



I-95 Corridor Coalition

Freight Initiatives

presented to
DVRPC Goods Movement Task Force

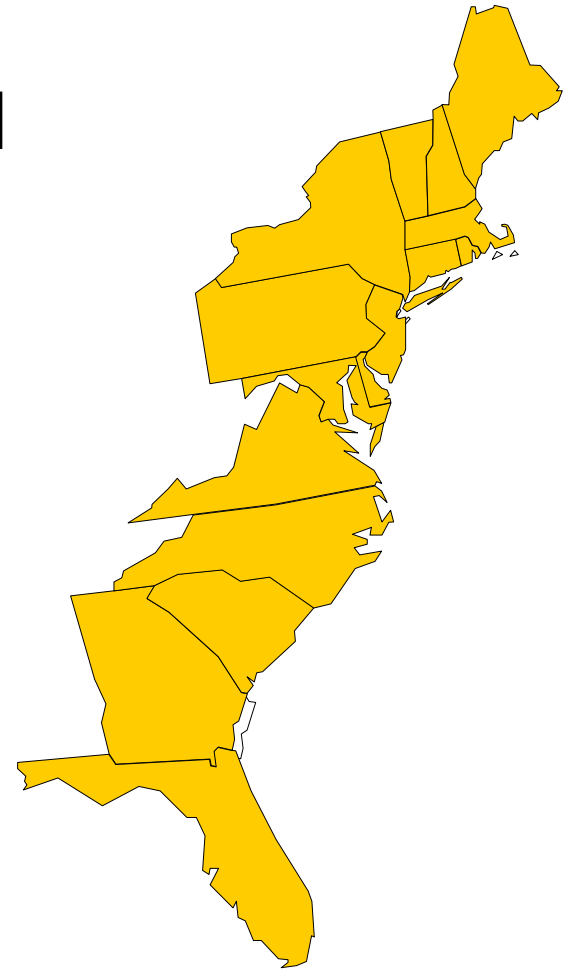
presented by
George Schoener, I-95 Corridor Coalition

July 18, 2007



I-95 Corridor Coalition

- An alliance of transportation agencies, toll authorities, and related organizations from Maine to Florida
- A forum for policy-makers, transportation agencies, and carriers to address transportation management and operations issues of common interest

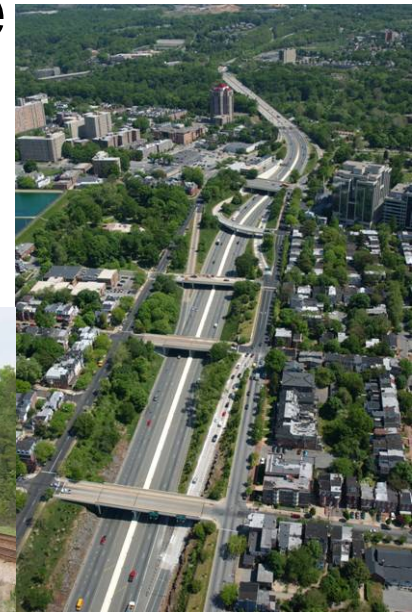




The I-95 Corridor Coalition

The System

- 1,919 miles of I-95
- 40,000 National Highway System miles
- 22,000 miles of Class I rail mileage
- 46 major seaports
- 103 commercial airports

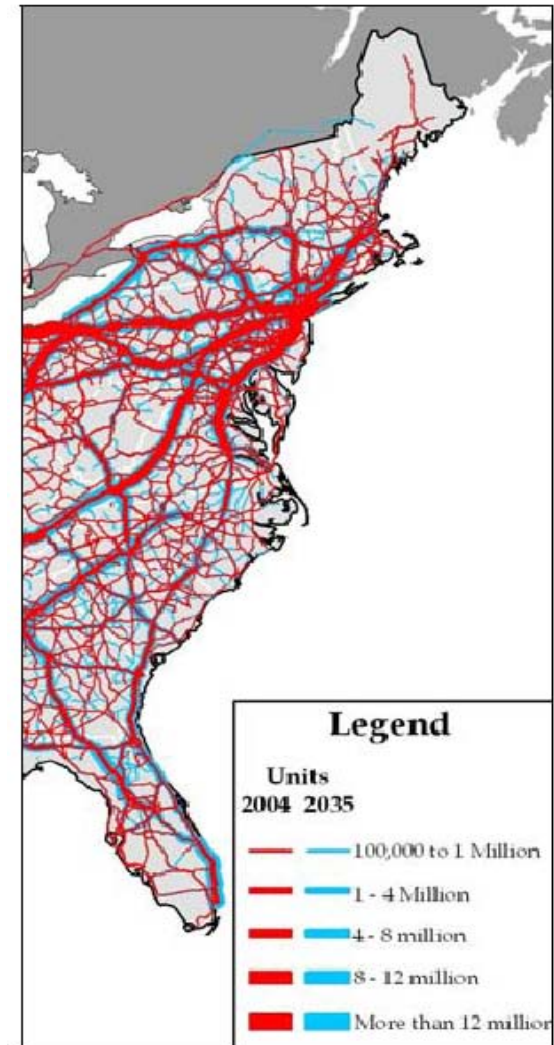




The I-95 Corridor Coalition Region

The Economy

- \$4.5 trillion economy (40% of U.S. GDP)
- 21% of nation's road miles; 35% of nation's VMT
- 5.3 billion tons of freight shipments annually



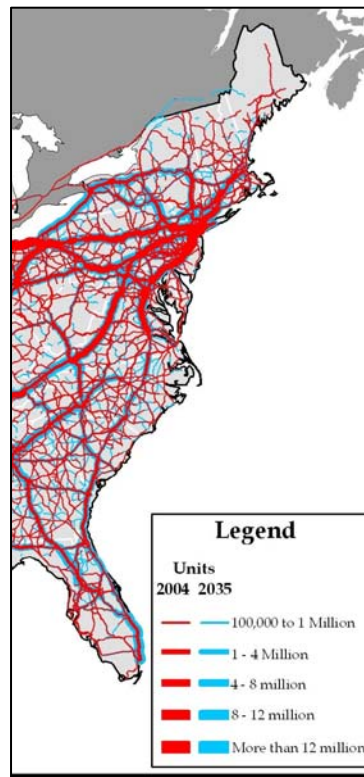
Comparison of Truck Flows in the Coalition Region for 2005 and 2035, Trucks Per Year (Global Insight for AASHTO)



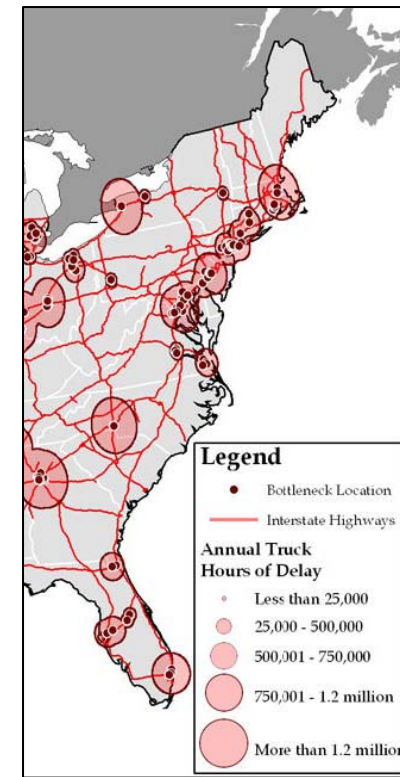
The Coalition Region's Highway Network



National Highway System (FHWA)



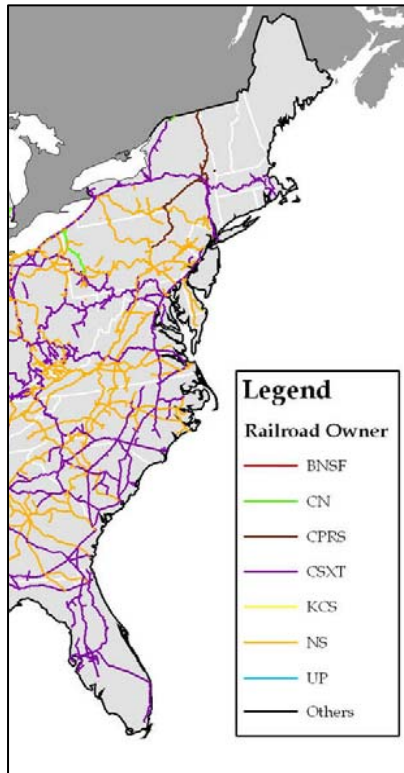
Trucks Per Year
2005 and 2035
(Global Insight for AASHTO)



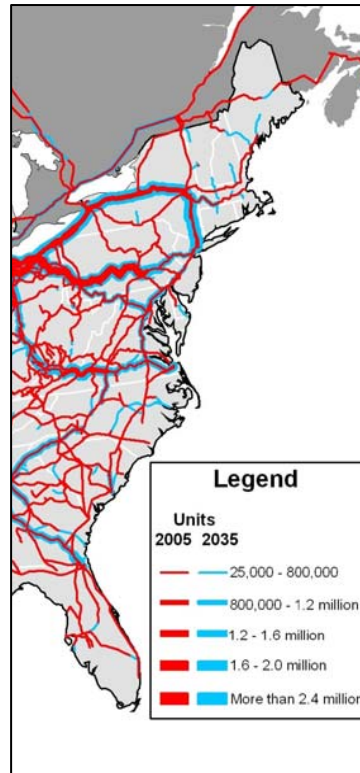
Major Truck-Freight Bottlenecks
2004
(CS for FHWA)



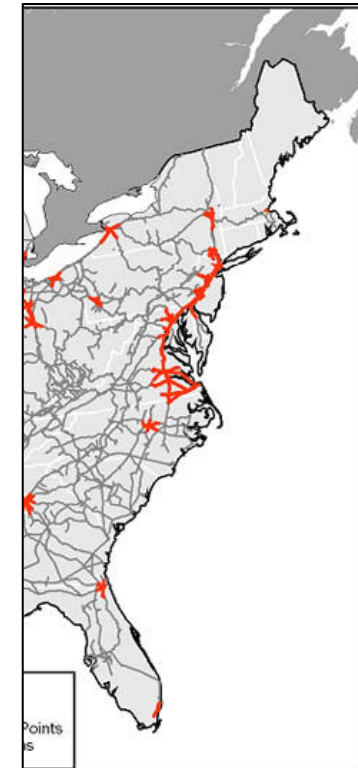
The Coalition Region's Rail Network



Major Rail Lines by Owner (FRA)



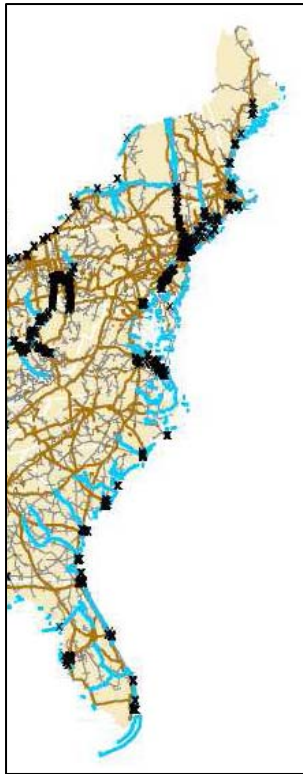
Cars and Containers Per Year
2005 and 2035
(Global Insight for AASHTO)



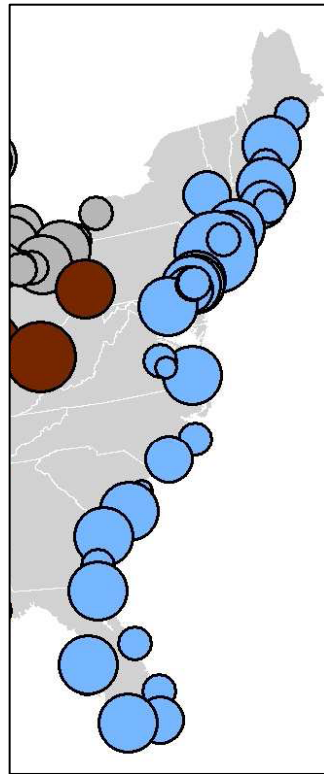
Major Freight Rail Chokepoints
2004
(CS for AASHTO)



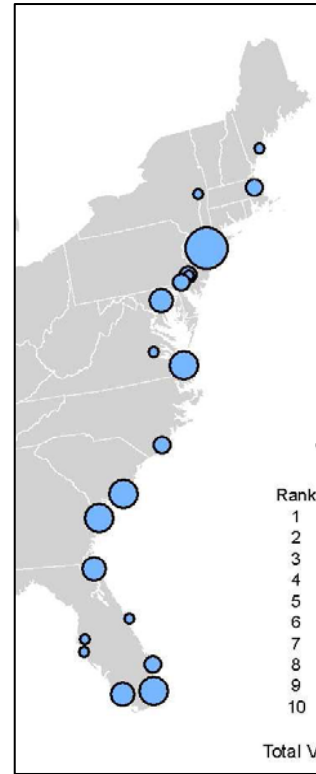
The Coalition Region's Ports



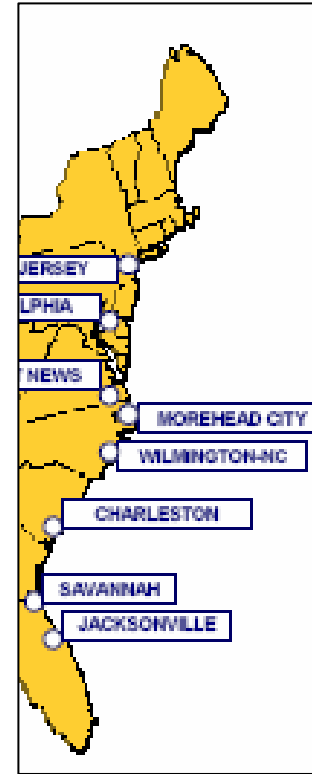
Ports and MTS, Highway and Rail Connectors (USACE and BTS Data)



Ports and Tonnage 2004 (AAPA Data)



Ports and Intermodal Container TEU Volumes 2005 (AAPA Data)



Strategic Military Ports (MARAD)



Freight: Key Statistic ***(AASHTO Future Interstate Study)***

By 2035, every freight truck on the road today will have one more truck behind it; 2,500 miles of interstate will be carrying >50,000 trucks per day compared to 30 miles today



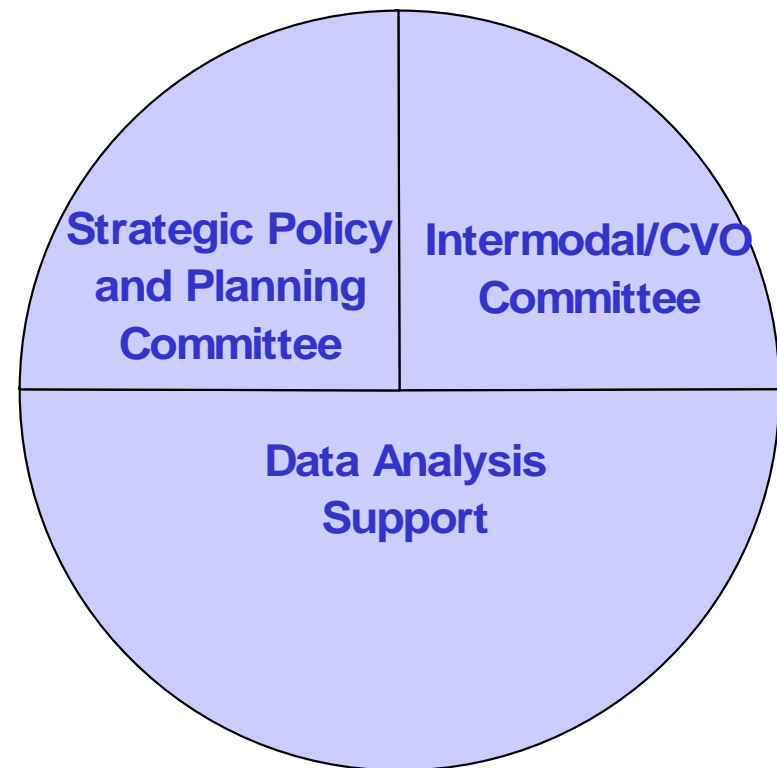
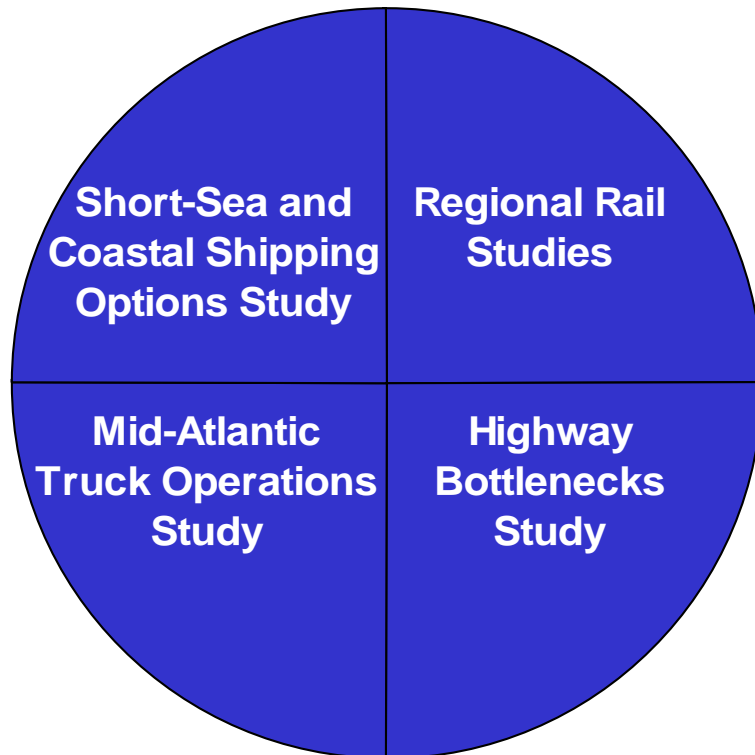


What the Coalition is doing to address this...

- Coordinated Efforts
- Corridors of the Future Application
 - Transforming the Corridor: Key Initiatives
- Integrated Corridor Analysis Tool
- Freight Projects



I-95 Corridor Coalition Coordinated Efforts





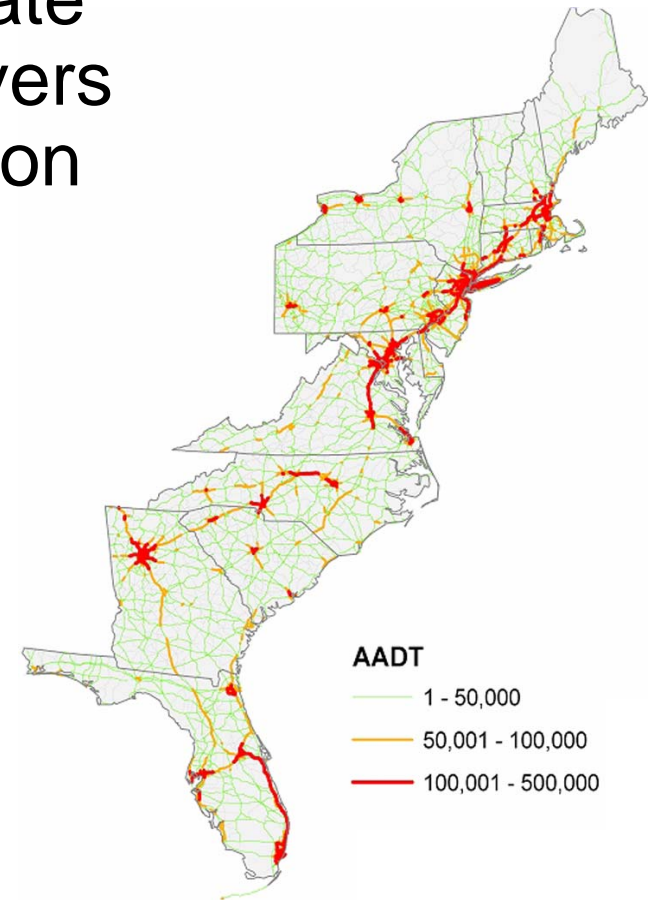
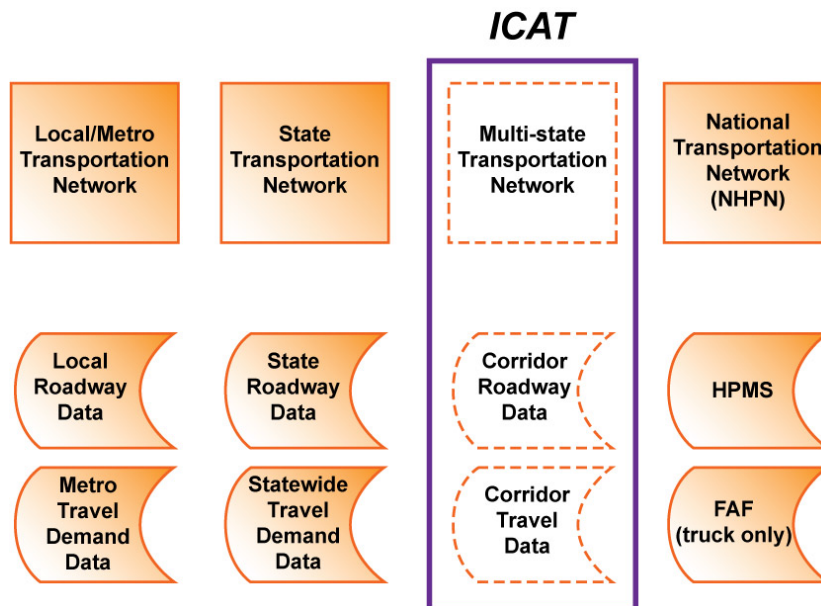
I-95 Corridor Coalition: Transforming the Corridor

- Three key initiatives:
 - Address Critical Bottlenecks
 - Advance solutions for specific bottlenecks on highway and rail
 - Consider potential of all modes
 - Engage members in identifying and advancing approaches for financing major improvement projects
 - Establish Information Sharing Systems
 - Real time information sharing to benefit freight and passenger users in the corridor
 - Integrated Intercity Air/Rail/Bus and Local Transit Services



Integrated Corridor Analysis Tool

ICAT is a GIS-based, multi-state transportation network that covers the full 16-State Coalition region



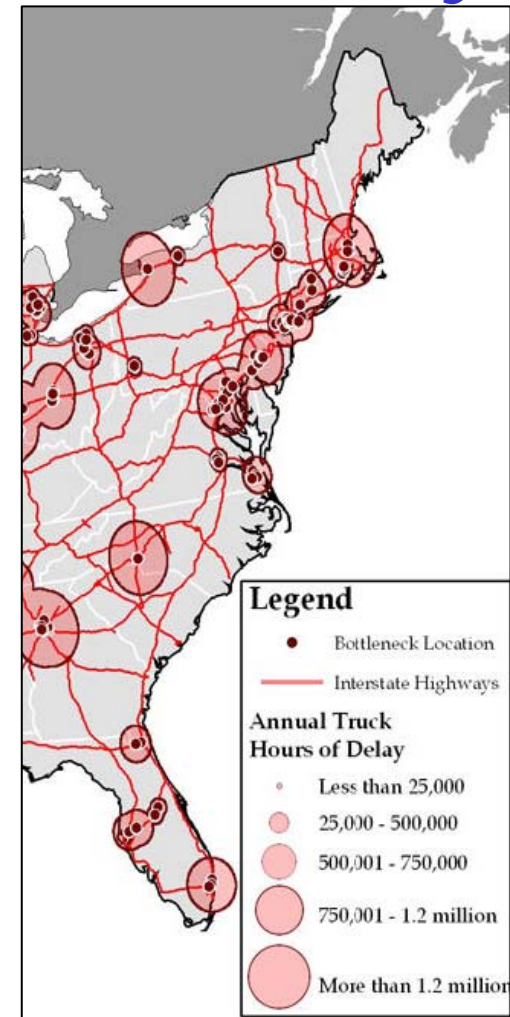


Freight Projects



Mid-Atlantic Truck Operations Study

- Identify the key highway freight bottlenecks
- Estimate the truck-hours of delay and impacts on operations and economy
- Outline a program of improvements to reduce the delays and costs
- Develop institutional and funding approaches to implement the solutions

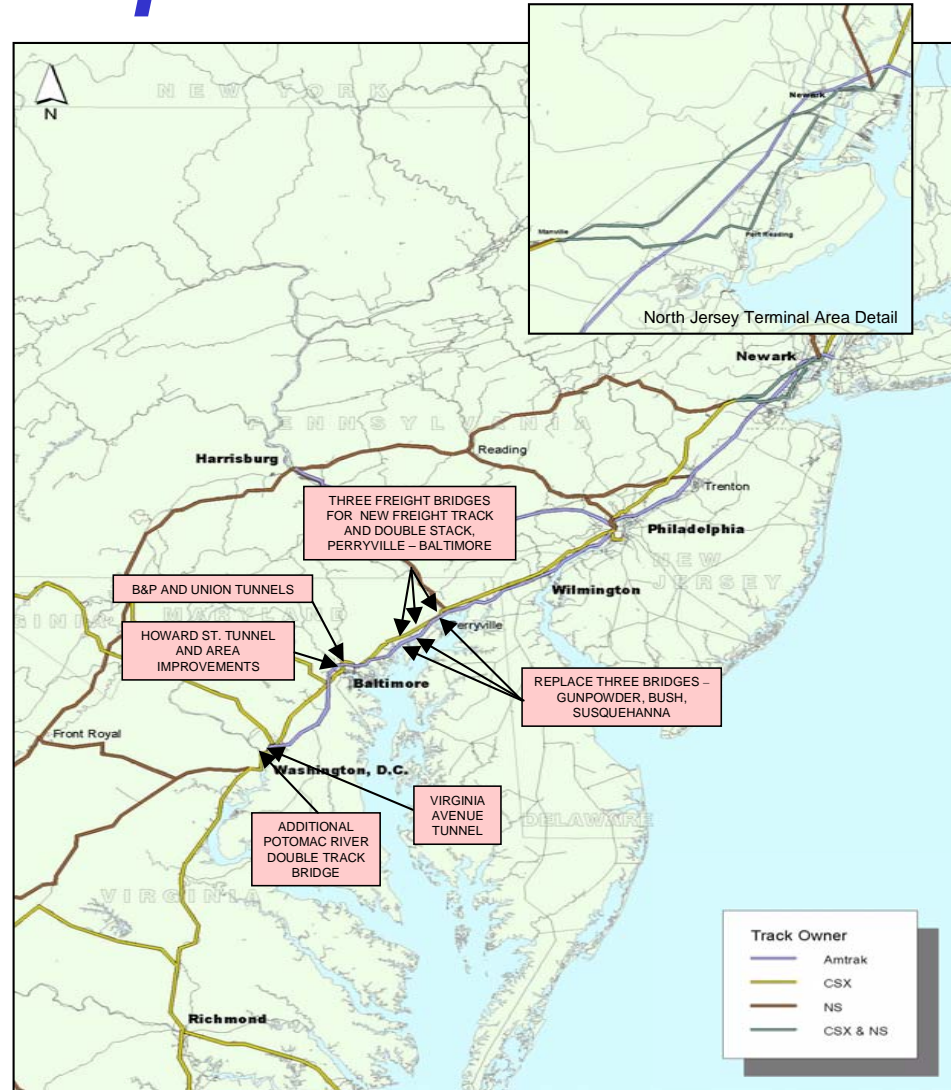


Major Truck-Freight Bottlenecks 2004
(CS for FHWA)



Mid-Atlantic Rail Operations Studies

- Phase I: Research and analyze rail chokepoints in Mid-Atlantic States
- Phase II: Detail and assess the benefits of the MAROps program





Short Sea Shipping Studies

- Phase I: Review National/Regional Issues & Opportunities
- Phase II: Develop Business Model





Additional Freight Projects

- **Freight Academy**
 - Provide immersion program on goods movements to enhance knowledge of public sector key staff to better address freight in policy and planning activities
- **Port Summit**
 - Convene ports and related agencies to assess how ITS and security technologies can be leveraged to improve mobility/landside access



Commercial Vehicle Infrastructure Initiative

- Establish commercial vehicle requirements to be included in the national VII effort
- 13-mile test site on the NYS Thruway Authority Spring Valley Corridor
- DSRC, 5.9 GHz Technology for data on Driver, Vehicle & Infrastructure
- ITS World Congress 2008



I-95 CORRIDOR
COALITION



Thank You