

# **Freight System Plan**

## **Seattle Freight Advisory Board**

Seattle, WA

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# Purpose of Freight System Plan

## Economy:

- Washington is second most trade-dependent state in the nation
  - \$126.8 billion in total imports and exports value
  - 1.41 million jobs in freight-dependent industries (including wholesale, retail, manufacturing, construction, transportation, and agriculture/timber and wood products)
  - \$550.5 billion in gross business income for freight-dependent sectors

## Freight Components in Washington:

- Global Gateway - access to international markets
- Made in Washington - manufactured or produced in Washington
- Delivering Goods to You - representing local freight delivery

# Purpose of Freight System Plan

## Objectives:

- To provide information on the importance of freight to the economy of the state
- To develop a working definition of the freight transportation system
- To provide an analysis of conditions and volumes, and a forecast for freight
- To identify the major freight trends, issues, and needs
- To provide a blueprint of strategies to address the identified trends, issues, and needs.

## Key Components:

- A Freight Investment Plan that describes key funding sources, networks eligible for funding, and projects identified on those networks
- A Marine Ports and Navigation Plan that describes the marine system and assesses the transportation needs of marine ports, including navigation

# Purpose of Freight System Plan

## Key Federal Requirements:

- 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

# Trends and Issues

## Economic Vitality

- Efficient flow of freight through gateways: border crossings, airports, seaports
- Competition facing ports
- Preservation of industrial sites

## Preservation

- Aging infrastructure
- Waterway channel maintenance

## Safety

- Truck related crashes
- Truck parking shortages
- Highway-rail grade crossing improvements



# Trends and Issues

## Mobility

- Intermodal connections: inland ports
- New logistics and distribution models
- Urban goods movement

## Environment

- Climate impact vulnerability
- Emissions
- Hazardous material risks: crude by rail

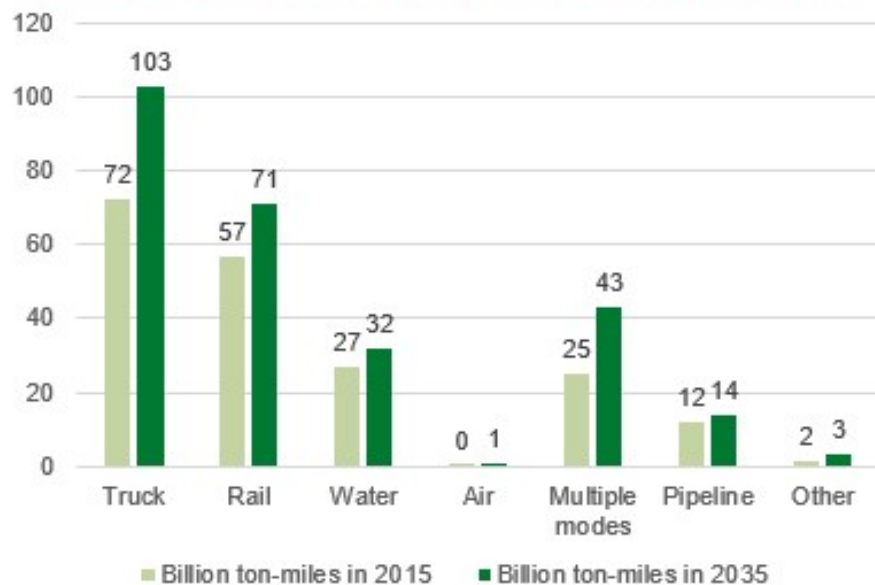
## Stewardship

- System resilience (e.g., landslides)
- Congestion caused by freight
- Data and communication



# New Volumes and Forecasts

## Freight demand forecast by ton-miles



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.*



# Outreach and Schedule - 2017

## February – March

- Initial scoping
- 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

- In-progress update
- Present our preliminary analysis of issues and trends for 2017, and present the recommendations and strategies identified in 2014.

## June – September

- Review of findings
- Share the final draft of the plan
- Solicit feedback on recommendations and strategies.

## December

- Final plan submitted

2017 Freight Mobility Plan Schedule	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Document Development</b>													
Draft Plan Preparation													
Draft Plan Review													
Final Plan Preparation													
FHWA Review													
Plan Complete													
<b>Outreach</b>													
Phase I - Scope													
Phase 2 - Update													
Phase 3 - Review													
Ad Hoc Meetings													

## Contact Information

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