



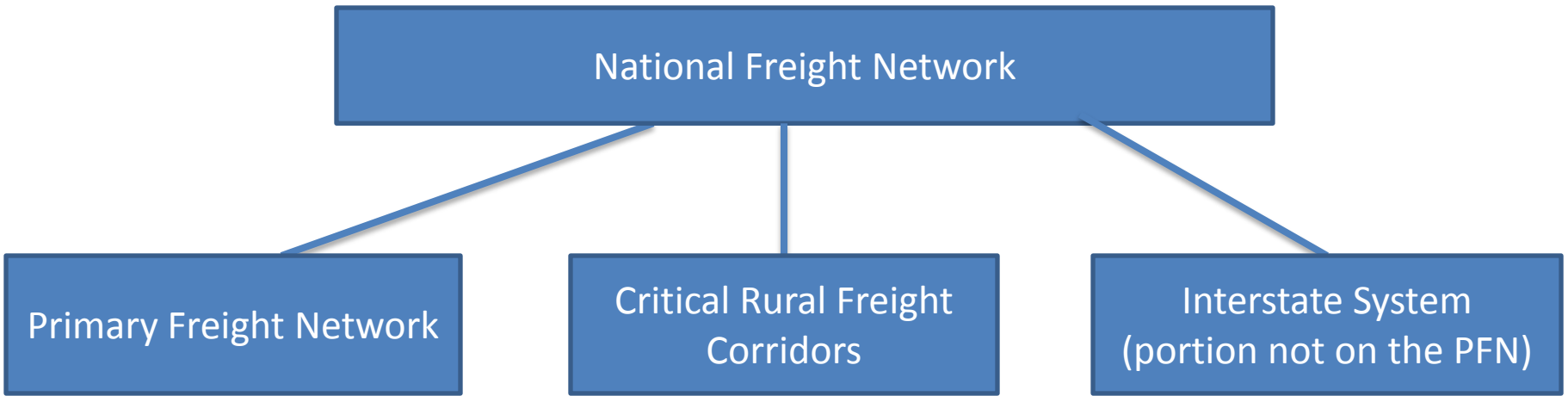
U.S. Department of Transportation



# Freight Presentation Outline

- MAP-21 and the National Freight Network
- Project Identification and Funding
- State Freight Plans
- Truck Size and Weight
- Freight Performance Measures
- Conditions and Performance Report
- Data
- National Freight Advisory Council
- Other Activities
- Freight Trends
- An Example in Southwest Michigan





- Designated by US DOT
- Fed. Reg. notice in Feb. 2013 outlining process and schedule.
- Results and Initial Designation of the PFN – Fall 2013

- Designated by States
- Guidance and technical assistance for analysis of potential CRFCs—Fall 2013
- Request to States to identify CRFCs — Fall 2013

Importance of your input when the draft PFN is released:

- Feedback on the identified PFN routes
- How the PFN and ultimately the designation of the NFN could be used and useful to freight stakeholders in the future
- How the National Freight Network may fit into a larger multimodal National Freight System as part of the National Freight Strategic Plan
- NFN designation by early 2014



# Prioritization of Projects to Improve Freight Movement

- MAP-21 provided the option to obtain a higher federal share (up to 95 percent) of federal aid highway funding for freight projects
- FHWA issued implementation guidance for this provision in October 2012
- Eligibility will be determined by the Secretary, and is based on demonstrated future benefits and inclusion in a State freight plan that meets the criteria set by Congress in MAP-21
- Our FHWA Division Offices are standing by, ready to provide technical assistance in this process to help get these projects out the door!



# State Freight Plans

- State Freight Plan Guidance
  - Interim guidance published in October 2012
  - Final guidance slated to be issued in the coming months
- State freight plans are important aspects of eligibility for higher federal matching funds
- State freight plans will help US DOT gain insight into the projects, current and emerging issues, and policy principles important to states as we work to develop the National Freight Strategic Plan
- Michigan State Freight Plan development is ongoing.



# Comprehensive Truck Size and Weight Limits Study

- Addressing the differences between trucks within the current standards and those legally operating in excess of federal limits in:
  - safety
  - infrastructure impacts
  - effect on levels of enforcement
- Comparing and contrasting the potential safety and infrastructure impacts of alternative configurations to the current Federal TSW law and regulations
- Estimating the effects of freight diversion due to these alternative configurations
- Technical Studies will be objective and data driven products
- FHWA will institute an independent peer review of our technical studies
- Includes inventory of existing State laws/regulations
- FHWA will host a series of stakeholder listening and information sessions. First one was held in May, more to follow.
- Report to Congress due November 2014.



# Freight Performance Measures

- A key feature of MAP-21 is the establishment of a performance- and outcome-based program.
  - The objective of this program is for the nation to invest resources in projects that will make progress toward the achievement of the national goals.
- US DOT is working to ensure connections are made between the various sections of MAP-21 that call for performance measurement.
- FHWA is currently developing the performance measures Notice of Proposed Rulemaking (NPRM) for public comment. The NPRM is expected to be published in late 2013 or early 2014.



# Freight Transportation Conditions and Performance Report

- MAP-21 requires US DOT to develop a Freight Transportation Conditions and Performance Report by October 1, 2014, and again every 2 years
- US DOT will produce a multi-modal report that provides a comprehensive look at the United States freight system
- We will consider multimodal measures for:
  - Economic Efficiency, Productivity, and Competitiveness
  - Reducing Congestion
  - Safety, Security, and Resilience
  - State of Good Repair
  - Use of Innovative Technology, Competition, Performance Management, and Accountability,
  - Reducing Adverse Environmental and Community Impacts
- The data and findings in this Report will be used as a key input for another MAP-21 requirement, the National Freight Strategic Plan
- There are 6 working groups that are defining measures.





# Freight Data

- FHWA contract with Nokia to release collected probe data.
- Segments will be in ½ mile to 10 mile segments depending on volume, speed, etc.
- Data collected for entire NHS and at arterials on both sides the border at 20 select border crossings (passenger, truck, and all)
- Available to States and MPOs at no cost and can be downloaded monthly.



# Freight Data cont.

- The Freight Analysis Framework (FAF) is a robust database that is developed through FHWA.
- Good data but at a regional or statewide level.
- A number of groups (mostly academic) are looking at disaggregating FAF data down to a county level.
- We are watching this closely and will advise if this approach becomes an option.



# National Freight Advisory Committee (NFAC)

- The NFAC will provide recommendations and advice to the Secretary on matters related to freight transportation in the United States
- Members of the NFAC have been selected. An initial meeting was held on June 25, 2013 at USDOT.
- There are 47 voting members outside of USDOT. Selected USDOT staff will participate as ex-officio members.
- Chaired by Ann Schneider, Illinois DOT
- Subcommittees are currently being formed.



# Other Freight Activities

## Summer 2013

- National Freight Policy and Related Activities
  - Freight Partnership V Meeting – end of July
  - Projects of National and Regional Significance Survey – late Summer
- MAP-21 Truck Related Studies
  - Revised Guidance on Emergency Permits – late Summer
  - Jason's Law Truck Parking Survey – In progress



# Freight Trends

- Top 3 Countries that the US trades with (import and export) by value in 2012\*:
  - 3. Mexico (\$494 B)
  - 2. China (\$536 B)
  - 1. Canada (\$617 B)
- How much is \$617 B of Canada trade really worth?
  - \$51 B a month
  - \$1.7 B a day
  - \$70 M an hour
  - \$1.2 M per minute

\*US Census Bureau International Trade Value December 2012



# Freight Trends cont.

- Top 3 Countries that the US exports to by value\*:
  - 3. China (\$111 B)
  - 2. Mexico (\$216 B)
  - 1. Canada (\$292 B)
- The US exports by value to Canada are more than the amount of exports to the following countries combined:
  - China (3), Japan (4), U.K. (5), and Germany (6)
- How many US States count Canada as their leading export partner:
  - 38

\*US Census Bureau International Trade Value December 2012



# New Approaches – An Example in Southwest Michigan

- Daltile/Whirlpool Example\*
  - Cube of Daltile product 20-25% physical fill but 100% of weight allotment (185k#)
  - Cube of Whirlpool product 100% physical fill but only 15-20% of weight allotment (35k#)
  - Consolidated solution offers 75-80% capacity at 50% of the cost.
  - An example of win-win collaboration.

\*Special Thanks to Michelle VandeerMeer, Senior Director, North American Logistics, Whirlpool Corp.



# Thank You

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