

## **Data Services Division**

## TRUCK VOLUME MAPS BY COUNTY

2015 - 2017

# COUNTY ALLEGANY ANNE ARUNDEL BALTIMORE COUNTY BALTIMORE CITY CALVERT CAROLINE CARROLL CECIL

CHARLES DORCHESTER

FREDERICK

**GARRETT** 

HARFORD

**HOWARD** 

**KENT** 

MONTGOMERY

PRINCE GEORGE'S

**QUEEN ANNE'S** 

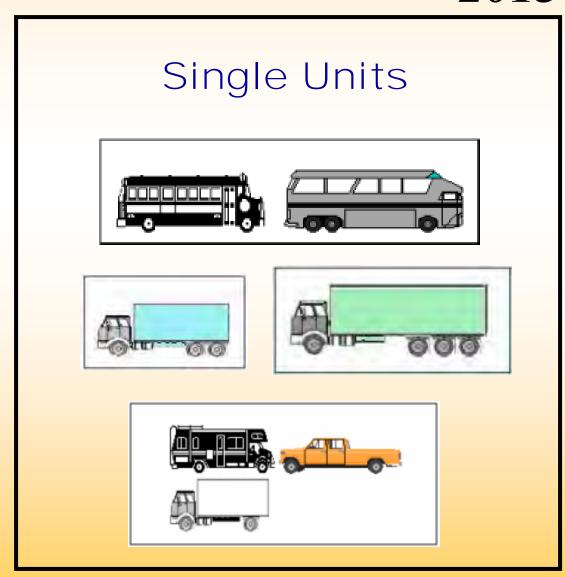
ST. MARY'S SOMERSET

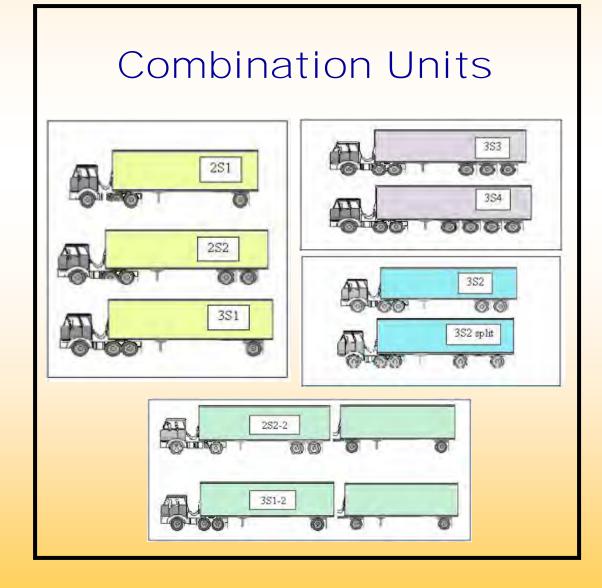
TALBOT

WASHINGTON

**WICOMICO** 

WORCESTER





## Truck Volume Maps Introduction

The Data Services Division's Traffic Monitoring System (TMS) Team administers the Maryland State Highway Administration's (SHA) Traffic Monitoring Program. The program is responsible for the collection, processing, analysis, summarization and dissemination of Maryland highway traffic data and is supported by a comprehensive, user friendly, management information system.

Traffic monitoring data is a strategic resource for SHA and Maryland's Department of Transportation. The data is essential in the planning, design and operation of the statewide road system and the development an implementation of state highway improvement and safety programs. TMS is a product of the ISTEA Act of 1991, which required a traffic data program to effectively and efficiently meet SHA's long-tem traffic data a monitoring and reporting requirements. The quality control feature of the system allow data edit checks and validation for data from the 91 permanent, continuous automatic traffic recorders (ATR's) and short-term (Program) traffic data.

The Maryland Truck Volume Maps depict the average percentages of trucks at various locations on Maryland's roadways by county. Classification data is collected from a percentage of the 8700 program count stations and 91 ATRs throughout the state of Maryland. Program count data is collected (both directions) at regular locations on either a three (3) year or six (6) year cycle depending on type of roadway. Growth Factors are applied to counts which were not taken during the current year and the counts are factored based on the past yearly growth of an associated ATR. Counters are placed for 48 hours on a Monday or Tuesday and are picked up that Thursday or Friday, respectively. The ATR and toll count data is collected on a continuous basis.

The Truck Volume maps have the data represented as percentages of the total traffic volume for the classification counts taken during the years 2015-2017. The truck data is split into two categories according to Federal Highway Administration (FHWA) guidelines, Single Units (classes 4-7) and Combination Units (classes 8-13). In case of multiple counts at the same locations and ATR data, the percentages are averaged over the entire data set for that station. The maps show two set of percentages, one next to the other. The first is the percentages of Single Units and the second is the percentage of Combination Units. A description of the two classes is given on "Description of Classes". Starting this year, the current Annual Average Daily Traffic (AADT) is shown above the percentages.

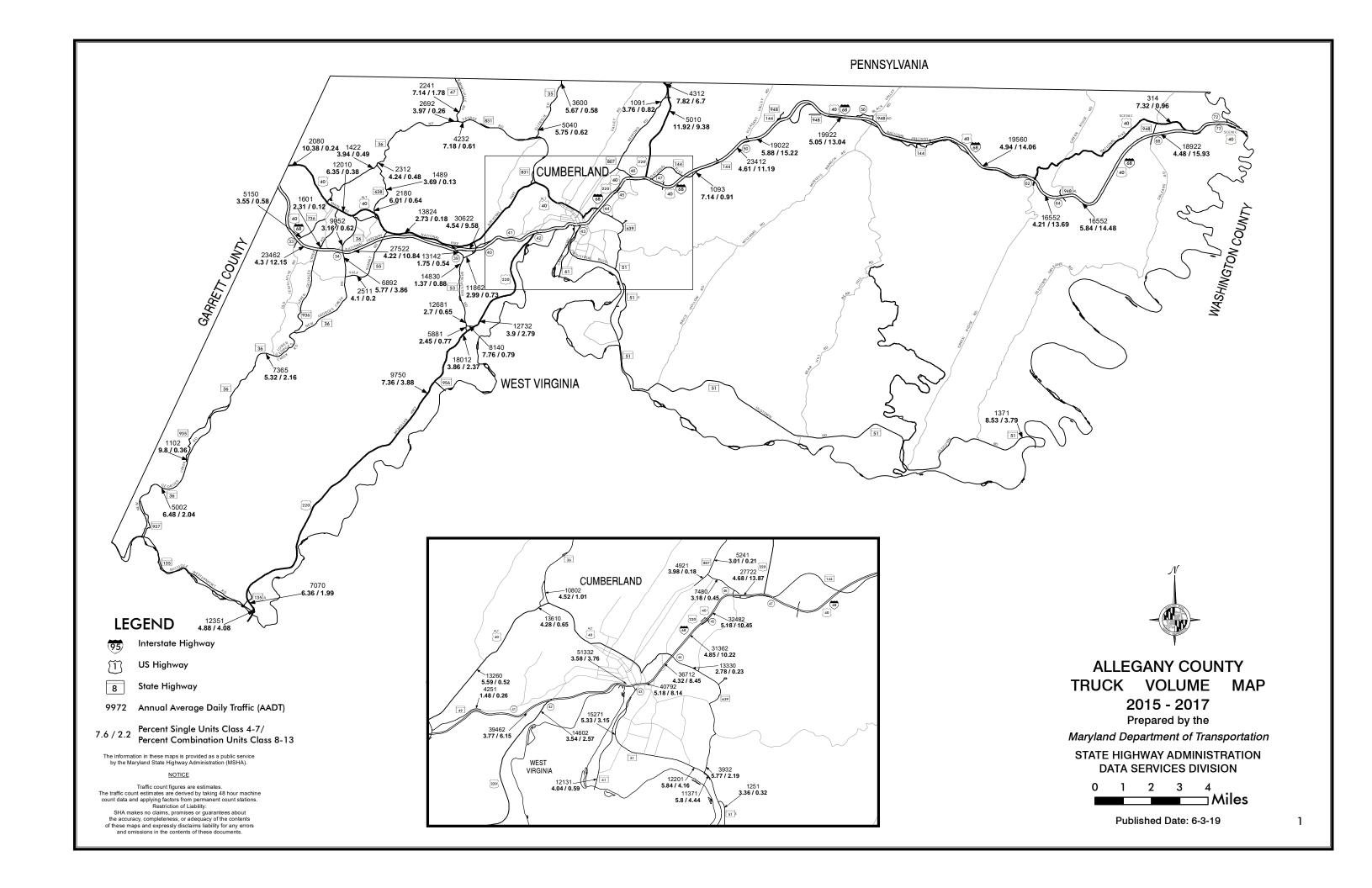
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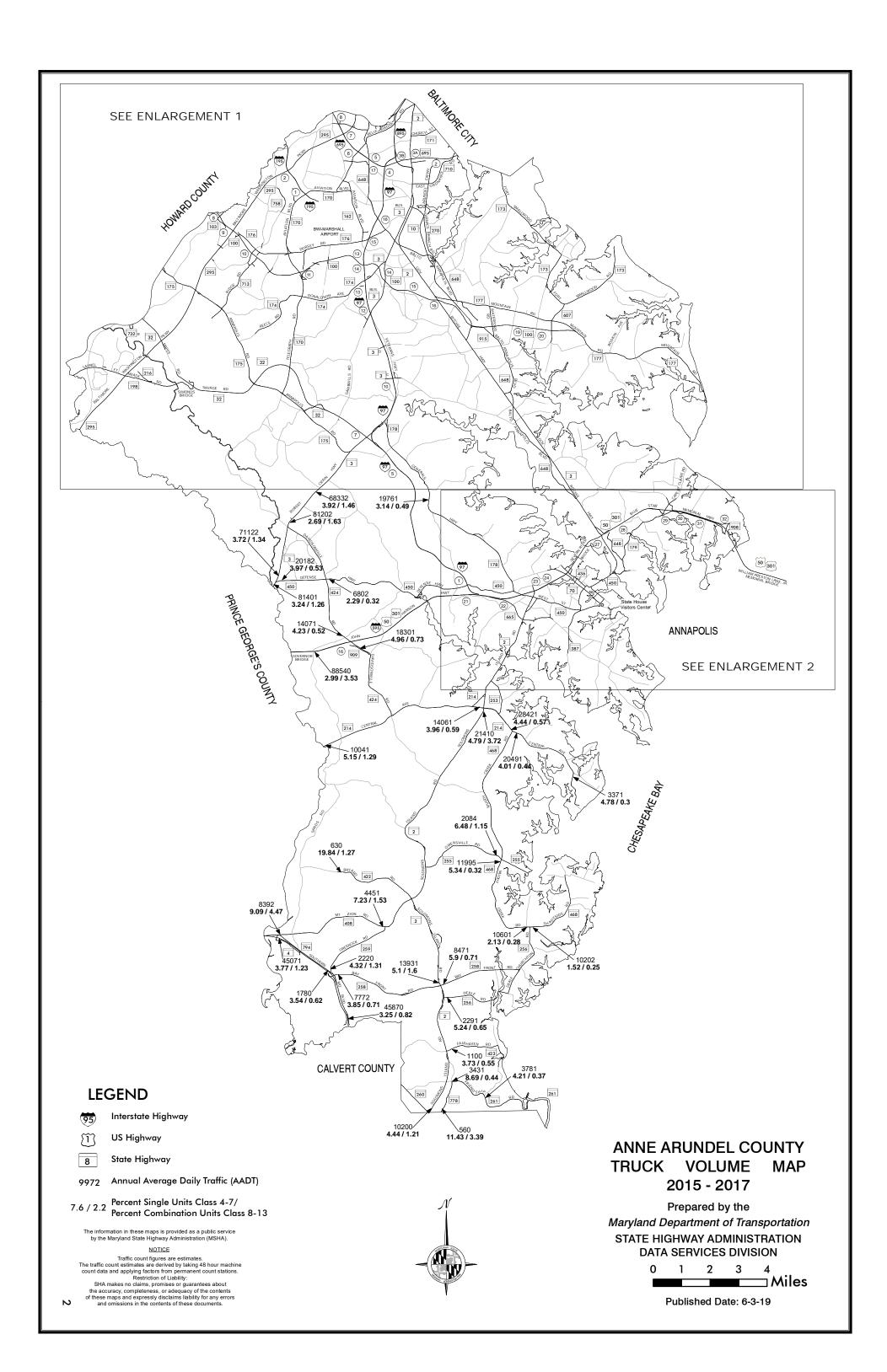
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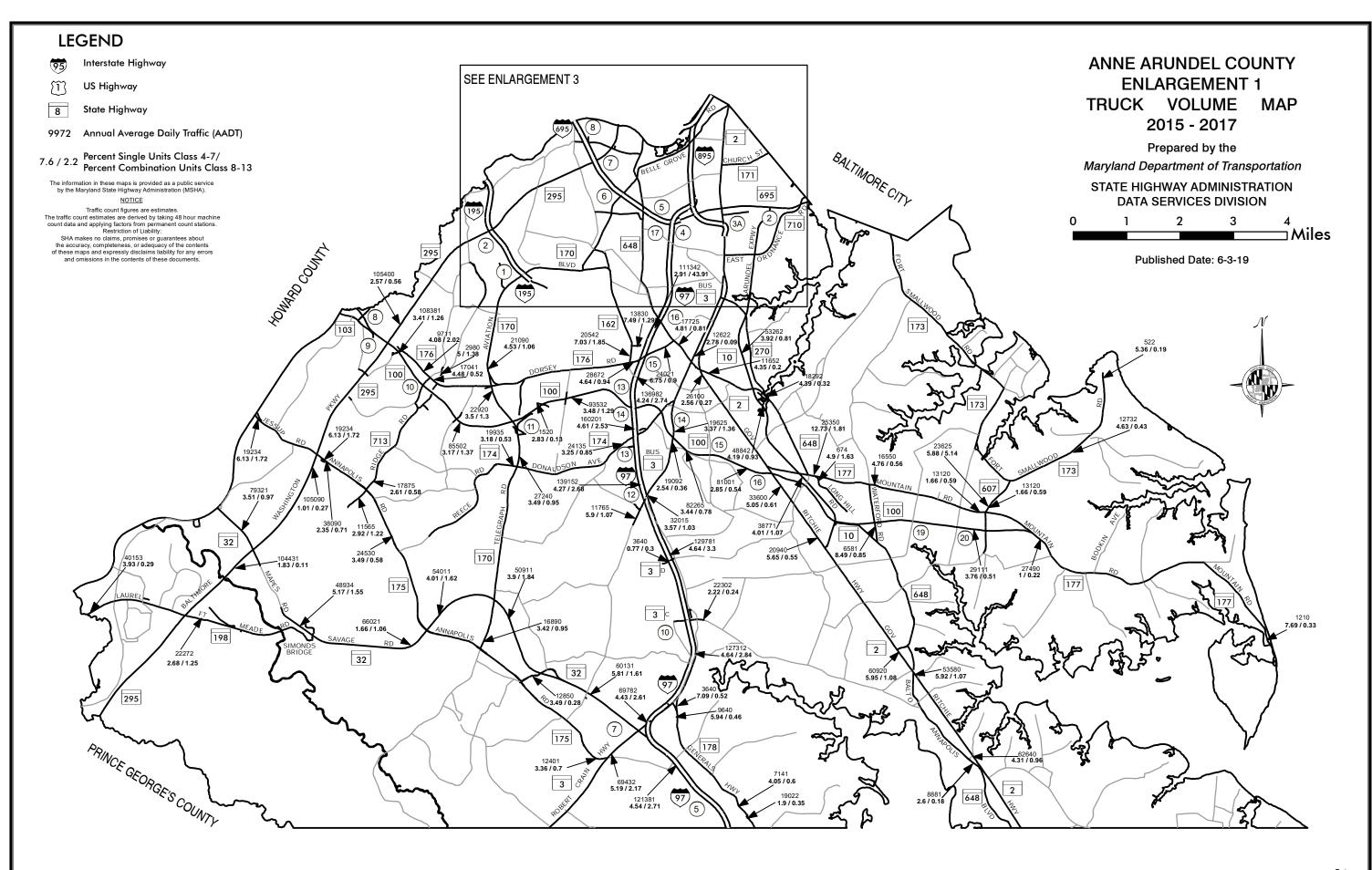
# Description of Classes

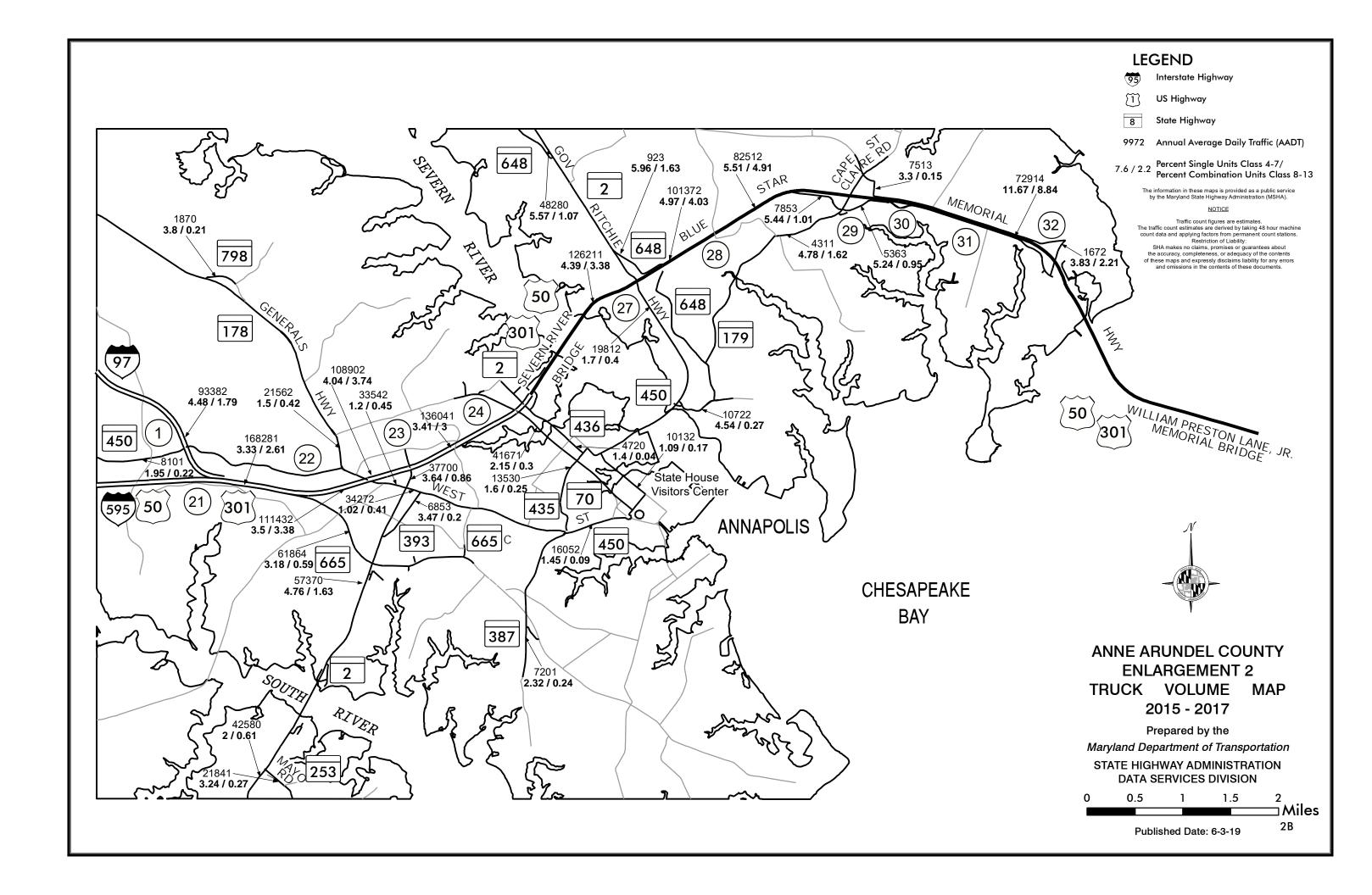
Single Units		Combination Units	
	<b>Buses</b> All vehicles manufactured as traditional passenger-carrying buses with two axles and six tires or three or more axles. This category includes only traditional buses (including school buses) functioning as passenger-carrying vehicles. Modified buses should be considered to be a truck and should be apprepriately elegatified.	2S1 2S2 3S1	Four or Fewer Axle Single-Trailer Trucks All vehicles with four or fewer axles consisting of two units, one of which is a tractor or straight truck power unit.
	be appropriately classified.	352 spin	Five-Axle Single-Trailer Trucks All five-axle vehicles consisting of two units, one of which is a tractor or straight truck power unit.
	<b>Two-Axle, Six-Tire, Single-Unit Trucks</b> All vehicles on a single frame including trucks, camping and recreational vehicles, motor homes, etc., with two axles and dual rear wheels.	353	Six or More Axle Single-Trailer Trucks All vehicles with six or more axles consisting of two units, one of which is a tractor or straight truck power unit.
		251-2	Five or fewer Axle Multi-Trailer Trucks All vehicles with five or fewer axles consisting of three or more units, one of which is a tractor or straight truck power unit.
	Three-Axle Single-Unit Trucks All vehicles on a single frame including trucks, camping and recreational vehicles, motor homes, etc., with three axles.	252-2	<b>Six-Axle Multi-Trailer Trucks</b> All six-axle vehicles consisting of three or more units, one of which is a tractor or straight truck power unit.
	Four or More Axle Single-Unit Trucks All trucks on a single frame with four or more axles.	352-2	<b>Seven or More Axle Multi-Trailer Trucks</b> All vehicles with seven or more axles consisting of three or more units, one of which is a tractor or straight truck power unit.

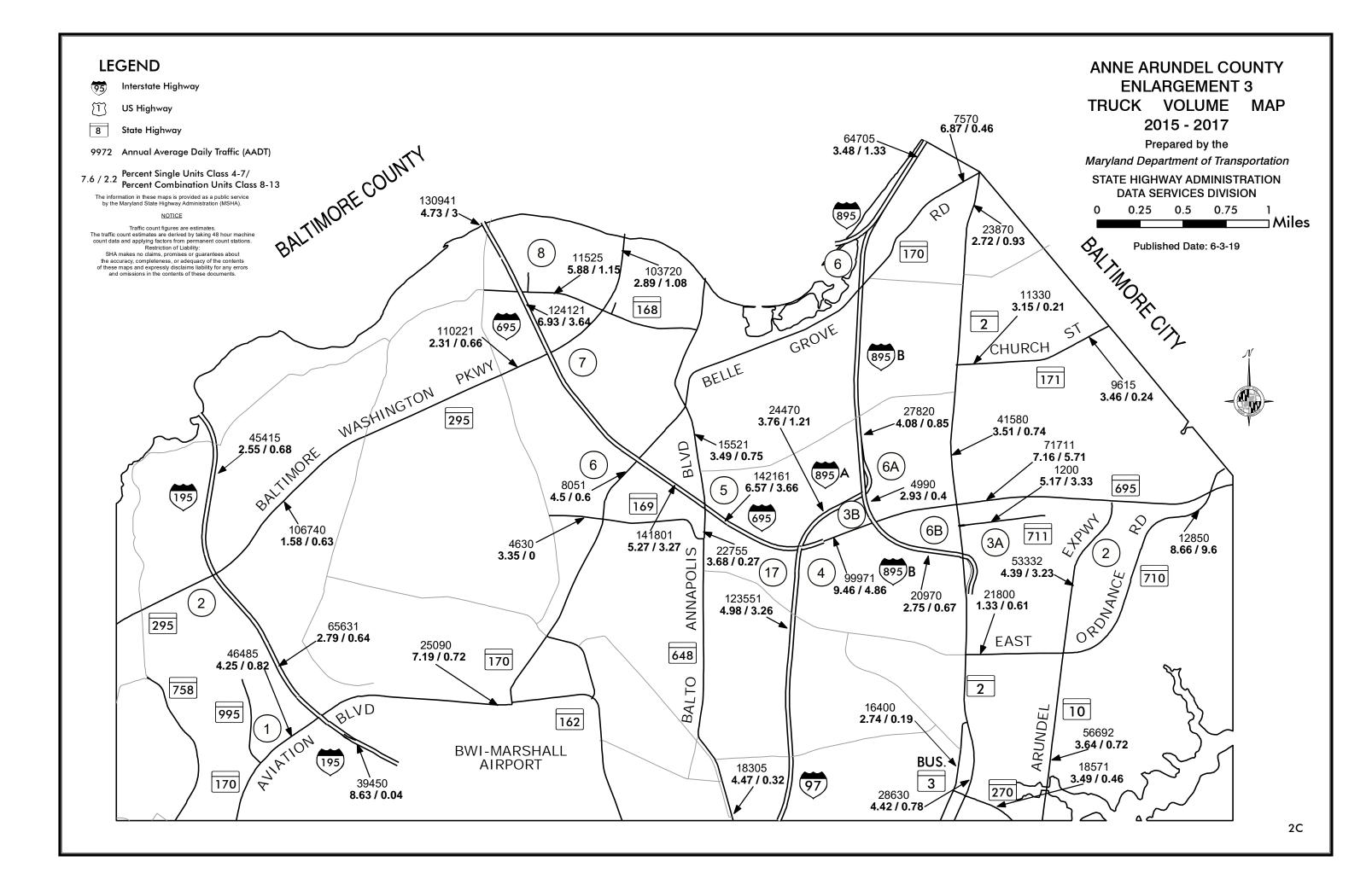
• The descriptions are taken from the Traffic Monitoring Guide, from the FHWA's website

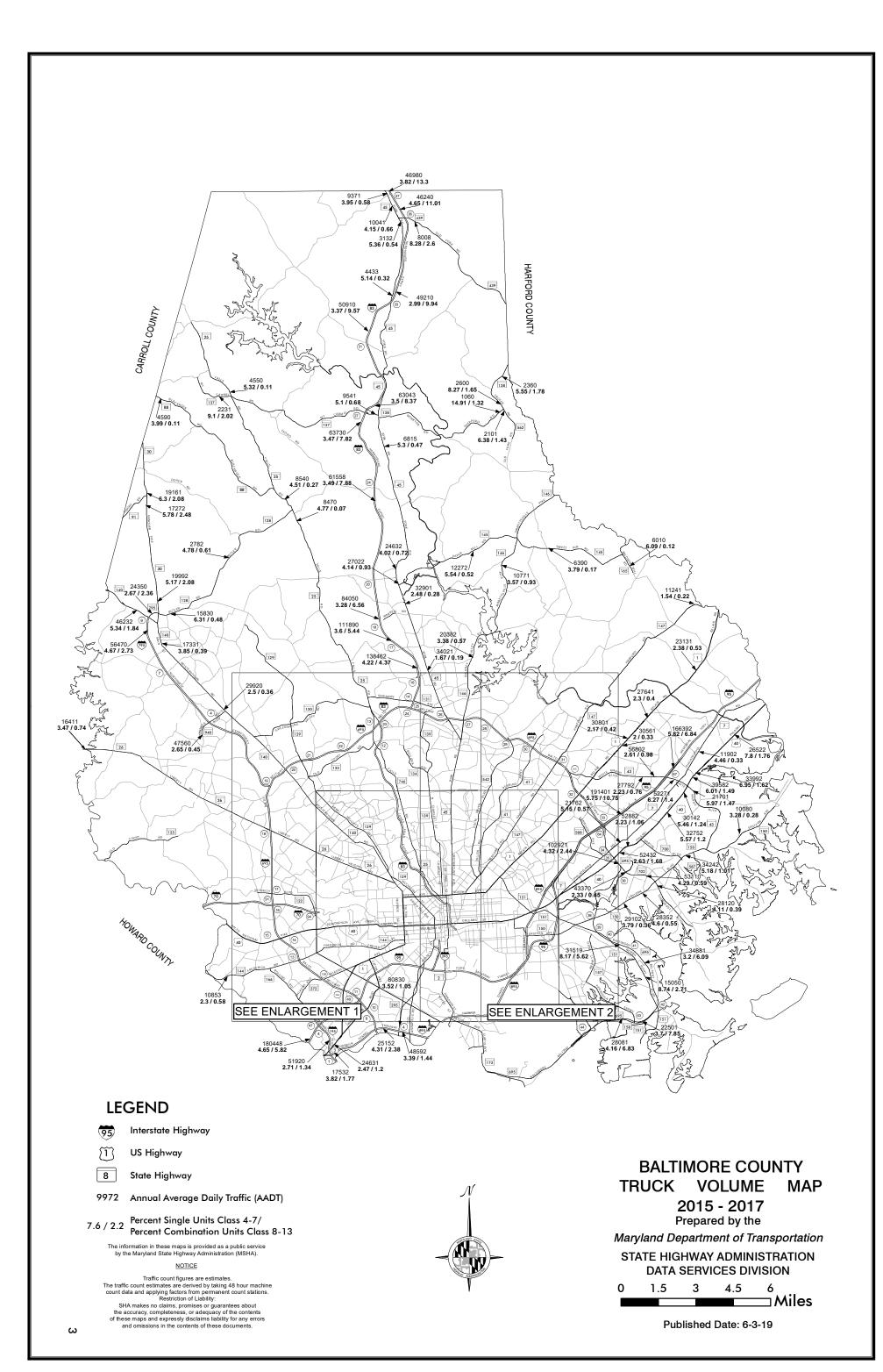


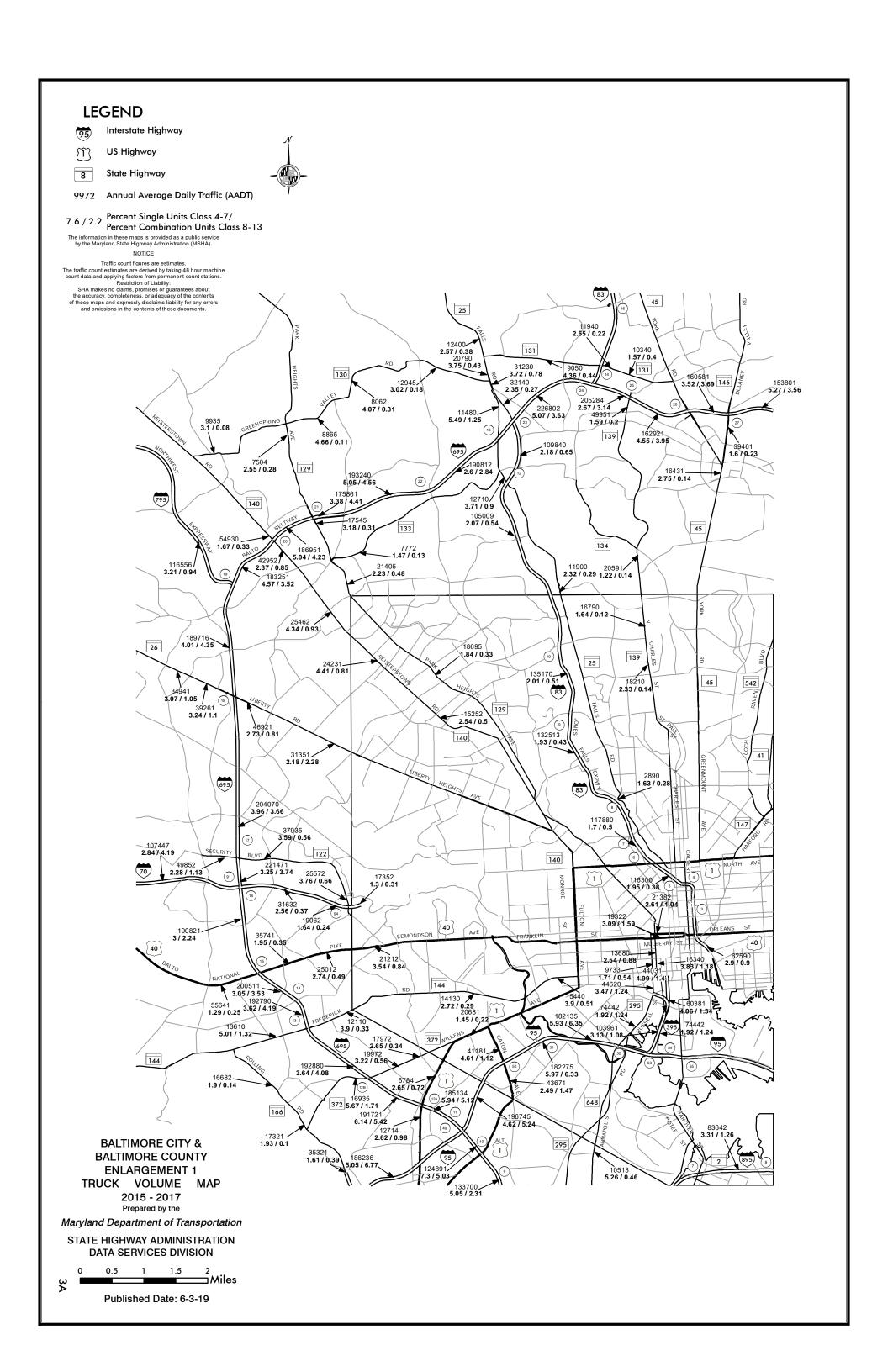


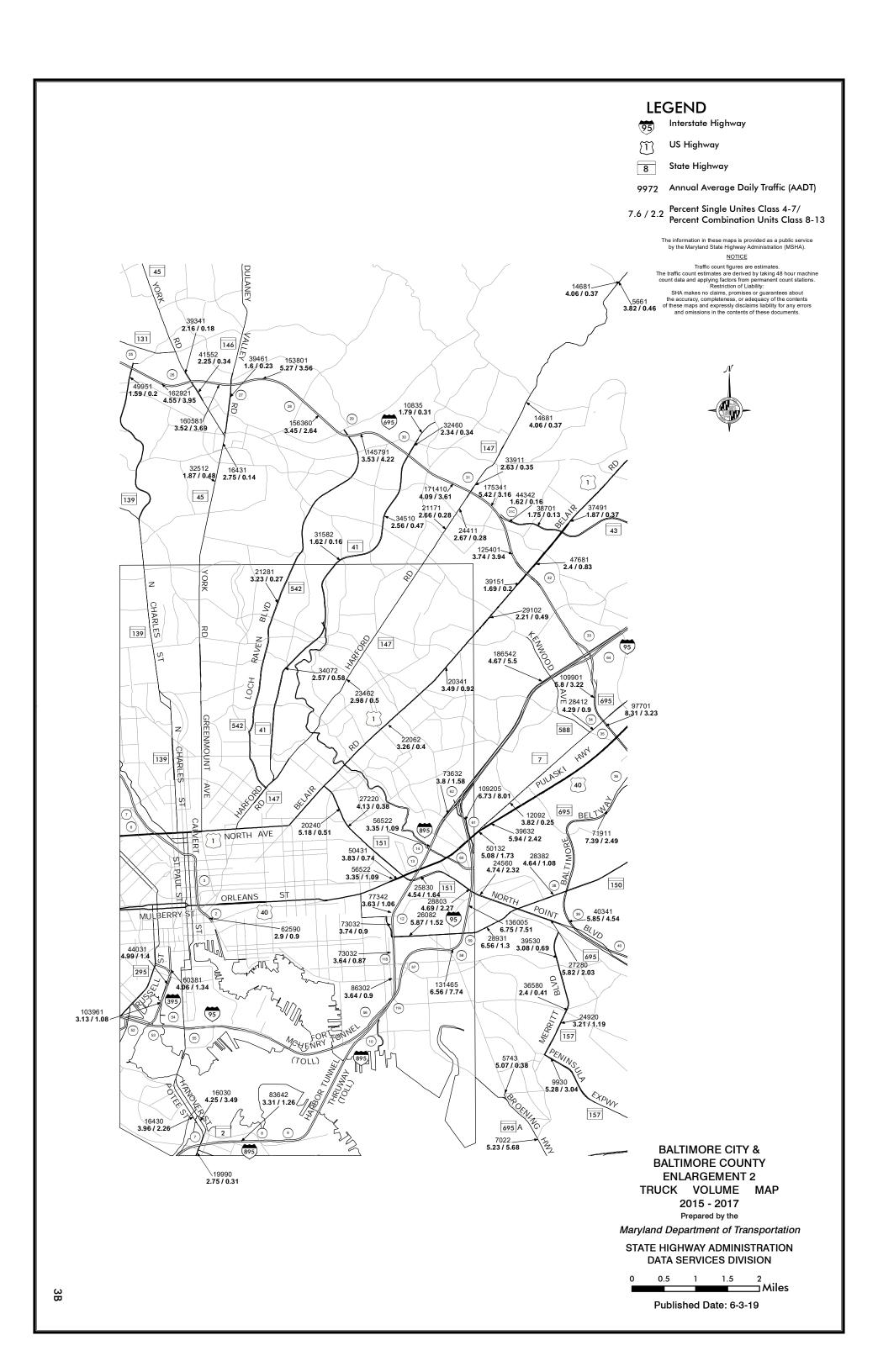


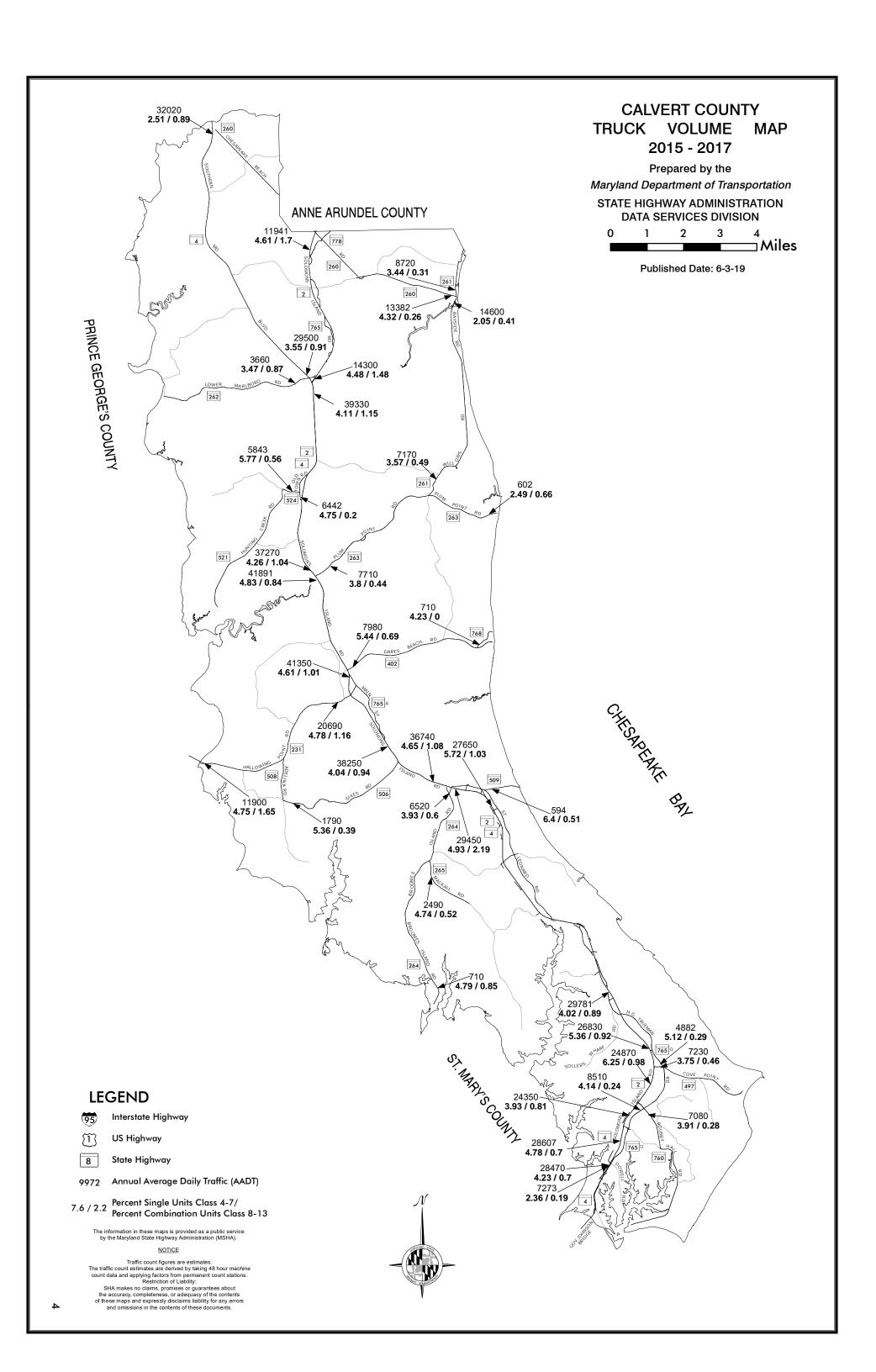


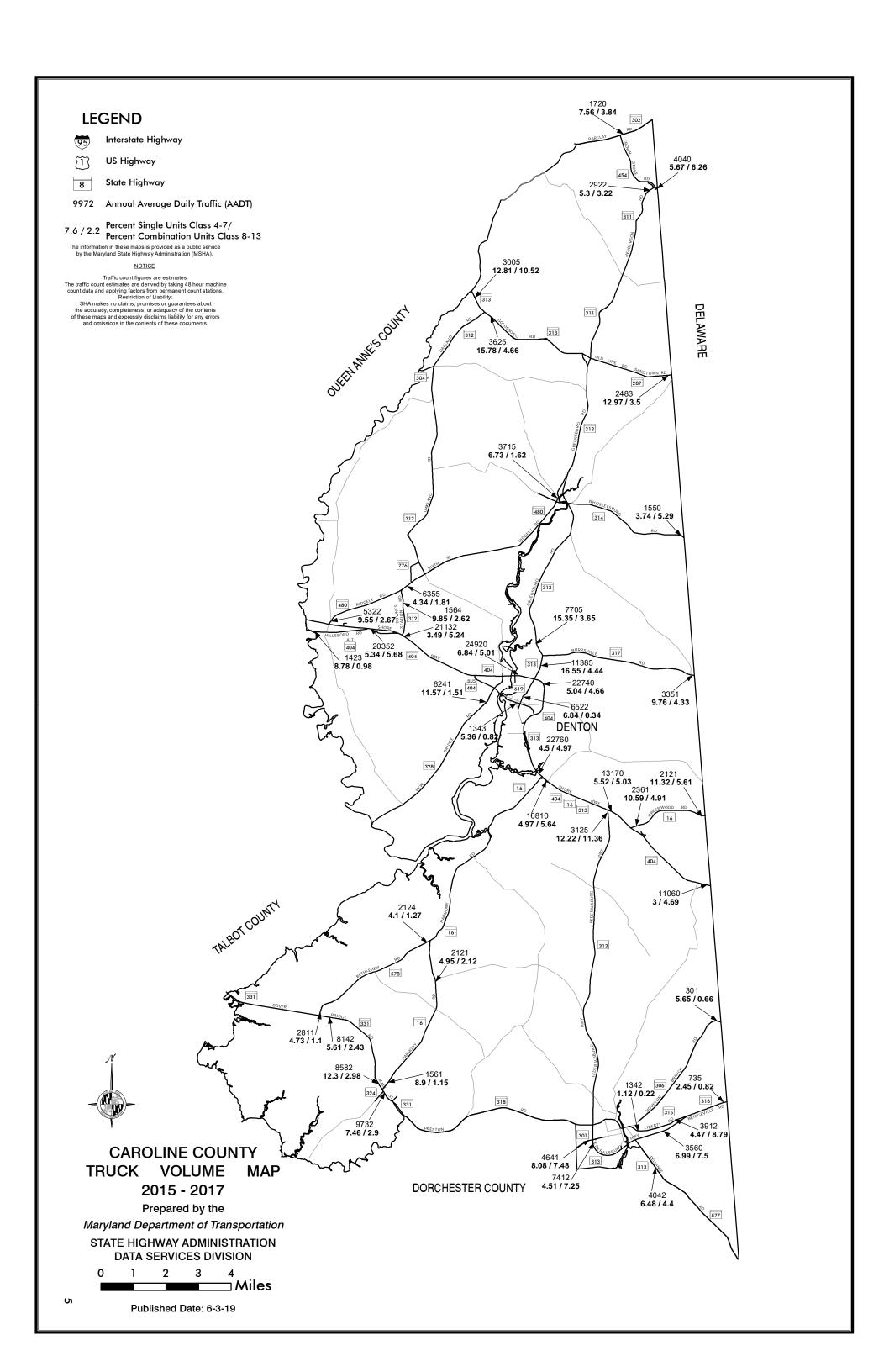




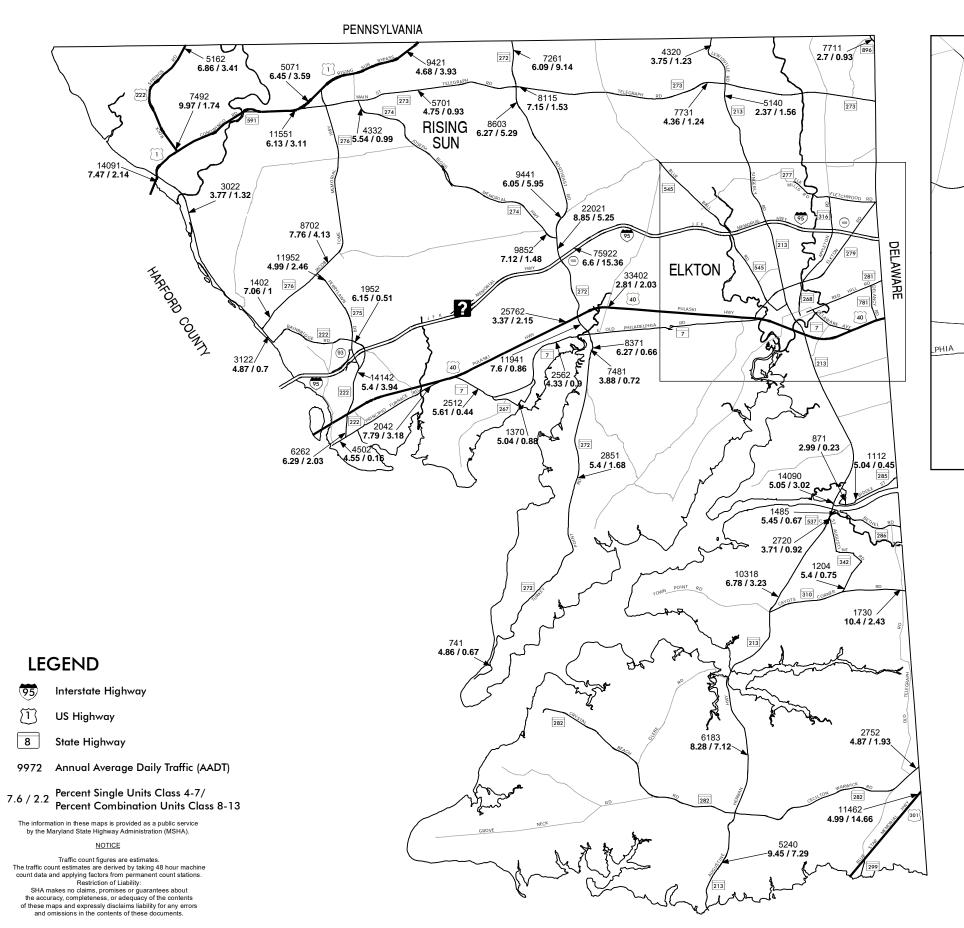


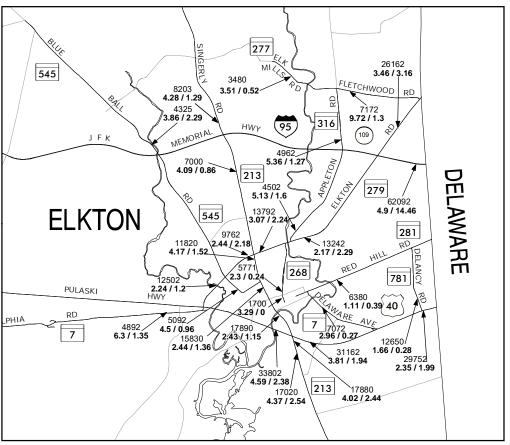






#### **PENNSYLVANIA** 7.08 / 2.54 **7.9 / 1.41 5.22 / 2.31** 13001 / 7.74 / 2.42 **4.19 / 1.48 7.95 / 2.5 4.52 / 1.28 5.54 / 2.16 5.79 / 2.52 5.82 / 2.23 7.61 / 1.23** 5342 / **7.49 / 4.81 8.89 / 4.51** 3.3 / 0.62 **6.03 / 1.69** 12872<sup>30</sup> 5.03 / 4.06 8181 5.27 / 0.68 / <sub>11421</sub> 5.67 / 1.32 **8.87 / 2.55** 4.<mark>61</mark> / 1.1 5.29 / 1.89 25772 5.07 / 2.29 97 5.74 / 1.43 52442 3.86 / 1.25 **8.44 / 0.9 8.78 / 4.6** 12382-3.22 / 3.18 15170 4.13 / 0.49 5.65 / 0.91 - 20182 **6.52 / 0.95** 5.46 / 1.59 4.39 / 1.11 8932— **8.56 / 2.54** 4.38 / 1.28 WESTMINSTER **8.64 / 1.31** 6.2 / 1.74 **9.19 / 4.35** 9.61 / 9.57 (6.1)1 / 1.65 5.65 / 2.78 2.19 / 0.07 4.18 / 1.58 **8.93 / 6.46 5.41 / 0.48 5.66 / 1.68 2.39 / 1.55 6.35 / 2.54 4.69 / 2.08 1.77 / 0.72** 5.31 / 0 5.52 / 0.71 32 4.95 / 0.85 91 **4.53 / 2.24** 7.74 / 2.1 **2.4 / 0.2 5.36 / 1.68 6.52 / 1.4 3.97 / 0.69** 3.62 / 0.68 **2.74 / 0.14** 32 **6.41 / 2.04 5.25 / 8.85** 1.66 / 0.24 **5.95 / 1.32** 28872 — **5.06 / 1.57 HOWARD COUNTY LEGEND** Interstate Highway **US Highway CARROLL COUNTY** State Highway TRUCK VOLUME MAP 9972 Annual Average Daily Traffic (AADT) 2015 - 2017 7.6 / 2.2 Percent Single Units Class 4-7/ Percent Combination Units Class 8-13 Prepared by the Maryland Department of Transportation The information in these maps is provided as a public service by the Maryland State Highway Administration (MSHA). STATE HIGHWAY ADMINISTRATION NOTICE **DATA SERVICES DIVISION** Traffic count figures are estimates. The traffic count estimates are derived by taking 48 hour machine count data and applying factors from permanent count stations. Restriction of Liability: SHA makes no claims, promises or gurantees about the accuracy, completeness, or adequacy of the contents of these maps and expressly disclaims liability for any errors and omissions in the contents of these documents. → Miles Published Date: 6-3-19







# CECIL COUNTY TRUCK VOLUME MAP 2015 - 2017

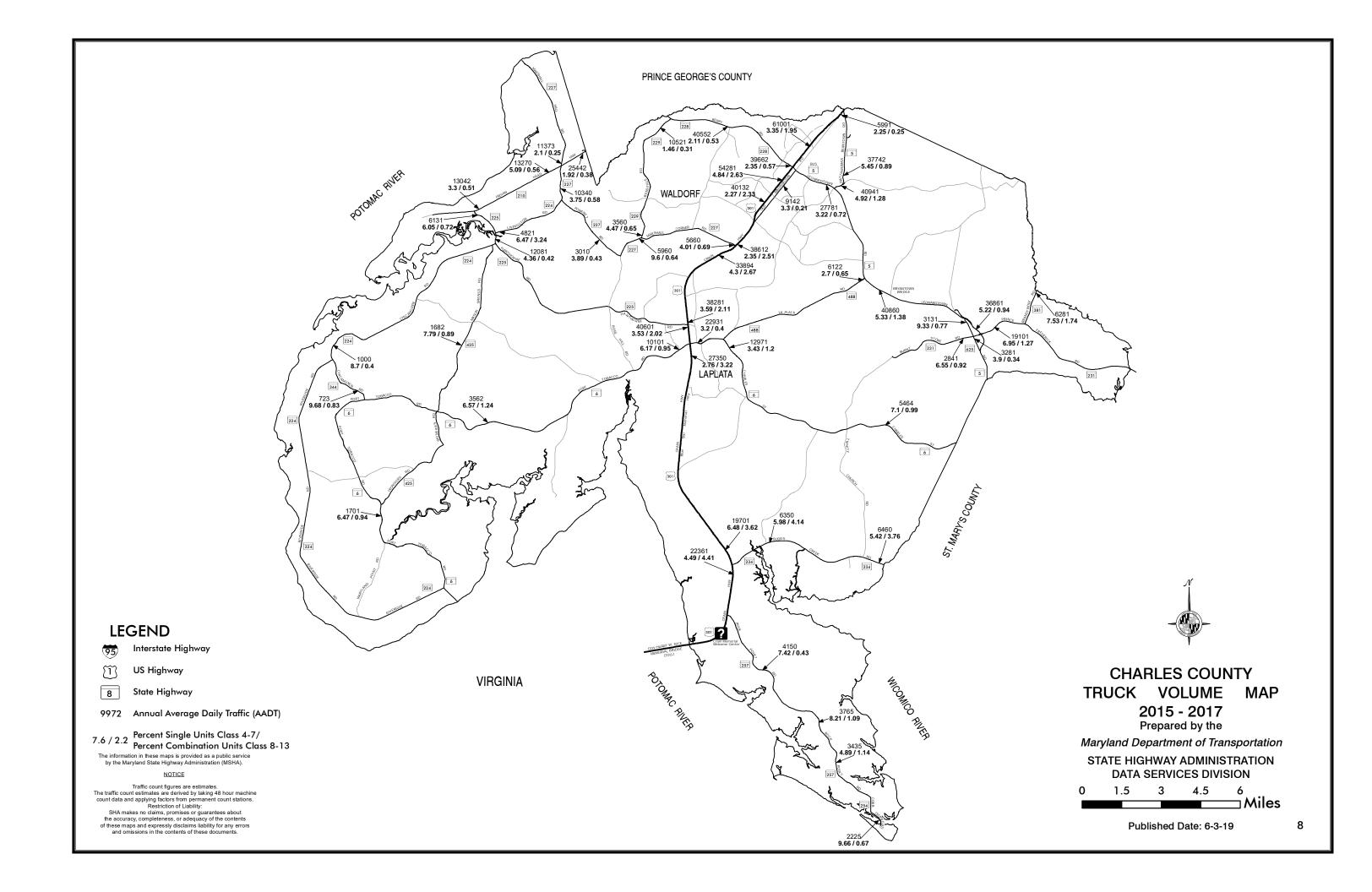
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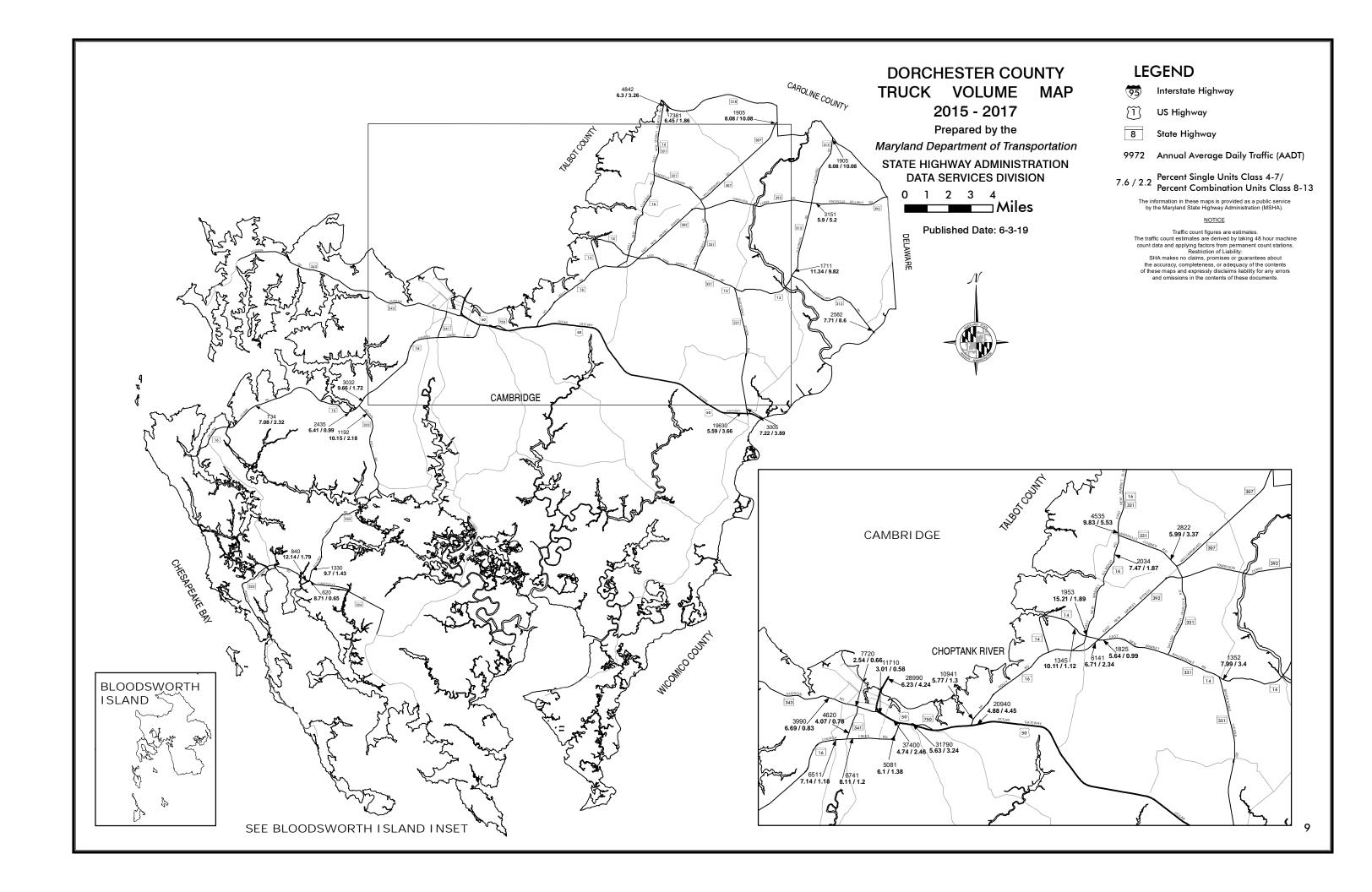
Maryland Department of Transportation

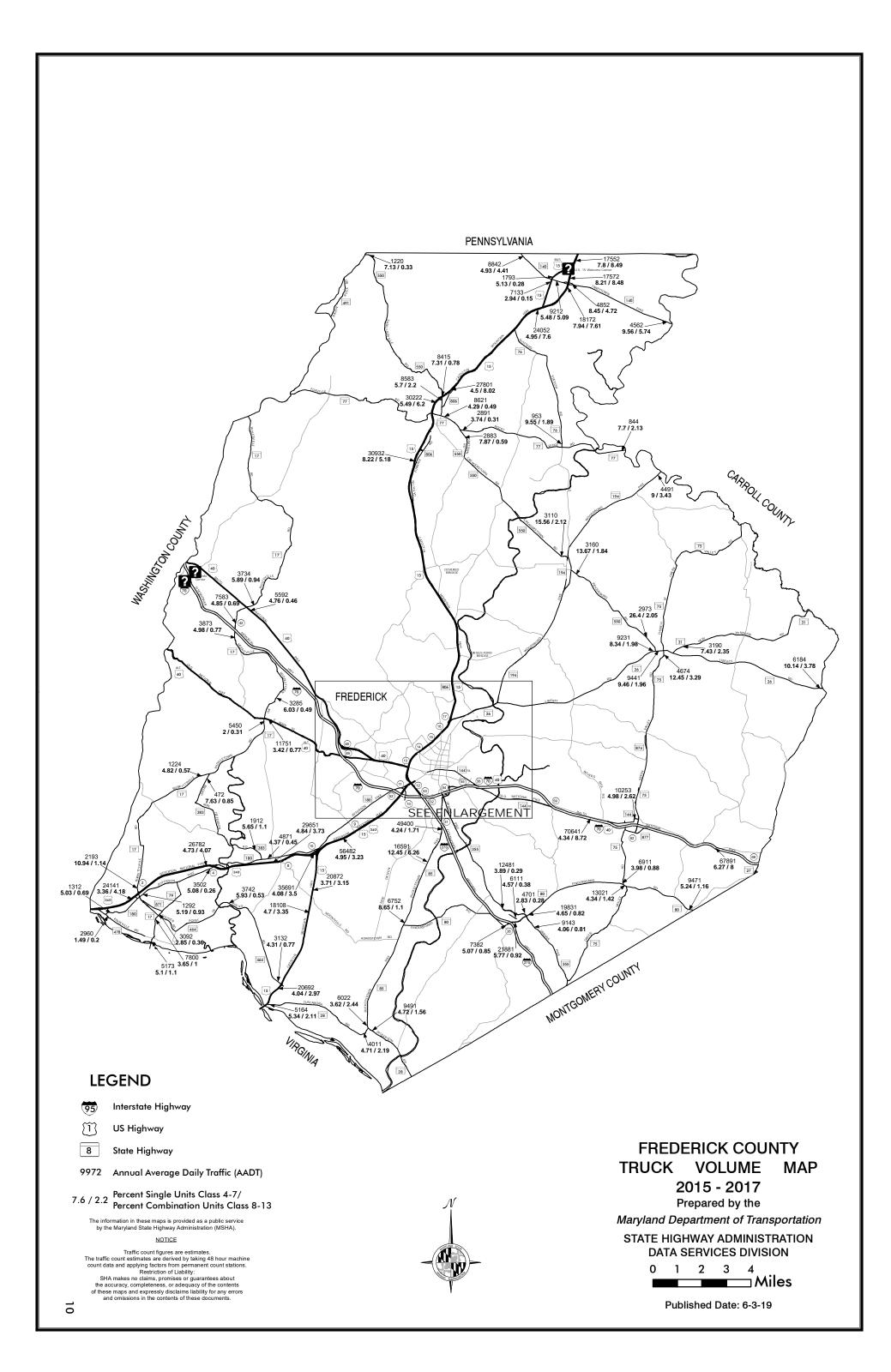
STATE HIGHWAY ADMINISTRATION DATA SERVICES DIVISION

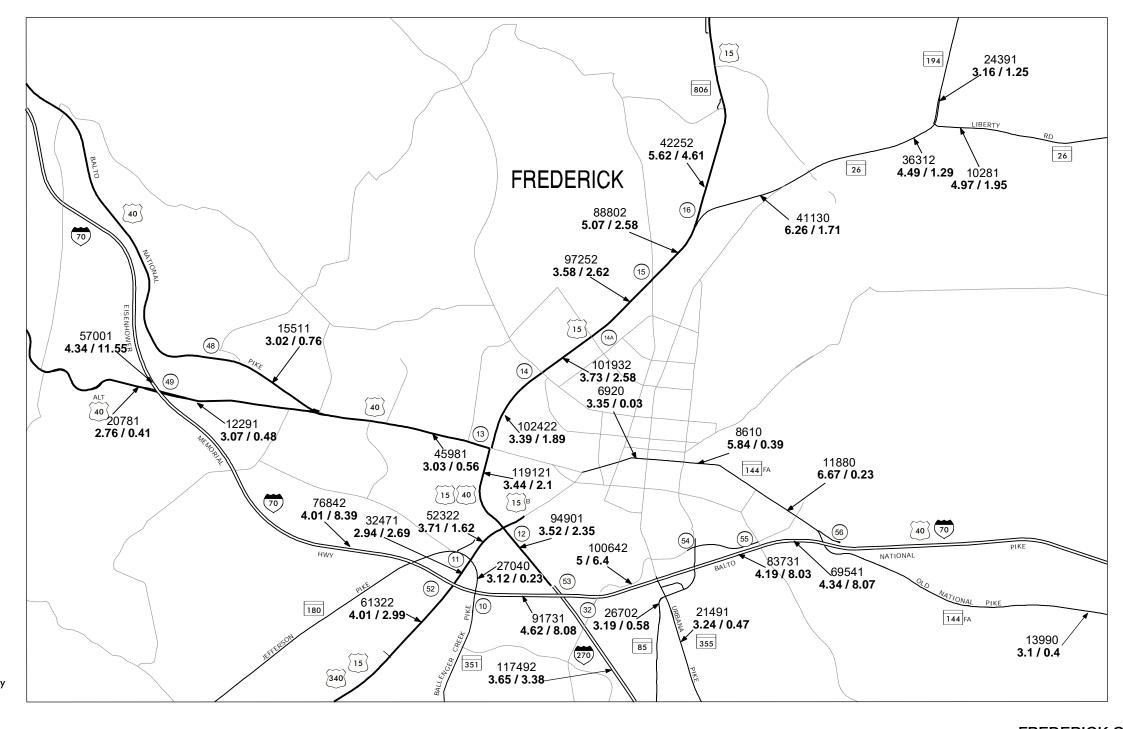


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Interstate Highway



**US Highway** 



State Highway

9972 Annual Average Daily Traffic (AADT)

Percent Single Units Class 4-7/ 7.6 / 2.2 Percent Combination Units Class 8-13

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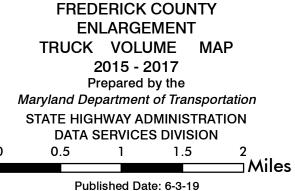
NOTICE

Traffic count figures are estimates.

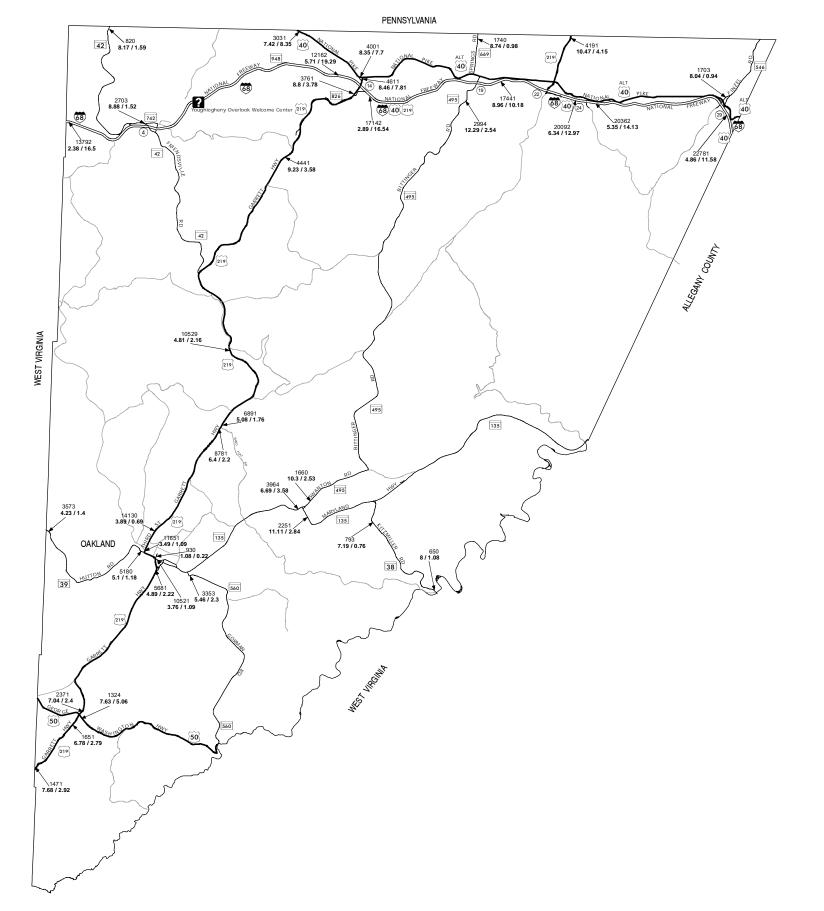
The traffic count estimates are derived by taking 48 hour machine count data and applying factors from permanent count stations.

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Interstate Highway

**US** Highway

8 State Highway

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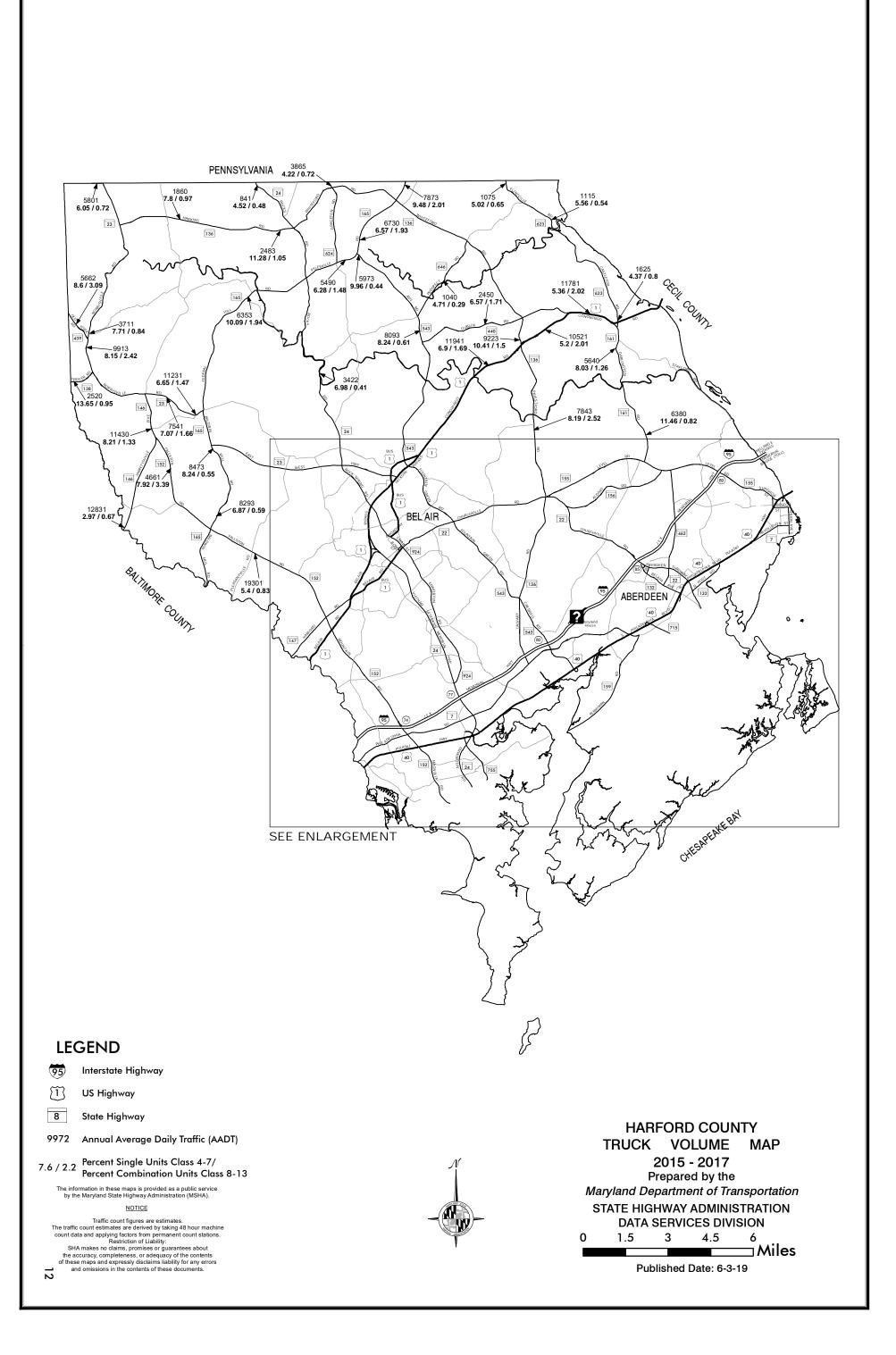


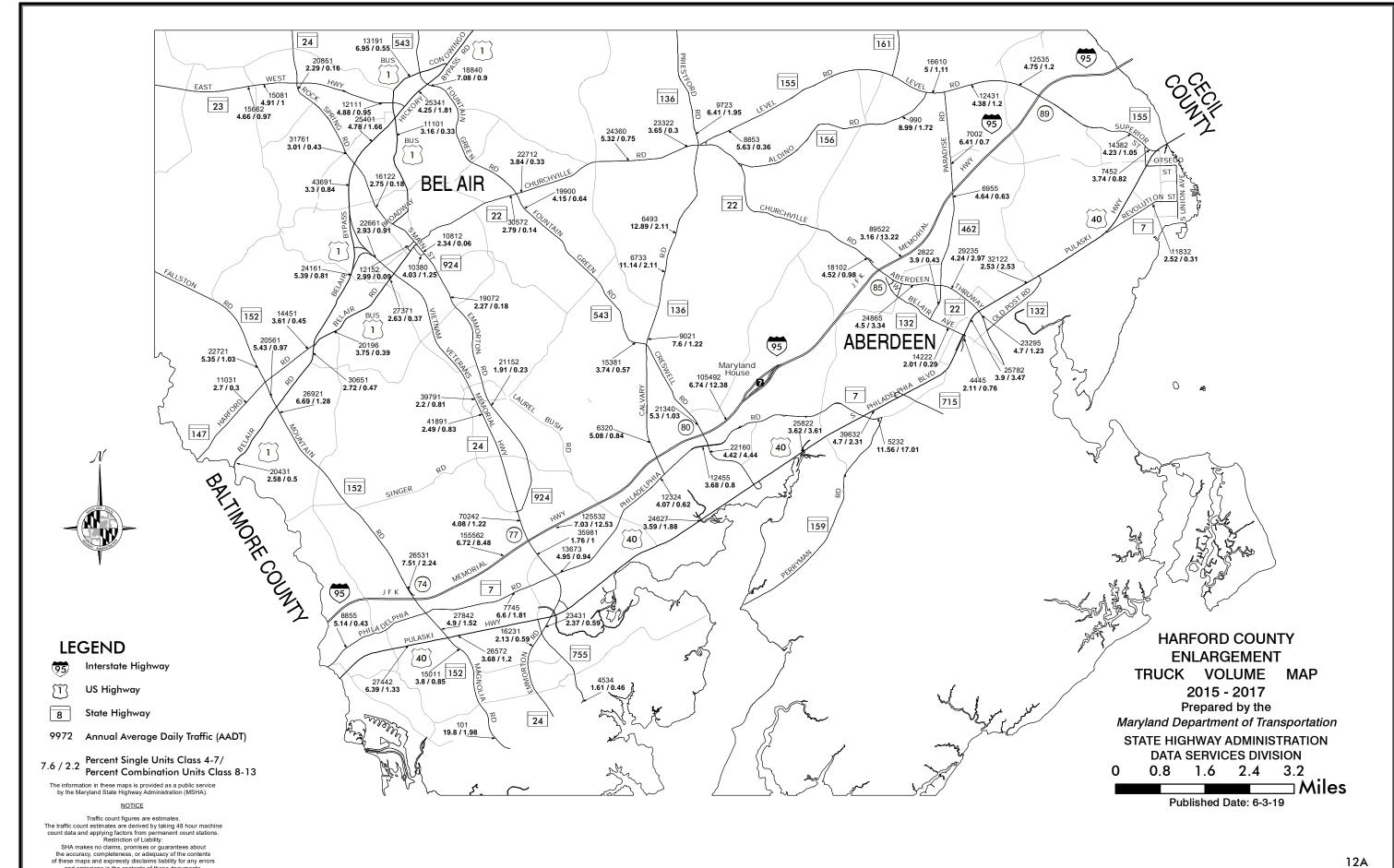
**GARRETT COUNTY** TRUCK VOLUME MAP 2015 - 2017

Prepared by the Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION **DATA SERVICES DIVISION** 

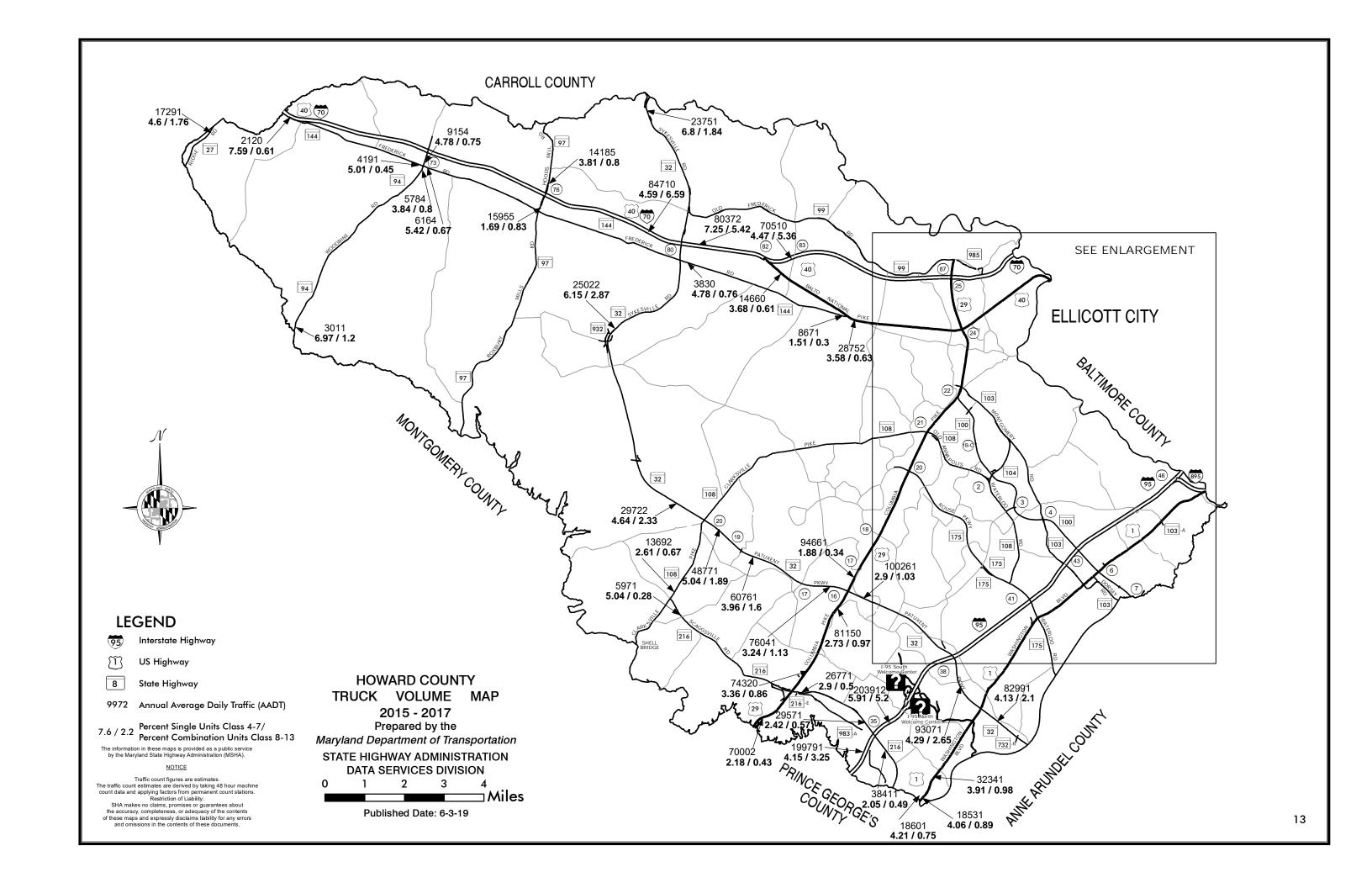


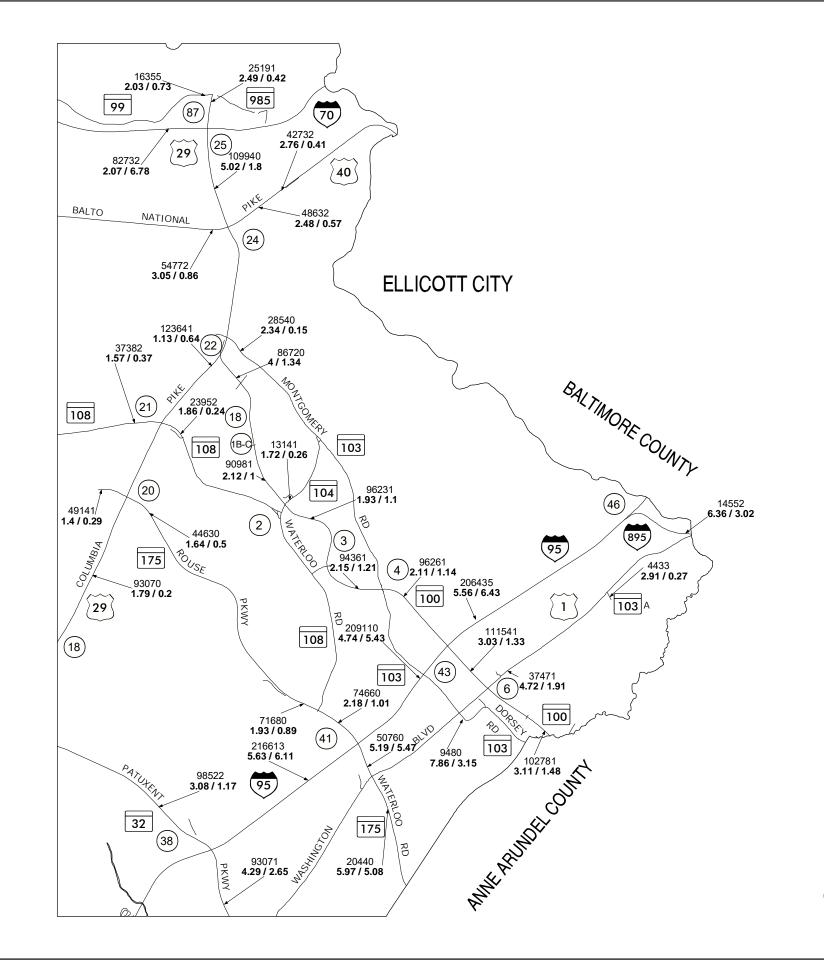
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Interstate Highway

**US Highway** 

State Highway

9972 Annual Average Daily Traffic (AADT)

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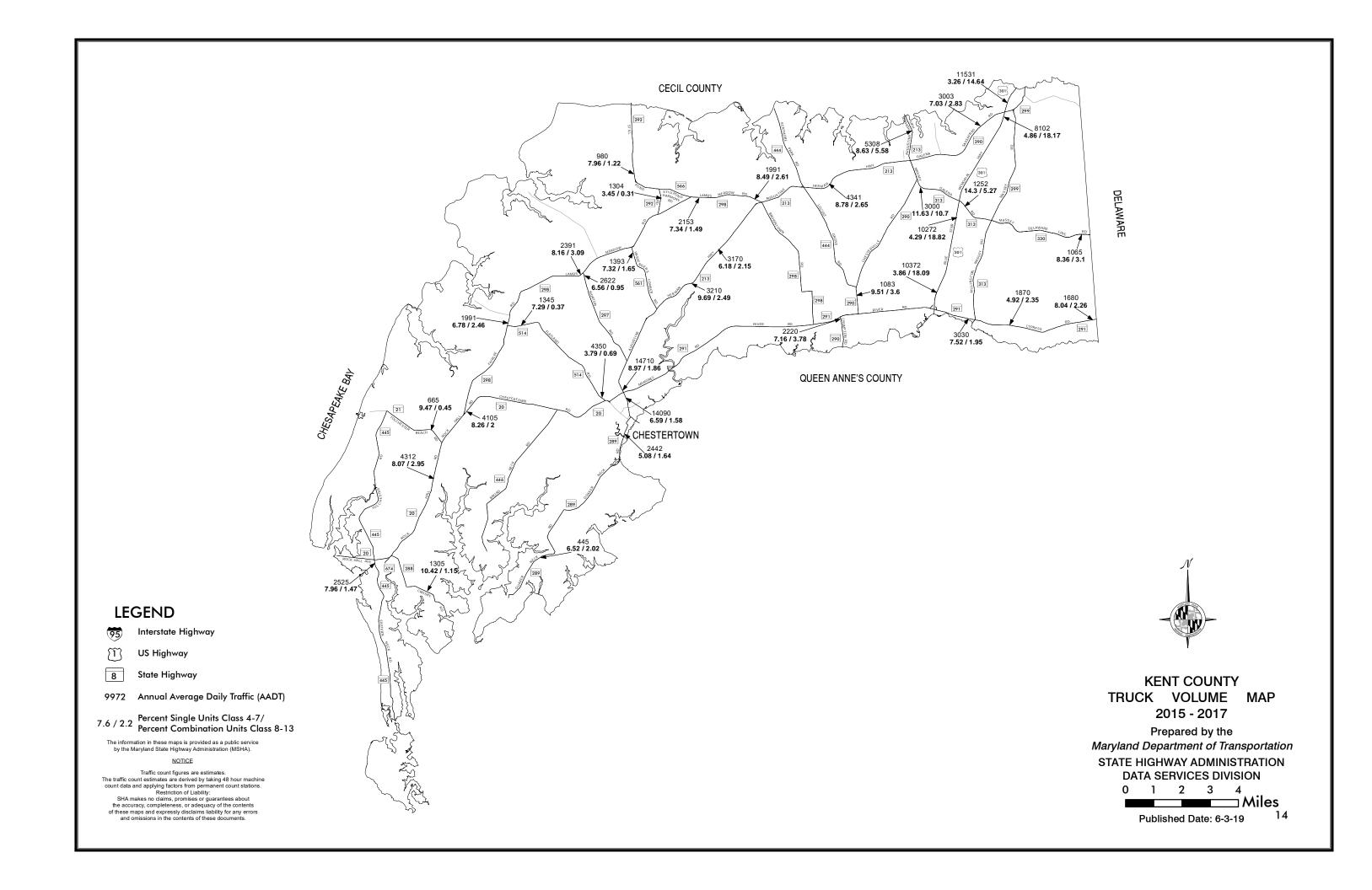
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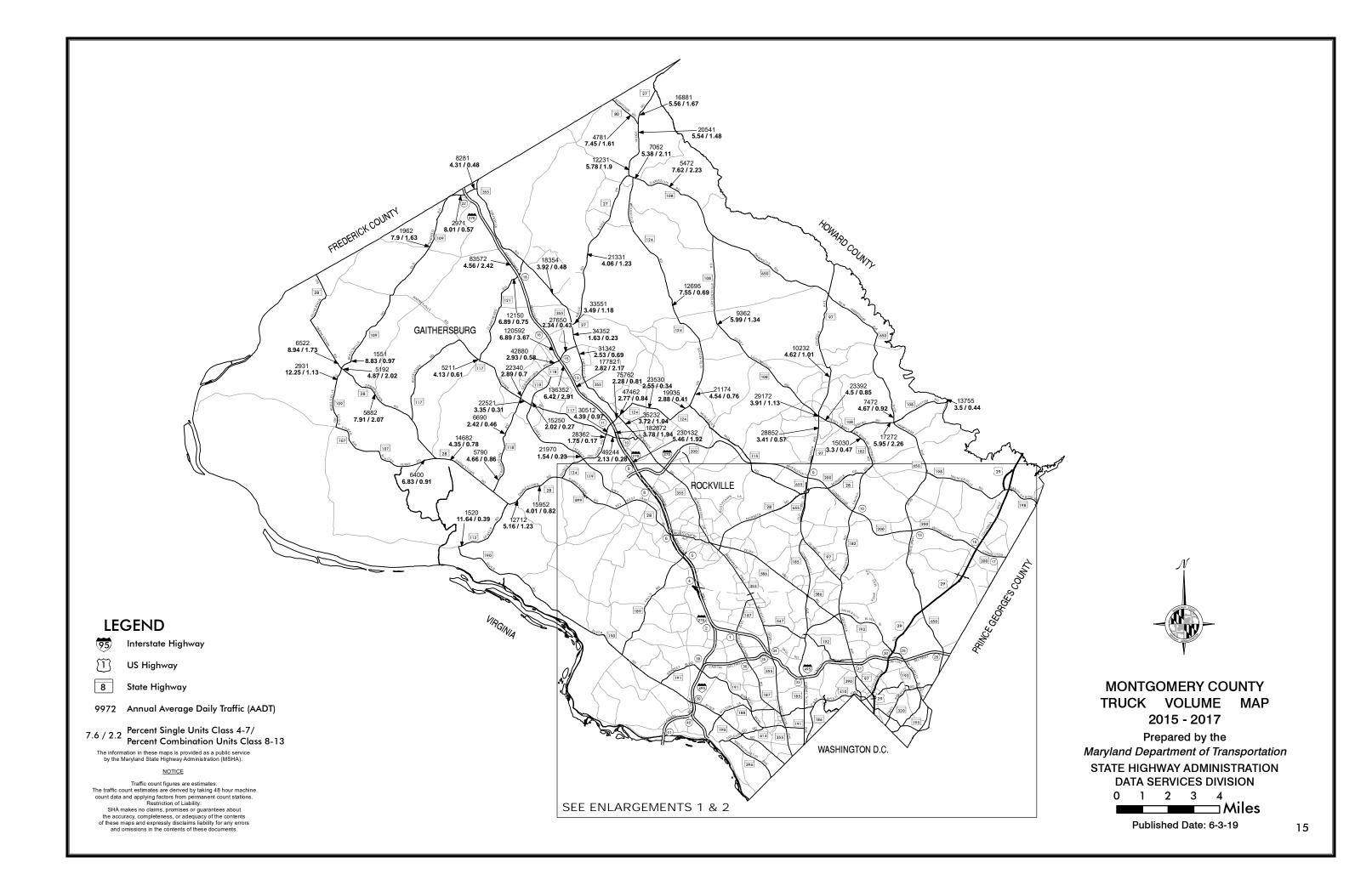


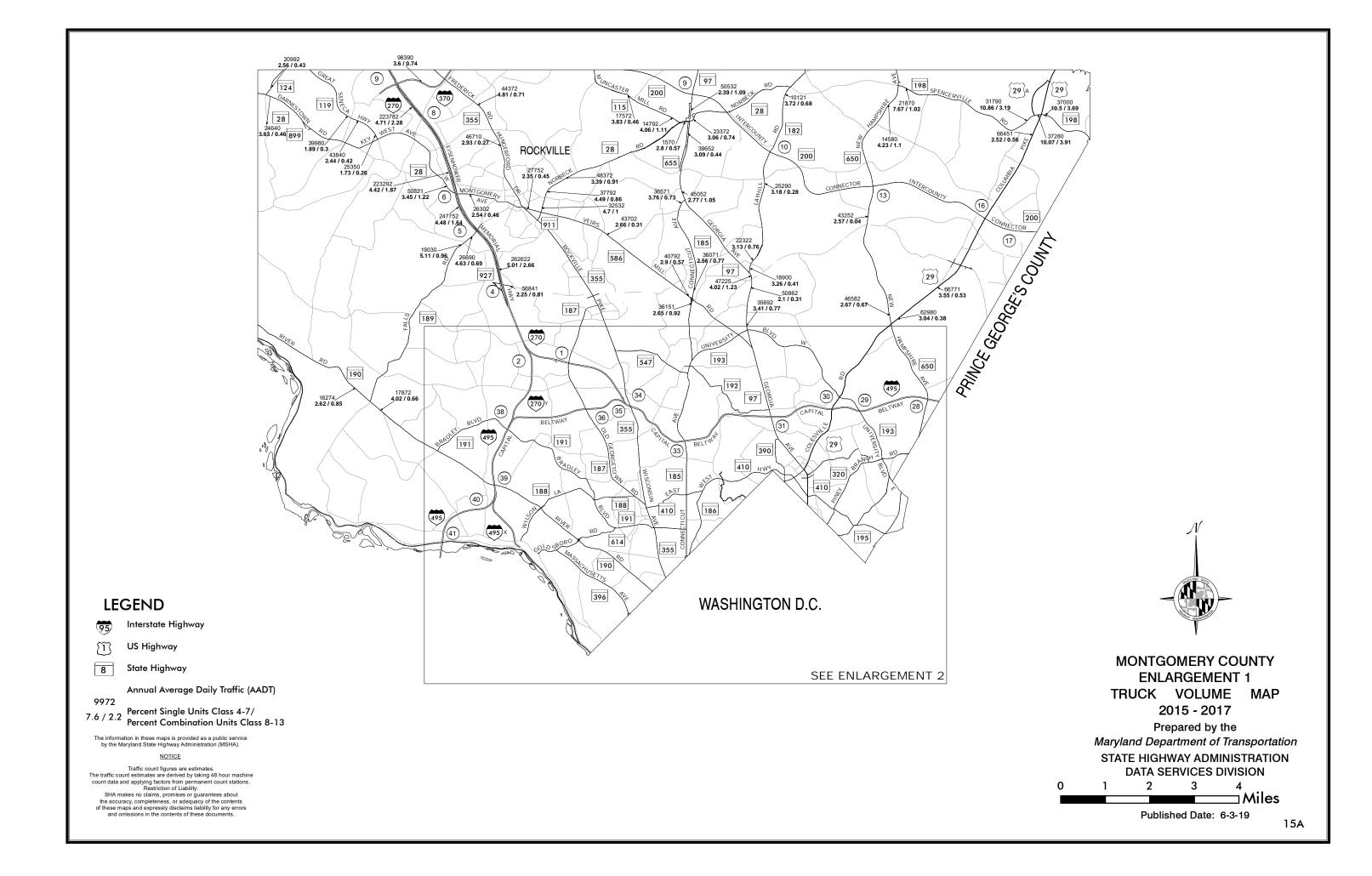
**HOWARD COUNTY ENLARGEMENT** TRUCK VOLUME MAP 2015 - 2017

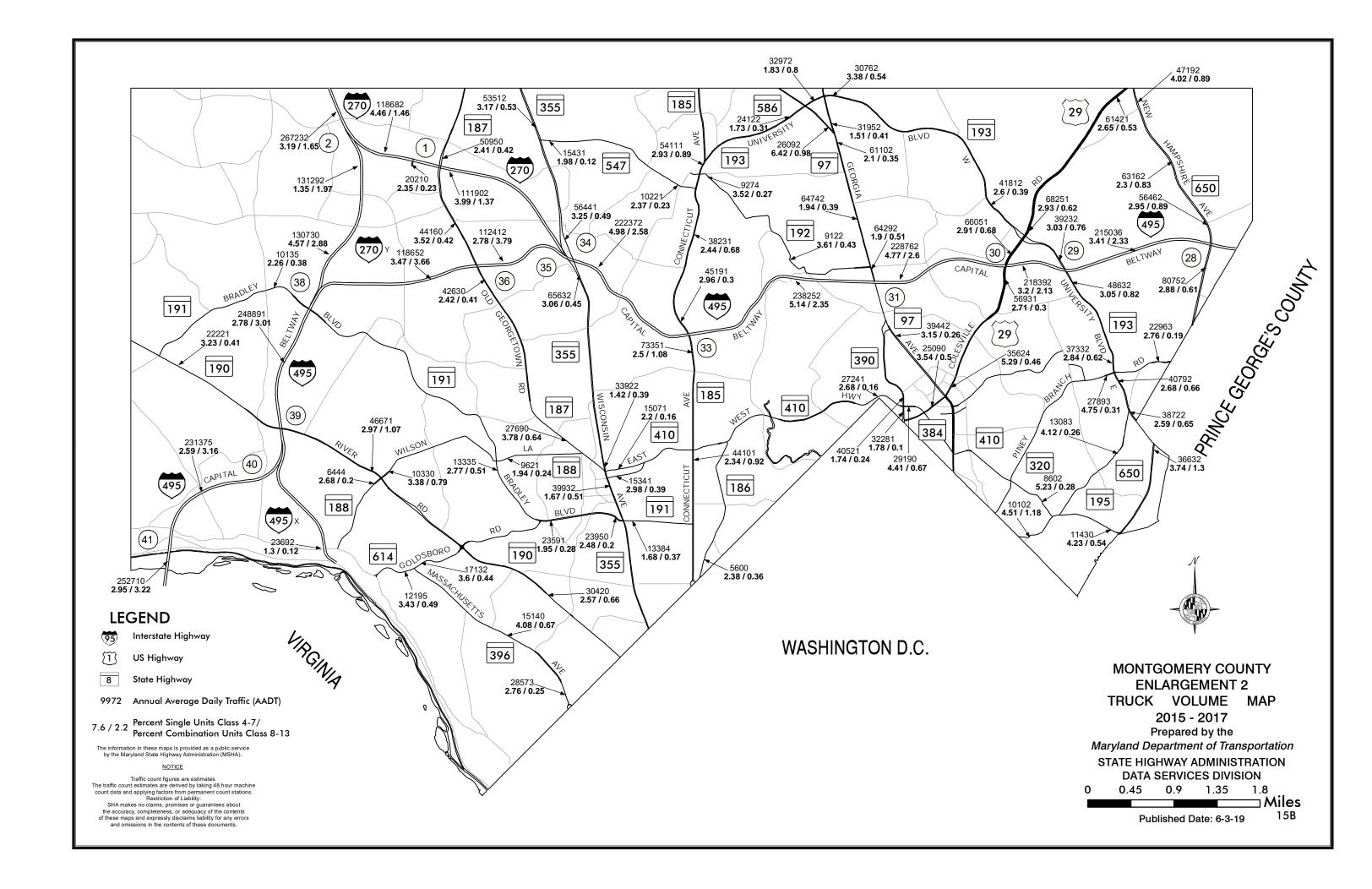
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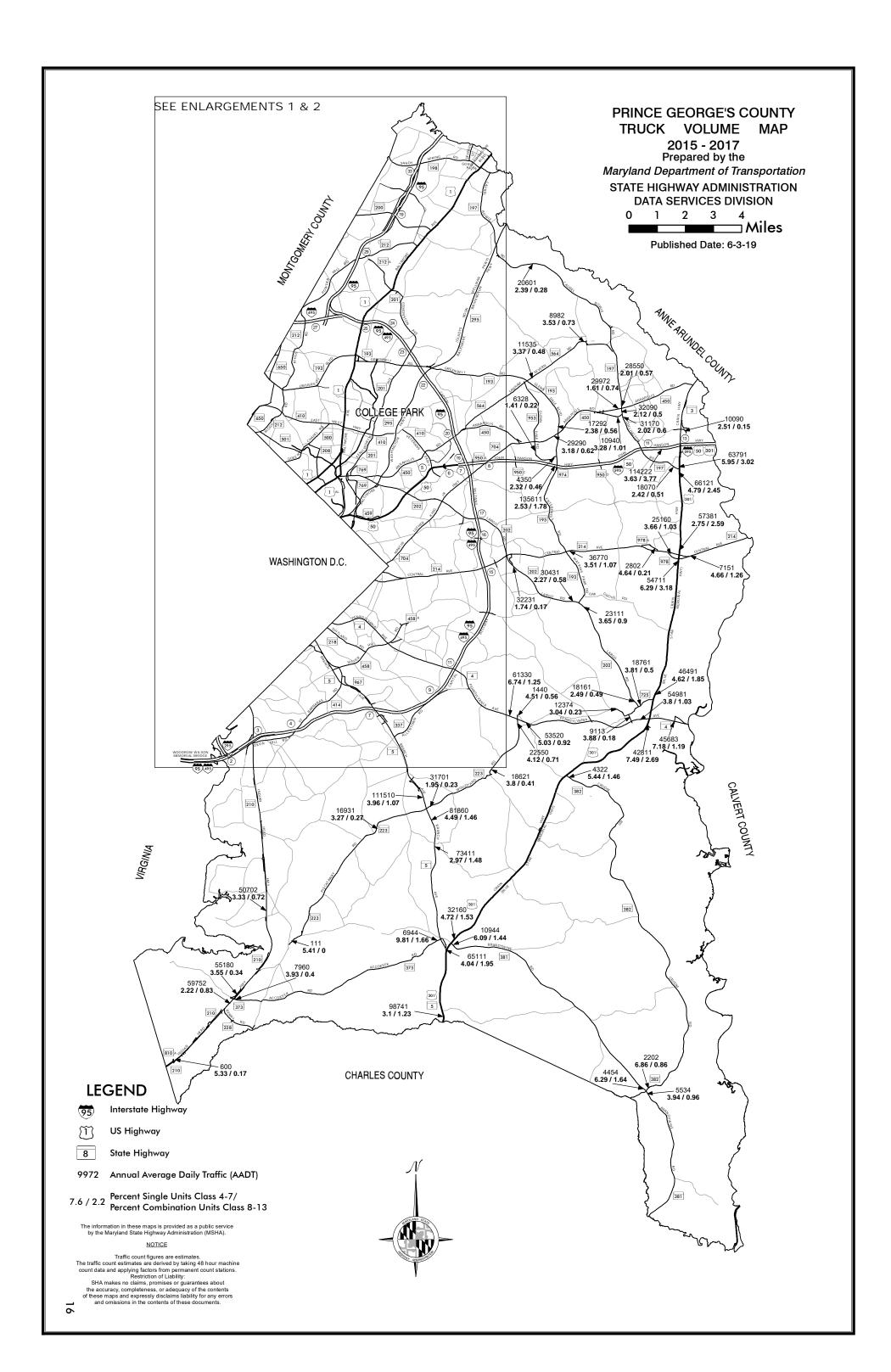
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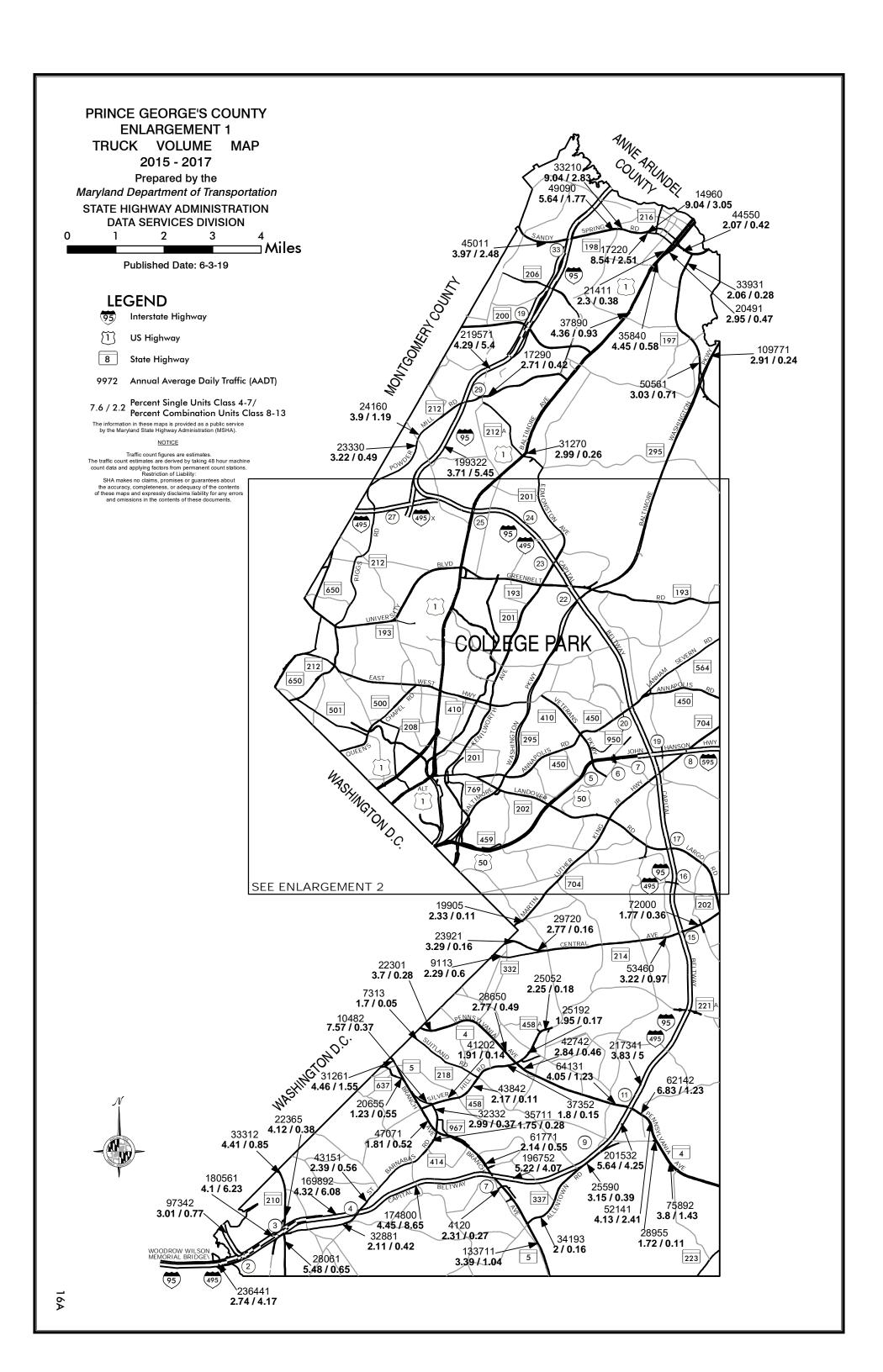


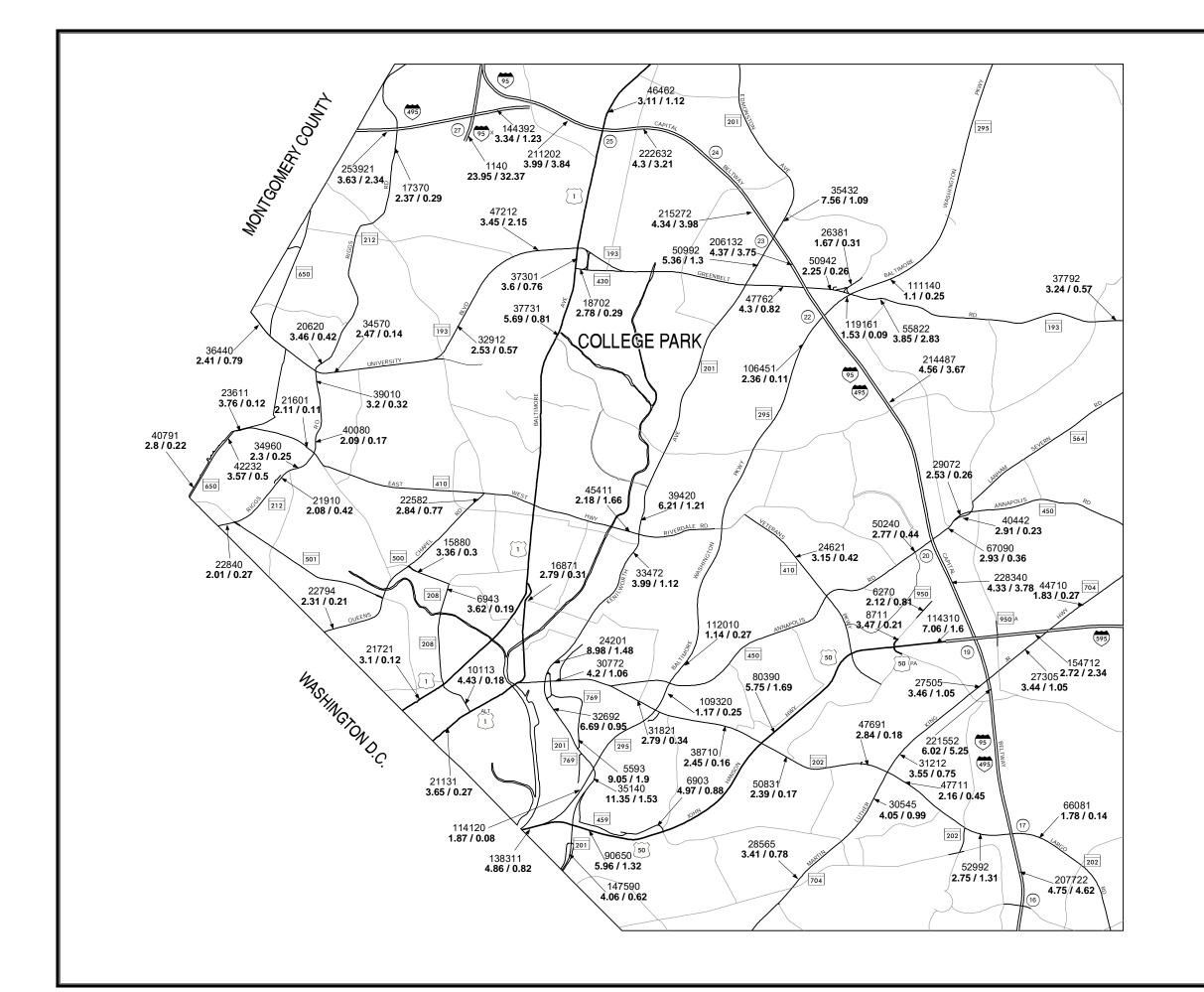












Interstate Highway **US Highway** 

State Highway

9972 Annual Average Daily Traffic (AADT)

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PRINCE GEORGE'S COUNTY **ENLARGEMENT 2** TRUCK VOLUME MAP 2015 - 2017

Prepared by the Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION **DATA SERVICES DIVISION** 

0.5 1 1.5 **∃Miles** 

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