

# Highway Information Services Division TRUCK VOLUME MAPS BY COUNTY 2000 2011

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

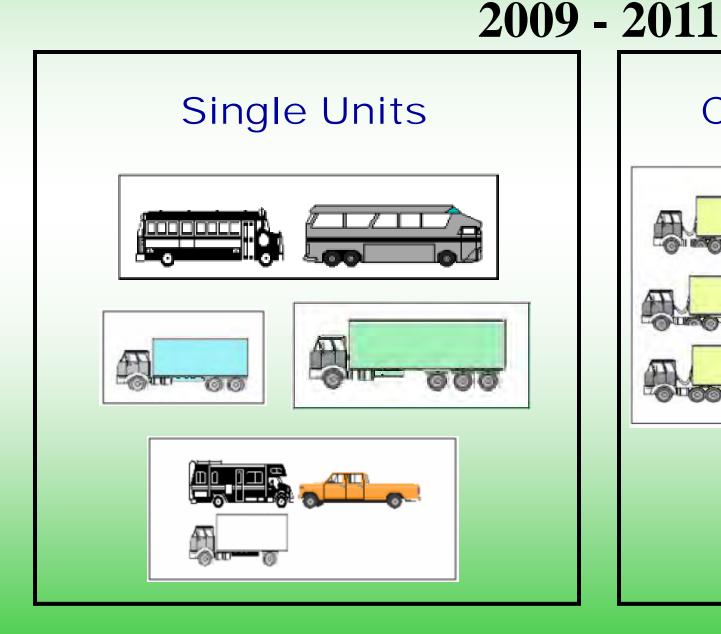
**SOMERSET** 

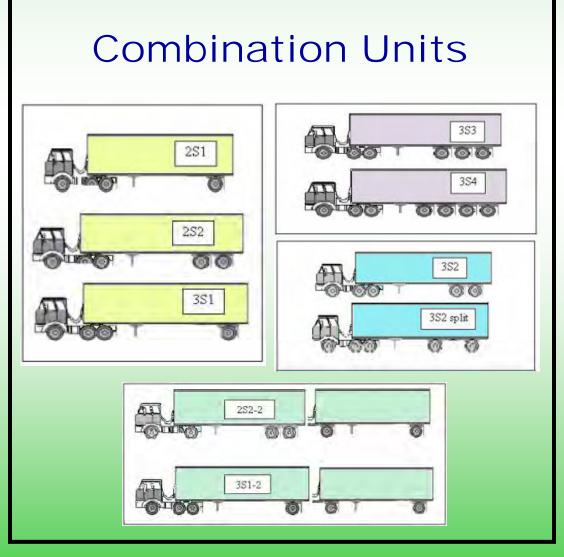
**TALBOT** 

WASHINGTON

**WICOMICO** 

**WORCESTER** 





# Truck Volume Maps Introduction

The Highway Information 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 computer database 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 81 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 3000+ program count stations and 81 ATR's throughout the state of Maryland. Program count data is collected for both directions, at regular locations on a three year cycle (one-third of these are counted each year). Data is collected for continuous 48 hours starting either Tuesday or Wednesday midnight. ATR 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 2008-2010. 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.

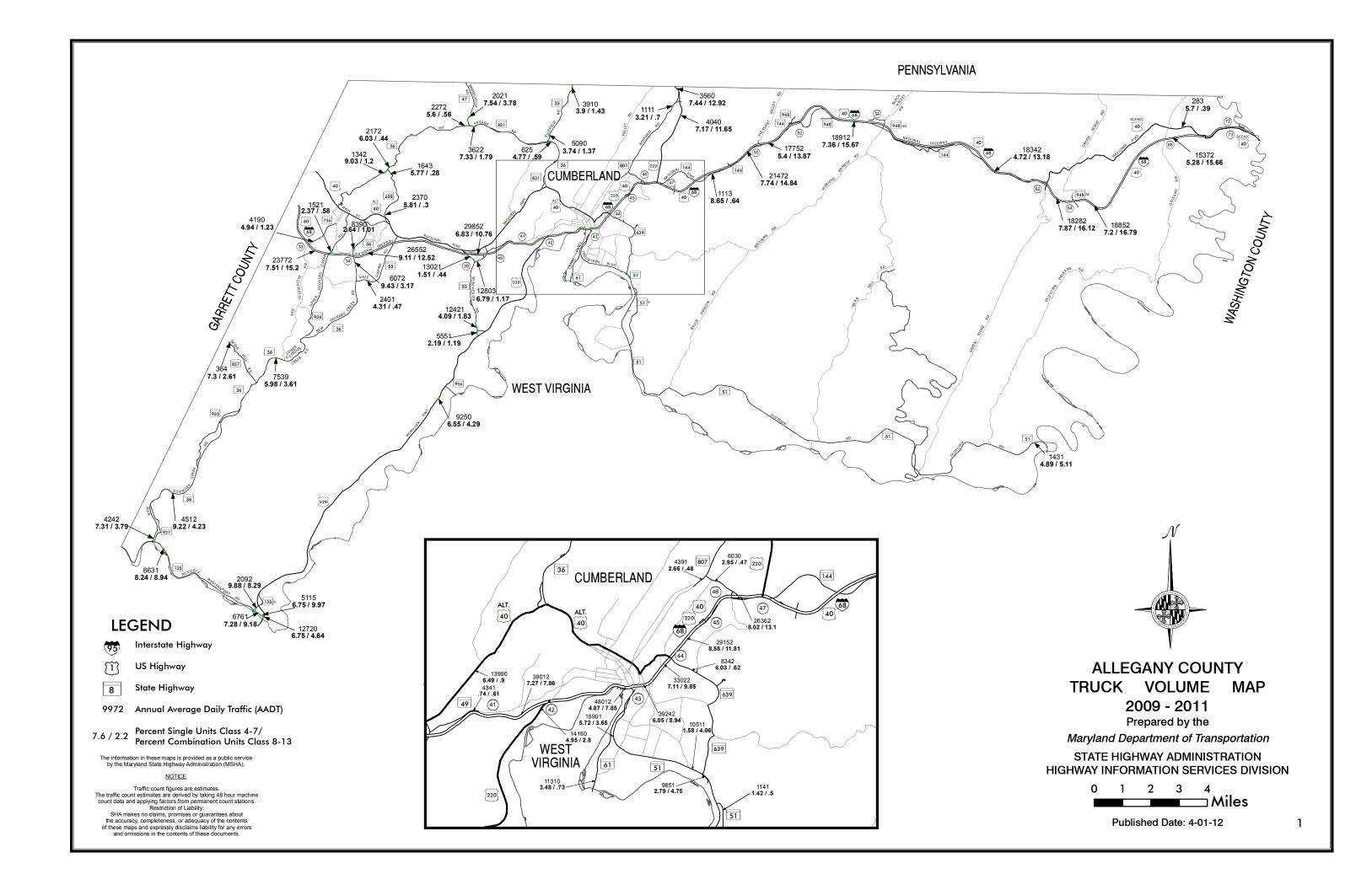
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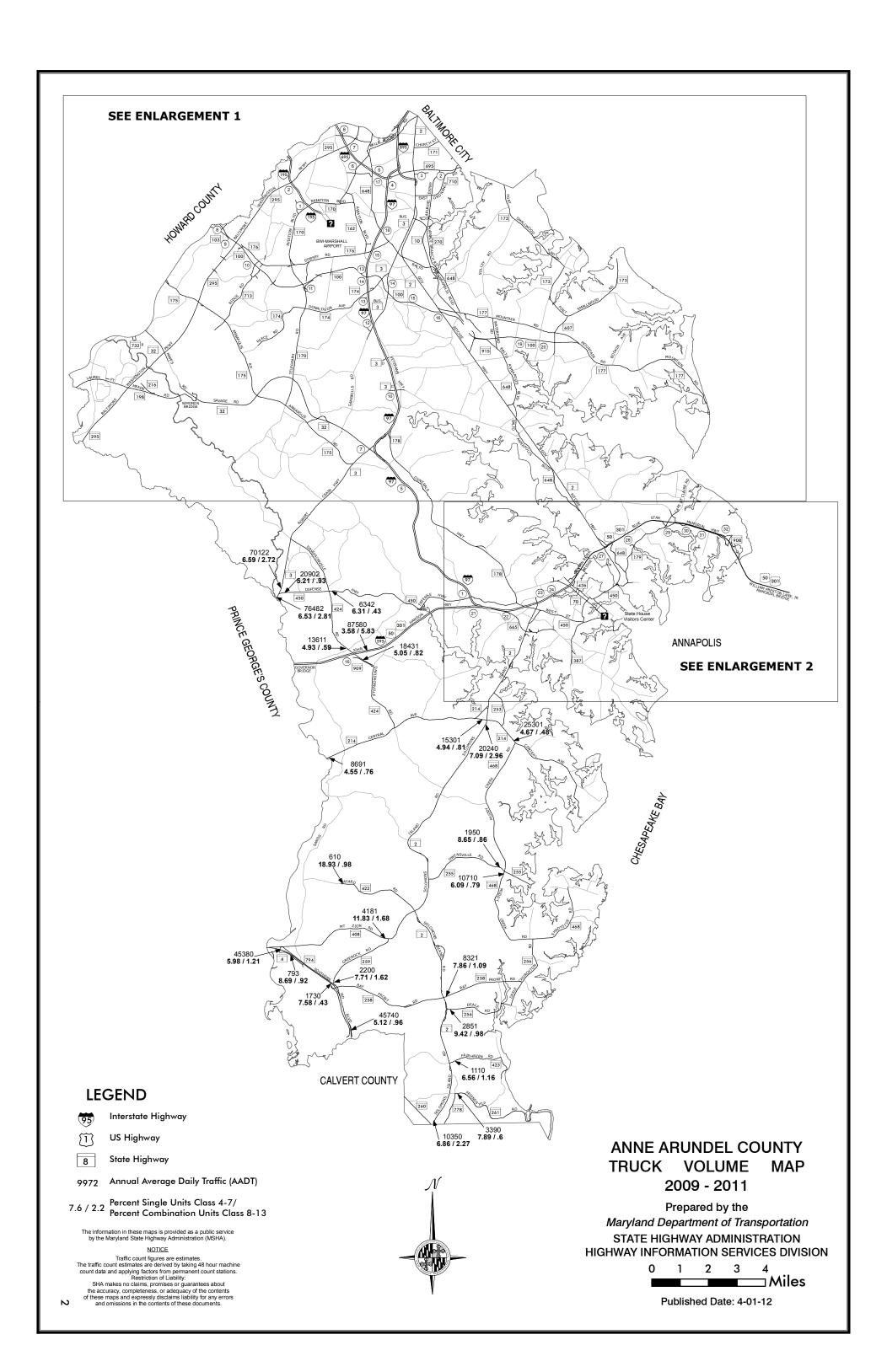
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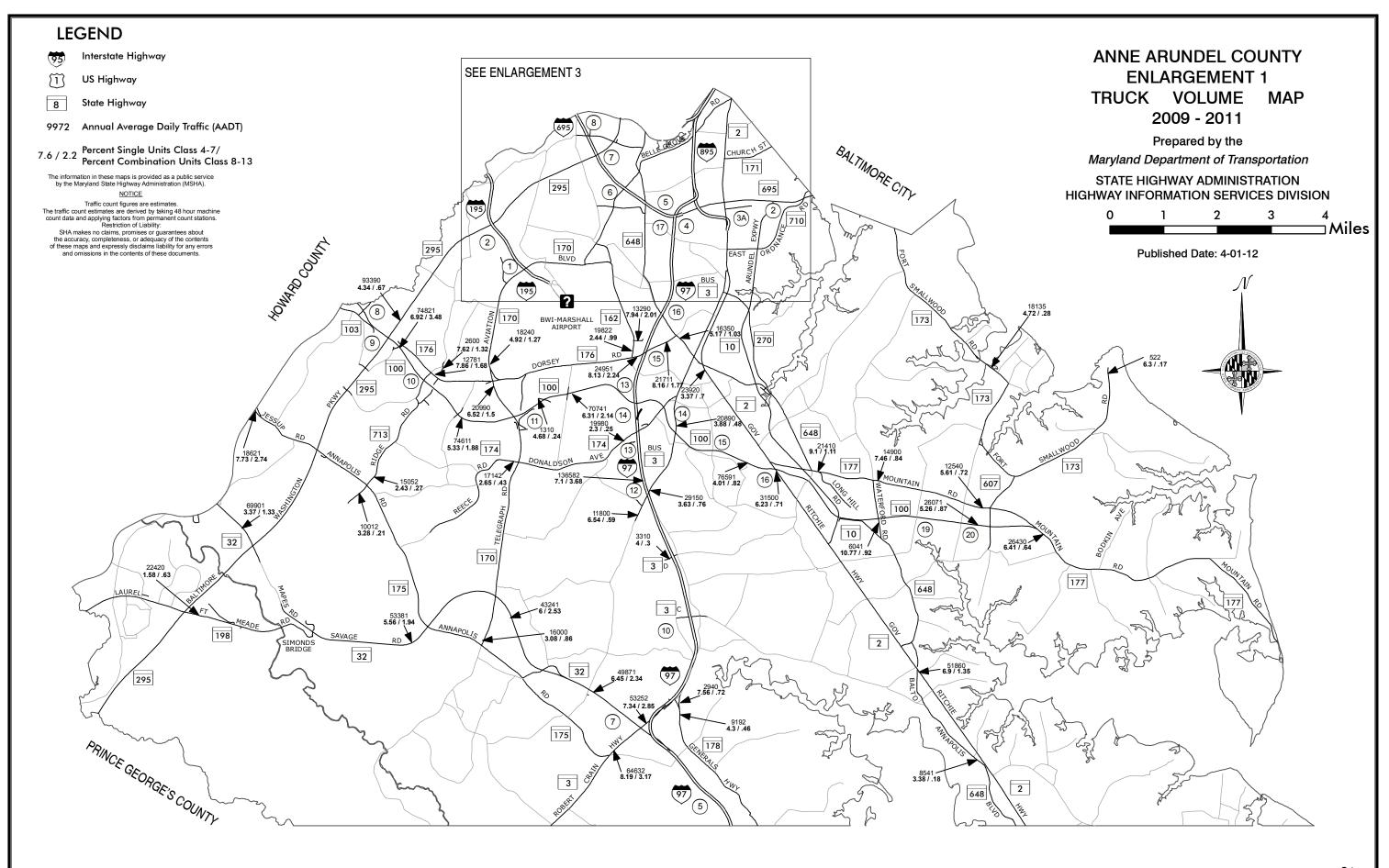
# Description of Classes

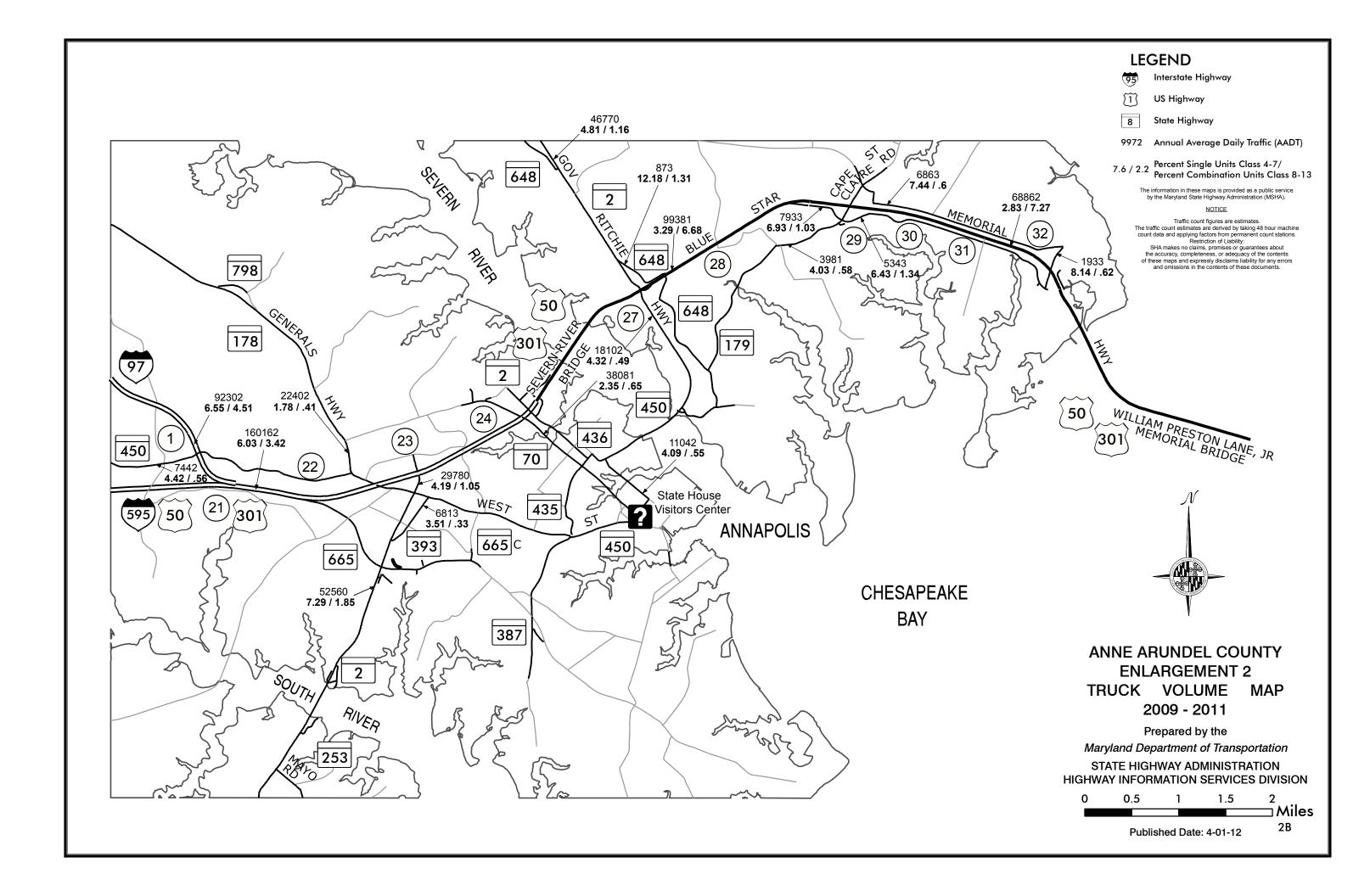
Single Units		Combination Units	
	<b>Buses</b> All vehicles manufactured as traditional passenger-carrying buses with two axles and six tires or three or more axles. This category includes only traditional buses (including school buses) functioning as passenger-carrying vehicles. Modified buses should be considered to be a truck and should be apprepriately elegatified.	252	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.	3S2 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.
	Two-Axle, Six-Tire, Single-Unit Trucks All vehicles on a single frame including trucks, camping and recreational vehicles, motor homes, etc., with two axles and dual rear wheels.	354	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.
		231-2	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.	250-2	Six-Axle Multi-Trailer Trucks 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.	350-2	<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.

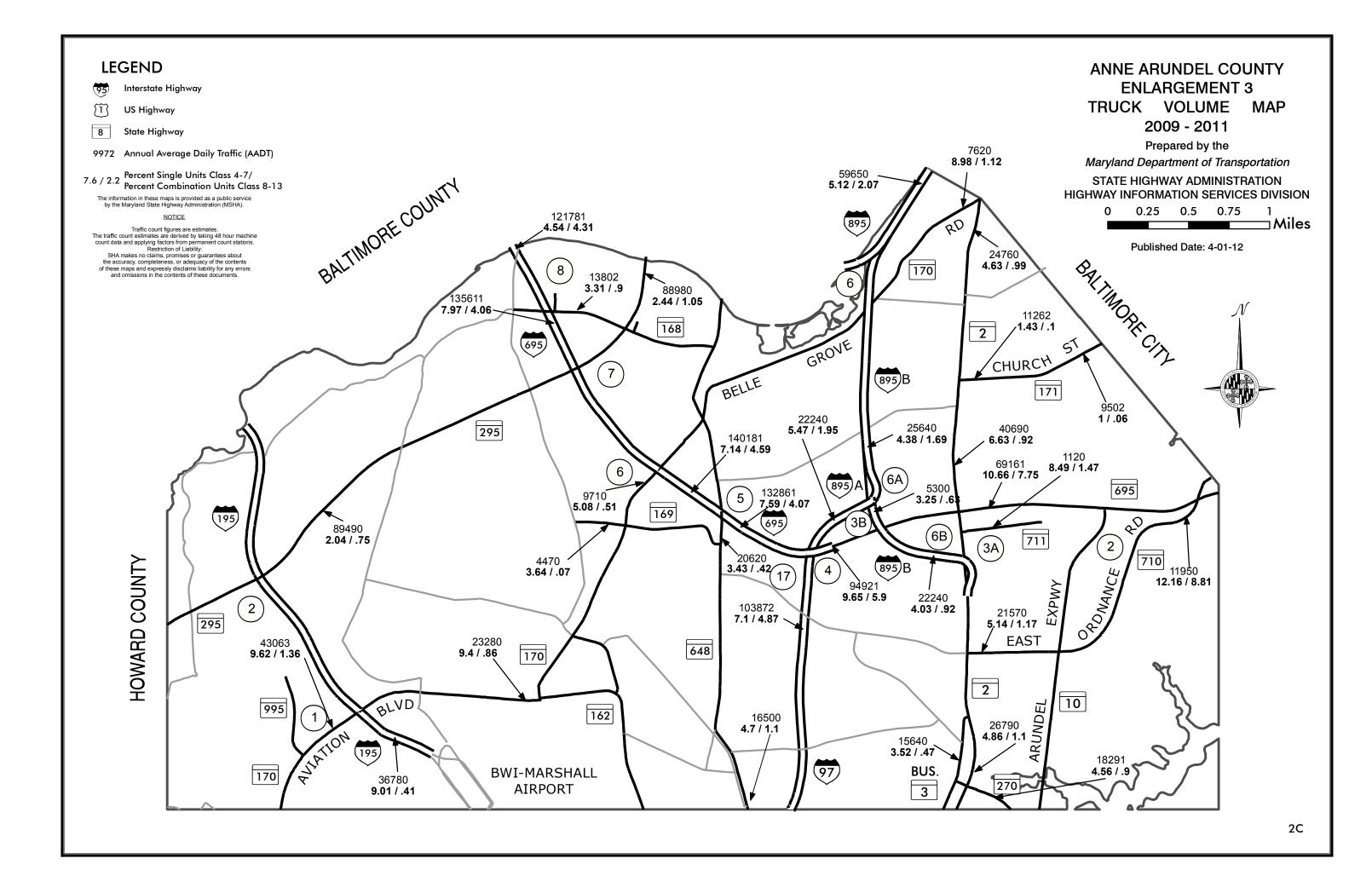
• The descriptions are taken from the Traffic Monitoring Guide, from the FHWA's website(http://www.fhwa.dot.gov/ohim/tmguide/tmg4.htm)

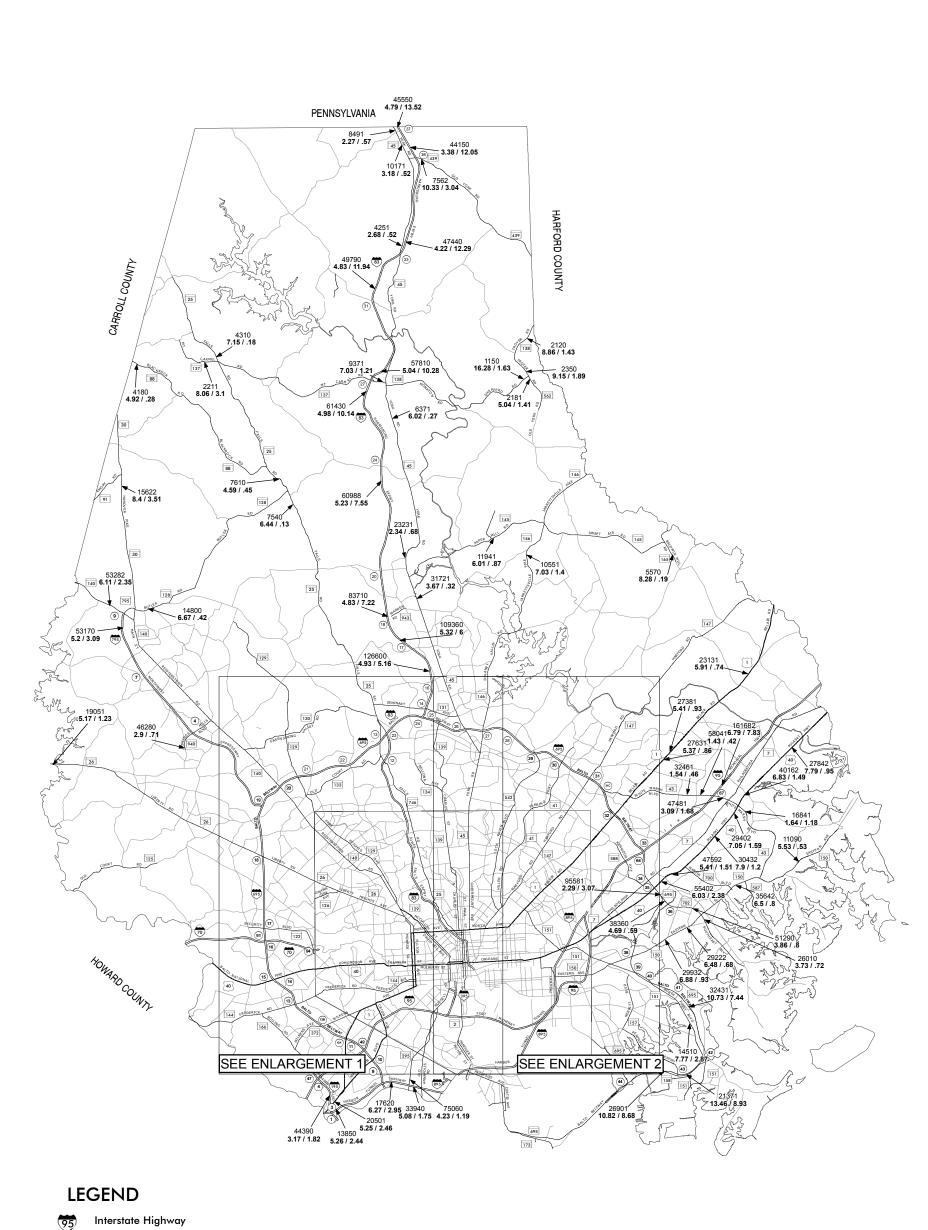












 $\widetilde{1}$ **US Highway** 

8 State Highway

9972 Annual Average Daily Traffic (AADT)

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

The information in these maps is provided as a public service by the Maryland State Highway Administration (MSHA).

**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.

Restriction of Liability:

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## **BALTIMORE COUNTY** TRUCK VOLUME MAP

2009 - 2011

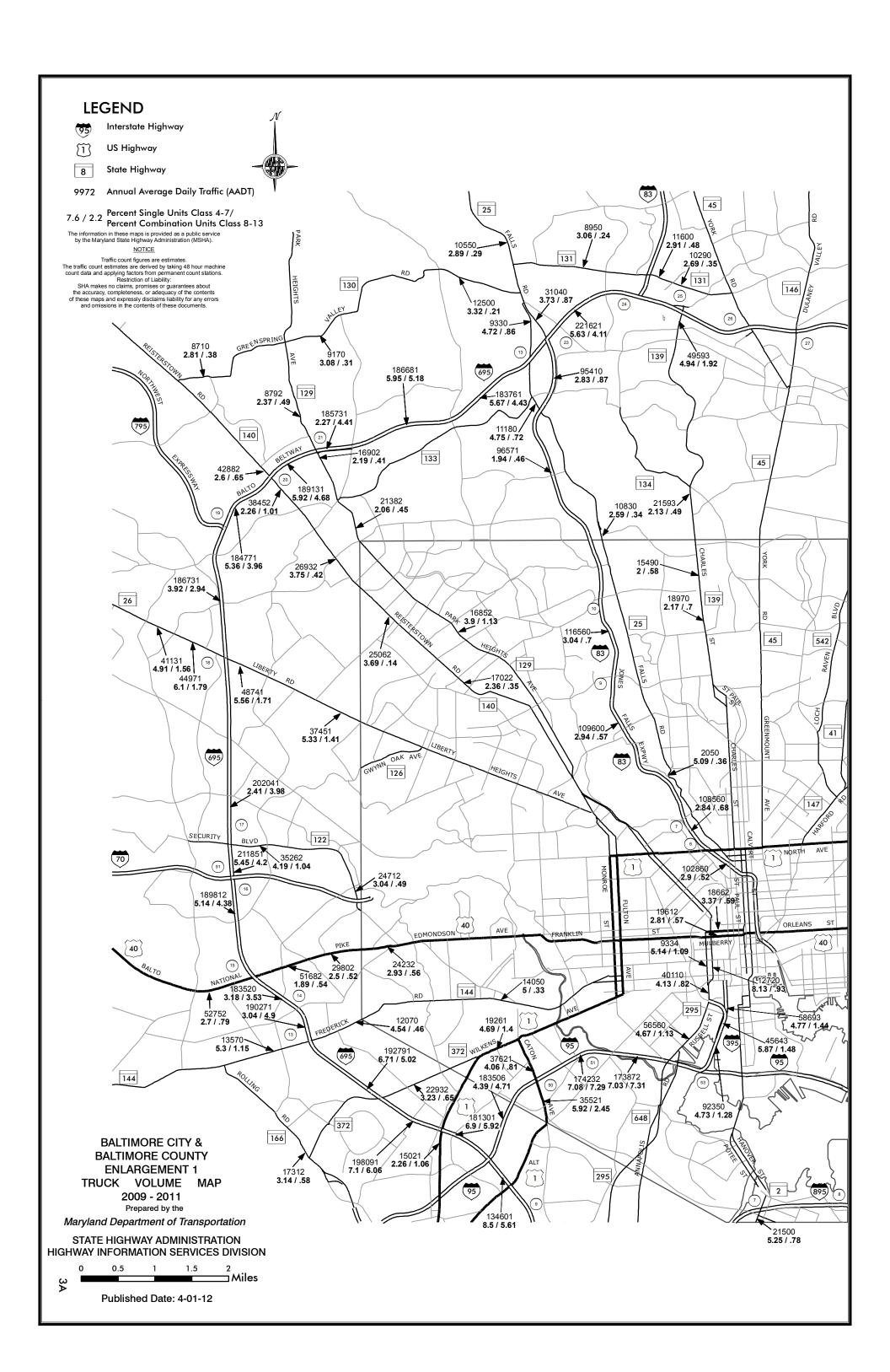
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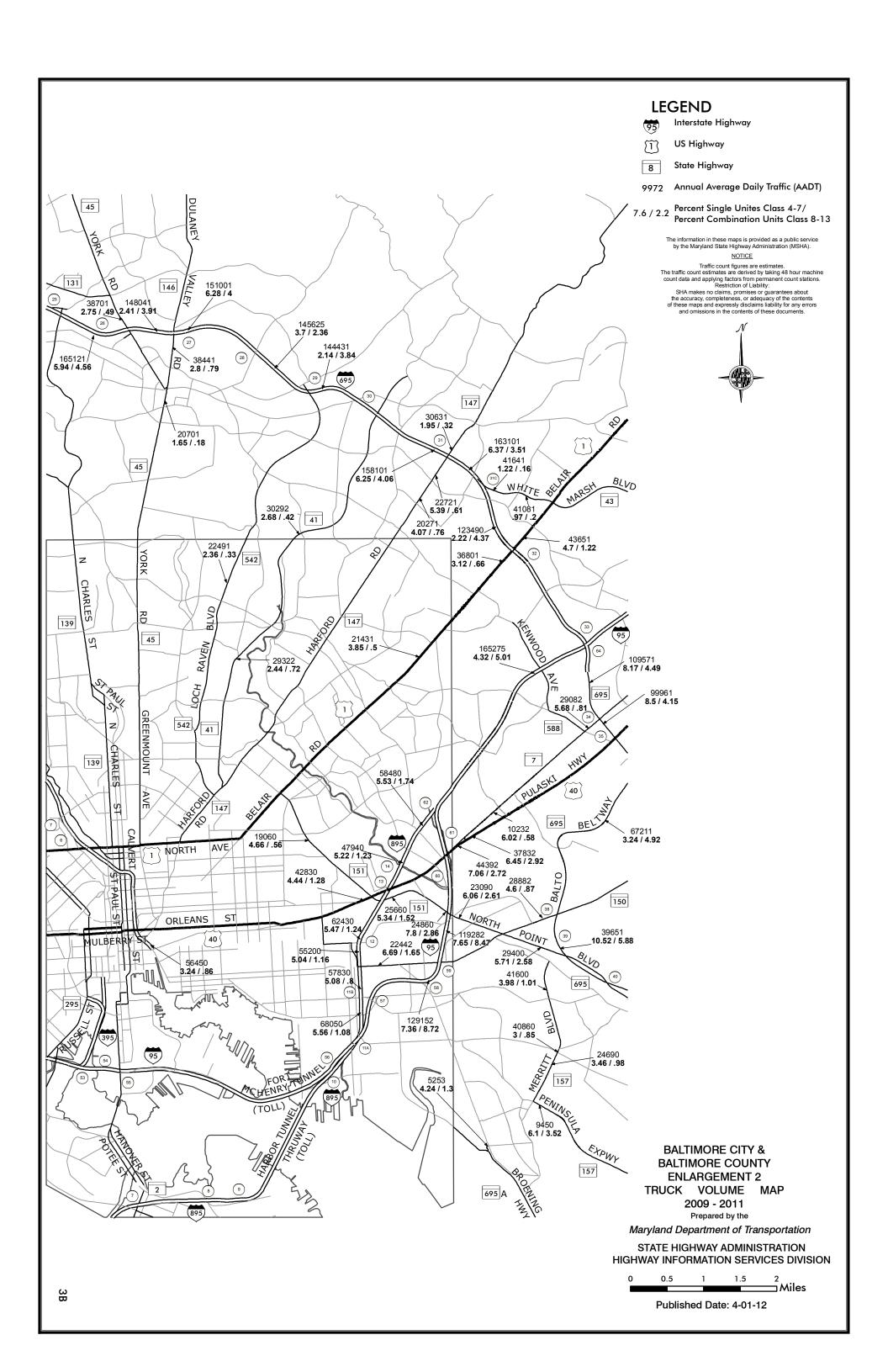
Maryland Department of Transportation

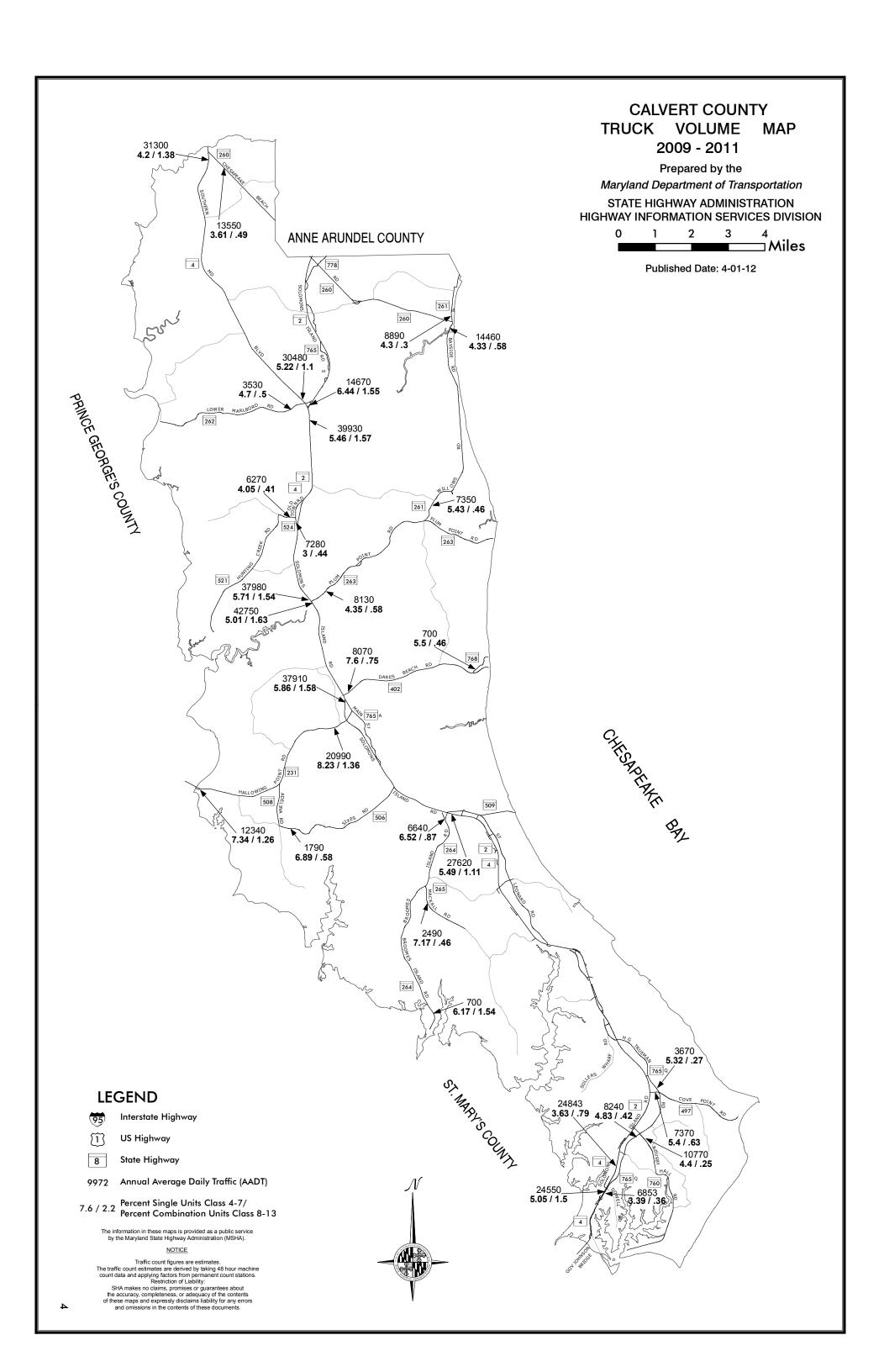
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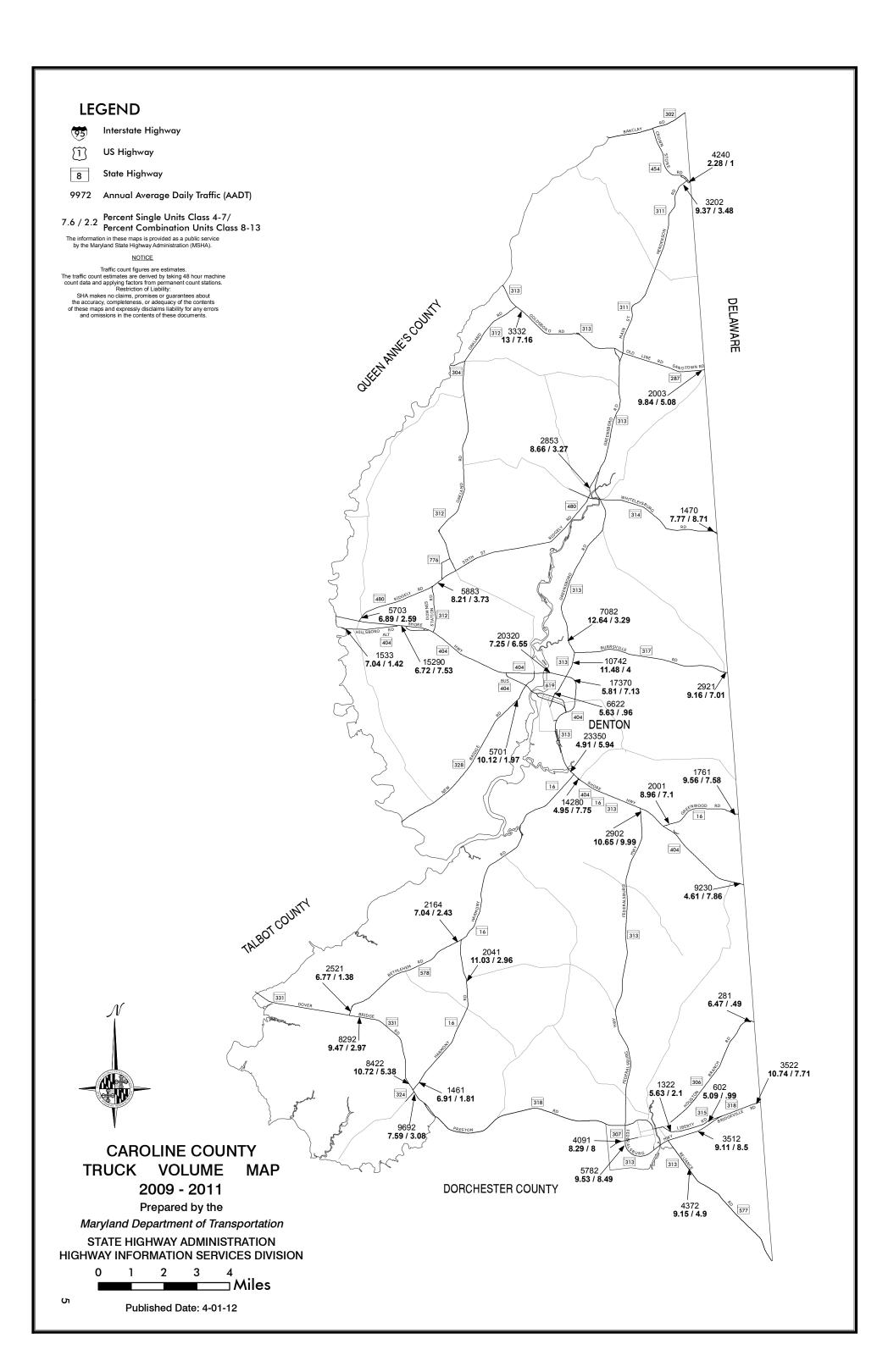


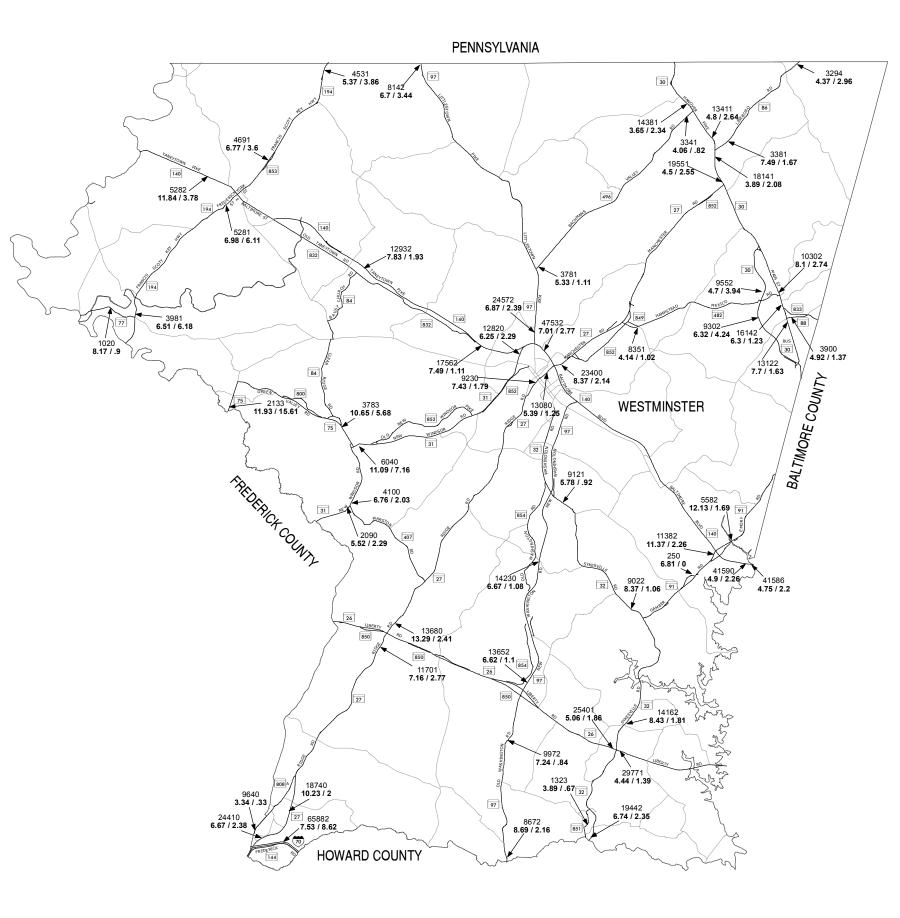
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Interstate Highway

 $\widetilde{1}$ 

**US** Highway

8

State Highway 9972 Annual Average Daily Traffic (AADT)

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

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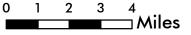


**CARROLL COUNTY** TRUCK VOLUME MAP 2009 - 2011

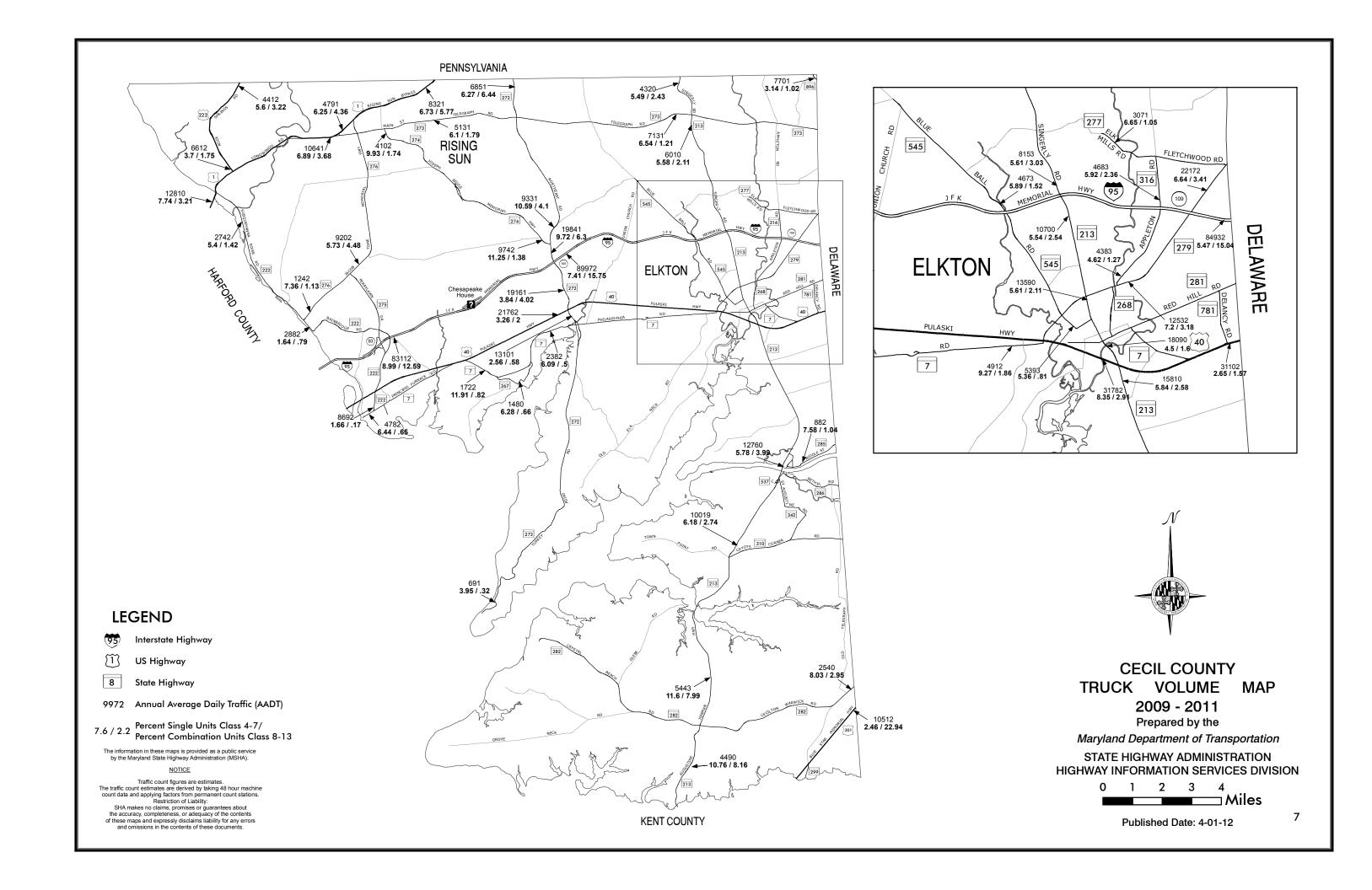
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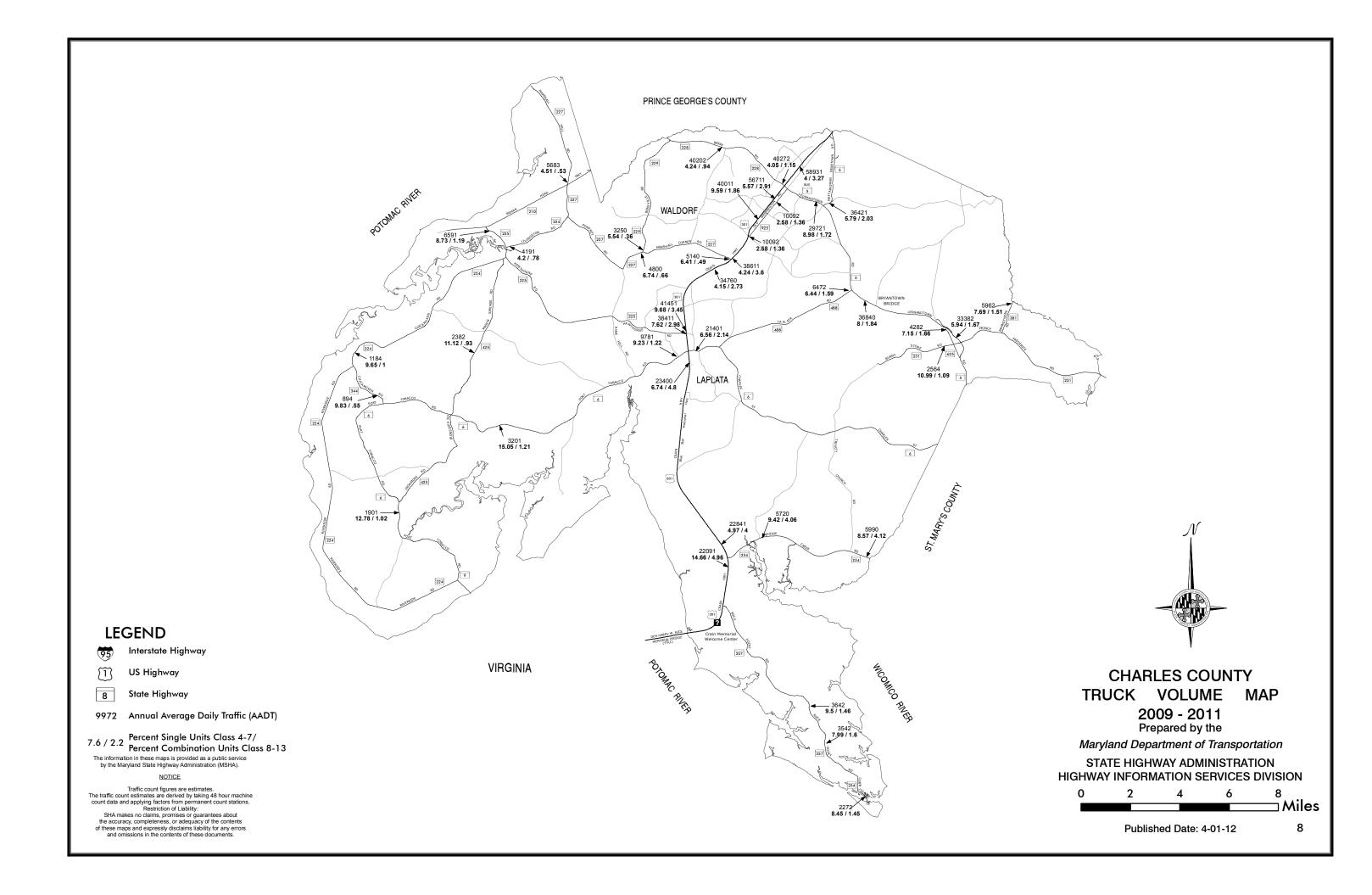
Maryland Department of Transportation

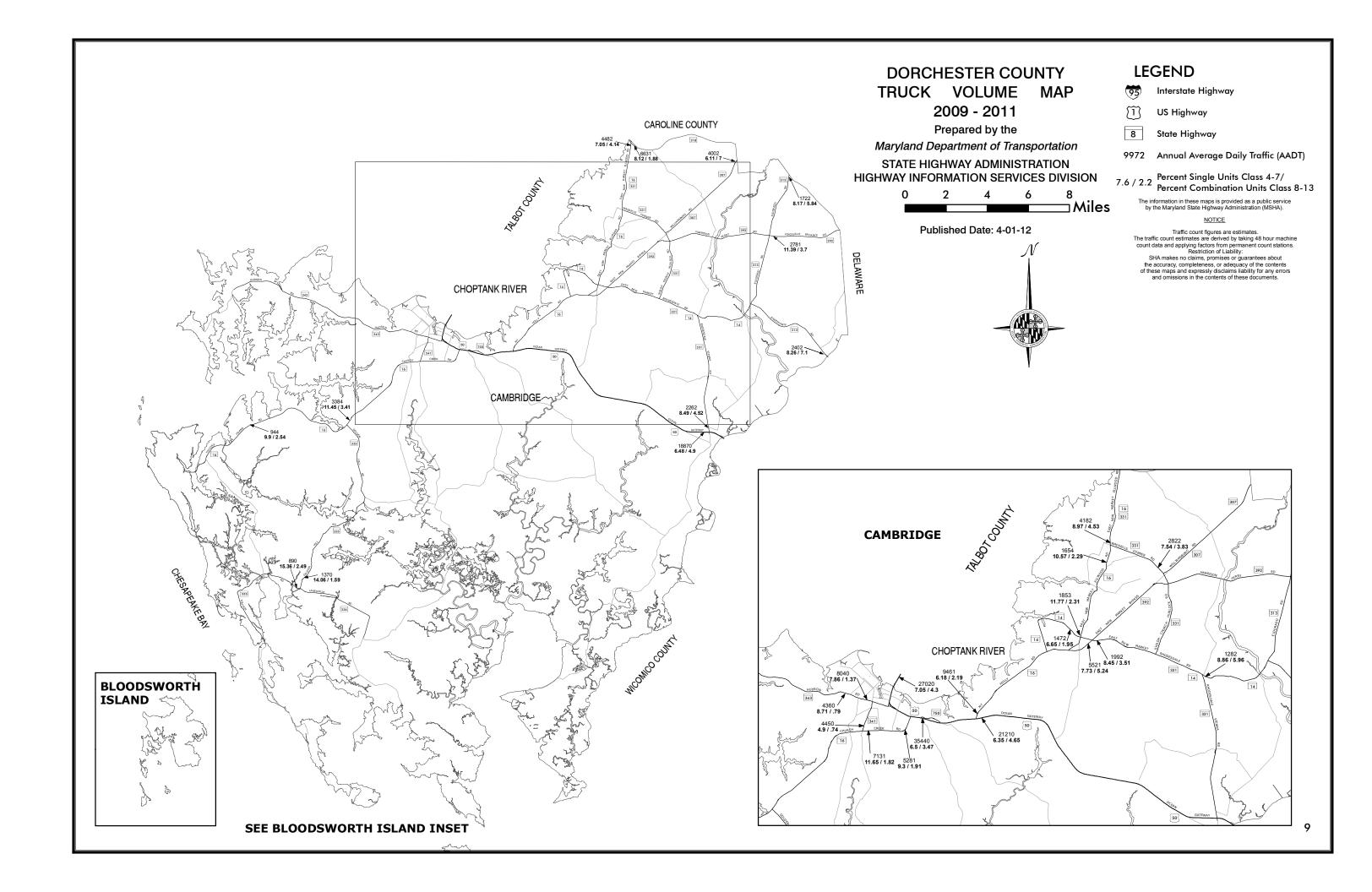
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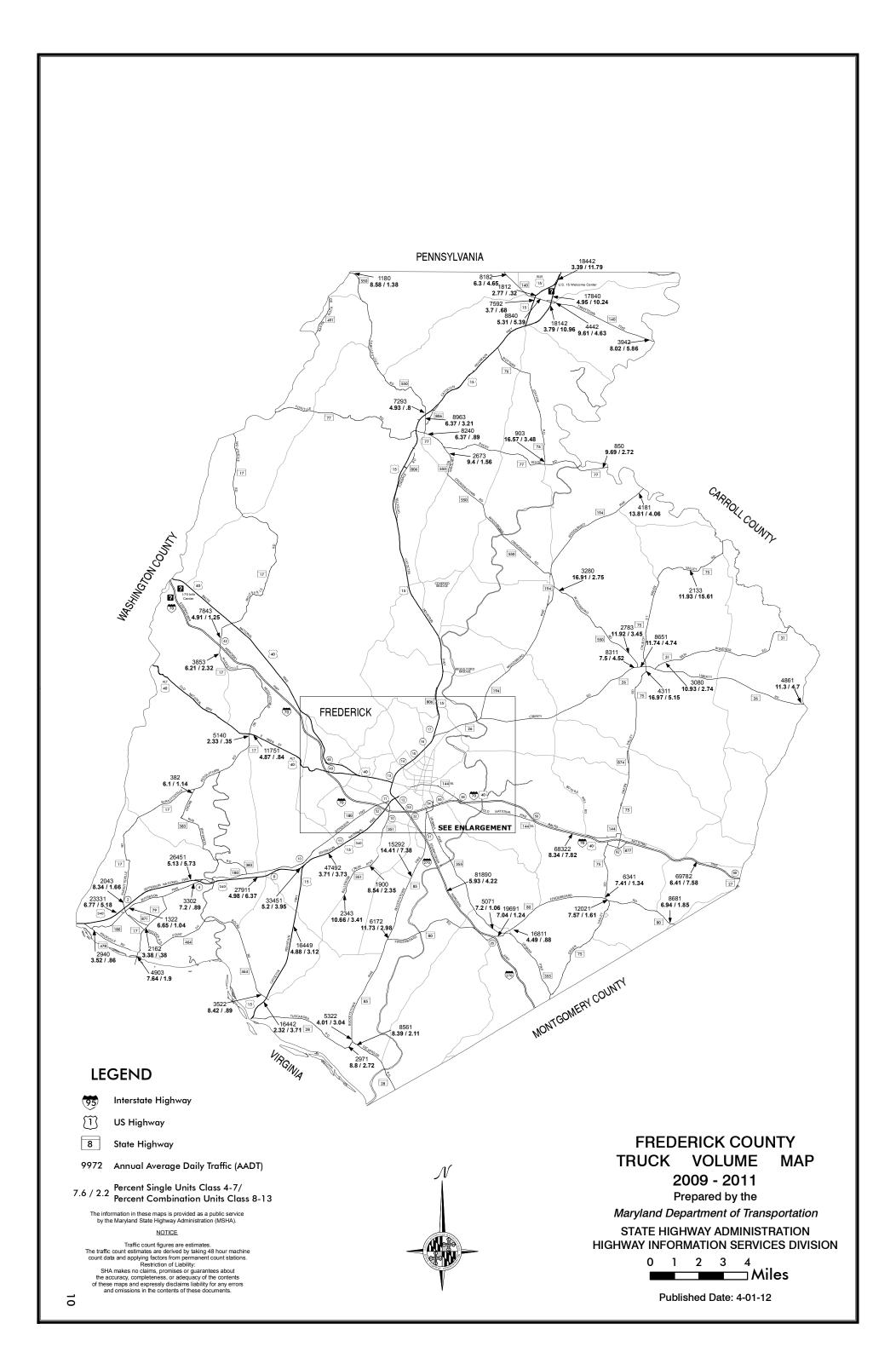


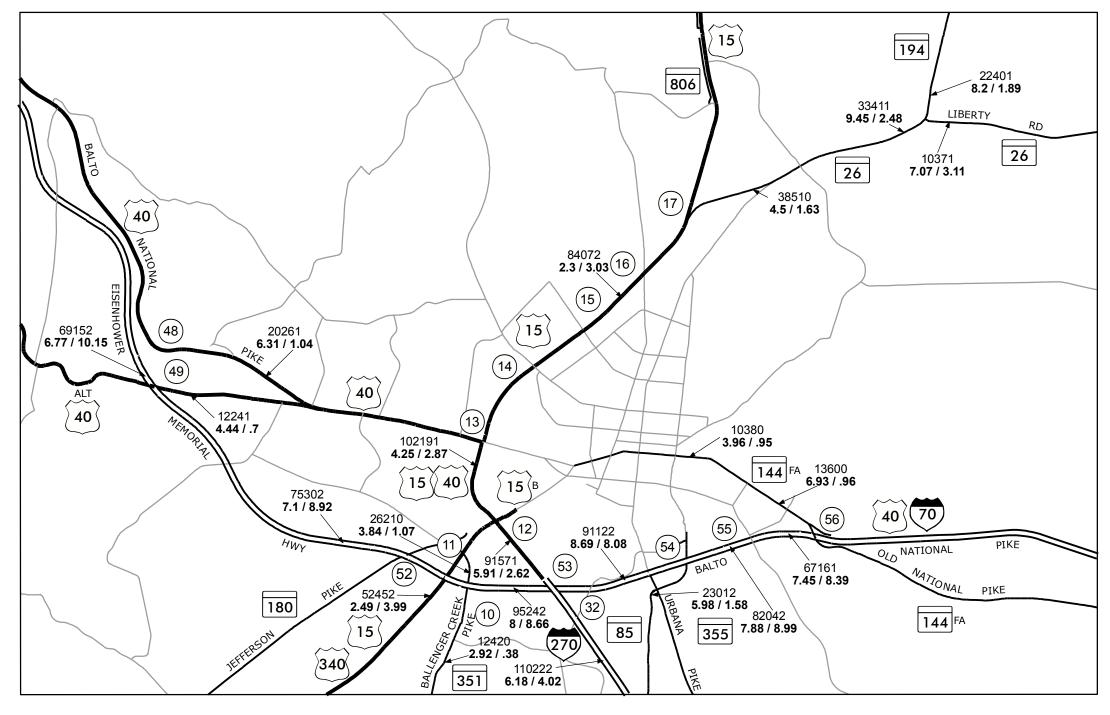
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Interstate Highway



**US Highway** 



State Highway

9972 Annual Average Daily Traffic (AADT)

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

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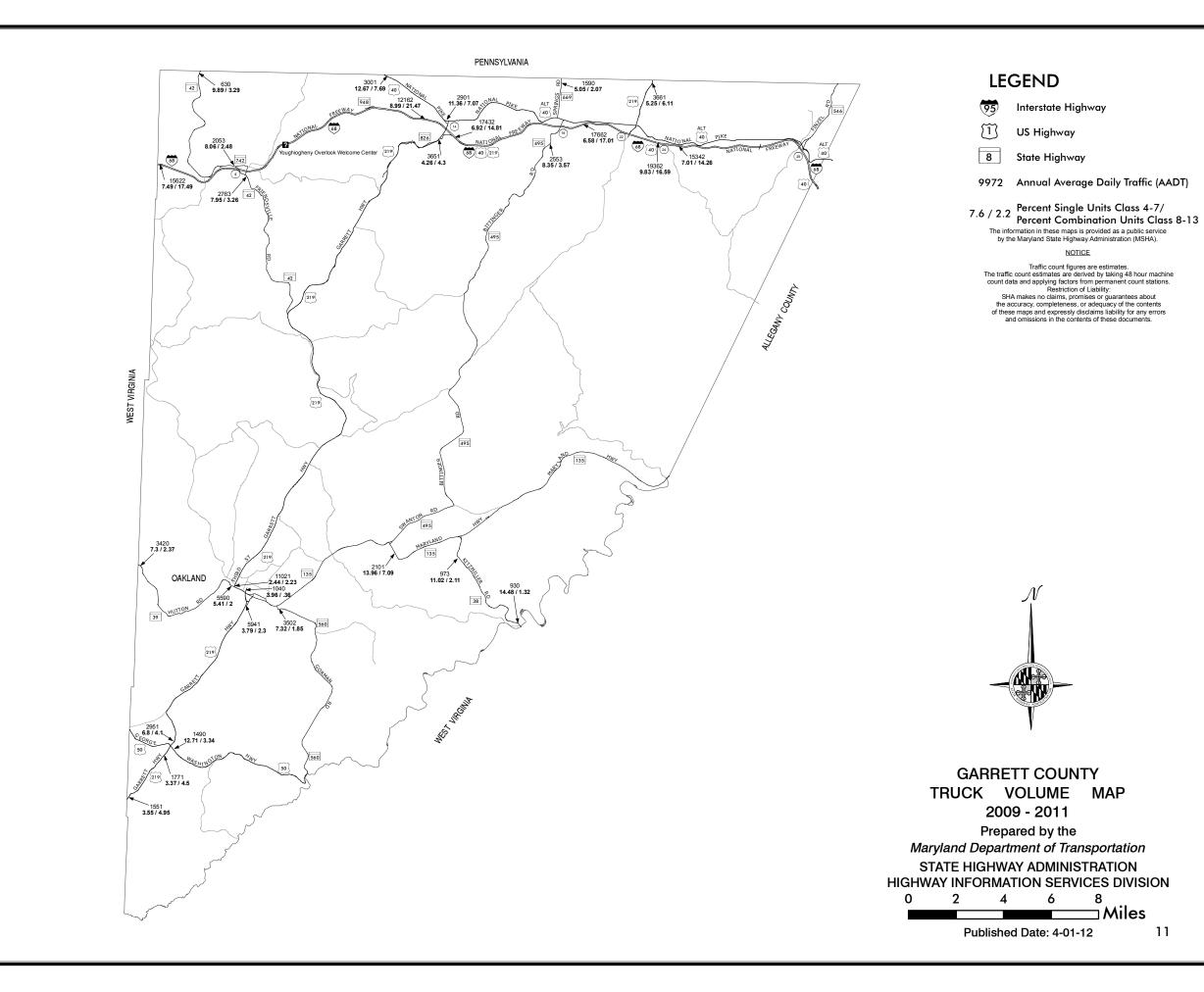
FREDERICK COUNTY **ENLARGEMENT** TRUCK VOLUME MAP 2009 - 2011

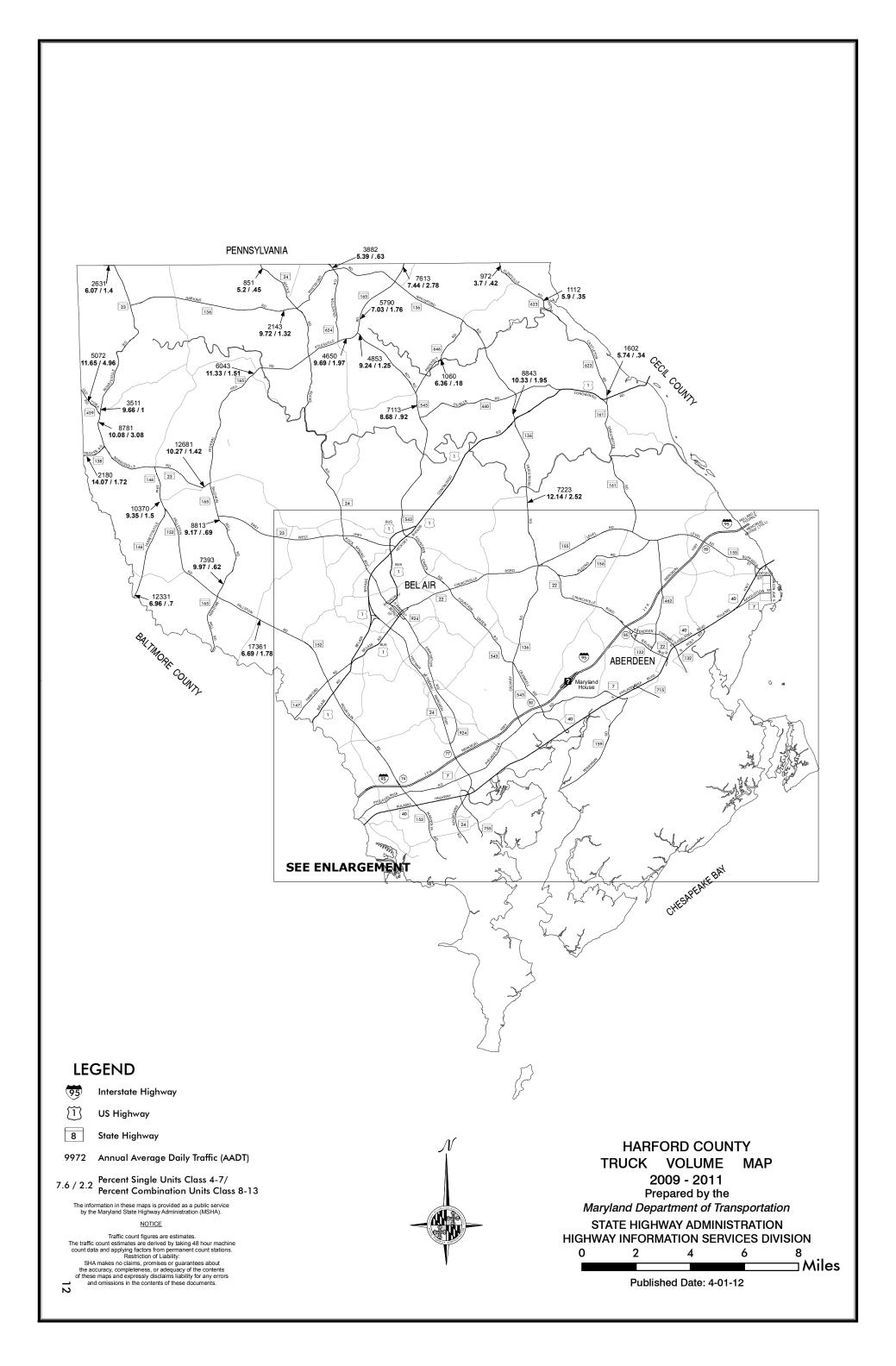
Prepared by the Maryland Department of Transportation

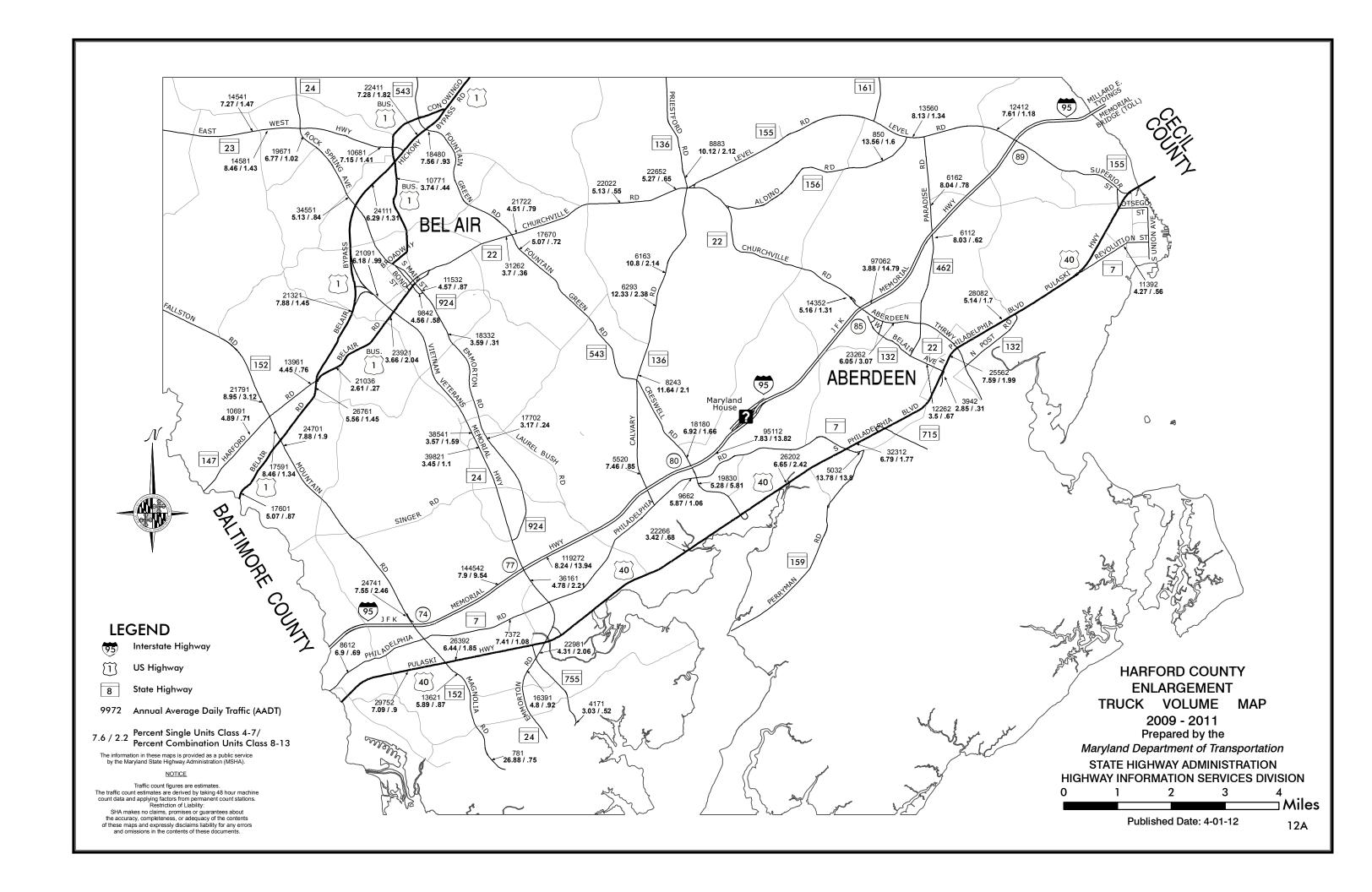
STATE HIGHWAY ADMINISTRATION HIGHWAY INFORMATION SERVICES DIVISION

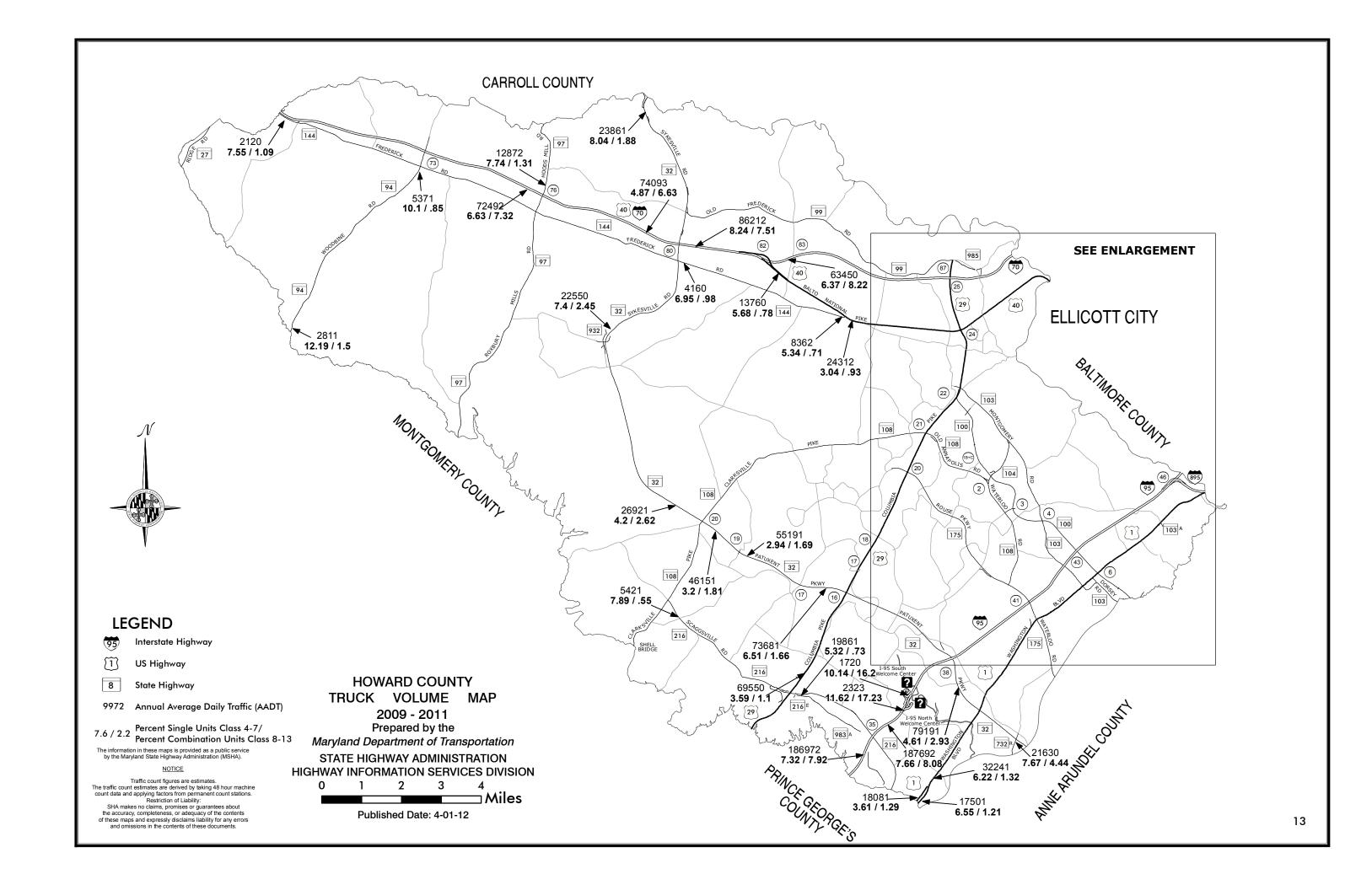


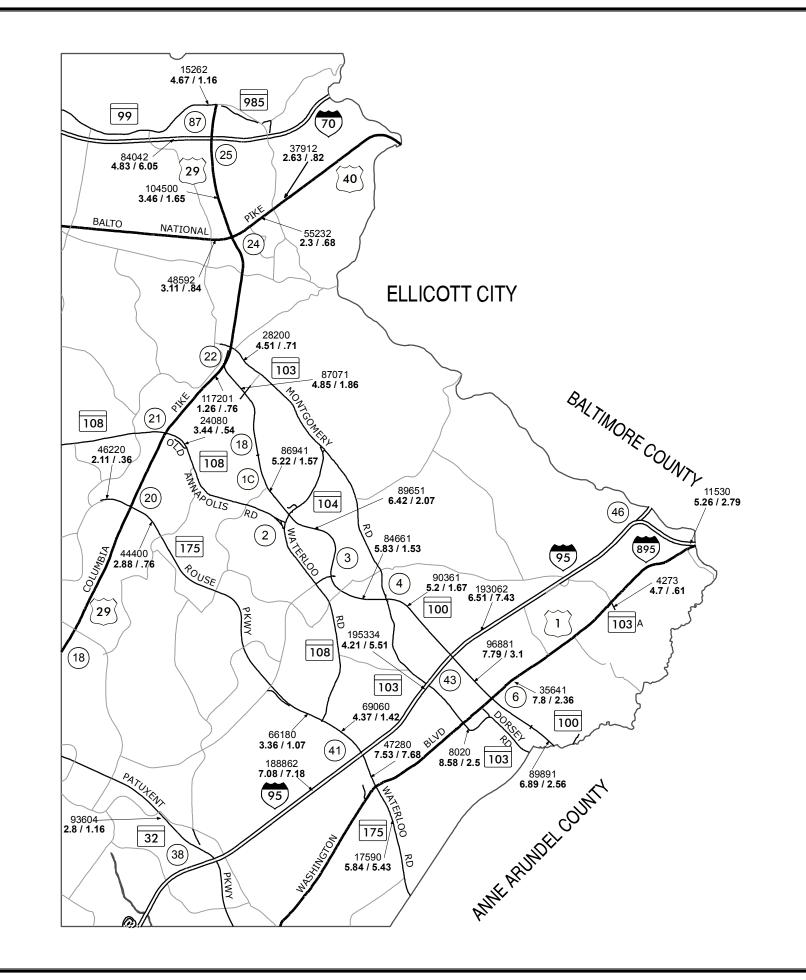
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Interstate Highway

**US** Highway

State Highway

9972 Annual Average Daily Traffic (AADT)

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

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**HOWARD COUNTY ENLARGEMENT** TRUCK VOLUME MAP

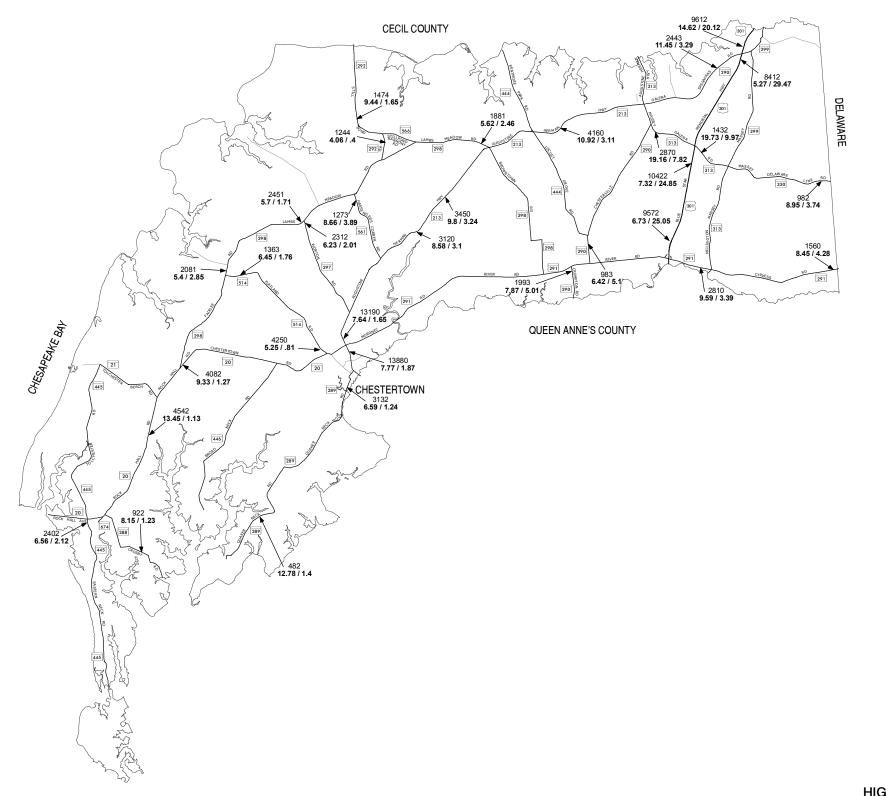
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Interstate Highway

9972 Annual Average Daily Traffic (AADT)

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

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US Highway
State Highway



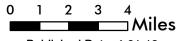
KENT COUNTY TRUCK VOLUME MAP 2009 - 2011

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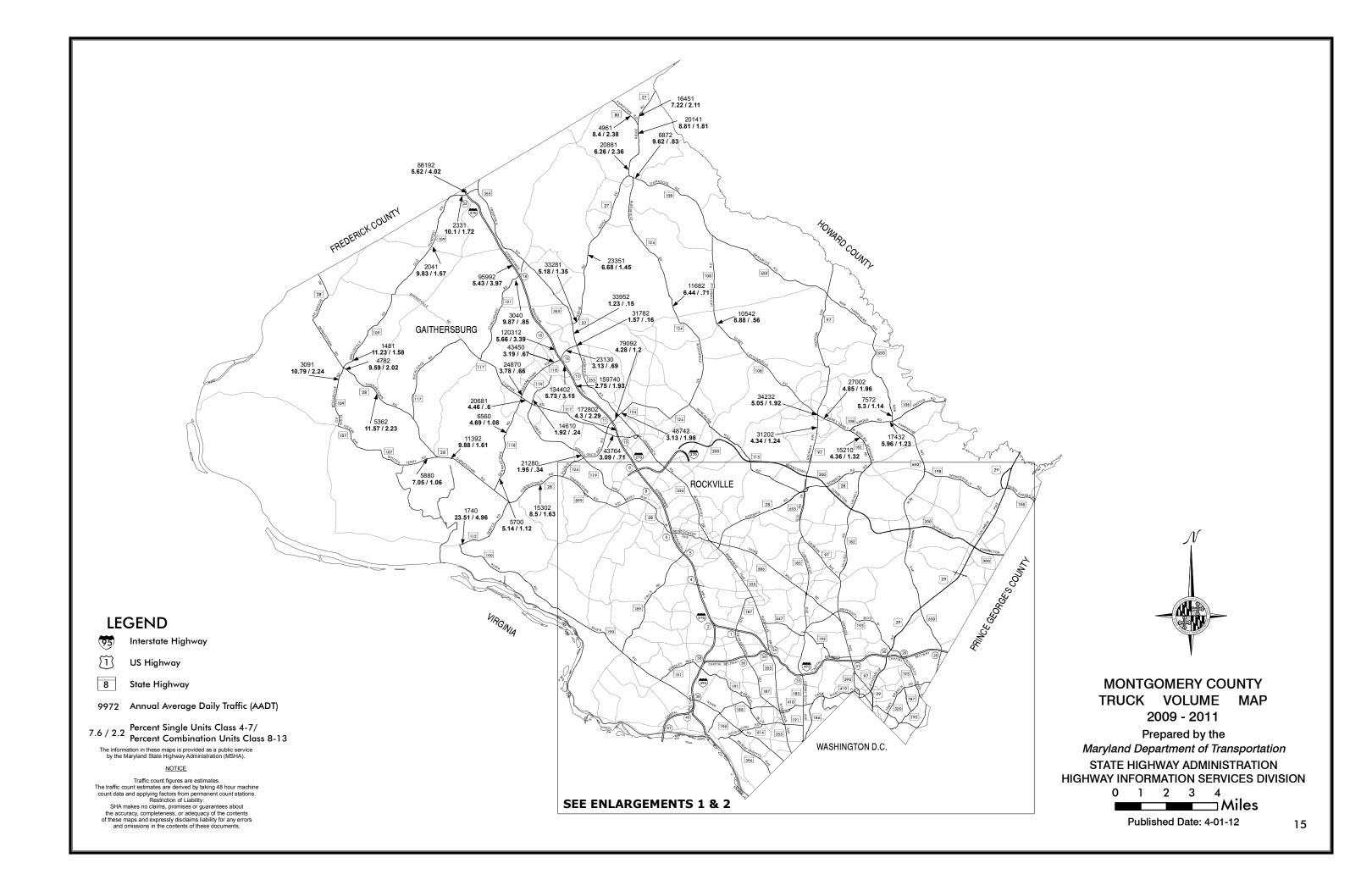
STATE HIGHWAY ADMINISTRATION

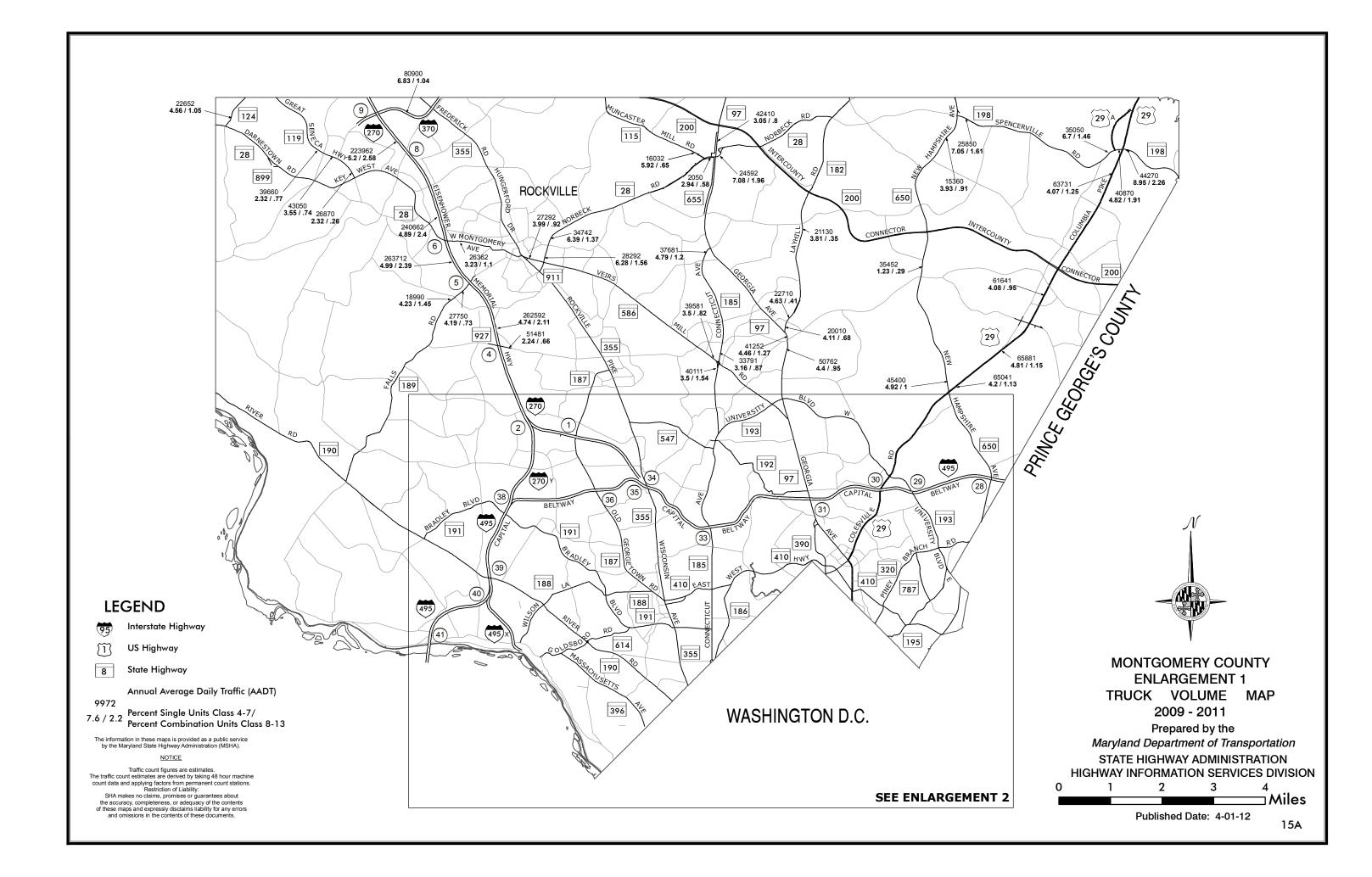
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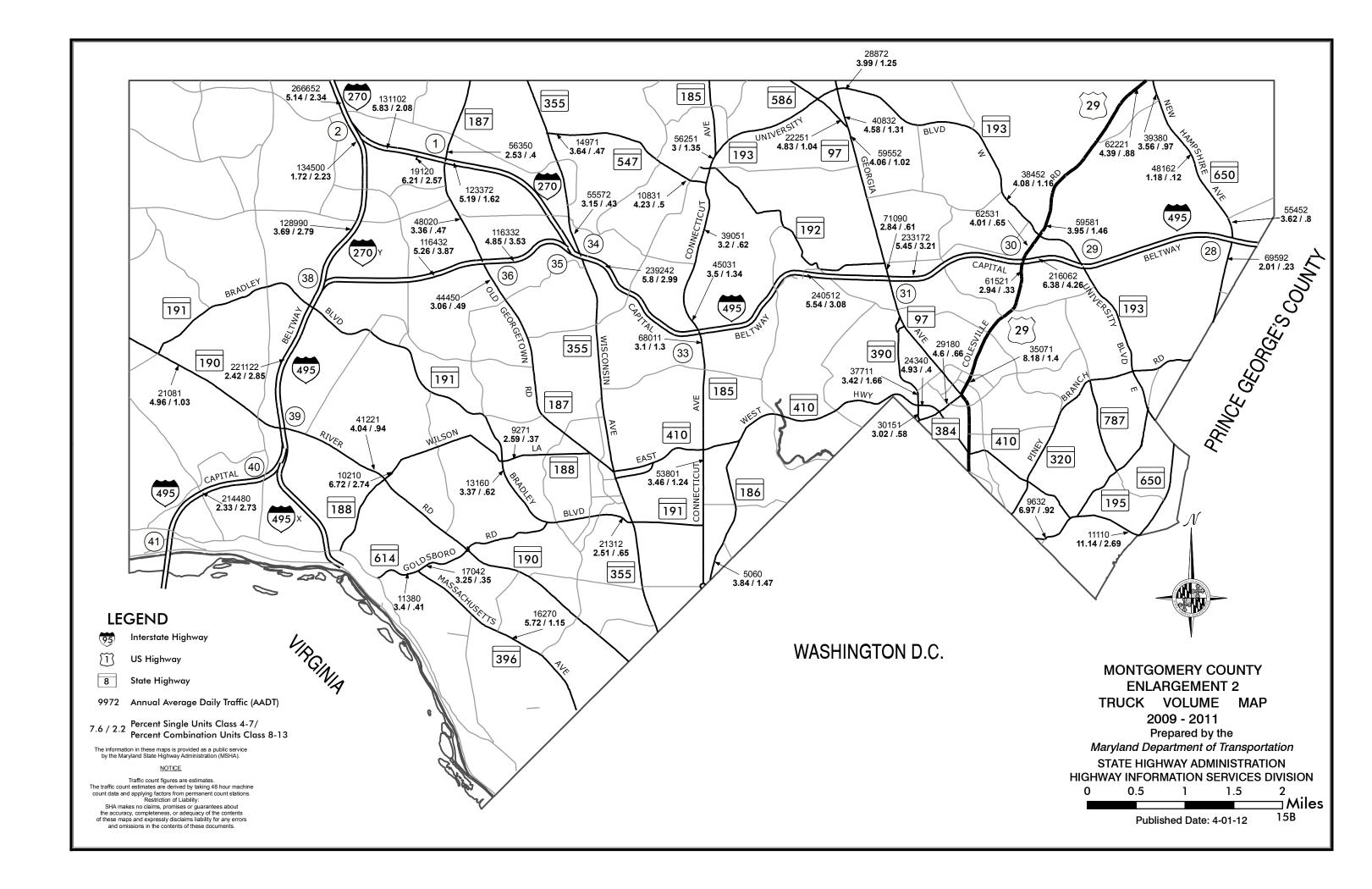


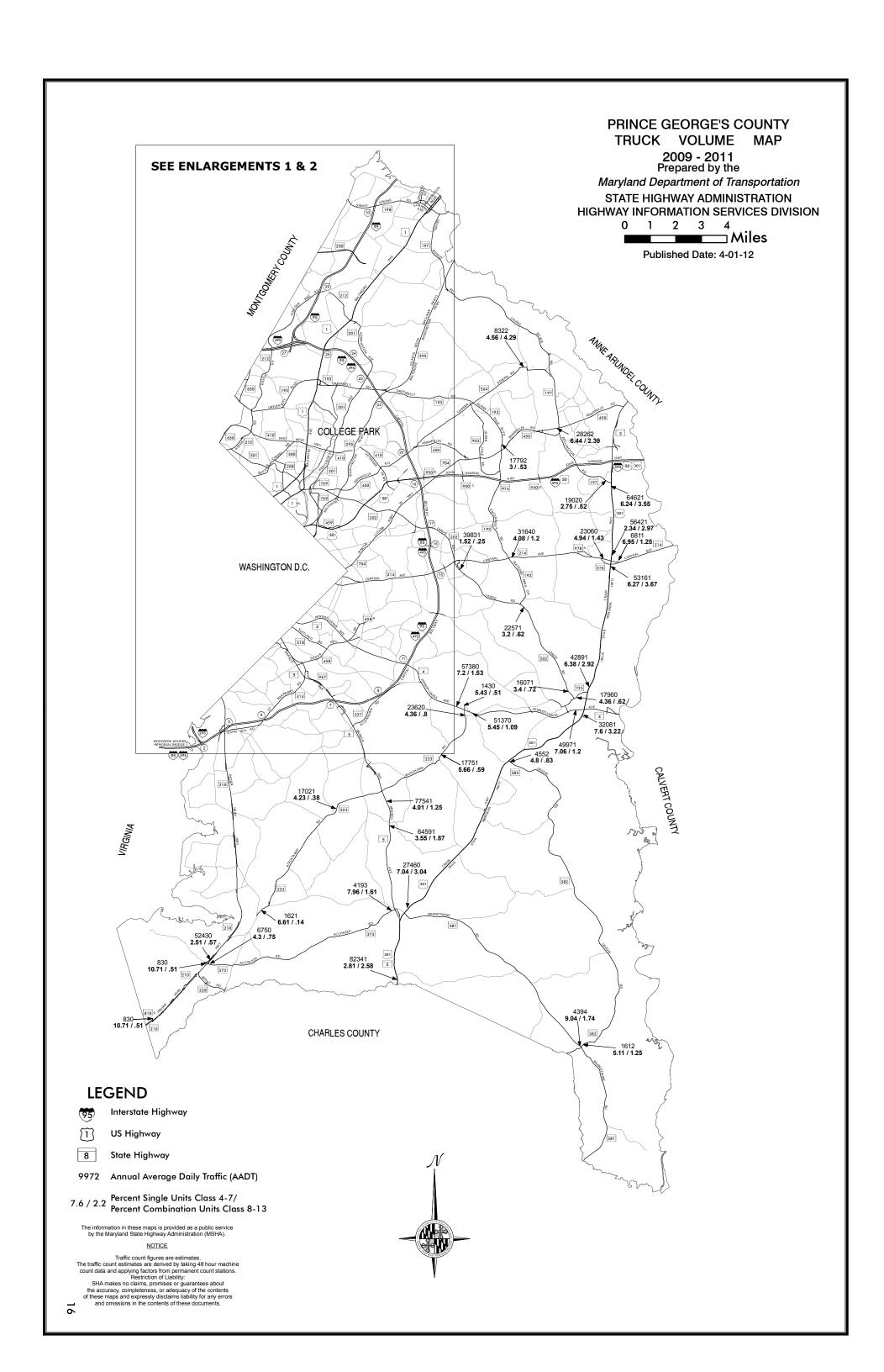
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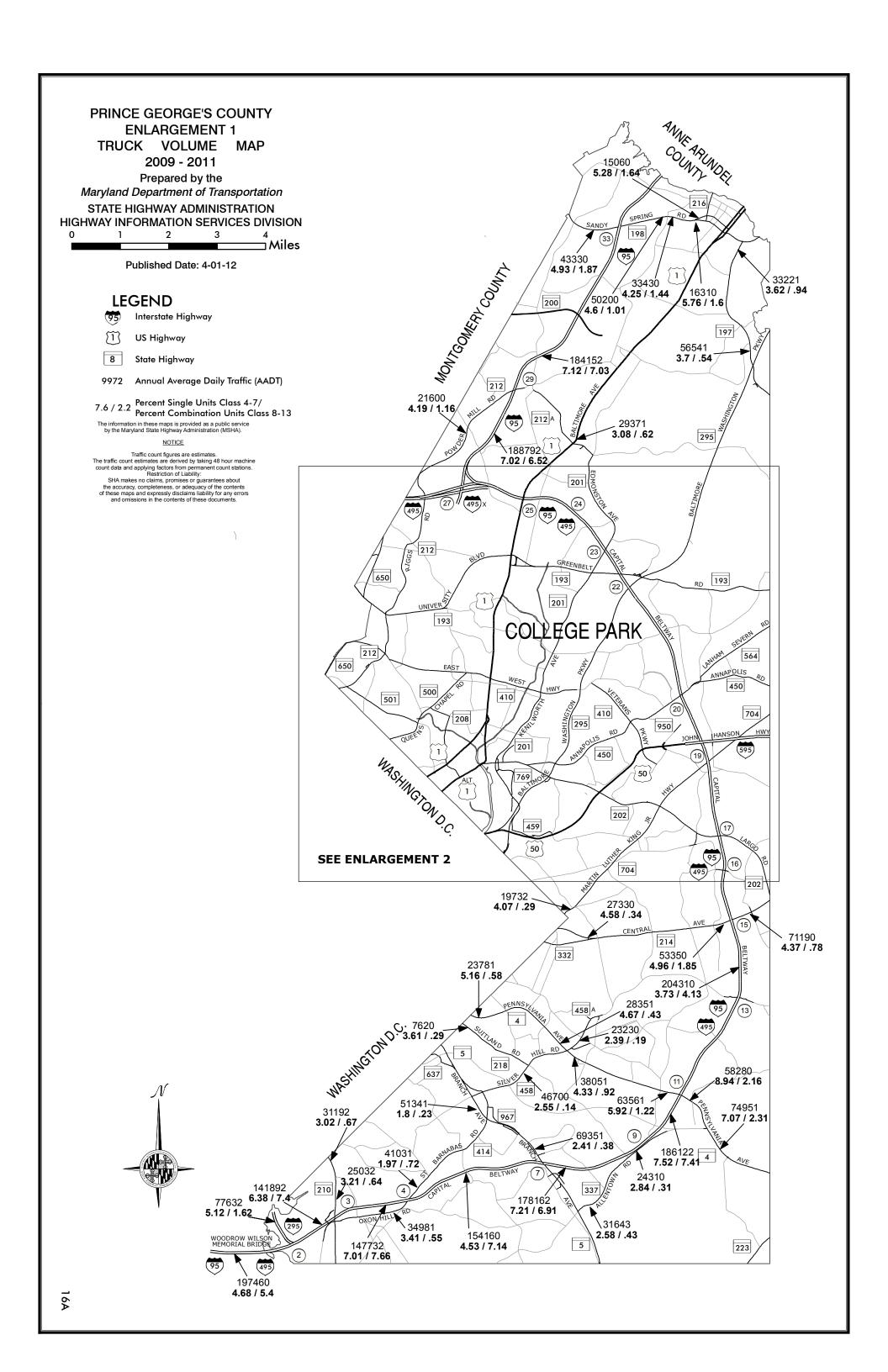
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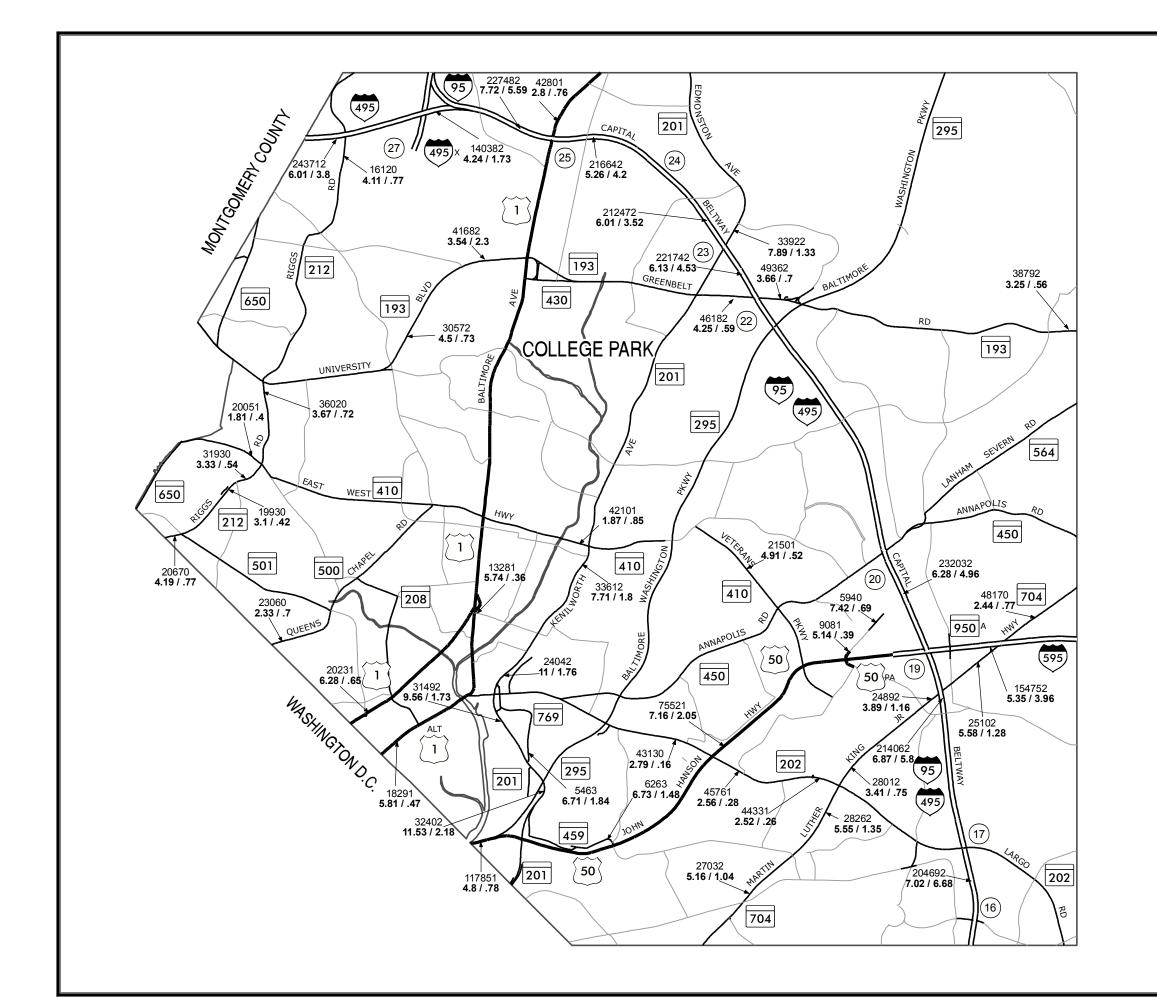












Interstate Highway

**US Highway** 

State Highway

9972 Annual Average Daily Traffic (AADT) 7.6 / 2.2 Percent Single Units Class 4-7/ Percent Combination Units Class 8-13

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PRINCE GEORGE'S COUNTY **ENLARGEMENT 2** TRUCK VOLUME MAP 2009 - 2011

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