Portland Metro Region Value Pricing Under HB 2017

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Washington State Transportation Commission
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From 2015 to 2017 in the Portland metro region . . .

- Hours of congestion increased by 13%
- Daily vehicle hours of delay increased by 20%
Congestion Relief in HB 2017
“All of the Above” Approach

Bottleneck relief
Freight rail

Transportation options
Value pricing
HB 2017 Section 120: Value pricing

Directs the OTC to:

• Seek FHWA approval to implement value pricing on I-5 and I-205 by end of 2018.

• If approved, “the commission shall implement value pricing to reduce traffic congestion.”
Oregon Transportation Commission Intent

• **Managing congestion**: Manage traffic demand and encourage more efficient use of the transportation system

• **Financing bottleneck relief projects**: Means to finance construction of roadway improvements
Types of Value Pricing To Explore

Bridge/highway tolling

Managed toll lanes
Policy Advisory Committee
<table>
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<th>Value Pricing Policy Advisory Committee</th>
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<tbody>
<tr>
<td><strong>Oregon Transportation Commission (two co-chairs)</strong></td>
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<tr>
<td>Clackamas County</td>
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<tr>
<td>City of Portland</td>
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<tr>
<td>TriMet</td>
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<tr>
<td>Portland Business Alliance</td>
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<td>Oregon Environmental Council</td>
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OTC Charge to the PAC

• **Where** and what **type** of pricing concepts should be applied?
• **What mitigation strategies** should be pursued to reduce impacts?

HOV Toll-Free Use Signage, I-10 Express, Los Angeles, California

In-line bus station on I-35W Express Lane, Minneapolis, Minnesota
PAC Factors to Consider

• Traffic operations improvements
• Diversion of traffic
• Adequacy of transit service (and active transportation)
• Equity impacts
• Impacts on the community, economy and environment
• Revenue and cost
• Public input
• Consistency with state law/policy and regional plans
• Feasibility under federal law
• Project delivery schedules
Pricing Concepts Considered
Concept A: Northern I-5 Priced Lanes
Concept B: I-5 Priced Roadway
Concept C: I-5 & I-205 Priced Roadway
Concept D: I-205 Priced Lane
Concept E: Abernethy Bridge Priced Roadway
Community Outreach and Engagement

Comprehensive & region-wide

49 community presentations

8 in-person open houses

6 equity-focused discussion groups

2 online open houses
Policy Advisory Committee Recommendation
Mitigation Priorities

- Improved transit & other transportation choices
- Provisions for low income communities
- Strategies to minimize and mitigate impacts from diversion
Recommended Pricing Concepts

Initial Implementation of Concept B and Modified E

- Concepts B and E - Price all lanes both directions
- Evaluate termini and design variations for tolling options
- No priced lanes

Longer Term Phased Implementation

- Concepts B and E - Price all lanes both directions
- Evaluate termini and design variations for tolling options
- Concept C - Price all lanes both directions
Toll I-5 and I-205 segments

Create a revenue source to help fund bottleneck relief projects in the corridor

Use variable toll rates to manage traffic congestion
Next Steps

- Planning and environmental analysis
- Policy development
- Toll system development
Estimated Timeline for Federal Review

- **2017**: Value Pricing Feasibility Analysis
- **2018**: Planning & Environmental Linkage: Pre-NEPA Analysis
- **2019**: NEPA Phase
- **2020**: NEPA Classification
- **2021**: NEPA Decision
- **2022**: Construction and Implementation
- **2023**: Stakeholder and Public Engagement
Roadmap to Implementation

2017
- HB 2017 - Portland Metro Area Value Pricing Feasibility Analysis
- Traffic and Revenue Analysis
- Objectives and Performance

2018
- OTC Recommendation to FHWA

20XX
- Pricing Project Scoping Studies
- Policy Design Preferences
- NEPA Analysis and Review
- Build, No-Build Mode Alternatives
- Systems Engineering Process
- System Design and Engineering
- Regional Planning and Programming
- Toll System and Electronics
- Project Opening
- Final System and Toll Operations Design

Legend
- "Off-ramps" from implementing pricing
- Start of major project phase
- Project milestones