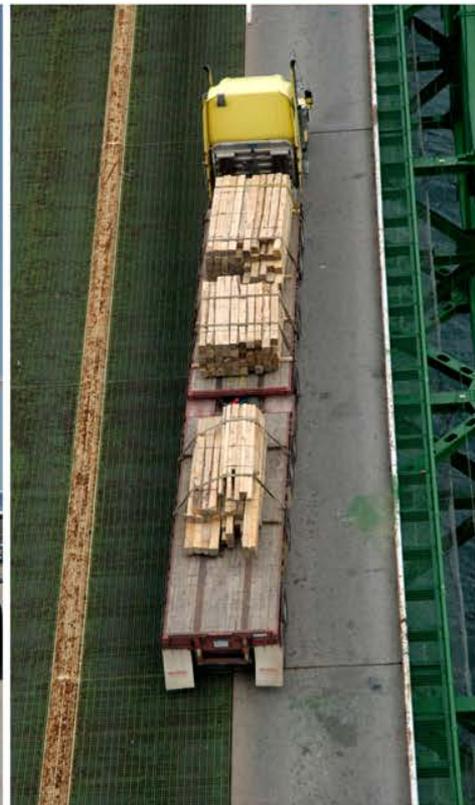


# Michigan Freight Plan Public Involvement Webinar

July 24, 2013  
10:00 – 11:00 a.m. (EDT)



# Webinar Overview

- Freight Transportation Planning in Michigan
- Purpose of Michigan Freight Plan
- Plan Contents
- Public Involvement Process & Schedule
- Question & Answer Session

# What is Freight?

- Freight is defined as any good, product, or raw material carried by a commercial means of transportation – including **Air, Highway, Rail, Water, & Pipeline**
- Activities involved in management of how & where freight moves are defined as logistics
- While most freight movements use only a single mode, intermodal movements are significant & increasing
- Major components are infrastructure & services



# MDOT Freight Activities

- State Highway Department established in 1905
- Other modes transferred in 1973
- Current modal responsibilities:

Highways

Aeronautics

Railroads

Marine Transportation

Buses

Non-motorized

Ridesharing



# Previous Freight Documents

- State Long Range Transportation Plan (2012 & earlier versions)
- Five-Year Transportation Program
- State Rail Plan (2011)
- Michigan Airport System Plan (2008)
- Various project level documents





# Purpose of Michigan Freight Plan

- Created in response to recommendations outlined in most recent federal surface transportation authorization bill, MAP-21, enacted in 2012
- Purpose is to provide a comprehensive overview of state's freight transportation system, including existing assets, system performance, & investments required to ensure long-term success

# Moving Ahead for Progress in the 21st Century (MAP-21)

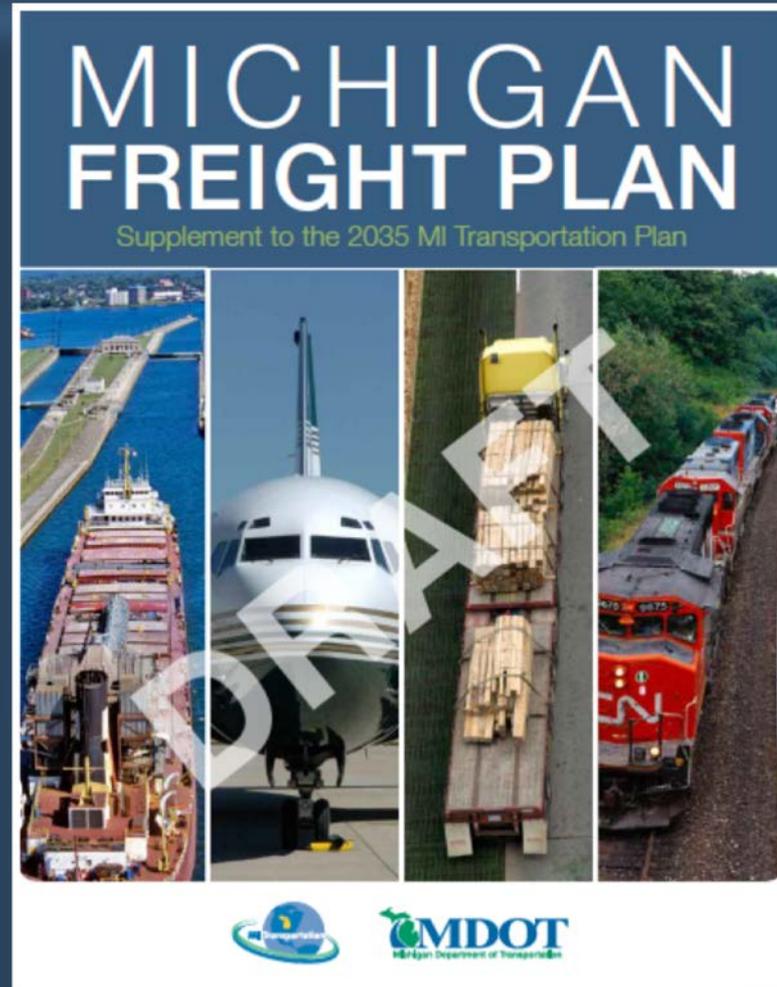
- Encourages state DOT's to develop freight plans
- Projects identified in Plan potentially qualify for higher federal share of funding
- A State DOT Freight Plan should include:
  - Freight system trends, needs, issues
  - Freight policies, strategies, performance measures
  - Description of how plan helps meet national freight goals
  - Consideration of innovative technologies/strategies
  - Identify improvements to reduce roadway deterioration on routes used by heavy trucks
  - Inventory of facilities with freight mobility issues & strategies to address

# Top Federal Priorities for Freight from MAP-21

- Improvements to intermodal connectors
- Improvements to freight & truck bottlenecks
- Projects for a public rail facility or private rail facility providing benefit for highway users
- Projects or groups of projects along a major freight corridor

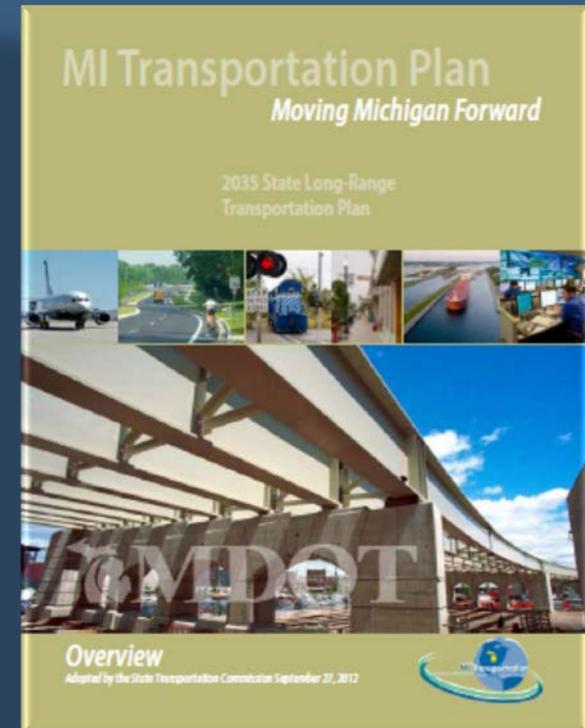


# Michigan's Draft Freight Plan



# 1. Plan Overview

- Created in response to MAP-21 recommendation
  - New emphasis on freight
- Supplement to 2035 Michigan Transportation Plan
- Future iterations will be incorporated into long-range plans



# 2. Strategic Goals

2035 MITP Goals →	Efficient and Effective Operations	System Improvement	Safety and Security	Stewardship	Modal Choice	Freight Adequacy
↓						
Enhance economic efficiency, productivity, and competitiveness	●	●	●	●	●	●
Reduce congestion	●	●	●		●	●
Improve safety, security and resiliency	●	●	●	●	●	●
Improve state of good repair	●	●		●	●	●
Use advanced technology, performance management, innovation, competition and accountability in operation and maintaining network	●	●	●	●	●	●
Reduce adverse environmental and community impacts	●			●	●	●

# 3. Economic Context of Freight Planning

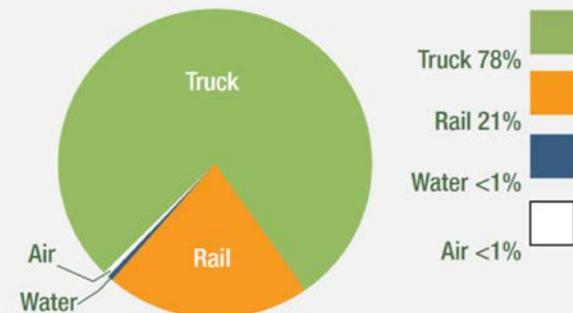
- Freight infrastructure is an essential component of Michigan's economy
- Volume of freight moved in 2009 = 434 million tons
- Value of freight moved in 2009 = \$520 billion

Figure 2 - Michigan Commodity Movement Totals: Modal Split by Tonnage (2009)



Source: Michigan Department of Transportation  
Statewide and Urban Travel Analysis Section

Figure 3 - Michigan Commodity Movement Totals: Modal Split by Value (2009)



Source: Michigan Department of Transportation  
Statewide and Urban Travel Analysis Section

# 4. Freight Policies, Strategies & Institutions

- Corridor-based investment strategy in 2035 MITP defines activity centers throughout state
- Supporting COHS provides support to shippers, businesses, & industries dependent on infrastructure
- FHWA to identify a National Freight Network this fall
- Investment strategy also includes grant & loan programs
  - Transportation Economic Development Fund
  - Freight Economic Development Fund
  - MI Rail Loan Assistance Program (MIRLAP)
  - State Infrastructure Bank (SIB) Loans
  - Office of Aeronautics Loan Program



# 6. Condition & Performance of Freight Transportation System

- Transportation System Condition Report
  - Provides quick snapshot of whether or not department is achieving state long-range plan goals
- Asset Management
  - Monitors transportation system & helps to optimize preservation of transportation assets
- Mi Dashboard/Mi Scorecard
  - Initiated by Governor Snyder to provide quick assessment of State's performance in key areas
    - Economic strength, health and education, value for money government, quality of life, public safety



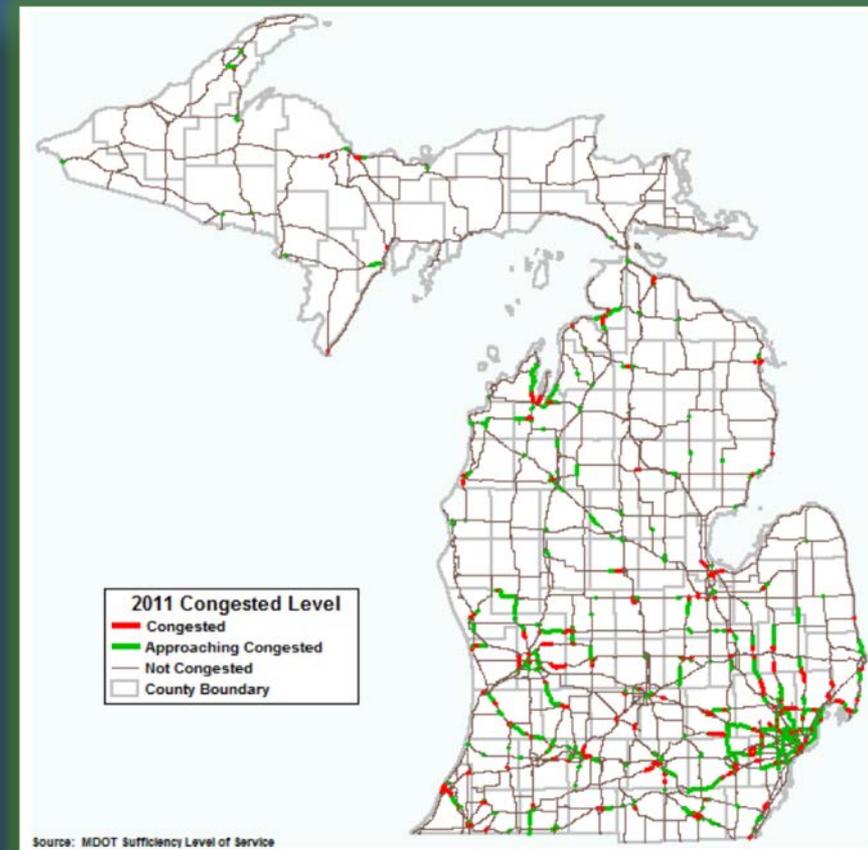
# 7. 20-Year Freight Forecast

- All freight modes expected to experience increased tonnage by 2030
  - Highway freight to increase by 55%
  - Marine freight to increase by 38%
  - Rail freight to increase by 58%
  - Air freight to increase by 2%



# 8. Trends, Needs, Issues

- Trends
  - Highway congestion will continue to increase
  - Private sector will make modal choices
  - Rail intermodal traffic will continue to grow
  - Ports to continue handling bulk cargoes
- Needs
  - Additional funding
- Issues & Strategies
  - Capacity
  - Condition
  - Many more



## 9. State's Decision-Making Process

- Funding sources and responsibilities vary by mode
- Data measures developed for each mode
- Measures will assist MDOT in evaluating all projects



# 10. Project List

- Freight project lists were created using federal priorities for freight in MAP-21
- Projects derived from existing STIP's, TIP's, MDOT Five-Year Transportation Program, & other planning documents
- Projects divided into Lists by Mode (Highway, Rail, Marine, Air)
- Highway projects divided into two Tiers
  - Tier 1 & Tier 2 Highway

# Schedule

- Initial Plan development in July 2012
- Began draft in December 2012
- Draft Plan 30-day public comment period
  - July 9 to August 7, 2013
  - Website for comment form
  - Webinar to address questions
  - Outreach to MPOs & RTFs for projects
- Expect Final Plan approval late summer

# Comments/Questions

Website: [www.michigan.gov/slrp](http://www.michigan.gov/slrp)

Contact: Bob Parsons

E-mail: [parsonsb@michigan.gov](mailto:parsonsb@michigan.gov)

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