NA	
	To:		SR 143; 28t	h St												
	From:		US 60 Warwic	k Blvd												
(152) Main St	City of Newport	News 0.4	1 10000	G	99%	0%	0%	0%	0%	0%	С	0.085	F	0.502	11000	G
$\overline{}$	To- From:	US	17, SR 143 Jefi	ferson Av	/e		-									
152 Main St	City of Newport	News 0.5	66 8600	G	99%	0%	0%	0%	0%	0%	С	0.096	F	0.537	9200	G
	To:		WCL Hamp	oton												
	From:		SR 143 Jefferso	on Ave												
(171) Oyster Point Rd	City of Newport				98%	0%	1%	0%	0%	0%	С	0.088	F	0.502	45000	G
	To		121-12 Canon	Rlvd												
(171) Oyster Point Rd	From: City of Newport	News 0.1			98%	0%	1%	0%	0%	0%	F	0.088	F	0.567	51000	G
1/1) Systor F Sint Rd	- F	0.1			0070	070	1 70	0 /0	070	070	•	5.000	•	5.557	01000	J
N'atam B'	To: From:	N1	I-64		0001	001		001	001	001		0.000	_	0.007	40000	
171 Victory Blvd	City of Newport	News 0.7			99%	0%	1%	0%	0%	0%	F	0.089	F	0.627	49000	G
	10:		York County	Line												

Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

Route	Jurisdiction	Length		4Tire	BUS		Truck- 3+Axle 1T	rail 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
East 171 Ramp	City of Newport News (M		TO I-64 TO I-64 NA 71 EAST-OYSTE			_ 				NA			NA	
East 171 Ramp	City of Newport News (M		TO I-64 WEST NA 71 EAST-OYSTE	ER POINT F	R					NA			NA	
West 171 Ramp	City of Newport News (M		256B FROM & TO NA 71 WEST-OYSTE		ł.					NA			NA	
West 171 Ramp	City of Newport News (M		256B FROM & TO NA 71-VICTORY BO)					NA			NA	
Denbigh Blvd	City of Newport New	ws 0.53	Moyer Drive 3800 G atalina Drive	98%	1%	1%	0% 0	% 0%	С	0.088	F	0.602	4100	G
173 Denbigh Blvd	City of Newport New	ws 0.74	Ratalina Dr 8700 G cas Creek Rd	98%	1%	1%	0% 0	% 0%	F	0.09	F	0.584	9300	G
173 Denbigh Blvd	City of Newport New	ws 0.55	17000 G Warwick Blvd	98%	1%	1%	0% 0	% 0%	F	0.090	F	0.621	18000	G
Denbigh Blvd	City of Newport Nev	ws 1.14	27000 G 3 Jefferson Ave	98%	0%	1%	0% 0	% 0%	С	0.081	F	0.524	29000	G
Denbigh Blvd	City of Newport Nev	ws 1.32	27000 G k County Line	99%	0%	0%	0% 0	% 0%	F	0.094	F	0.603	28000	G
238 Yorktown Rd	City of Newport New		Warwick Blvd 4800 G I-64	92%	1%	1%	4% 2	% 0%	С	0.091	F	0.579	5100	G
238 Yorktown Rd	City of Newport Nev		9500 G 3 Jefferson Ave	97%	1%	1%	1% 1	% 0%	F	0.090	F	0.510	11000	G
238 Yorktown Rd	City of Newport Nev	ws 1.06	9800 G k County Line	97%	1%	1%	1% 1	% 0%	F	0.095	F	0.573	11000	G
238 Ramp	City of Newport News (M		88 TO I-64 East NA 23800- YORKTOV	WN ROAD						NA			NA	
(258) (17) (32) Mercury Blvd	City of Newport Nev	ws 0.22	Vight County Line 28000 G	98%	0%	0%	1% 1	% 0%	F	0.094	F	0.714	30000	G
258 17 32 Mercury Blvd	City of Newport Nev	ws 0.56	Warwick Blvd 39000 G	98%	0%	0%	1% 1	% 0%	F	0.095	F	0.563	41000	G
258 Mercury Blvd	City of Newport Nev	ws 0.29	fferson Ave 39000 G CL Hampton	99%	0%	0%	0% 1	% 0%	F	0.087	F	0.542	40000	G

						-											—
Route	Jurisdiction	n	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QV
	From:			0 Warwick													
306 Harpersville Rd	City of Newport	News	0.88	8800	G	99%	0%	0%	0%	0%	0%	С	0.095	F	0.558	9400	(
	To:		US 17, S	R 143 Jeffer	rson Ave	:											
	From:		US 6	0 Warwick													
312 J Clyde Morris Blvd	City of Newport	News	1.11	32000	G	99%	0%	0%	0%	0%	0%	С	0.084	F	0.508	34000	
<u> </u>	To:		U	S 17; SR14	13												
	From:			0 Huntington													
351)39th St	City of Newport	News	0.64	4200	G	97%	1%	1%	1%	0%	0%	F	0.185	F	0.846	4500	(
<u> </u>	To: From:		N	Marshall Av	e												
351)39th St	City of Newport	News	0.87	6600	G	97%	1%	1%	1%	0%	0%	С	0.119	F	0.752	7100	
\smile	To:		W	/CL Hampto	on												
	From:	 [EB and W	/B I-664 Ex	it 5 ramp	S											
664) I-664 Exit 5 Ramp (from bo	th directions merged) City of Newport News	(Maint: 99)	0.11	NA									NA			NA	
\smile	To		Ramp to US	S 60 WB W	arwick A	ve											
664 I-664 Exit 5 Ramp (from bo	th directions merged) City of Newport News	(Maint: 99)	0.11	NA	ui wiek i	.,,							NA			NA	
004)	To:	(1 1 1 1 1)		35th St													
	From:		I-664- 5A TO) WARWIC	'K AVFI	JUE											
Ramp	City of Newport News	(Maint: 99)	0.11	NA NA	ALTIVES	TOL							NA			NA	
004)	To:	(2 2)	3US 60-P	FROM RO	UTE 66	4											
East	From:		S	CL Hampto	n												_
Hampton Roads Beltway	City of Newport News	(Maint: 99)	0.12	37000	G	94%	0%	1%	1%	4%	0%	F	0.107	F		40000	(
004)	Combined Traffic Estimates for 2 Paralle	,		74000	G	94%	0%	1%	1%	4%	0%	F	NA			80000	
		•	ast I-664 is				0,0	.,,	.,,	.,0	0,0	•				00000	
	Tol			te Ave; Che													
East	From:		Koanok	e Ave; Che	stilut St												
664 Hampton Roads Beltway	City of Newport News	,	1.02	34000	G	94%	0%	1%	1%	4%	0%	F	0.101	F		37000	(
	Combined Traffic Estimates for 2 Paralle	l Roadways on	this Route:	67000	G	94%	0%	1%	1%	4%	0%	F	0.088	F	0.620	72000	
		E	ast I-664 is	signed as	s South	ı I-664											
_	To:		SR 143 Jo	efferson Ave	e; 35th S	t		\neg \vdash									
East	City of Novement Novement	(Maint: 00)	1.64	2000		94%	00/	10/	40/	40/	00/	_	0.004	F		28000	
664 Hampton Roads Beltway	City of Newport News	,	1.64	26000	G		0%	1%	1%	4%	0%	-	0.084	•	0.040		
	Combined Traffic Estimates for 2 Paralle	•			G	94%	0%	1%	1%	4%	0%	F	0.084	F	0.616	66000	
	_	E	ast I-664 is	signea as	s Souti	1 1-004											
East	To: From:		T	Terminal Av	e												
664 Monitor Merrimac Memorial	Bridge Tunnel City of Newport News	s (Maint: 99)	2.84	29000	Α	94%	0%	1%	1%	4%	0%	F	0.129	Α		31000	
	Combined Traffic Estimates for 2 Paralle	,	this Route:	58000	В	94%	0%	1%	1%	4%	0%	F	NA			63000	
		•	ast I-664 is														
	To:	<u> </u>		WCL Suffoll													
	From			I-664 East				ī									_
Fast																	
East 664 Ramp	L City of Newport News	(Maint: 99)	0.15	4600	G								0.103	F		4600	(

Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

									Tru	ıck			K		Dir		
Route	Jurisdiction	n	Length	AADT	QA	4Tire	Bus	2Axle	3+Axle	1Trail	2Trail	QC	Factor	QK	Factor	AAWDT	QW
East	From:		I-664-E	TO 35TH S	TREET												
664)Ramp	City of Newport News	s (Maint: 99)	0.32	NA									NA			NA	
<u> </u>	To:		I-664-W005	A I-664- 5A	TO 35T	HS											
East	From:		I-664-E TO I	NSPECTIC	N STAT	ION											
664 Ramp	City of Newport News		0.21	NA									NA			NA	
\smile	To:		I-664-E FROM	INSPECT	ION STA	TION											
East	From:		I-664-E TO 2	6TH & 27T	TH STRE	ETS											
Ramp	City of Newport News	s (Maint: 99)	0.15	NA									NA			NA	
\smile	To		I-664-E006	B TO 27TI	HSTREE	Т											
East	From:	- (NA-1-1, OO)			TOTAL								NIA			NIA	
Ramp	City of Newport News	s (Maint: 99)	0.10	NA TYG CO D									NA			NA	
<u> </u>	10:			4US 60-P													
East	From			A TO 27TI	H STREE	Т											
664 Ramp	City of Newport News	s (Maint: 99)	0.16	NA									NA			NA	
<u> </u>	10:		121-3 FRC	M ROUTE	664 EAS	T											
East	From:		I-664-E TO		L AVEN	UE											
Ramp	City of Newport News		0.17	NA									NA			NA	
<u> </u>	То:	TERMIN	NAL AVENUE	FROM RO	UTE 664	EASTSC	OUTH										
West	From:			CL Hampto	n												
664 Hampton Roads Beltway	City of Newport News	s (Maint: 99)	0.55	37000	G	94%	0%	1%	1%	4%	0%	F	0.122	F		39000	G
	Combined Traffic Estimates for 2 Paralle	el Roadways or	this Route:	74000	G	94%	0%	1%	1%	4%	0%	F	NA			80000	G
	_	l	Nest I-664 is	signed a	as North	1-664											
	To			Avenue; Cl													
West	From:	(1.1		e Ave; Che		2 407						_		_			_
Hampton Roads Beltway	City of Newport News		0.78	33000	G	94%	0%	1%	1%	4%	0%	F	0.11	F		35000	G
	Combined Traffic Estimates for 2 Paralle	•			G	94%	0%	1%	1%	4%	0%	F	0.088	F	0.620	72000	G
		ı	Nest I-664 is	signed a	s North	ı I-664											
A/ .	To:		SR 143 J	efferson Av	e; 35th St												
Nest 664 Hampton Roads Beltway	City of Newport News	e (Maint: 00)	1.41	35000	G	94%	0%	1%	1%	4%	0%	F	0.09	F		37000	G
664 Trampion Roads Beilway							0%							F	0.646		G
	Combined Traffic Estimates for 2 Paralle		Vest I-664 is		G North	94%	0%	1%	1%	4%	0%	Г	0.084	Г	0.616	66000	G
			77681 1-004 IS	signeu a	is ivoiti	11-004											
West	To:		7	erminal Av	re												
Monitor Merrimac Memorial	Bridge Tunnel City of Newport News	s (Maint: 99)	2.93	30000	В	94%	0%	1%	1%	4%	0%	F	0.113	Α		32000	В
307)	Combined Traffic Estimates for 2 Paralle	,			В	94%	0%	1%	1%	4%	0%	F	NA			63000	В
		•	Vest I-664 is				270	. 70	. 70	. 70	0,0	•				22000	_
	To:			VCL Suffol													
	-			I-664 West													
Most																	
West 664) Ramp	City of Newport News	s (Maint: 00)	0.13	990	G								0.096	F		990	G

Annual Average Daily Traffic Volume Estimates By Section of Route Warwick Maintenance Area

Route	Jurisdiction -	Length AADI QA 4Tire Bus	Truck QC K 2Axle 3+Axle 1Trail 2Trail Factor	QK Dir AAWDT QW
West 664 Ramp	City of Newport News (Maint: 99)	I-664-W TO JEFFERSON & 6TH ST 0.20 NA I-664-E005A TO 35TH S	NA NA	NA
West 664 Ramp	City of Newport News (Maint: 99)	I-664-W005A TO JEFFERSON AVE 0.10 NA SR 143 FROM ROUTE 664 WES	NA NA	NA
West 664 Ramp	City of Newport News (Maint: 99)	1-664-W TO 25TH & 26TH STREETS 0.13 NA	NA NA	NA
West 664 Ramp	City of Newport News (Maint: 99)	1-664-W006B TO 25TH STREET 0.13 NA 4US 60-P FROM ROUTE 664 WEST	NA NA	NA
West 664 Ramp	City of Newport News (Maint: 99)	I-664-W006A TO 25TH STREET 0.10 NA US 60 FROM ROUTE 664 WEST	NA NA	NA
West 1-664 WB (NB) Exit 7 Ramp	City of Newport News (Maint: 99)	I-664 WB NB 0.26 NA Terminal Ave	NA	NA

						ii wiok ivianite	enance Area								
Route	Length	AADT	QA	4Tire	Bus		Truck Axle 1Trail		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Newport News															
(Carro	0.08	From:			S.	R 173; 121-19 I	Richneck Rd			NA			NA		
(F141)	0.00	To				Dead E	nd			— "``			147.		
		From				Washingto	n Ave			Î					
25th St	0.12	1900	G	94%	4%	1% 1	% 0%	0%	С	0.104	F	0.62	2000	G	2012
(121)		To:				Warwick	Blvd								
O 2001 20		From:		2.107	101	Huntington									
2 26th St	0.10	4800 To:	G	94%	4%	1% 1°	% 0%	0%	F	0.179	F		5100	G	2012
		From													
3 27th St	0.14	3000	G	96%	1%	121-7004 28t	% 0%	0%	F	0.133	F	0.803	3200	G	2012
(3) 27th St	0.14	To:	Ť	3070		7013; 1SR 143-1				0.100	•	0.000	0200	Ü	2012
		From				US 60; Warw									
Oyster Point Rd	1.04	44000	G	98%	1%		% 0%	0%	С	0.083	F	0.57	47000	G	2012
(121)		To				SR 143; Jeffer	rson Ave								
\sim		From:				Washingto									
(5 ₁) 35th St	0.24	770	G	98%	1%		% 0%	0%	F	0.250	F		820	G	2012
<u> </u>		To				US 60 Par									
Allowaton Boads Cont	or Dogledov	24000		000/		Harpersville Rd;		00/	N.I.		N.	0.557	22000	N.I	2012
(6) Hampton Roads Cent	er Patokonoay	∠1000 ™	N	99%	0%	0% 1° WCL Han	% 0%	0%	N	0.114	N	0.557	23000	N	2012
		From	1			Washingto				1					
7 49th St	0.24	2400	G	94%	4%		% 0%	0%	С	0.168	F		2500	G	2012
121)		To				Huntington									
		From				Washingto	n Ave								
8 121 50th St	0.11	2300	G	89%	5%	4% 1	% 1%	0%	С	0.151	F		2400	G	2012
(121)		To				US 60, Huntin	gton Ave								
8 50th St	0.11	920	G	89%	5%	4% 1	% 1%	0%	F	0.191	F		990	G	2012
(121)		To:			U	S 60 Parallel, W	arwick Blvd								
O		From				25Th S									
9 Washington Ave	1.24	5200 To:	G	95%	2%		% 0%	0%	С	0.118	F	0.766	5500	G	2012
						50Th S				<u> </u>					
Beechmont Dr	1.16	4200	G	98%	1%	Moyer 1 1% 0°	% 0%	0%	С	0.092	F	0.636	4500	G	2012
(10) Beechmont Dr	1.10	7200	Ť	30 70	1 70	Lucas Cree		070		0.032	•	0.000	4300	J	2012
		From				Lucas Cree	ek Rd								
(10) Beechmont Dr	0.24	8300	G	98%	1%		% 0%	0%	F	0.085	F	0.569	8900	G	2012
<u> </u>		To				Warwick									
11 Boxley Blvd	0.01	11000	G	99%	0%	Menchvill 0% 0	le Rd % 0%	00/	С	0.088	F	0.639	11000	G	2012
(11) Boxley Blvd	0.81	To:		99%	0%	US 60; Warw		0%	C	0.088	Г	0.639	11000	G	2012
		From:				Thimble Sho				<u> </u>					
(12) Canon Blvd	1.60	14000	G	98%	0%		% 1%	0%	С	0.098	F	0.663	15000	G	2012
(12) Canon Blvd		To				SR 171 Oyster									
		From				J.Clyde Mor	ris Blvd								
Diligence Dr	0.44	11000	G	98%	1%	1% 0	% 0%	0%	С	0.097	F	0.666	11000	G	2012
(L)		To				Thimble Sho									
O = 1 :=		From:		0601	001	Lucas Cree		001			_	0.6.15	0000		0015
14 Eastwood Dr	1.36	2800 To:	G	99%	0%		% 0%	0%	F	0.102	F	0.643	3000	G	2012
		From:				Colony Colony									
(14) Eastwood Dr	0.44	7200	G	99%	0%		% 0%	0%	С	0.096	F	0.620	7700	G	2012
121/		To				Warwick	Blvd								
\sim		From:				Normandy									
(15) Maxwell Ln	0.62	4800	G	99%	0%		% 0%	0%	С	0.096	F	0.683	5100	G	2012
<u> </u>		To:				Warwick	Blvd								

					vva	irwick Maintena	iice Area	1							
Route	Length	AADT	QA	4Tire	Bus	Tı 2Axle 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Newport News															
MaManua Dhul	4.04	From	<u> </u>	000/	00/	Bland Blvd	00/	00/		0.000	_	0.045	40000	0	2042
(16) McManus Blvd	1.04	9400 To	G	99%	0%	0% 0% Denbigh Blvo	0%	0%	С	0.099	F	0.615	10000	G	2012
		From								ī					
17 Middle Ground Blvd	0.64	7100	G	98%	0%	Jefferson Ave	1%	0%	С	0.091	F	0.578	7600	G	2012
(17) Middle Ground Blvd	0.04	To	Ť	3070	070	Canon Blvd		070		0.031	•	0.570	7000	J	2012
		From				Denbigh Blvo									
(18) Moyer Rd	0.54	2700	G	98%	1%	1% 0%	0%	0%	С	0.094	F	0.529	2900	G	2012
(191)		To				Beechmont D	r								
		From				Denbigh Blvo	1								
19 Richneck Rd	0.96	3100	G	98%	0%	0% 0%	0%	0%	С	0.095	F	0.876	3300	G	2012
(171)		To From				Jefferson Ave	e								
19 Richneck Rd	1.54	4600 From	G	98%	0%	0% 0%	0%	0%	F	0.093	F	0.622	4900	G	2012
(121)		To				York County L	ine								
		From				Mercury Blvo	1								
River Rd	0.74	400	G	98%	0%	1% 0%	0%	0%	С	0.099	F	0.818	430	G	2012
		To				Huntington Av	/e			<u></u>					
<u> </u>		From				Country Club I									
Shoe Ln	0.78	5700	G	99%	0%	0% 0%	0%	0%	С	0.088	F	0.608	6100	G	2012
		To				Warwick Blv									
Thimble Cheele Dhal	0.04	From	<u> </u>	000/	40/	Jefferson Ave		00/		0.007	_	0.507	45000	0	2040
(22) Thimble Shoals Blvd	0.91	14000 _{To}	G	99%	1%	0% 0% Pilot House D	0%	0%	С	0.087	F	0.567	15000	G	2012
		From				Pilot House R									
Thimble Shoals Blvd	0.27	8400	G	98%	2%	1% 0%	0%	0%	С	0.101	F	0.731	9000	G	2012
(121)		To			Ţ	JS 17 J Clyde Morr	ris Blvd								
		From				Jefferson Ave	2								
7000 16th St	0.90	4100	G	98%	1%	1% 0%	0%	0%	С	0.081	F	0.522	4400	G	2012
		To From				Chestnut Ave	:								
7000 Chesapeake Ave	1.05	1500	G	98%	1%	1% 0%	0%	0%	F	0.09	F	0.618	1600	G	2012
(121)		То				SCL Hampton	n								
		From				West Ave									
7002 121 23rd St	0.22	2600	G	98%	0%	0% 0%	0%	0%	С	0.157	F	0.955	2800	G	2012
		To From				US 60 Huntington	Ave								
7002 121 23rd St	0.21	7600	G	98%	0%	0% 0%	0%	0%	F	NA			8300	G	2012
(121)		To				US 60 Par 25th	St								
		From				Huntington Av									
(7004) 28th St	0.34	2700	G	96%	1%	3% 0%	0%	0%	С	0.092	F	0.672	2900	G	2012
		To				Jefferson Ave	9								
O		From				Washington A									
7006 121 34th St	0.07	2700	G	96%	1%	3% 0%	0%	0%	F	0.152	F		2800	G	2012
		To From				US 60 Warwick l									-
7006 34th St	0.13	820	G	96%	1%	3% 0%	0%	0%	F	0.107	F		880	G	2012
		То				US 60 Par 34th									
East	0.40	From	<u> </u>	000/	407	US 60 WB; 34tl		00/			_		0700	_	0040
7006 Ramp to I-664 at Exit 5	0.18	2500	G	96%	1%	3% 0%	0%	0%	F	0.171	F		2700	G	2012
East		From				Ramp to I-664 El	3 SB								
7006 Ramp to I-664 EB (NB)	at 19x2115	NA								NA			NA		
		To	_		Ra	mp to Jefferson Av	e: 35th St			—					
East Page to L664 EP (NP)		From			130	r circison / IV	.,			NIA.			NIA		
7006 Ramp to I-664 EB (NB)	au DiXATUb	NA To				I-664 WB NI	2			NA			NA		
		From	-		101.700			A CT		+					
East (7006) Ramp	0.15	NA Prom			121-700	06-E000A TO ROU	1 E 664 E	184		NA			NA		
7006 121 Ramp	0.10	To			SR 1	43- 9A FROM 34T	H STREE	T		13/7			INA		
					J. 1	. ,	~ - IVL								

Route	Length	AADT	QA	4Tire	Bus		Tru 3+Axle			QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Newport News		From			21 5005	E000 1 E	o recees	2011 11			1					
East 7006) Ramp	0.05	NA Prom		1	21-7006-	E000A T	O JEFFER:	SON AVE	ENUE		NA			NA		
7 ₀₀₀₆ Ramp	0.00	To					SR 143									
		From				C	olony Rd									
7007 Lucas Creek Rd	1.39	4400	G	98%	1%	1%	0%	0%	0%	С	0.089	F	0.515	4600	G	2012
121)		To					oungs Rd									
7007 Lucas Creek Rd	1.13	5800	G	98%	1%	Dei 1%	nbigh Blvd 0%	0%	0%	F	0.095	F	0.512	6200	G	2012
Lucas Creek Rd	1.13	To		30 70	1 /0		olony Rd	070	070		0.033	'	0.512	0200	J	2012
		From					nington Av	e								
7008 39th St	0.23	2400	G								0.125	F	0.696	2500	G	2012
121/		To				Hun	tington Ave)								
		From				Jefi	erson Ave									
7010 48th St	0.16	2600	G	95%	1%	2%	1%	1%	0%	F	0.088	F	0.630	2800	G	2012
121)		To From				Ma	dison Ave				\Box					
7010 121 48th St	0.16	3700	G	95%	1%	2%	1%	1%	0%	С	0.084	F	0.561	4000	G	2012
121)		To From				Ma	rshall Ave									
7010 48th St	0.59	3200 From	G	96%	1%	1%	1%	1%	0%	С	0.082	F	0.529	3400	G	2012
121/		To				Che	estnut Ave									
<u> </u>		From				Bri	arfield Rd									
7011 Orcutt Ave	0.37	1300	G	99%	0%	0%	0%	0%	0%	F	0.097	F	0.548	1400	G	2012
_		To From					Paul St									
7011 Orcutt Ave	0.56	1600	G	99%	0%	0%	0%	0%	0%	С	0.096	F	0.512	1700	G	2012
1217		То				SWC	CLHamptor	1			<u></u>					
O		From					erson Ave								_	
7012 Briarfield Rd	1.17	7300	G	98%	0%	1%	0%	1%	0%	С	0.093	F	0.515	7800	G	2012
		10					L Hampton									
7013) Jefferson Ave	0.05	10000	G	98%	0%	121-3; 1%	27Th Stre	eet 0%	0%	F	0.079	F	0.533	11000	G	2012
Jefferson Ave	0.03	10000		90 /6	076			0 /0	0 /6		0.079	-	0.555	11000	G	2012
O Jefferson Aug	٥.٢٢	From	<u> </u>	000/	40/		60, 25th St	00/	00/		0.005		0.500	44000		2042
7013 Jefferson Ave	0.55	10000 _{To}	G	98%	1%	1%	0% 16th St	0%	0%	С	0.085	F	0.532	11000	G	2012
		From					25th St									
7015 Marshall Ave	0.69	4300	G	97%	1%	2%	0%	0%	0%	F	0.076	F	0.638	4600	G	2012
Marshall Ave	0.00	To	_	0.70	.,,					•		•	0.000	.000	•	
Marshall Ave	1.08	5500 From	G	97%	1%	2%	39th St 0%	0%	0%	С	0.090	F	0.533	5900	G	2012
7015 Marshall Ave	1.00	5500	<u> </u>	37 70	1 /0			070	070		0.030	•	0.555	3300	O	2012
7015) Marshall Ave	1.03	4600	G	97%	1%	2%	ichard Ct 0%	0%	0%	F	0.084	F	0.546	4900	G	2012
7015 Marshall Ave	1.03	4000 To		91 /0	1 /0		L Hampton		0 /6		0.064	-	0.540	4900	G	2012
		From					16Th St	-								
7017) Roanoke Ave	1.21	2400	G	97%	1%	1%	0%	0%	0%	F	0.085	F	0.527	2600	G	2012
Roanoke Ave		To					I-664									
7017) Roanoke Ave	1.16	1900	G	97%	1%	1%	0%	0%	0%	С	0.099	F	0.694	2000	G	2012
Roanoke Ave		To		0.70	. , ,				0,0			•	0.00		Ū	
7017) Roanoke Ave	0.93	2300 From	G	97%	1%	1%	arfield Rd 0%	0%	0%	F	0.09	F	0.539	2500	G	2012
Roanoke Ave	0.55	2300	Ť	37 70	1 /0		L Hampton		070	- '	0.00	•	0.555	2000	O	2012
		From	1				7 Roanoke				i					
7017) Ramp	0.12	1200	G			121 /01	unorc				0.169	F		1200	G	2012
7 ₀₁₇ Ramp		To				I-	664 East									
		From				US	60 25th St									
7019 Chestnut Ave	0.80	5100	G	99%	0%	1%	0%	0%	0%	С	0.078	F	0.614	5400	G	2012
		- To	-				I-664									
7019 Chestnut Ave	1.08	7300 From	G	97%	0%	0%	2%	0%	0%	F	0.078	F	0.547	7800	G	2012
		To					arfield Rd									

					wa	rwick Mainte	nance Area	d							
Route	Length	AADT	QA	4Tire	Bus	2Axle 3+A		2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
City of Newport News															
7019 Chestnut Ave	0.95	7100	G	97%	0%	Briarfield	% 0%	0%	С	0.094	F	0.524	7600	G	2012
			<u> </u>			SWCL Han				<u> </u>					
7019) Ramp	0.12	NA From:				121-7019 TC) 1-664			NA			NA		
7 ₀₁₉ Ramp	0.12	To:			I-664-W	FROM CHES	INUT AVEN	NUE					14/5		
		From				Jefferson									
7027 Harpersville Rd	1.00	20000	G	99%	0%	0% 09	% 0%	0%	F	0.103	F	0.544	22000	G	2012
Harpersville Rd	1.77	8800 From:	G	99%	0%	E-W Expres 0% 09 Saunders	% 0%	0%	С	0.099	F	0.542	9300	G	2012
		From:				121-12; Cano									
Old Oyster Point Rd	0.67	5200	G			121-12, Can	ni bivu			0.095	F	0.548	5600	G	2012
Old Oyster Point Rd		To				Y 1 Y	· ·			_	-			_	
Old Oyster Point Rd	0.64	5700	G	98%	0%	Lochaven I		0%	С	0.094	F	0.518	6100	G	2012
Old Oyster Point Rd	0.04	71 00 To:		<i>3</i> 0 /0	0 /0	Brighton I		U /0		0.094		0.510	0100	3	2012
_		From:				Brigton L									
Old Oyster Point Rd	0.18	8200	G	98%	0%	1% 09	% 0%	0%	F	0.089	F	0.531	8800	G	2012
<u>""</u>		To			τ	JS 17; J Clyde N	Iorris Blvd			_					
7034) Harpersville Rd	0.53	10000	G	98%	0%	1% 09		0%	F	0.085	F	0.556	11000	G	2012
Harpersville Rd		To													
7034) Saunders Rd	0.76	8200	G	99%	0%	Harpersvill		0%	С	0.1	F	0.572	8700	G	2012
Saunders Rd	0.70	To:	Ť	0070	0 /0	NWCL Har		0 /0		٦̈́'	'	0.012	0700	5	2012
		From	I			Beverly Hill				i					
7036) Blount Point Rd	0.68	2200	G	99%	0%	1% 09		0%	С	0.096	F	0.591	2300	G	2012
7036 Blount Point Rd		To	Ť			Madison Ave								_	
<u> </u>		From				Madison Lan									
Hiden Blvd	0.85	7700	G	99%	0%	1% 09		0%	F	0.093	F	0.646	8200	G	2012
		To:				Warwick I	Blvd								
		From:				Normandy									
7038 Deep Creek Rd	1.09	4100	G	99%	0%	1% 09		0%	С	0.104	F	0.604	4400	G	2012
<u> </u>		To:				Warwick I	3lvd								
O		From				Hertzler					_			_	
Colony Rd	0.50	1800	G	97%	2%	1% 09	% 0%	0%	С	0.092	F	0.662	2000	G	2012
		From				Lucas Cree	k Rd								
Colony Rd	1.52	7300	G	97%	2%	1% 09		0%	F	0.095	F	0.629	7800	G	2012
<u> </u>		To:	<u> </u>			US 60 Warwi	ck Blvd								
<u> </u>		From	Ĺ			Denbigh I					_			_	
Old Denbigh Blvd	0.61	8500	G	97%	1%	1% 09		0%	С	0.092	F	0.582	9000	G	2012
<u> </u>		To:				York Count									
<u></u>	• • •	From		000		US 60 Warwi					_	0 ==	600		
7 ₁₀₄ Bland Blvd	0.93	30000	G	99%	0%	0% 09	% 0%	0%	С	0.087	F	0.551	32000	G	2012
		From:				SR 143 Jeffer									
7104 Bland Blvd	0.49	14000	G	99%	0%	0% 09		0%	F	0.088	F	0.51	15000	G	2012
		To				McManus	Blvd								
North		From:				Terminal							-	_	
99020 Ramp From Terminal A	4ve t0.2-3 66	4 W 9B0 (NB) aG E>	xit 978%	0%	0% 09		0%	F	0.107	F		960	G	2012
			<u> </u>			I-664 WB									
South		From		TERM	IINAL A	VENUE TO RO	OUTE 664 EA	STSOUTI	H					-	-
99020 Ramp	0.22	NA To-			Y	EDO:	DYAY	TIE		NA			NA		
			<u> </u>		1-664-E	FROM TERM		UE		<u> </u>					
0511- 01		From:	پ			Roanoke .	Ave				_	0.005	4700	_	0045
35th St		1600	G			0	***			0.09	F	0.625	1700	G	2012
		To:	1			Orcutt A	ve								

						ok ividiri	ichance A	Cu							
Route	Length AADT	QA	4Tire	Bus			Truck +Axle 1Tr		QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
tv of Newbort News	From	1				Chestnu	ıt Ave			-					
79th St	1900	G				Chestine	ıı Avc			0.091	F	0.506	2000	G	2012
	To					New Ma	rket Dr								
	From				_	Grant	t Dr							_	
Arline Dr	80	G				Lakesho	D			0.16	F	0.643	80	G	2012
	From	<u> </u>													
Atkins Ln	390	G				Fawn l	Lane			0.125	F	0.623	420	G	2012
	To	_				Oyster P	oint Rd				-				
	From					Deep (Creek								
Barclay Rd	1800	G								0.094	F	0.565	1900	G	201
	To					Steff									
Danah Du	From	<u> </u>				Henry C	lay Rd						F 400	_	004
Beech Dr	4900 _{To}	G			—	Teakwo	od Dr			NA			5400	G	201
	From					Burns									
Bruton Ave	2300	G				Duilis	Avc			0.126	F	0.555	2500	G	201
	To					Courtne	y Ave								
	From					25th	St								
Buxton Ave	5500	G								NA			6000	G	201
	Tn					SWCL H	lampton								
Contor Ava	From	L				Swann	Ave			0.106	_	0.612	440	0	201
Center Ave	380 _{To}	G			U.	S 17: Jeff	erson Ave			0.106	F	0.613	410	G	201
	From					Olive									
Chatsworth Dr	1400	G				Onve	DI			0.097	F	0.559	1500	G	201
	To					Euban	k Cir								
	From					Tanba	rk Dr								
Dresden Dr	1700	G								0.097	F	0.544	1800	G	201
	To					Almon									
Etna Dr	440	<u> </u>				Shellb	y Dr						440	_	204
Ellia Di	440	G			—	Beechm	ent Dr			NA T			440	G	201
	From					Denbigh									
Garrow Rd	1200	G				Denoigi	II DIVG			NA			1200	G	201
	To					Virgin	ia Dr								
	From					W. Caro	lyn Rd								
Glendale Rd	570	G								0.121	F	0.559	610	G	201
	To					E. Carol									
Over man Oim	From	L				Tabbs	Lane						4000	_	204
Gwynn Cir	1600 _{To}	G				Fische	er Dr			NA T			1600	G	201
	From					Roano									
Hampton Ave	1300	G				NOMIO.	ne Di			0.085	F	0.579	1300	G	201
·	To					Orcutt	Ave								
	From		-	-		Crestwo	ood Dr								
King wood Dr	320	G								0.103	F	0.507	340	G	201
	To					Ross									
Labrahari Dr	From					Warre	n Dr			0.004	_	0.00	4700		001
Lakeshore Dr	1600 _{та}	G				Sandr	a Dr			0.081	F	0.62	1700	G	201
	From	I													
Louise Dr	1900	G				Bayber	ıyυr			0.096	F	0.536	2100	G	201
	To					Cloverle	af Lane							_	
	From					48th									
Madison Ave	1300	G								0.074	F	0.554	1300	G	201
	To					49th	ST								

				***	arwick Maintenance Area							
Route	Length AADT	QA	4Tire	Bus	Truck2Axle 3+Axle 1Trail 2T	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
tv of Newbort News	From				TT A							
Madison Ave	1500	G			Hampton Ave		0.083	F	0.537	1600	G	2012
Madiooniii	To	Ť			21St Street		0.000	•	0.007	1000	Ū	2012
	From				30Th Street							
Madison Ave	1800 _{To}	G			210.0		0.106	F	0.654	1900	G	2012
		1			31St Street							
Madison Ln	2000	<u> </u>			Walnut Grove		0.102	F	0.502	4100	<u></u>	2011
Madison Ln	3900 _{то}	G			Crittenden St		0.103	Г	0.593	4100	G	2012
	From				River Rd		_					
Main St	1700	G			Kivei Ku		0.106	F	0.584	1800	G	2012
	To	:			Palen Ave		\exists					
	From	:			Ronald Dr							
Menchville Rd	2300	G					NA			2600	G	201
	To	:			Bernard Dr							
Manahailla Dal	From	<u> </u>			Nicewood Dr					0000	0	004
Menchville Rd	8900 _{To}	G			Youngs Rd		NA NA			9800	G	201
	From	:T										
Museum Dr	1800	G			Lakeside Dr		NA			1800	G	201
Maccain Di	To				US 60 Warwick Blvd		— i i i			1000	Ū	201
	From	:			Anderson Cir		i					
N Madison Lane	3000	G			- macison on		0.103	F	0.569	3200	G	201
	To	:			Cameron Dr							
	From	:			30th St							
Oak Ave	1000	G					0.088	F	0.542	1100	G	201
	To				31st St							
Oak Ave	1600	G			Hampton Ave		0.08	F	0.619	1700	G	201
Oak Ave	To				31st St		0.08		0.019	1700	G	201
	From	:			Warwick Blvd							
Old Courthouse Way	7600	G			wai wick bivu		NA			8300	G	201
	To				Hustings Lane							
	From				30Th Street							
Orcutt Ave	950	G					0.106	F	0.628	1000	G	201
	To	:			31St Street							
	From	:			Warwick Blvd							
Oriana Rd	9000	G					NA			9900	G	201
	To	:			Denbigh Blvd							
	From				Denbigh Blvd						_	
Ridgewood Pkwy	2600	G			D.U. D.		0.101	F	0.54	2800	G	201
	To	<u> </u>			Balthorpe Rd		<u> </u>					
Dt 440 Aimm and 1 at	From	<u> </u>			SR 143		0.070	_	0.700	2222	_	004
Rt 143 Airport Lot	3300 _{To}	G	Ma	Wnort N.	ews Williamsburg International Air	ort	0.078	F	0.729	3300	G	201
	From		ine	wport me		MI						
Snidow Blvd	5100	G			Warwick Blvd		NA			5600	G	201
Silidow Diva	3100 To	, <u> </u>			Barron Dr					3000	5	201
	From				Denbigh Blvd		<u> </u>					
Spaulding Dr	420	G			Denoigh bivu		NA			420	G	201
- F	To	Ţ,			Keswick Cir					0	-	
	From	:			Marvin Dr		İ					
Stanley Dr	1000	G					0.092	F	0.555	1100	G	201
-	To	:			Mckinley Dr							
	From	:			Wendfield Cir							
Traverse Rd	1100	G					0.120	F	0.585	1200	G	201
	To	:			Bayberry Dr							

					vva	I WICK IVIAII ILEI IAI	icc Aica							
Route	Length /	AADT	QA	4Tire	Bus	Tr 2Axle 3+Axle		QC	K Factor	QK	Dir Factor	AAWDT	QW	Yea
y of Newport News														
		From:				Warwick Blvo	<u>1</u>						_	
W Lucas Creek Rd		2500	G						0.152	F	0.537	2700	G	201
		To-				Hughes St								
		From:				Lakeshore Dr			ĺ					
Warren Dr		60	G						NA			60	G	201
		To:				Linda Dr								
		From:				Mac Neil Dr								
Wells Rd		190	G			Mac Nell Di			0.118	F	0.551	200	G	201
W Clis I Cu		To:	_			Deep Spring D	<u> </u>		0.110	•	0.001	200	O	201
		From:				Hampton Ave	:							
Wickham Ave		2400	G						0.095	F	0.504	2600	G	201
		To:				21st St								
		From:				30th Street								
Wickham Ave		1700	G						0.087	F	0.528	1800	G	201
		To:				31St Street								
		From:				Hemlock Rd								
Willow Dr		1100	G						0.097	F	0.540	1200	G	201
		To:				Latham Dr								
		From:				D: -11- D.4			i					
Woodside Ln		2500	G			Richneck Rd			0.104	F	0.675	2600	G	201
W OOUSIUE LIT		2500 To:	G						0.104	Г	0.075	2000	G	201
		From:				Aspen Dr Jouett Dr								
Woodside Ln		5800	G			Jouen Dr			NA			6400	G	201
Woodside Lil		JOUU To:	G			D 1:1 D1			INA			0400	G	201
		10.				Denbigh Blvc	<u> </u>							