I-5 Bridge Replacement Project

Joint Committee on Interstate 5 Bridge Replacement Project

Kris Strickler, P.E., CRC Oregon Project Director

February 11, 2013
CROSSING

A project of national significance

- $40 billion in freight crosses bottlenecks in the nation
- One of the worst freight level rail lines, and air transport
- River barging, two ports, two water access to deep water shipping, up
- Connects interstate system with
- Vulnerable bridge
- Mexico dependent on an old, critical link between Canada and

bridge; $71 billion by 2030
Oregon business depends on transportation.
Critical Problems

- Wide shared path
- Poor bike and ped access
- Subject to I-5 congestion
- Limited transit options: Bus
- Pillsbury in vulnerable soil
- Earthquake risk: Timber
- Then autos involved in 50% more crashes
- Freight immobility: Trucks

2030
- Day increasing to 15 hrs. by
- Congestion: 4 to 6 hrs. per
- Increasing to 750 by 2030
- Crashes: 400 per year
15 bridge project area
Hayden Island Interchange
Seismic Stability

Liquefiable Zone
• Connect light rail to Vancouver

• Interchanges

• Improve safety and capacity in 5-mile corridor and

• Replace I-5 bridge

Long-term solution
<table>
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<tr>
<th>Date of Approval</th>
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Region 10
FHA Regional Administrator
R.C. Rhode

Administrator
FHWA Region Division

Division Administrator
FHWA Washington

Daniel M. Mallis

This is the Record of Decision Project Record of Decision is hereby approved.

The Record of Decision 12/7/2011
Project construction cost estimates and fund sources.
<table>
<thead>
<tr>
<th>Funding Sources</th>
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<tbody>
<tr>
<td><strong>State</strong></td>
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<tr>
<td><strong>User Fees</strong></td>
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<td><strong>Federal</strong></td>
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<tr>
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<tr>
<td>Oregon ($450 M)</td>
<td>Washington ($450 M)</td>
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<tr>
<td>TIFIA (loan to leverage tolls)</td>
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<tr>
<td>Toll Revenue ($900 M - $1.3 B)</td>
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<td>FHWA ($400 M)</td>
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<td>FTA ($850 M)</td>
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Coast Guard Permit

Resolution of bridge height issue with receipt of

Transit

Commitment of all operating funding sources for

USDOT

- TIFIA loan if pursued would need to be approved by
  - Toll revenues assumed to be $900M-$1.3B
  - Vote is required, it must have occurred

WA and OR contribution both assumed at $450M (it

Funding for the entire project

Commitment of 100% of the non-New Starts

FTA Requirements for FFCA
Coast Guard General Bridge Permit Process
Project Schedule

- Demolition of old bridges begins
- New northbound I-5 bridge opens
- Light rail service begins
- New southbound I-5 bridge opens
- Earliest pre-completion tolling could begin
- Begin bridge construction
- Begin early construction activities
- Submit application for transit full funding grant agreement
- Property acquisition process begins
- Project permitting
- Legislative Review (2013)
- Transportation commission signs agreement for di-state toll setting process
- Legislative Review (2012)
- Federal Record of Decision
- Final Environmental Impact Statement
- Outreach