

Presentation to the  
**Maryland Planning Directors' Roundtable**  
December 8, 2015

# Strategic Goods Movement Plan

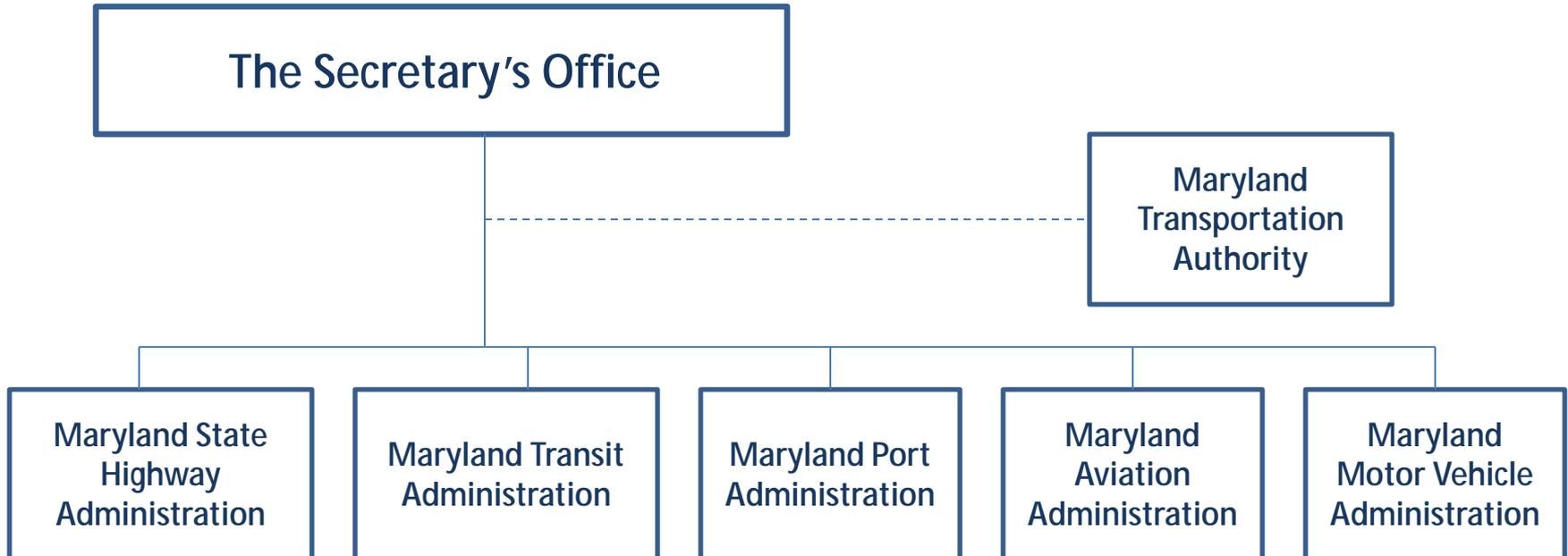


# Agenda

- Overview of MDOT
  - Office of Freight and Multimodalism
- Strategic Goods Movement Plan
  - Background
  - Findings and Recommendations
  - Next Steps

# Maryland Department of Transportation (MDOT)

# Overview of MDOT



# Office of Freight and Multimodalism

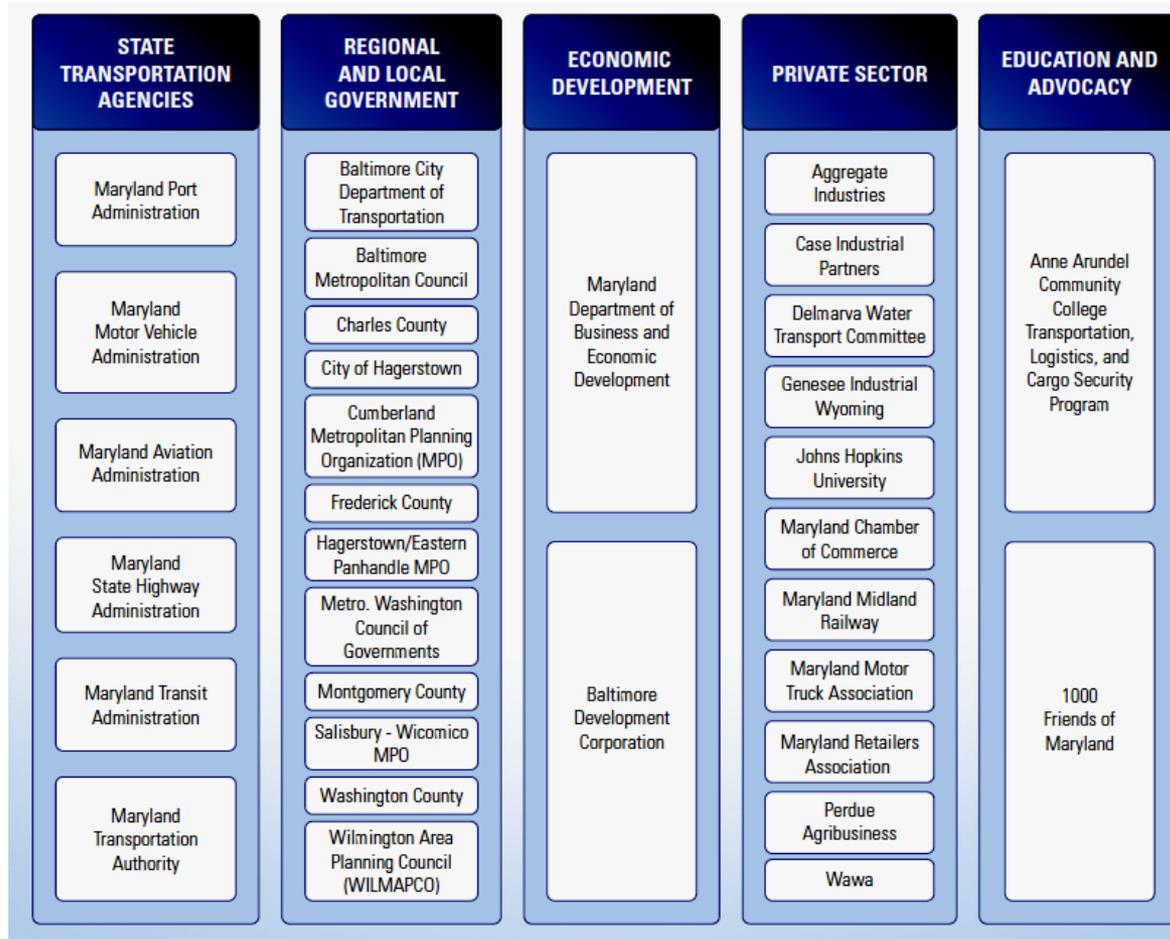
- Located within The Secretary's Office
- Mission
  - To proactively pursue policy and project development for both freight and multimodal transportation in order to facilitate and improve the safe and efficient movement of goods and people across all transportation modes

# Strategic Goods Movement Plan

# Background

- Five year plan
  - Update to the Maryland Statewide Freight Plan (2009)
- Examines current goods movement patterns
- Looks at trends and long-range projections
- Recommends policy positions and strategies for MDOT and stakeholders

# Partnerships and Outreach



# Maryland's Freight Statistics

## MARYLAND FREIGHT AT-A-GLANCE



32,372 PUBLIC ROAD MILES



1,152 TRACK MILES



530 INLAND WATERWAY MILES



52,568 CARGO RUNWAY FEET



3,394,859 TOTAL EMPLOYEES  
1,511,995 FREIGHT INDUSTRY  
EMPLOYEES



168,948 TOTAL BUSINESSES  
82,639 FREIGHT INDUSTRY  
BUSINESS



\$123.4 BILLION ANNUAL  
FREIGHT GDP  
\$70.9 BILLION ANNUAL FREIGHT  
INDUSTRY EMPLOYEE  
COMPENSATION

# Transportation Modes by Industry Sector

## INDUSTRY SECTORS



## MODES



## SHIPMENT CHARACTERISTICS



# Findings

- Additional work is needed for MDOT to meet its vision for goods movement
  - Fifteen (15) issues discovered
- For each issue, MDOT identified strategies to achieve desired outcome that aligns with overall vision for goods movement

# Issues and Recommendations

- Issues and recommendations were grouped in same six categories as the MD Transportation Plan
  - Quality of Service
  - System Preservation
  - Environmental Stewardship
  - Community Vitality
  - Safety and Security
  - Economic Prosperity

# Issues and Recommendations



# Quality of Service

Problem	Strategy	Outcome
Congested and unreliable networks (short line freight railroads, highways and passenger/freight rail)	Fund projects that relieve congestion	Reliable and safe highways and railroads

# System Preservation

Problem	Strategy	Outcome
Lack of short line funding availability	Leverage partnerships and innovative funding	Robust short line rail program
Proper permitting for oversize/overweight trucks (permits and fees)	Study effects of heavier trucks	Formal truck size and weight policy including BCA
Dredge placement	Innovative and beneficial use of dredge materials	Maintained and improved shipping channels

# Environmental Stewardship

Problem	Strategy	Outcome
Vulnerable freight infrastructure	Identify and inventory freight assets	Provide for protection of freight assets

# Community Vitality

Problem	Strategy	Outcome
Conflicts between trucks and people in dense population areas	Partner with MPOs and MDP to plan and identify truck routing	Proper truck routing

# Safety and Security

Problem	Strategy	Outcome
Crashes and incidents on freight network	Continue and enhance modal safety programs	Safe highways and railways
Unsafe truck parking practices	Innovative capacity and technology projects	Expand supply and use of truck parking

# Economic Prosperity

Problem	Strategy	Outcome
Lack of double stack rail	MDOT partnership with railroads	Double stack network
Lack of skilled freight workforce (truck drivers and other workers)	Provide guidance on transportation aspects of workforce development	Higher job fulfillment rate

# Next Steps

- Plan was approved by MDOT Secretary in Fall 2015
- Implementation
  - Five year plan; implementation will take time
  - Individual work plans being developed for each recommendation
  - Three types of strategies for implementation
    - Planning and Programming
    - Data and Analysis
    - Communications and Partnerships
- Performance Measures
  - MDOT will track progress through performance measures

# QUESTIONS?

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