2017 Freight System Plan
Washington State Transportation Commission

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Rail, Freight, and Ports Division

May 16, 2017
Purpose of Freight System Plan

Meet new requirements under FAST Act:

- Identification of multimodal freight corridors and facilities
- Description of how the plan meets the national multimodal freight policy goals and the national highway freight program goals
- Strategies to mitigate significant congestion or delay caused by freight movement
- Development of a Freight Investment Plan, including a list of freight priority projects

Meet RCW requirements and other emerging needs:

- Integrate Marine Ports and Navigation Plan
- Refresh freight data from 2014 state freight plan
- Update emerging trends, needs, and issues
- Provide status update of 2014 plan actions
- Update strategies and recommendations
Planning and Policy

Federal Freight Program
• Freight plan requirements
• National Multimodal Freight Policy
• National Highway Freight Program

Other Plans and Studies
• Marine Cargo Forecast
• JTC Road/Rail Study
• Washington Transportation Plan
• Highway System Plan
• Washington Aviation Plan
• Target Zero/Strategic Highway Safety Plan

Other Requirements and Policies
• RCW requirements for state freight plan and marine ports and navigation plan
• Results Washington
• Results WSDOT
• Transportation system policy goals in RCW
Roles and Responsibilities

Freight industry and associations
• Trucking
• Railroads
• Marine
• Air Cargo
• Pipelines
• Ports
• Labor Unions

Federal agencies
• USDOT
  – Apportions $108 million NHFP fund to WA
  – Funds $4.5 billion FASTLANE grant program
• FHWA
• FRA

Washington state
• State legislature
• WSDOT
• FMSIB
• TIB
• WSP
• UTC
• CRAB

Regional and local governments
• MPOs and RTPOs
• Tribal governments
• Cities and Counties
Trends and Issues

Economic Vitality
• Efficient flow of freight through gateways: border crossings, airports, seaports (new)
• Competition facing ports (new)
• Preservation of industrial sites (new)

Preservation
• Aging infrastructure (new)
• Waterway channel maintenance (new)

Stewardship
• System resilience (e.g., landslides) (new)
• Modal conflicts: bike lanes (new)
• Regulatory challenges (e.g., land use conflicts, connected vehicles) (new)

Safety
• Truck parking shortages (new)
• Highway-rail grade crossing improvements (new)

Mobility
• Intermodal connections: inland ports (new)
• New logistics and distribution models (new)
• Urban goods movement (new)

Environmental Sustainability
• Hazardous material risks: crude by rail (new)
Economic Context

Washington is the most trade-dependent state in the nation

- Foreign imports and exports valued at $137.5 billion in 2015
- On a per capita basis

Freight supports jobs

- 1.36 million jobs in freight-dependent industries, accounting for 44% of state’s total jobs
- $550 billion in gross business income from freight-dependent industries

The freight transportation system has three components

- Global Gateways: access to national and international markets
- Made in Washington: freight manufactured or produced in Washington, statewide
- Delivering Goods: local delivery
Freight System Description

An integrated, multimodal system of freight transportation assets:

- National Multimodal Freight Network (new)
- National Highway Freight Network (new)
- Truck Freight Economic Corridors
- Rail Freight Economic Corridors
- Marine Freight Economic Corridors
- Air cargo system (expanded)
- Pipeline system (expanded)
Washington state’s freight network moved 436.6 million tons of freight in 2015, with a total of 194.9 billion ton-miles traveled. Freight demand by weight is projected to grow 29% in next 20 years, while the total ton-miles traveled is projected to increase 60%.

(Source: FAF 4)
Marine Ports and Navigation Plan

Foundation setting

- Accounting of issues, trends, challenges, and needs
- Develop as a stand alone document
- Findings integrated into Freight System Plan and Statewide Multimodal Transportation Plan

RCW 47.06.070
Marine ports and navigation plan

The state-interest component of the statewide multimodal transportation plan shall include a state marine ports and navigation plan, which shall assess the transportation needs of Washington's marine ports, including navigation, and identify transportation system improvements needed to support the international trade and economic development role of Washington's marine ports.
Ports and Navigation Plan cont.

Key Trends and Issues

• Last mile connections
  - Highway and rail access
  - At grade crossings
• MARAD/Corps of Engineers
  - Inland Waterways and Harbor Tax
  - Dredging, sediment disposal, channel, locks, jetties, groins
• Competition and business opportunities
• Environmental
  - Endangered species

Other Topics

• Port agencies and associations
• Port funding
• Investments/Strategies
Freight Investment Plan

Critical Urban and Rural Freight Corridors
  ✓ Corridors certified with FHWA September 2016

Freight Project List
  ✓ 2016 Freight Project List sent to state legislature November 2016
    – National Highway Freight Program
    – FASTLANE Program

Consult with Washington Freight Advisory Committee
  ✓ Ongoing
Freight Investment Plan Status

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<td>Introduction</td>
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<tr>
<td>Economic context</td>
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<tr>
<td>System description</td>
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<td>Condition and performance</td>
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<td>Volumes and forecast</td>
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<td>Strategies</td>
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<td>Requirements</td>
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<td>Roles and responsibilities</td>
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* = Approximates
Outreach and Schedule

**February – March 2017**: Initial scoping to solicit input and information, focusing on our scope and approach for the 2017 Plan update, and present the issues and trends identified in 2014.

**April – June 2017**: In-progress update to present our preliminary analysis of issues and trends for 2017, and present the recommendations and strategies identified in 2014.

**July – August 2017**: Review of findings, and sharing the final draft of the plan and soliciting feedback on recommendations and strategies.

### 2017 Freight Mobility Plan Schedule

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<thead>
<tr>
<th>2017 Freight Mobility Plan Schedule</th>
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<td>Document Development</td>
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<td>Draft Plan Preparation</td>
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Questions?

WSDOT Rail, Freight, and Ports Division

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Documents will be available at the WSDOT freight site:
http://www.wsdot.wa.gov/freight/