

# Transportation Planning Board

## Regional Highlighted Freight Projects

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# Presentation Overview

- Objective
- Freight Context
- Summary List of Projects
  - District of Columbia
  - Maryland
  - Virginia
- Regional Freight Forum, April 27, 2011

# Objectives

- To raise the profile/awareness of freight issues
- To have a short list of identified regional corridors and projects important to freight movement in the region
- To ensure freight is considered in the Regional Priorities Scoping Process
- To have a source of highlighted corridors/projects as new funding opportunities come up

# Freight Context

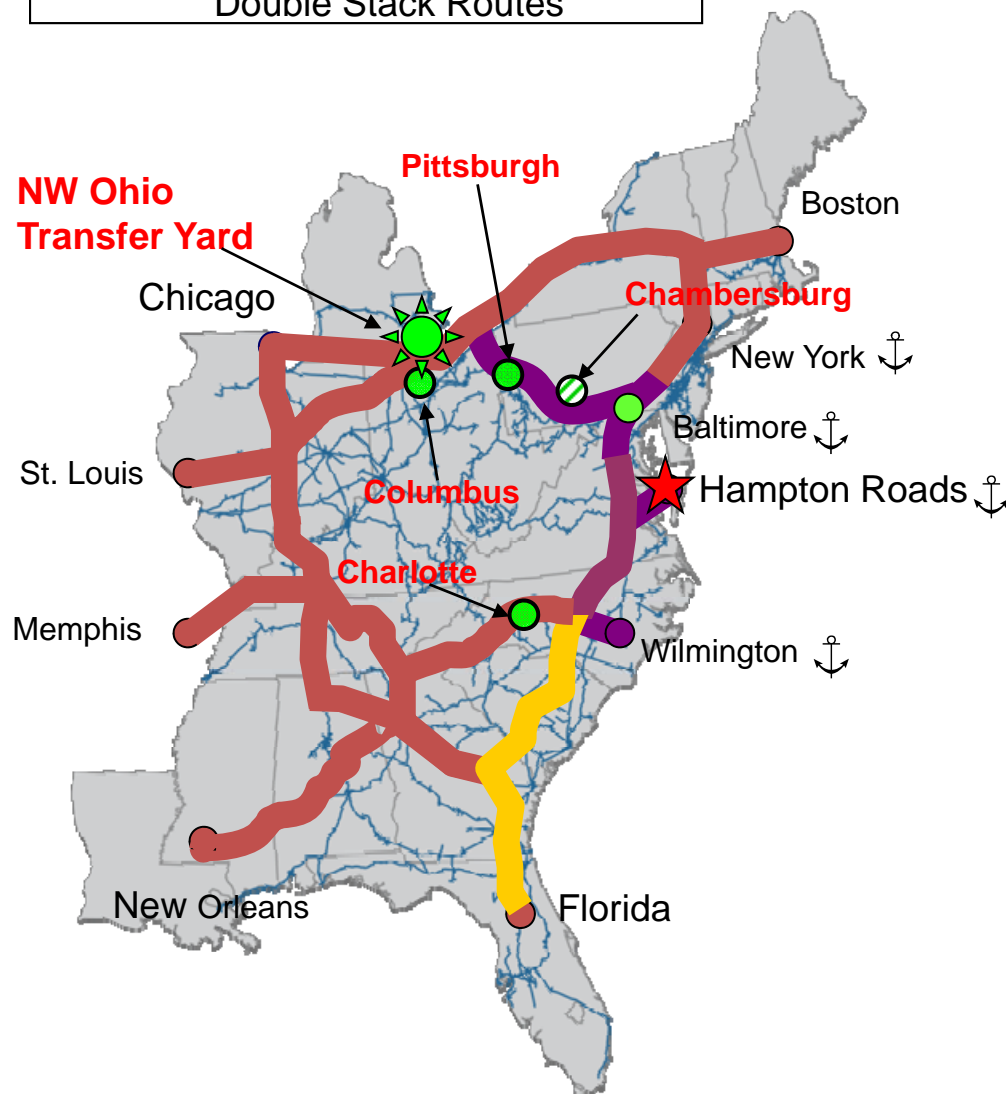
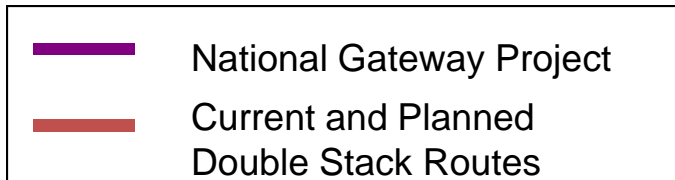
- Population ↑ 28% from 2011 to 2040
- VMT ↑ 22% from 2011 to 2040
- Total NCR tonnage ↑ 46% from 2009 to 2040
- Total NCR value ↑ 126% from 2009 to 2040
- Panama Canal expansion opens in 2014
  - 5,000-12,000 container vessels
- Mid-Atlantic: US 8<sup>th</sup> largest consumer market

# Summary of Projects

<b>FREIGHT TRANSPORTATION PROJECTS-SUMMARY TABLE</b>			
<b>#</b>	<b>Railroad/Jurisdiction</b>	<b>Long-Term</b>	<b>Short-Term</b>
<b>Rail</b>			
1	CSX	CSX National Gateway Corridor	CSX Virginia Avenue Tunnel
2	Norfolk Southern	NS Crescent Corridor	NS 5.8 Mile B-Line Expansion
<b>Highway</b>			
3	DC	Weigh Station within DC Boundaries	Uniform Commercial Curbside Loading Zone Program
4	MD	Relieve congestion along I-95/I-495 from Woodrow Wilson Bridge to Howard County Boundary	I-70 Phase 4
5	VA	Relieve congestion along I-95 from Prince William County Southern Boundary to MD Boundary	I-66 and I-495 Access Improvements

\*Note: Please read Project Description sheets on the following pages for more project detail.

# CSX



**Long-Term: National Gateway Project**

- 61 projects in 6 states
- 6 new/enhanced terminals (1 near Balt)
- Double stack between Mid-Atlantic and Midwestern markets
- Total cost: \$842M

**Short-Term: Virginia Avenue Tunnel**

- Update antiquated tunnel (100+ yr)
- Double-stack and double-track
- Minimize passenger train delays
- Total cost: \$160M



# Norfolk Southern



**Long-Term: Crescent Corridor Project**  
-2,500 mile network between New Jersey and New Orleans  
-11 new/enhanced terminals  
-Total cost: \$2.5 Billion

**Short-Term: 5.8 Mile B-Line Expansion**  
-Second main line from Manassas to Balls Ford Road  
-Relieve critical chokepoint  
-Total cost: \$25M-\$35M estimate

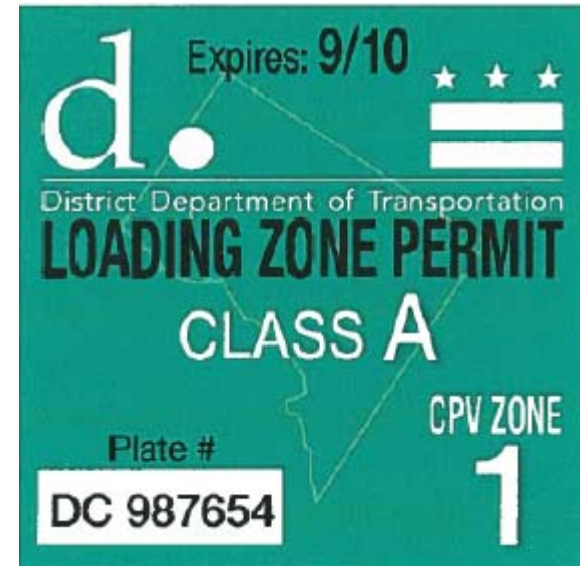


# Washington DC



## Long-Term: Weigh Station

- Preserve physical condition of roads by applying size and weight standards and technologies along high volume truck routes
- Two-way weigh station within District
- Comprehensive approach to enforcement of truck traffic throughout the District
- Total cost: \$8M (not including land acquisition)



## Short-Term: Commercial Curbside Loading Zone Program

- Uniform curb markings, clarity for commercial vehicles
- Proper enforcement
- Total cost: \$300K annually



# Maryland

## Annual Average Daily Truck Traffic (AADTT)

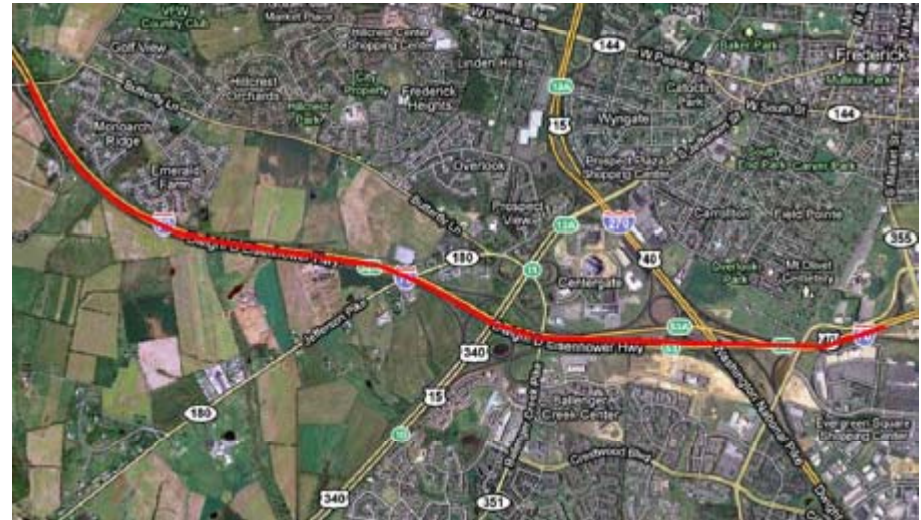
### Top Maryland Highway Segments by Total AADTT 2007

Rank	Location	AADTT Range	Notes
1	I-95 DE state line to Havre de Grace except for the Tydings Bridge	16,300 to 17,700	Lower truck counts on Tydings Bridge (over Susquehanna)
2	I-81 Washington County	15,200 to 16,000	Except a short section between MD 58 and Maugansville Road near Mack Truck plant
3	I-95 Between the Baltimore and Washington Beltways	15,800 to 15,900	Drops to 10,200 between MD 32 and MD 175 (Jessup)
4	I-95 in Baltimore and Harford Counties	13,800 to 15,200	From I-695 to Aberdeen area
5	I-95/I-495 in Prince George's County	12,400 to 13,600	Data for several Beltway sections drops to as low as 8,800 (near MD 214), 6,500 (near Greenbelt Metro), and 6,500 near Woodrow Wilson bridge

# Maryland

## **Long-Term: I-95 from Woodrow Wilson Bridge to Howard County Boundary**

- Relieve congestion, provide access to planned development
- Increase travel time reliabilities
- Improve I-95/I-495 bottleneck
- Total cost: \$3B-\$5B



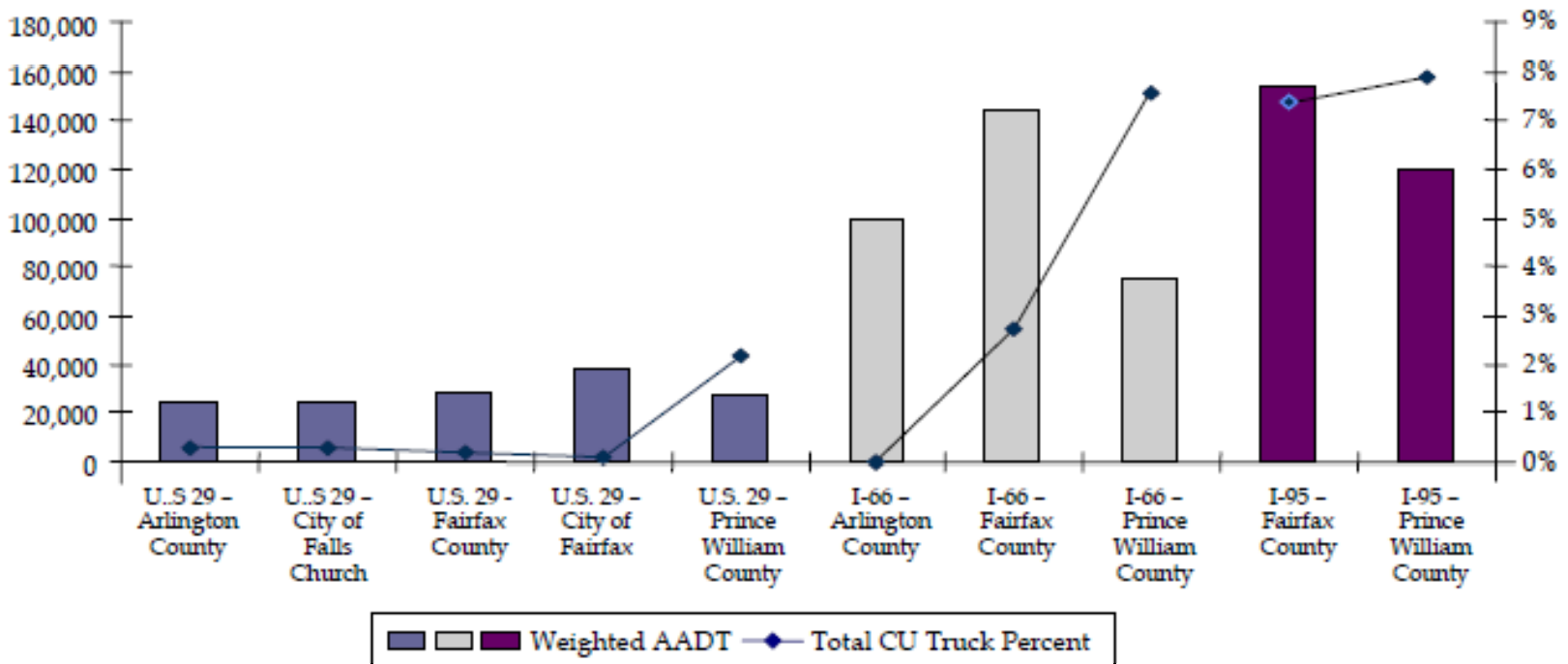
## **Short-Term: I-70 Phase 4**

- Increase corridor capacity on route with high truck percentages
- Total cost: \$100M-\$120M

# Virginia

## Annual Average Daily Traffic (AADT)

Average AADT and Truck Percentages



Source: Draft VA Statewide Multimodal Freight Program 2010

# Virginia

## **Long-Term: I-95 from Prince William County Southern Boundary to MD Boundary**

- Relieve congestion
- Critical for delivery of goods to consumers in subregion, as well as national network
- Total cost: Unknown



## **Short-Term: I-66 and I-495 Access Improvements**

- Relocate existing general purpose ramp so as to have the exit ramp merge with I-495 on the right side instead of the left side
- Relieve major bottleneck in the region
- All trucks must exit I-66 at this junction
- Total cost: \$106.7M

The National Capital Region Transportation Planning Board (TPB) will host a

# **Regional Freight Forum**



**When: Wednesday, April 27, 2011**

**Time: 8:30am-1:45pm**

**Where: Hyatt Regency Washington on Capitol Hill  
(Thornton Room)  
400 New Jersey Ave NW, DC 20001**

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**Panel 1: Perspectives on Demand, Eulois Cleckley DDOT (Moderator)**

Donald Ludlow, Cambridge Systematics  
Rosalyn Wilson, Delcan  
George Schoener, I-95 Corridor Coalition

**Panel 2: Freight System, Erik Johnson VDOT (Moderator)**

Randy Mullet, Con-way Trucking/Logistics  
Louis Renjel, CSX Transportation  
Darrell Wilson, Norfolk Southern  
Leo Schefer, Washington Airports Task Force

**John D. Porcari, Deputy Secretary of Transportation**

**Mortimer Downey, Chairman of Coalition for  
America's Gateways and Trade Corridors, former  
Deputy of Transportation 1993-2001**

**Panel 3: Prioritizing Freight Investments, Victor Weissberg (Moderator)**

Anne Ferro, Federal Motor Carrier Safety Administration  
Karen Rae, Federal Railroad Administration  
John Horsley, American Assoc. of State Highway and Transportation Officials

**RSVP at [www.mwcog.org/FreightForum/](http://www.mwcog.org/FreightForum/)**

For questions, contact Karin Foster at [kfoster@mwcog.org](mailto:kfoster@mwcog.org) or by phone at 202-962-3206.

# Thank You

Karin Foster

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