

Maryland State Freight Plan



MILESTONE 1: Introduction and Visioning

April 2021



Presentation Goals

1. What is the purpose of the freight plan?
2. When will the update be done?
3. Who determines what the plan includes?
4. How will the freight plan be organized?
5. What are the **Vision**, **Goals**, and **Objectives**?

Follow the survey link at the end of this presentation to share your opinions





1. What is the purpose of the freight plan?

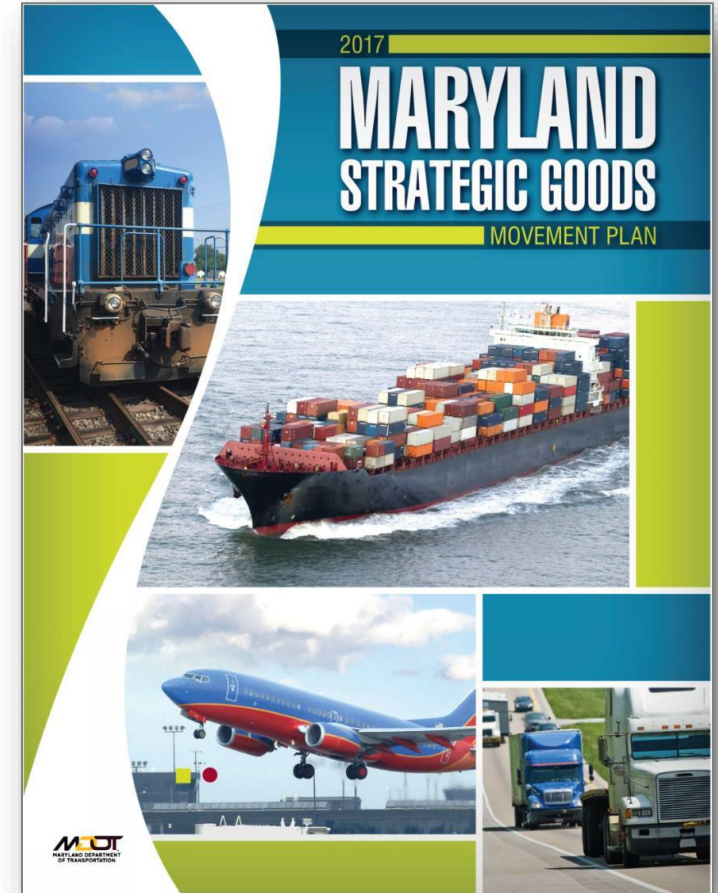


Introduction

Freight Plan Purpose:

To examine existing and projected conditions, and identify policy positions, strategies, and freight projects to improve freight movement efficiency and safety.

*Last updated and certified in 2017 as the **Maryland Strategic Goods Movement Plan**, the Maryland Department of Transportation (MDOT) has begun the process to update the State Freight Plan for an expected revision date and federal re-approval by Fall 2022.*



Introduction

The State Freight Plan Update will focus on:

- **Federal freight planning requirements** of MAP-21, FAST Act, or beyond
- **Comprehensive overview of freight movement** in Maryland
- Freight **supply chain** or **technology** influences
- Identifying **policy needs** and **strategies**
- Identifying **freight project priorities** and **investment plans** for a five-year forecast period
- **Collaborative** effort among freight stakeholders
- **Coordination** with existing/ongoing plans and resources

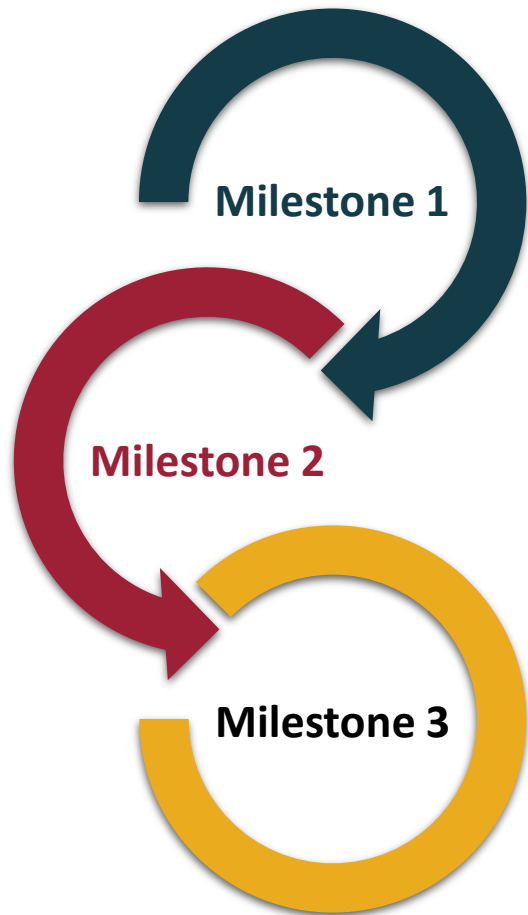




2. When will the update be done?



Update Milestones



Spring
2021

Milestone 1: Visioning

Establish the plan's vision, goals, and objectives, while also exploring initial freight-related strategies, needs, and opportunities.

Summer
2021

Milestone 2: Projects and Programs

Identify and compile freight-relevant projects and programs to address future trends, needs, and opportunities

Late
2021

Milestone 3: Draft Plan Review

Compile the overall Maryland State Freight Plan for draft review, including the proposed freight investment plan and strategy details



Update Schedule





3. Who determines what the plan includes?



Federal Requirements



*Current transportation regulations under the **FAST Act** outline ten minimum requirements for statewide freight planning per 49 U.S.C. 70202*

FAST Act Statewide Freight Planning Requirements:

1. Freight System Trends, Needs, and Issues
2. Freight Policy, Strategy, and Performance Measure Evaluations
3. Freight Network
4. Implementation Alignment with National Freight Policy Goals
5. Innovative Technologies
6. Asset Preservation and Improvement Strategies
7. Freight Bottlenecks, Mobility Issues, and Mitigation Strategies
8. Freight Congestion and Mitigation Strategies
9. Freight Investment Plan
10. Freight Advisory Committee Consultation



State Perspectives



*Freight plan updates will be aligned with broader statewide goals from the **2040 Maryland Transportation Plan (MTP)***



2040 MTP Goals



Ensure a Safe, Secure, and Resilient Transportation System



Facilitate Economic Opportunity and Reduce Congestion in Maryland through Strategic System Expansion



Maintain a High Standard and Modernize Maryland's Multimodal Transportation System



Improve the Quality and Efficiency of the Transportation System to Enhance the Customer Experience



Ensure Environmental Protection and Sensitivity

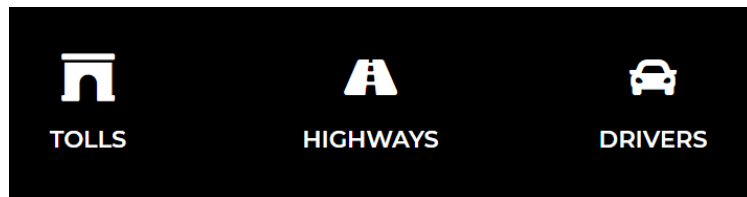
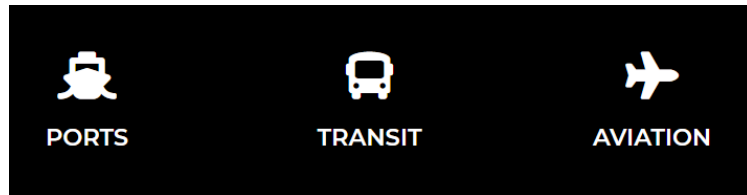


Promote Fiscal Responsibility

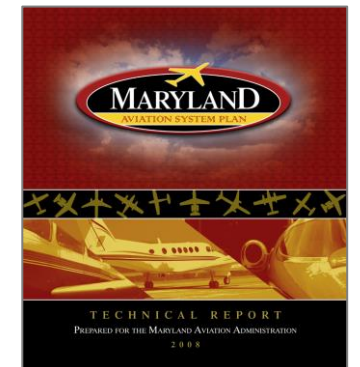
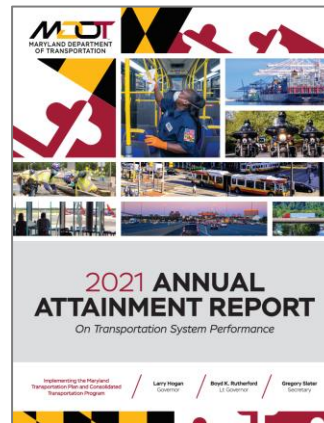
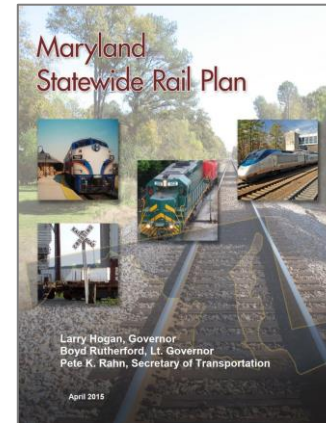
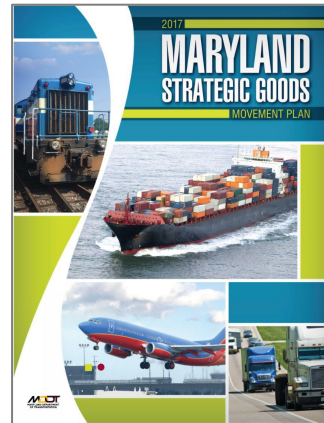


Provide Better Transportation Choices and Connections

State Perspectives



Perspectives will also coordinate with and be informed by multimodal plans and programs from across MDOT's Transportation Business Units (TBUs)



Stakeholder Perspectives

Stakeholder Groups

MDOT Freight Transportation Business Unit (TBU) Roundtable
State Freight Advisory Committee (SFAC)
Metropolitan Planning Organizations (MPO)
Federal Highway Administration (FHWA)
Regional and Public/Private Sector Stakeholders

Stakeholder perspectives will explore freight trends, needs, and issues with input from state and federal agencies, regional planning partners, and the private sector, including coordination with Maryland's State Freight Advisory Committee (SFAC)



Metropolitan Planning Organizations (MPOs)

State Freight Advisory Committee (SFAC)

Aberdeen Proving Ground

Amazon

Aviation Facilities Company Mgmt., LLC

Baltimore City

Baltimore Development Corporation

Baltimore Industrial Group

BMC

Belt's Transportation Services

Calvert-St. Mary's MPO

CAMPO

Canton Railroad Company

Community College of Baltimore

Consumer Brands Association

Cowan Systems, LLC

CSX

Delaware DOT

D.M. Bowman, Inc

FedEx

FHWA

FMCSA

HEPMPO

Maryland and Delaware Railroad

Maryland DOC, DOE, DOL, DOP, DOT

Maryland Motor Truck Association

Norfolk Southern

Pennsylvania DOT

Perdue Agri Business

Ports America Chesapeake

Salisbury/Wicomico

Specialized Carrier and Rigging Assoc.

SYSCO Eastern Maryland

The Terminal Corporation

Tradepoint Atlantic

UPS

Virginia DOT

Wallenius Wilhelmsen Line

Weller Development

WILMAPCO

W.R. Grace Inc.

MWCOG

WVDOT





4. How will the plan be organized?



Freight Plan Outline



Freight Plan Outline

SECTIONS 1-2:

Strategic Guidance

SECTIONS 3-6:

Freight System and Assessments

SECTIONS 7-9:

Freight Action Plan

1

Introduction

Purpose and Vision
Recent Actions and Highlights
Stakeholders and Partnerships

2

Strategic Goals and Objectives

Federal Requirements
National Freight Policy
2040 Maryland Transportation Plan
MDOT State Freight Plan

3

Freight Demand and the Economy

Overall Freight Demand
Agriculture and Mining
Construction and Industry
Manufacturing
Wholesale Trade and Transportation
Retail Trade and Health Care
Government and Knowledge

4

Freight Network and Infrastructure

Roadway Infrastructure *
Railroad Infrastructure
Port and Waterway Infrastructure
Air Cargo Infrastructure
Energy Infrastructure

5

Freight System Performance

Performance Measures Overview and Tracking
Safety, Security, and Resilience
Economic Opportunity and Efficiency *
System Preservation and Modernization
Quality of Service, Efficiency, and Customer Experience
Environmental Protection and Sensitivity
Fiscal Responsibility
Transportation Choices and Connections

6

Freight System Trends, Needs, and Issues

Statewide
Western Maryland
Eastern Shore
Southern Maryland
Baltimore Metro Region
Washington Metro Region

7

Freight Investment Plan

Financial Plan
Investment Plan Priorities
Unfunded Needs *

8

Freight Focus Areas and Strategies

Freight Congestion and Mitigation *
Innovation and Technology Opportunities *
Freight and Asset Management *
Truck Parking *
Other Areas

9

Implementation

Planning and Programming
Data and Analysis
Communication and Partnerships
Next Steps

* Appendices will be expanded to house relevant supporting details where applicable.



Peer Review Insights

- Plan refinements will consider potential Best Practice insights based on peer reviews of relevant policy, industry, state, and regional examples

Peer Review Sources

Policy / Industry Perspectives	Statewide Perspectives		Regional Perspectives
FAST Act Requirements	Delaware	Florida	Delaware Valley Regional Planning Commission (DVRPC)
ATRI Best Practices *	Virginia	Minnesota	New York Metropolitan Transportation Council (NYMTC)
ATRI Critical Issues	West Virginia	Washington	Ohio-Kentucky-Indiana Regional Council of Governments (OKI)
APA Policy Outcomes	Pennsylvania		Southwestern Pennsylvania Commission (SPC)

** Included insights from TX, GA, CA, MS, IA, FL, WA, MI, OH, NV, MD, AL*



Peer Review Insights

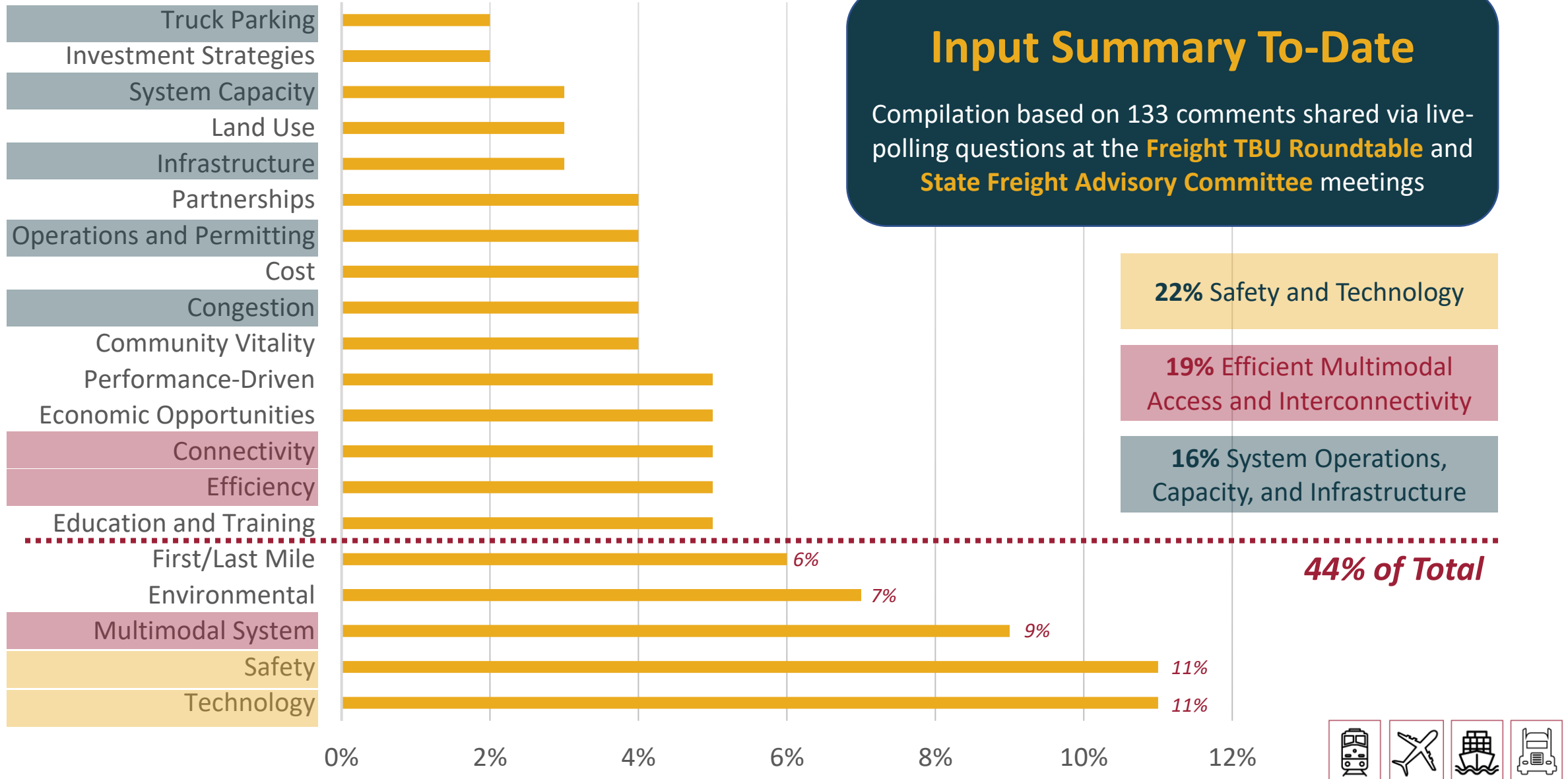
- Peer review findings show there is no “one size fits all” approach; however, common themes often focus on plan organization, use of freight data, and external collaboration

Potential Best Practice Opportunities



Input Summary To-Date

Compilation based on 133 comments shared via live-polling questions at the **Freight TBU Roundtable** and **State Freight Advisory Committee** meetings



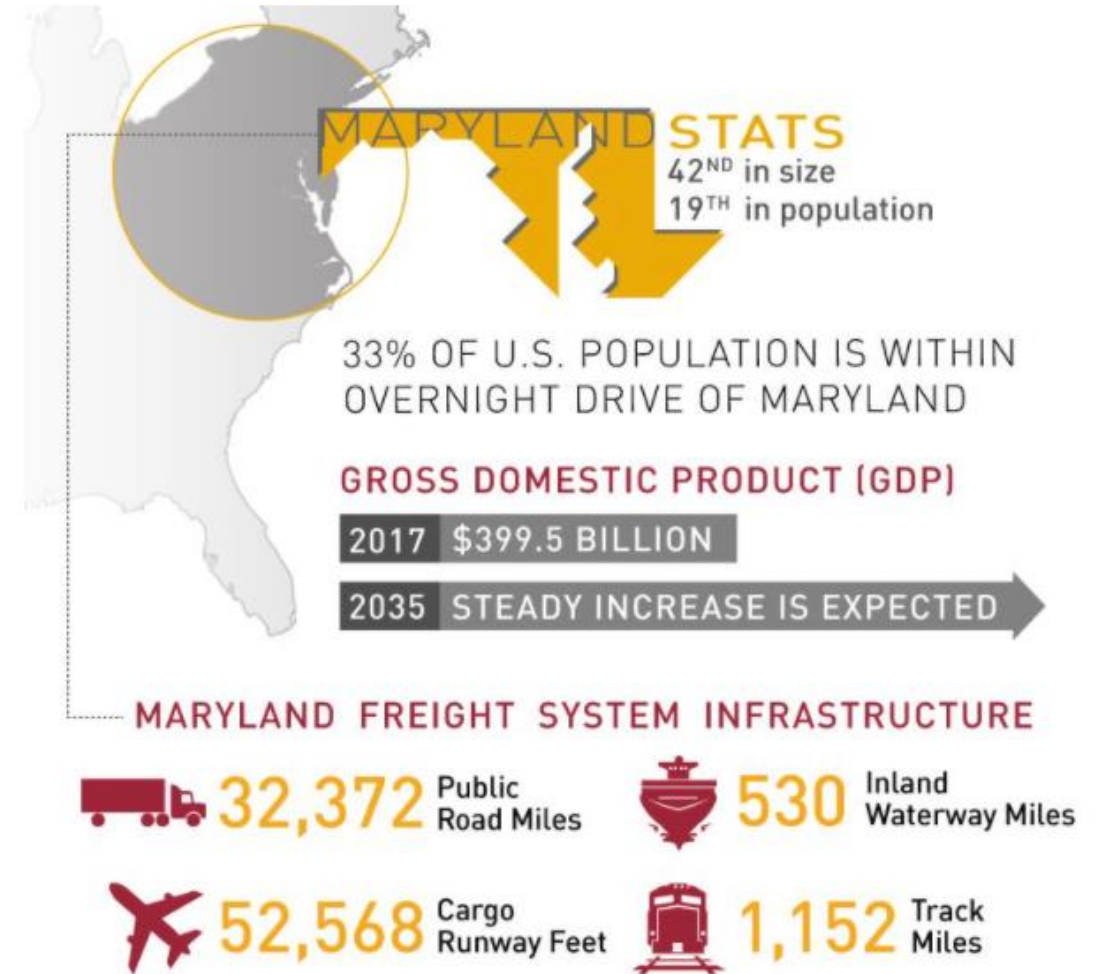


5. What are the Vision, Goals, and Objectives?



Freight Vision (Draft)

Freight travels freely and safely through a modern, resilient, and interconnected multimodal network contributing to sustainable economic viability and growth for Maryland businesses and communities.



Freight Goals (Draft)



Safety, Security, and Resilience

Ensure the safe, secure, and resilient movement of goods on Maryland's multimodal freight network.



Economic Opportunity and Efficiency

Enhance economic competitiveness through freight industry opportunities, mobility improvements, and strategic system expansion.



System Preservation and Modernization

Modernize Maryland's multimodal freight network and operations with innovative solutions from origin to destination.



Quality of Service, Efficiency, and Customer Experience

Enhance transportation services and communications for users of Maryland's multimodal freight system.



Environmental Protection and Sensitivity

Support sustainable freight infrastructure, community vitality, and environmental stewardship.



Fiscal Responsibility

Ensure responsible freight system investment and management through performance-based decision-making and innovative funding mechanisms and partnerships.



Transportation Choices and Connections

Support alternative transportation choices and goods delivery options by improving multimodal and last-mile connections.



Freight Objectives (Draft)

- **OBJECTIVES** define the desired outcomes associated with each goal
- **STRATEGIES** define action steps to help achieve the objectives
- Both are currently being detailed as part of Milestone 1, and **we need your input!**



Goals & Objectives ✕

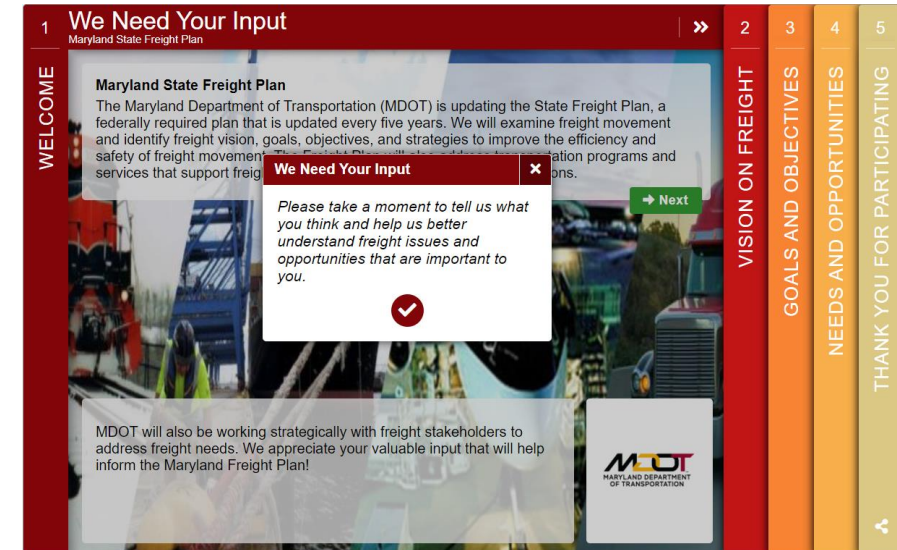
Feedback on Goals & Objectives

In the comment box please include additional input on the proposed goal and/or objective, as well as any thoughts on critical strategies that you believe are needed to ensure success. Rate each objectives based on importance: 1 Star= Don't include 5 Stars= Most Important to include.

Milestone 1 Survey

Please visit our online survey for additional details and to provide your input as follows:

- Provide feedback on the Freight Vision
- Rate the importance of each Freight Objective
- Provide additional input on proposed goals and/or objectives, or suggest strategies to ensure success
- Enter map markers and comments related to freight needs and opportunities in Maryland
- Sign up for the Maryland Freight Plan website to stay up to date on news and updates



TAKE OUR SURVEY

Use the link at the end of this presentation

Survey will remain open until **MAY 14, 2021**

Next Steps



Spring
2021

Milestone 1: Visioning

Establish the plan's vision, goals, and objectives, while also exploring initial freight-related strategies, needs, and opportunities.

Summer
2021

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Thank You!

TAKE OUR SURVEY

<http://metroquestsurvey.com/ow82j>

Survey will remain open
until MAY 14, 2021

Please take our survey at the link above to share your opinions on the draft freight vision, goals, objectives, potential strategies, or initial freight needs and opportunities throughout Maryland.

For more information, please contact us at the following:

Project Website:

<https://www.mdot.maryland.gov/tso/pages/Index.aspx?PageId=166>

Project Email:

MDStateFreightPlan@mdot.maryland.gov

