I-90/ Eastgate to SR 900
Corridor Improvement

Puget Sound Regional Council

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I-90/ Eastgate to SR 900 Corridor Improvement

WSDOT Request: Add project into the Regional Transportation Plan & Approved Status
Exhibit ES.2: I-90 Corridor Planning Study Safety and Preservation Projects and Recommended Projects

1. Convert Existing WB & EB HOV into High Occupancy Toll Lanes
2. ATM – Variable Speed Zone and Lane Control
3. I-90/WB W Lake Sammamish Parkway to E Sunset Way Peak Use Shoulder Lane
4. I-90/EB Eastgate to W Lake Sammamish Parkway - Peak Use Shoulder Lane
5. Eastgate Interchange Rechannelization
6. W Lake Sammamish Parkway Roundabout
7. Lakemont Off Ramp Modification
8. Vicinity of 11th/12th Avenue NW Overcrossing/ Direct Access
9. Front Street Interchange Reconstruction
10. Preston-Fall City Road
11. I-90/SR 18 Interchange ATM – Variable Speed Zone and Lane Control
12. 438th Avenue SE Traffic Control

A. Eastgate Interchange Area (signage and guardrail)
B. Bridge Seismic Retrofit (Bellevue to Issaquah)
C. I-90 ramps/ West Lake Sammamish (new roundabout)
D. Preston-Fall City Interchange (guardrail)
E. I-90/WB SR 18 Bridge Deck Rehab
Prior to 2018 RTP Update, two projects were included in the plan:

- Project ID 5436 - 1-90: Eastgate to W. Lake Sammamish Pkwy (Lakemont) Added Aux. Lane (Eastbound 1-90)

- Project ID 5438 - 1-90 Westbound 1-90 auxiliary lane between West Lake Sammamish Parkway and Sunset Way
Connecting Washington
Scope of Funded Project

Re-stripe highway to create a 14’ peak use shoulder lane during peak traffic hours.
Peak Use Shoulder Lane

- Limited Access During Peak Periods
- Requires Additional Widening for Refuge Area
- Requires Additional ITS and Controls
Why Auxiliary Lanes?

- Functions Similar to Peak Use Shoulder
- Use Existing Roadway, Accessible 24/7
- Eliminates need for ITS & Controls
- Addresses Stakeholders’ Concerns of Lost Shoulder
  - Driver expectation
  - Maintenance activities
Project Information

- Begin Project 150th/Eastgate
- EB & WB Auxiliary Lanes
- WB Extended Off-Ramp
- West Lake Sammamish Pkwy
- End of Project SR900
Noise Walls

Bellevue

Issaquah
Total Budget - $73.2 Million
Connecting Washington Funding

**Timeline**

- **2015**: I-90/ Eastgate to SR 900 Corridor Improvements
- **2016**: Conceptual Engineering and Environmental Documentation
- **2017**: Final Design
- **2018**: Construction
- **2019**
- **2020**: Lanes open
Questions?