



## Freight Master Plan Advisory Committee Agenda

November 20, 2014  
3:30 p.m. – 5:30 p.m.

Location: Seattle Municipal Tower, 700 Fifth Avenue, Seattle  
41<sup>st</sup> Floor, Conference Room 4155

Project Team: Kevin O’Neill (SDOT), Sara Zora (SDOT), Ian Macek (SDOT), Gabriela Vega (SDOT), Chris Eaves (SDOT), Ron Borowski (SDOT), Chad Lynch (SDOT), Bridget Wiegart (PB)

1. **Welcome and Introductions (5 minutes)** **3:30 – 3:35 p.m.**  
All
  
2. **Freight Access Project - FAP (20 minutes)** **3:35 – 3:55 p.m.**  
SDOT
  
3. **Existing Conditions (45 minutes)** **3:55 – 4:40 p.m.**  
**Truck Flow Map**  
SDOT and Committee
  
4. **Policy Framework (45 minutes)** **4:40 – 5:25 p.m.**  
SDOT and Committee
  
5. **Future Meetings (5 minutes)** **5:25 – 5:30 p.m.**



# Industrial Areas Freight Access Project



*Image Credit: Port of Seattle*

# Project partnership

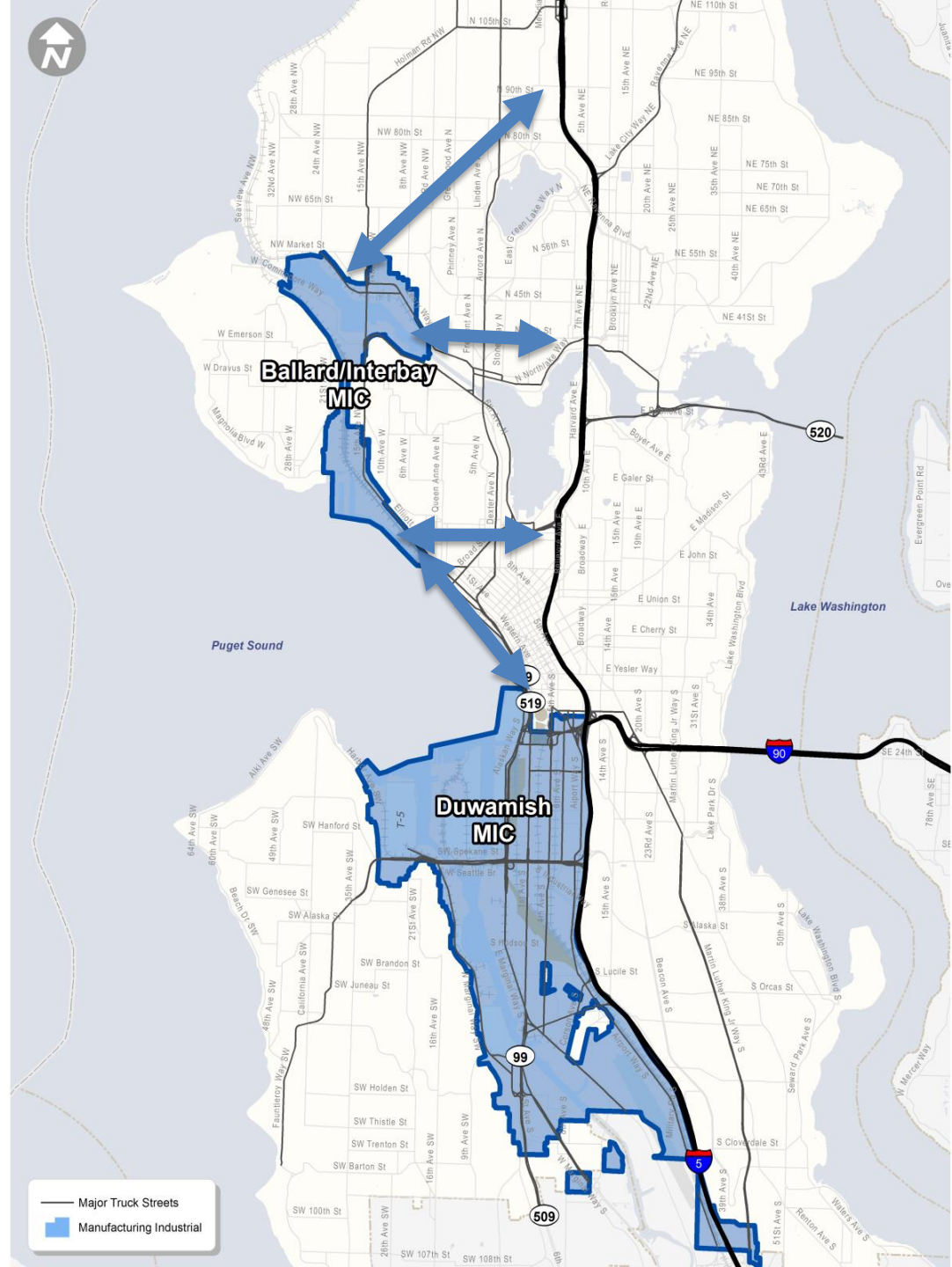
- Port and City jointly pursued and received a \$250,000 federal grant
- City provided local match of \$34,000
- Joint City and Port core team managing project





# Freight Access Project

- MICs
  - Ballard/Interbay
  - Duwamish
- Connecting Corridors between MICs
- Corridors from the MICs to the Regional Highway System



# Project objectives

1. Increase safety for all travel modes
2. Maintain and improve truck mobility and access to accommodate expected general traffic, freight, and cargo growth
3. Ensure connectivity for major freight intermodal facilities
4. Reduce environmental impacts, including greenhouse gas emissions







Image Credit: WSDOT

# Stakeholder engagement

- Freight Advisory Board workshops
- Targeted stakeholder interviews
- Stakeholder briefings

The **Freight Advisory Board** was established in September 2010. It advises the Mayor, City Council, and all departments and offices of the city in the development of a functional and efficient freight system.

# Performance measures

	Goal	FAP Objective	Performance Measure	Metric or Indicator
	Safety	Increase safety for all modes	<ul style="list-style-type: none"> <li>Truck safety</li> <li>Safety for other modes</li> </ul>	<ol style="list-style-type: none"> <li>Truck collision rates</li> <li>Collision history</li> </ol>
	Truck Mobility, Reliability, & Throughput	Maintain and improve freight-truck mobility and access	<ul style="list-style-type: none"> <li>Volumes &amp; vehicle classifications</li> <li>Speed</li> <li>Travel time</li> <li>Buffer index</li> </ul>	<ol style="list-style-type: none"> <li>Daily total, truck volumes and truck percent</li> <li>Average speed as percent of the posted speed limit</li> <li>Point-to-point travel time (selected corridors)</li> <li>Percent travel time to arrive on time w/ 95% certainty</li> </ol>
	Connectivity	Ensure network connectivity, especially for major freight inter-modal facilities	<ul style="list-style-type: none"> <li>Mobility constraints</li> </ul>	<ol style="list-style-type: none"> <li>Operational &amp; geometric constraints</li> <li>Weight and height restrictions</li> <li>Delay from RR and bridge closure (hours per day)</li> <li>Improved lane-miles of Last Mile connections</li> </ol>
	Environment	Reduce environmental impacts	<ul style="list-style-type: none"> <li>Congestion/delay- from speed &amp; travel time</li> <li>Stormwater management</li> </ul>	<ol style="list-style-type: none"> <li>Qualitative assessment of environmental benefits of congestion relief and drainage improvements</li> </ol>

# Project list development

- Process to evaluate freight needs, and develop and prioritize project list

## 1. Evaluate freight needs

- Performance measures
- Freight composite score



## 2. Review assumed projects

- Projects identified through other planning efforts



## 3. Apply toolbox treatments

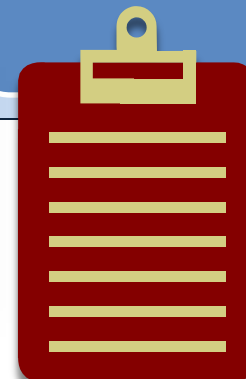
- Identify gaps
- Consider possible solutions



e.g. ITS applications

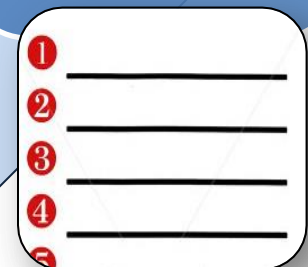
## 4. Develop project list

- Cost, schedule, location, etc.



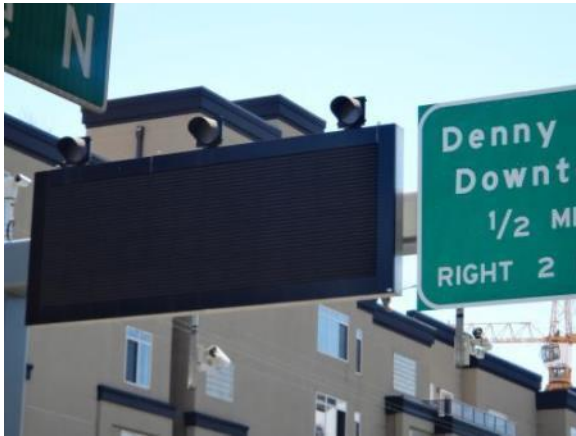
## 5. Prioritize projects

- Freight composite score, pavement conditions, reliability, environmental, etc.





# Freight toolbox elements



ITS applications



Maintenance and repair



Intersection operational changes



Capital investments

# Freight toolbox elements



Wayfinding for trucks



Geometric improvements



Freight delivery management

# Freight Access Project schedule

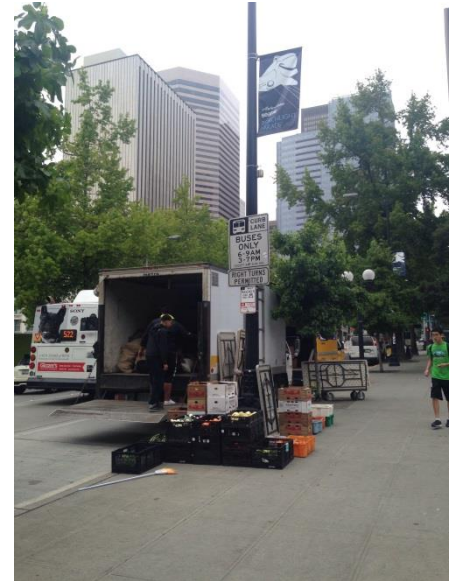
January-April 2014	Data collection, stakeholder interviews and workshops
May 2014	Existing conditions analysis
July 2014	Future conditions analysis
September 2014	Freight network performance analysis
November/ December 2014	Draft project & program recommendations
January 2015	Final report

	Freight Access Project (FAP)	Freight Master Plan (FMP)
Purpose	Address freight mobility needs between and within the MICs and the regional system	Establish citywide vision for freight mobility to guide and prioritize actions and investments
Type of effort	Technical project	Council-adopted plan
Geography	MICs and connections	Citywide
Time horizon	2035	2035
Projects	Yes	Yes
Policies	No, will flag issues for FMP	Yes
Programs	Limited	Yes
Prioritization	Yes	Yes, prioritization framework for investments
Proponents	Port & City	City
Schedule	Winter 2014/2015	Fall 2015

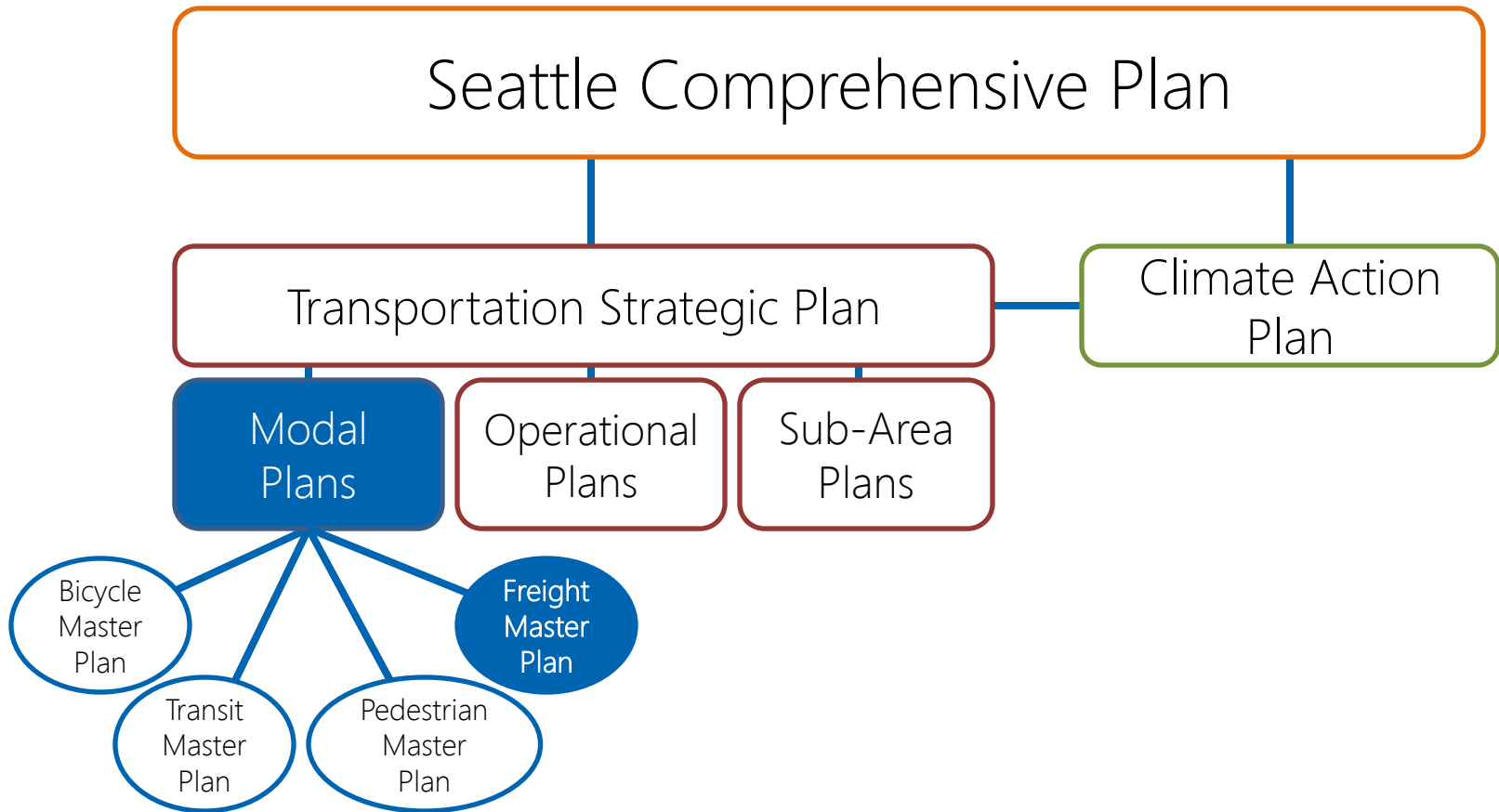


# FMP Existing Conditions

- Analysis of current conditions relating to industrial lands and freight mobility
- Analysis of issues that have implications for future conditions (economy, environment, etc.)
- Data analysis (truck volumes, major truck streets)



# Transportation planning framework



# Seattle Pedestrian Master Plan

Vision: Make Seattle the Most Walkable City in the Nation

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Goals:

**Safety** Reduce the number and severity of crashes involving pedestrians

**Equity** Make Seattle a more walkable city through equity in public engagement, service delivery, accessibility, and capital investment

**Vibrancy** Develop a pedestrian environment that sustains communities and supports a vibrant economy

**Health** Raise awareness of the importance of walking in promoting health and preventing disease



# Bicycle Master Plan

Vision: Riding a bicycle is a comfortable and integral part of daily life in Seattle for people of all ages and abilities.

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Goals:

**Ridership** Increase the amount and mode share of bicycle riding in Seattle for all trip purposes.

**Safety** Improve safety for bicycle riders in Seattle.

**Connectivity** Create a high-quality bicycle network that connects to places people want to go and provides a time-competitive travel option.

**Equity** Improve bicycle riding for all through equity in public engagement, program delivery, and capital investments.

**Livability** Build vibrant communities by creating a welcoming environment for bicycle riding.





# Transit Master Plan

Vision: Supports the mobility needs of Seattle residents and businesses.

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## Goals:

- Make it easier and more desirable for people to take transit
- Respond to the needs of vulnerable populations
- Use transit to meet sustainability, growth management, and economic goals
- Create great places where modes connect
- Balance implementation with fiscal, operational, and policy constraints



# FMP policy framework

Potential themes to include in vision/goals:

- Vibrancy/economic development
- Safety
- Sustainability
- Technology
- Access
- Modal integration
- Connectivity
- *Other?*



# Next Steps

- Complete draft of Existing Conditions report
- Prepare draft vision and goals for committee review
- Next Committee Meeting: January, 2015