Transportation 2040

Toward a Sustainable Transportation System – Regional Freight Strategy

AAPA MARITIME ECONOMIC DEVELOPMENT WORKSHOP, Tacoma, WA

July 13, 2010
The Region:
• 4 counties
• 82 cities and towns
• Hundreds of special districts

PSRC Responsibilities:
• Regional Growth, Economic and Transportation Planning
• Federal transportation funds to priority projects
• Regional data and forecasts
• Forum for regional issues
• Economic development

Puget Sound Regional Council
The Central Puget Sound Region is Growing

Expecting to add 1.5 million people and 1.2 million jobs by 2040

- Smaller household sizes
- Fewer households with children
- Older population
- Different travel needs & preferences

By 2040 the Region Will Grow by the Equivalent of Adding a region approximately the size of Portland
Transportation 2040 Plan

Adopted May 20, 2010

• Makes progress on major transportation system issues and informs near-term project decisions

• Aligns with VISION 2040 and the Regional Economic Strategy

• Responds to the 2040 growth forecasts for person and freight travel demand
Transportation 2040 Plan

Chapter 1: Toward a Sustainable Transportation System
Chapter 2: A Strategic Approach to Regional Mobility
Chapter 3: A Sustainable Environment
Chapter 4: A Sustainable Financial Framework
Chapter 5: Regional Programs & Projects
Chapter 6: Monitoring Implementation and System Performance
Chapter 7: Future Planning, Programming, and Implementation

Plus 12 Appendices (including Appendix J Regional Freight Strategy)
Section 1: Executive Summary

Section 2: Introduction

Section 3: Existing and Future Freight Conditions in the Puget Sound Region

Section 4: Emerging Global, National, and Regional Issues and Uncertainties

Section 5: Recommendations

Plus 5 Appendices
Puget Sound Goods Movement is MULTIMODAL

- Marine
- Rail
- Truck
- Air
- Intermodal

- All of which have unique, yet interconnected transportation needs. **Freight is not itself a transportation “mode”**
Who we have heard from

- Ports of Tacoma and Seattle
- King County
- Tacoma-Pierce County Chamber of Commerce
- WSDOT
- Boeing
- Washington State Dept of Agriculture
- ILWU
- City of Auburn
- Safeway
- UPS, FedEx
- Washington Trucking Association Members
- And many others
Regional Freight Strategy: Existing & Future Conditions

Regional Freight and Goods Transportation System

Seattle / Duwamish - Tacoma
Regional Freight Strategy: Existing & Future Conditions

- What Multimodal Facilities Comprise the Regional Freight Transportation System?
  - Air, Marine, Roadway, Rail, Pipeline, Military

- Commodity Profile –
  - What is moving on the system?
  - What factors influence mode choice?

- Economic and Industry Trends
- Land Use
- Environmental Issues
- Data Sources and Known Limitations
Regional Freight Strategy: Emerging Issues

What are Emerging Global, National, and Regional Issues and Uncertainties?

• Environmental
  – Climate Change and Greenhouse Gas Emissions
  – Fluctuating Energy Costs

• Transportation Security

• Land Use
  – Gentrification, Noise regulations, Property Value, Site design guidelines

• Tolling and Freight
  – 5 Case Studies reveal different lessons
  – Concerns with diversion
  – Ability to pay will affect companies and operators differently
Regional Freight Strategy: Recommendations

23 Total Recommendations are framed around the major issues identified early in the Transportation 2040 process.

- Congestion and Mobility
- Economy
- Environment
- Land use
- Planning and Analysis
- Preservation and Maintenance
- Safety and Security
- Sustainable Funding
Integration with Transportation 2040 Implementation

- T2040 Prioritization Process
- Further refinement of the region’s freight and goods transportation system
- Integrate with T2040 Action Strategy, and CMP “SMART” Corridors
- Continue to engage regional freight stakeholders in forums such as the Regional Freight Mobility Roundtable, and the FAST Corridor Partnership.
- Work towards recommendations from Regional Freight Strategy as opportunity, and resources permit
Regional Freight Strategy

- 23 Recommendations (Short / Long Term, and Ongoing)
- Base Conditions
- Emerging Issues

Transportation 2040 Issues

- Funding
- Equity
- Quality of Life
- Congestion & Mobility
- Economy
- Environment
- Land Use
- Preservation and Maintenance
- Safety and Security
- Sustainable Funding

Transportation 2040 Implementation

- Monitoring - Outcome Based Performance Measures
- T2040 Prioritization Process
- Environmental Objectives
- Congestion and Mobility monitoring
- Coordinated Financial Strategy
- T2040 Baseline Report
- Other: Regional Economic Strategy Update
## Transportation 2040 Proposed Criteria

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Monitoring Program Focus Area</th>
<th>Project Prioritization Focus Area</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mobility</strong></td>
<td>● Congestion relief and mobility for all transportation modes</td>
<td>● Travel time savings</td>
</tr>
<tr>
<td></td>
<td>● Accessibility to transportation choices</td>
<td>● Improved reliability</td>
</tr>
<tr>
<td></td>
<td></td>
<td>● Vehicle operating cost savings</td>
</tr>
<tr>
<td></td>
<td></td>
<td>● Freight mobility improvements</td>
</tr>
<tr>
<td><strong>Finance</strong></td>
<td>● The extent and application of tolling and user fees</td>
<td>● Sustainable funding</td>
</tr>
<tr>
<td></td>
<td>● Public and private expenditures for transportation and</td>
<td>● Capital and operating costs</td>
</tr>
<tr>
<td></td>
<td>● Regional transportation funding capacity</td>
<td>● Distortionary effects of tax funding</td>
</tr>
<tr>
<td><strong>Growth Management</strong></td>
<td>● Land use and regional development patterns (as laid out in VISION 2040)</td>
<td>● Support for Regional Growth Strategy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>● Support for centers inside the Urban Growth Area</td>
</tr>
<tr>
<td><strong>Economic Prosperity</strong></td>
<td></td>
<td>● Support for high-wage job growth and industry clusters</td>
</tr>
<tr>
<td><strong>Environmental Stewardship</strong></td>
<td>● Greenhouse gas and other emissions</td>
<td>● Reducing greenhouse gases and other emissions</td>
</tr>
<tr>
<td></td>
<td>● Water quality</td>
<td>● Reducing impacts on Puget Sound water quality</td>
</tr>
<tr>
<td><strong>Quality of Life</strong></td>
<td></td>
<td>● Safety</td>
</tr>
<tr>
<td></td>
<td></td>
<td>● Human health</td>
</tr>
<tr>
<td><strong>Equity</strong></td>
<td></td>
<td>● Equity and environmental justice</td>
</tr>
<tr>
<td></td>
<td></td>
<td>● Geographic distributions of impacts and benefits</td>
</tr>
</tbody>
</table>
Next Steps

Integration with Transportation 2040 Implementation

• T2040 Prioritization Process
• Further refinement of the region’s freight and goods transportation system
• Integrate with T2040 Action Strategy, and CMP “SMART” Corridors
• Continue to engage regional freight stakeholders in forums such as the Regional Freight Mobility Roundtable, and the FAST Corridor Partnership.
• Work towards recommendations from Regional Freight Strategy as opportunity, and resources permit
Project Prioritization Schedule - DRAFT

2010

(Starts in May)

Scoping *

Work Plan*
Peer Exchange

Criteria and Performance Measure Development*

Analysis

2011

2011 Legislative Session

Develop Priorities*

Draft Actions*

General Assembly

2012

2012 Legislative Session

* Denotes check-in with appropriate advisory and policy committees
Puget Sound Regional Council
www.psrc.org

Sean Ardussi
206-464-7080
sardussi@psrc.org