Four Things

- FMSIB Purpose and Projects
- Washington State Freight Advisory Committee (WAFAC)
- Studies: Complete and Underway
- Call for Projects
Mission Statement

“Improve and mitigate freight movement on strategic state corridors, grow jobs and the economy, and bolster Washington as a leader in international trade.”

– Advocate for strategic freight transportation projects that bring economic development and a return to the state;
– Focus on timely construction and operation of projects that support jobs;
– Leverage funding from public and private stakeholders;
– Create funding partnerships across modal and jurisdictional lines.
# FMSIB Members

<table>
<thead>
<tr>
<th>Dan Gatchet</th>
<th>Art Swannack</th>
<th>Bob Watters</th>
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<tr>
<td>Dabob Bay</td>
<td>Commissioner</td>
<td>Director of Business Development</td>
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<td>Chair</td>
<td>Whitman County</td>
<td>SSA Marine</td>
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<td>Citizen Member</td>
<td>Counties</td>
<td>Marine Industry</td>
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<tr>
<td>Leonard Barnes</td>
<td>Matt Ewers</td>
<td>Tom Trulove</td>
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<tr>
<td>Deputy Executive Director</td>
<td>Vice President, IEDS</td>
<td>City of Cheney</td>
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<td>Port of Grays Harbor</td>
<td>Trucking</td>
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<td>John Creighton</td>
<td>Johann Hellman</td>
<td>Pat Hulcey</td>
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<tr>
<td>Seattle</td>
<td>Dir., Government Affairs BNSF Railway</td>
<td>Deputy Mayor</td>
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<td>Ports</td>
<td>Railroad</td>
<td>City of Fife</td>
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<td>Erik Hansen</td>
<td>Vacant</td>
<td>Roger Millar</td>
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<td>Senior Budget Analyst</td>
<td>Counties</td>
<td>Secretary</td>
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<td>Governor’s Office</td>
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<td>WSDOT</td>
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<td>Olympia</td>
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<td>Aaron Hunt*</td>
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<td>Director of Public Affairs</td>
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<tr>
<td>Union Pacific</td>
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<td>*ex-officio</td>
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$29M per biennium:
• $12M per biennium dedicated to freight
  $6M Freight Mobility Investment Investment Account
  $6M Freight Mobility Multimodal Account

Uncodified:
• $17M per biennium from Connecting Washington
  $8.5M Freight Mobility Investment Investment Account
  $8.5M Freight Mobility Multimodal Account
Completed FMSIB Projects

54 Projects Completed
Project Total: $1.24B
FMSIB Share: $201M

FREIGHT CORRIDORS
- R-1 corridors: carrying more than 5 million gross tons per year
- T-1 corridors: carrying more than 10 million tons per year
- T-2 corridors: carrying 4 to 10 million tons per year


PROJECTS COMPLETED 1998-2016
South Lander Street Grade Separation

**Location:** City of Seattle, King County

**Project Description:** Will cross over BNSF mainline tracks between 1st Ave S and 4th Ave S., removing over 120 trains per day conflicts. In the heart of the Duwamish Manufacturing/Industrial Center (MIC), including the Port of Seattle, Seattle International Gateway (BNSF) Yards, Argo (UP) Yards and associated businesses.

**Total Project Cost:** $140M

- FMSIB Share: $8M
- **Received $45M in FASTLANE grant funding**
- One of the remaining “FAST” corridor projects

**Daily Use:**

- 100+ Trains
- 13,000+ Vehicles
- 1,400 Pedestrians
- 100 Bicycles
- 75,000 Jobs supported ($300,000 by 2040)

**Daily Closures:** 100+

- Average traffic delay per closure: 2 minutes, 40 seconds
- Average closure time per day: 4 hours, 50 minutes
- Crossing violations per day: 485
- Collisions over the past five years: 85
- Fatalities over the past five years: 3

**Under Construction!!**
Connecting 28th/24th Ave S.

Location: City of SeaTac, King County

Project Description: Constructs a five lane arterial section between S 200th St and S 208th St. The project is part of the future SR 509 Corridor.

- Construction is complete.
  - Received $2.0M in State Transportation package for funding bridge over corridor and avoided $3.5M in reconstruction costs.

- Total Project Cost: $24.3M
- FMSIB Share: $2.5M
Kalama River Industrial Park Bridge
(Opened 2015)
$3.8 Million Bridge Investment
-$844,000 Fed Grant
-$2.15M FMSIB
-$500,000 County ED Fund
-$300,000 Port Funds

Port: $10M in five buildings
Bennu Glass: $110M, jobs, + planned expansion
BNSF-Mainline improvements, up to 200 jobs for 2-3 years

TEMCO Grain Elevator Expansion:
Modernize or Demolish Facility?

2005 Improvements
FMSIB $1.25M
Port $1.25M
Unit train capable rail yard, upgraded unload capacity

2010
$6M by TEMCO for additional unit train capacity

2014:
$7M by Port for additional rail capacity
$200M (est) by TEMCO for modernization of elevator
I-5, Port of Tacoma Rd Intersection

Location: City of Fife, Pierce County
Project Description: Improve truck access to the Port of Tacoma.

- Project is in four phases
  - Phase 0: Environmental mitigation will be complete by end of 2013-15 biennium
  - Phase I/II: City is exploring combining Phase I and II per FMSIB/Transportation Improvement Board discussion—would require FMSIB to move $2.3M of Phase II funds to 17-19 biennium
  - Phase III: $22.3M in Connecting WA Transportation Budget (2017-23)
- Total Project Cost: $53.5M
- FMSIB Share: $16.2M
Location: City of Tacoma, Pierce County

Project Description: The current bridge is weight restricted. The project will remove 950 ft. of this 2,500 ft. bridge and replace it with a cable-stayed bridge.

- Design-Build Project underway
- Total Project Cost: $38.7M
- FMSIB Share: $5M
I-5, 54th Ave I/C (Fife)
Sullivan Rd. Bridge Replacement (Spokane Valley)

Location: City of Spokane Valley, Spokane County
Project Description: The project replaces the existing 2-lane Sullivan Road West Bridge over the Spokane River with a new 4-lane bridge.

• Project is complete
• Construction estimate was $12.3M
• FMSIB Share: $2M
Location: Spokane County
Project Description: Reconstructs and adds capacity to Bigelow Gulch/Forker Corridor from Bigelow Gulch Road to Progress Road.

- Project divided into seven projects. FMSIB is partner on three (one is complete).
- FMSIB funding:
  - Project 4A: CN is underway ($2M FMSIB)
  - Project 5: CN is scheduled for 2018 ($4M FMSIB)
- Total Project Cost: $36.25M for FMSIB related projects, $64.9M for corridor.
- FMSIB Share: $7.69M
Port of Vancouver
Rail Access

Location: Port of Vancouver, Vancouver Washington
Project Description: Rail trench along Columbia River and tie-in to mainline.
- $38.34 M phase – Completed January 2015
- FMSIB Share of Rail-Tie in: $6.3M
- $275M in on-site investments and project business increases
Washington State Freight Advisory Committee

- MAP-21: Optional and Advisory
- Subcommittee of FMSIB created in 2013
- Advises the State on freight policy
- Three “incarnations”
- Future?
Studies: Marine Cargo Forecast

- FMSIB/WPPA partnership
- Continues the five-year study frequency that dates back to 1980’s
- Forecasts cargo volumes by mode (truck, rail, waterways) on strategic freight corridors
- Input to Legislature, port districts, FMSIB, WSDOT, and local plans for infrastructure investment decisions

http://www.fmsib.wa.gov/marineforecast.cfm/
## Road – Rail Conflicts Study

<table>
<thead>
<tr>
<th>Phase 1</th>
<th>Phase 2</th>
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<tr>
<td>Completed June 2016</td>
<td>Underway</td>
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<tr>
<td>Conducted by the Joint</td>
<td>Assigned to FMSIB. Due Sept. 2018</td>
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<td>Transportation Committee (JTC)</td>
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<td>Cost = $250,000</td>
<td>Cost = $60,000</td>
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<td>Outcome: Prioritized list of</td>
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<td>&quot;problem&quot; crossings</td>
<td>projects</td>
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STEP 2 EVALUATION CRITERIA
MOBILITY 50%, SAFETY 25%, COMMUNITY 25%

MOBILITY
- Freight Demand
- People Demand
- Mobility Barrier

SAFETY
- Increase Risks
- Safety Record
- Infrastructure Status

COMMUNITY
- Economic
- Human Health

1. Number of Alternate Grade-Separated Crossings
2. Number of Mainline Tracks
3. Proximity to Emergency Services
4. Incident History: Total
5. Incident History: Severity
6. Level of Protection
7. Roadway Freight Classification
8. Existing Vehicle Volumes
9. Future Vehicle Volumes
10. Network Sensitivity
11. Crossing Density
12. Gate Down Time
13. Employment Density
14. First/Last Mile Freight Facilities
15. Population Density
16. Daily Emissions
17. Noise: Quiet Zones
18. Percent Minority
19. Percent Low-Income

Scoring and weighting are described in detail on pages 19 to 24 in the report.
Road/Rail Conflicts – Phase 1
http://leg.wa.gov/JTC/Pages/Road-Rail-Study.aspx
Call for Projects

• 2015 Legislature increased FMSIB funding from $12 m to $29 m a biennium.

• 2018 Call for Projects Schedule:
  – Call for Projects Initiated January 15, 2018
  – Submittals Due March 30, 2018
  – Preliminary Selection May 1, 2018
  – Project Interviews May 14-15, 2018
  – Final List Adoption June 1, 2018

FMSIB Project Selection

- Call for Projects
- Technical Committee Scoring (Cities, Counties, Ports, Trucking, Rail, WSDOT)
- Board Committee Scoring (Five Members)
- Two Committees Compare Scores and Create a First Cut List and Interview Questions
- Interviews w/Sponsors
- Committee Final Cut Recommendation
- Board Review and Approval
Questions?

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Freight Mobility Strategic Investment Board
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