

FHWA Office of Freight Management and Operations

MAP-21 Freight Activities -- 2014 Highlights

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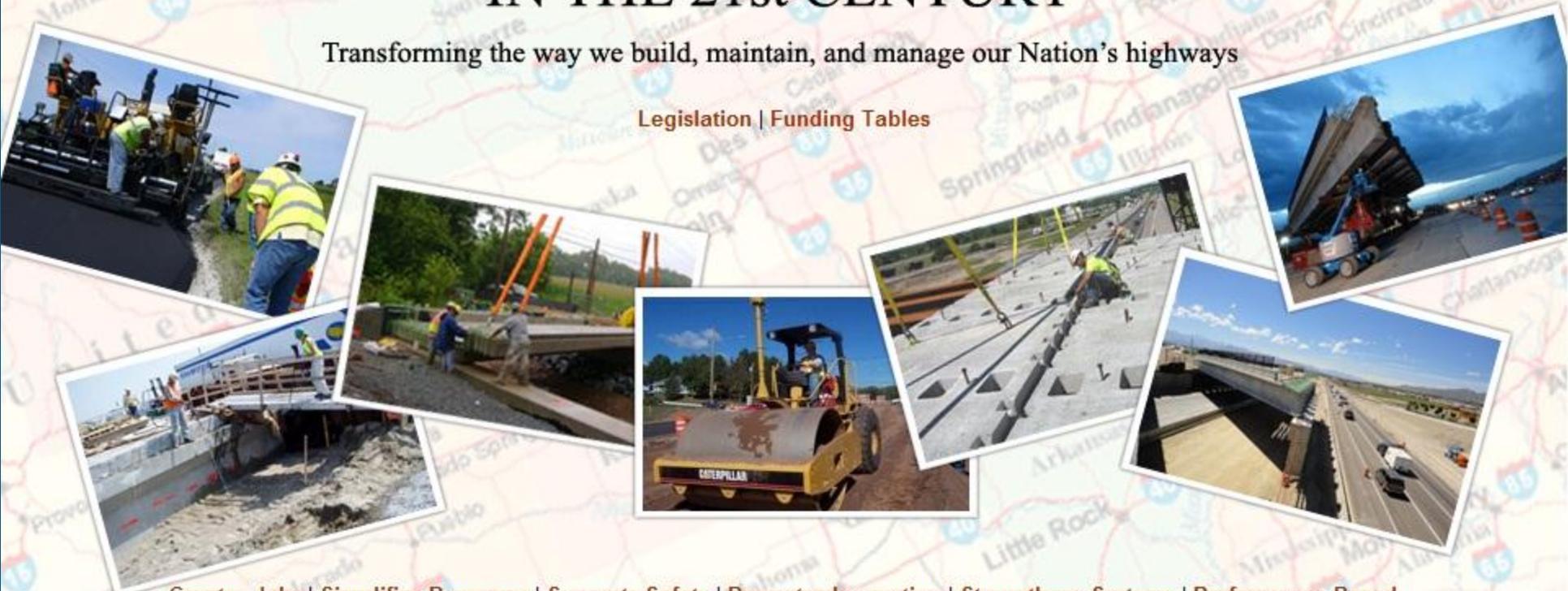


MAP-21

MOVING AHEAD FOR PROGRESS IN THE 21st CENTURY

Transforming the way we build, maintain, and manage our Nation's highways

Legislation | Funding Tables



Creates Jobs | Simplifies Programs | Supports Safety | Promotes Innovation | Strengthens Systems | Performance-Based

Selected Freight Highlights

Highlighted Activities for 2014

- Primary Freight Network (PFN) and Critical Rural Freight Corridors (Section 1115)
- Increased Federal Share for Freight Projects (Section 1116)
- State Freight Plans (Section 1118)
- Freight Performance Measures (Section 1203)
- Jason's Law/Truck Parking Assessment (Section 1401)
- Comprehensive Truck Size and Weight Limits Study (Section 32801)
- Compilation of Truck Size and Weight Laws (Section 32802)

- Note: FHWA will also be carrying out a survey to comply with Section 1120, Projects of Regional and National Significance (PNRS), although this is not a program exclusive to freight.

Highway Primary Freight Network (PFN) Draft Designation Process

- Used measurable and objective national data;
- Considered the following criteria and data sources:
 - **Origins/destinations of freight movements** - (FAF) 3.4
 - **Freight tonnage and value by highways** - (FAF) 3.4
 - **Average Annual Daily Truck Traffic (AADTT) on principal arterials** - (HPMS) 2011
 - **Percentage AADTT on principal arterials** - (HPMS) 2011
 - **Land & maritime ports of entry** - U.S. Department of Transportation Maritime Administration (MARAD) Containers by U.S Customs Ports; DOT Bureau of Transportation Statistics (BTS) Transborder data; U.S. Army Corps, Navigation Data Center
 - **Airports** - Federal Aviation Administration (FAA) CT 2011 Cargo Airports by Landed Weight; FAA Aeronautical Information Services – Airport Database in the National Transportation Atlas Database (NTAD) 2013
 - **Access to energy exploration, development, installation or production areas** - United States Energy Information Administration Data; Pennwell Mapearch data via Pipeline and Hazardous Materials Safety Administration (PHMSA)
 - **Population centers** - 2010 Census
 - **Network connectivity** - (FAF) 3.4
 - **Intermodal Connectors** - FHWA National Highway System Intermodal Connectors
 - **Railroads** - Federal Railroad Administration analysis of Rail Inc Centralized Station Master data

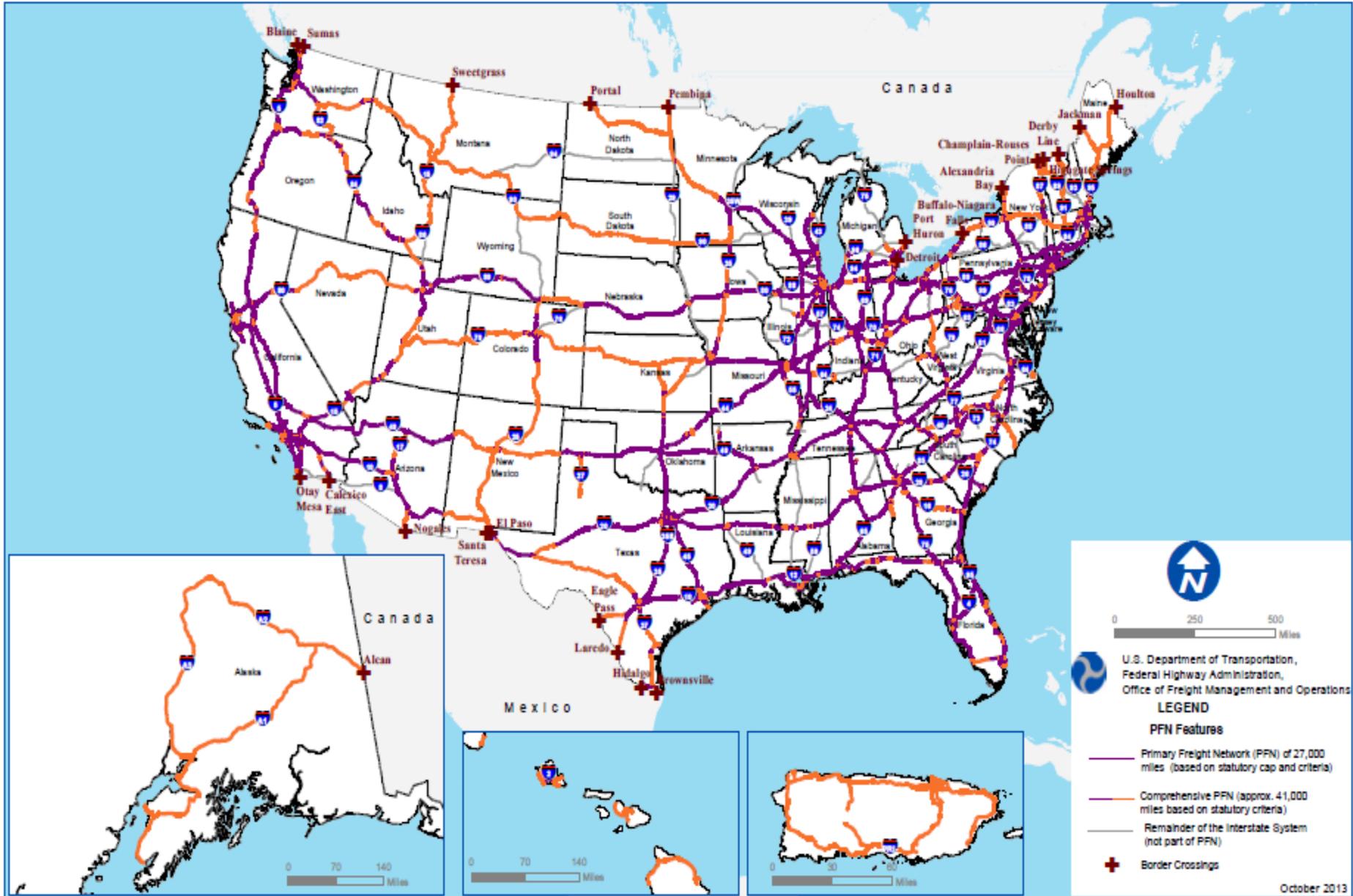
Highway PFN Methodology

1. Top 20,000 miles of road segments that qualified in two of the following factors: value, tonnage, AADTT, and percentage of AADTT.
2. Network connectivity by length of gaps and segments.
3. Land ports of entry with truck traffic higher than 75,000 trucks per year.
4. Intermodal Connectors and top 50 airports by landed weight within urban areas with a population of 200,000 or more.
5. Road segments within urban areas with a population of 200,000 or more that have an AADTT of 8,500 trucks/day or more.
6. Relationship to population centers, origins and destinations, maritime ports, airports, and rail yards to yield minor network connections.
7. Roads connecting key ports, airports and intermodal connectors to population centers in AK, HI and PR.
8. Relationship to energy exploration, development, installation, or production areas.

Highway PFN Draft Designation Results

- Initial results: comprehensive map of 41,518 centerline miles, including 37,436 centerline miles of Interstate and 4,082 centerline miles of non-Interstate roads.
- Statutory limit: 27,000 centerline miles, achieved by identifying those segments above with the highest AADTT.
- Draft highway PFN: 26,966 miles of centerline roads that reflect consideration of the MAP-21 criteria.

Draft Highway Primary Freight Network



Increased Federal Share – Overview

- Section 1116 of MAP-21- Prioritization of Projects to Improve Freight Movement:
 - The Secretary may approve an increased Federal share for projects eligible under Section 1116.
 - Federal share is established at the time of project authorization: 95 percent for projects on the Interstate System and 90 percent for any other project that meets the requirements outlined in that Section.
 - The project must demonstrate an improvement to the efficient movement of freight, including making progress toward meeting performance targets for freight to be established under section 23 U.S.C 150(d) (MAP-21 §1203); and,
 - The project is identified in a State Freight Plan. The Plan must include the elements described under MAP-21 Section 1118(b), State Freight Plans.

Increased Federal Share – Review Process

1. State submits project and supporting Plan(s) to FHWA Division Office;
2. Division Office reviews project submission and State Freight Plan or other plans to determine compliance with Section 1116 and 1118:
 1. Verifies project in State Freight Plan or state plans;
 2. Verifies that the project is an eligible type of freight project;
 3. Verifies project demonstrates improvement to efficient movement of freight;
3. FHWA-Office of Freight Management and Operations prepares Headquarters-level review;
4. Freight Policy Council apprised of project;
5. Office of the Secretary considers for approval & certification.

State Freight Plans – Overview

- In General. – The Secretary shall encourage each State to develop a freight plan that provides a comprehensive plan for the immediate and long-range planning activities and investments of the State with respect to freight.
- Relationship to Long-Range Plan. – A freight plan described in subsection (a) of Section 1118 may be developed separate from or incorporated into the statewide strategic long-range transportation plan required by section 135 of title 23, United States Code.

State Freight Plans – Current Status

- Based on a review of select existing plans against MAP-21 requirements, we believe the following states have plans that meet or would likely meet MAP-21 requirements:
 - Florida, Georgia, Indiana (confirmed), Massachusetts, Maryland, Michigan (confirmed), Minnesota, New Jersey, and Vermont (confirmed)
- In addition to the states above, the following states are reported to be developing initial plans or updating existing plans:
 - California, Missouri, South Carolina, Rhode Island, Texas, Virginia and Washington.
- The Department intends to draw upon State Freight Plans in formulating the National Freight Strategic Plan.

State Freight Plans – Indiana Example

- Indiana's plan, developed in 2009, is a comprehensive multimodal plan developed to direct the State's future freight policy.
- The Plan supports INDOT's Long Range Transportation Plan by addressing how freight mobility impacts the entire transportation system in Indiana.
- Indiana's coordination and outreach for the Plan was based on:
 - Stakeholder interviews;
 - Agency Outreach; and,
 - The establishment of a Freight Advisory Committee.
- Initial outreach efforts began early in the plan development process.

Freight Performance Measures Program – Overview

- MAP-21 requires the development of tools to aid in performance measurement.
- FHWA is offering access to a new national travel time data set, the “National Performance Measure Research Data Set” or “probe data.”
 - Usage is free for States and MPOs.
- HOFM is producing a primer of best practices for States and MPOs on numerous freight performance measures. This will be complete in 2015.
- For more information:
http://www.ops.fhwa.dot.gov/freight/freight_analysis/perform_meas/index.htm

Freight Performance Measures Program – Rulemaking

- HOFM is developing the requirements for freight performance measures as specified in MAP-21.
- These measures are required of States and MPOs for measurement on interstates only.
 - Although not multimodal, USDOT is developing a Conditions and Performance report for freight that is multimodal in scope.
- The proposed measures will be released for public comment in the Summer of 2014.
- Measure requirements will be implemented in 2015.

Truck Parking (Jason's Law) Activities

- USDOT established a Stakeholder Technical Oversight Group including members of ATA, OOIDA, AASHTO, CVSA and NATSO to assist in designing the approach for conducting a survey and to support development of metrics that measure the adequacy of truck parking facilities in each State;
- The survey will be launched in January 2014;
- Work is underway to build summaries of truck travel by state and develop map-based tools from the summaries;
- A Metrics Workshop was held on January 16 to gather input from representatives of key stakeholder organizations.

Comprehensive Truck Size and Weight Limits Study Overview

- USDOT established a multi-modal agency Oversight Group (including representatives from FHWA, FMCSA, NHTSA, FRA and MARAD) to help guide the Study activities;
- USDOT is using a Technical Oversight Committee with modal representatives to oversee the technical analysis;
- A Consultant Team, including national experts in a variety of areas, is assisting USDOT in completing the technical work for the Study.

Comprehensive Truck Size and Weight Limits Study Outreach

- Stakeholder Input Sessions are being held throughout the Study period:
 - An initial Stakeholder Input Session was conducted on May 29, 2013 on the scope and proposed technical work;
 - A second Stakeholder Input Session was conducted on December 19, 2013 to review results from the Desk Scan and draft Project Plan documents. Comments were due on January 17, 2014.
- In addition, the National Academy of Sciences has seated an independent Peer Review Panel to review the Desk Scans and review the Compiled Technical Report when it is completed in Spring 2014.

Compilation of Existing Truck Size and Weight Laws

- FHWA issued a Request for Information to identify qualified firms and organizations to complete the Compilation;
- FHWA intends to engage contractor's services and work in partnership with AASHTO;
- Consultation with state officials, including truck enforcement program personnel and legal support staff, is critical to successful completion of the Compilation.

FHWA Office of Freight Management and Operations

For more information:

- Phone: 202-366-0408
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- Website: <http://www.ops.fhwa.dot.gov/freight/>

