

I-5/Yesler Way to NE 117th St. Pavement, Deck, and Expansion Joints Project

PSRC Transportation Operators Committee – Project Briefing

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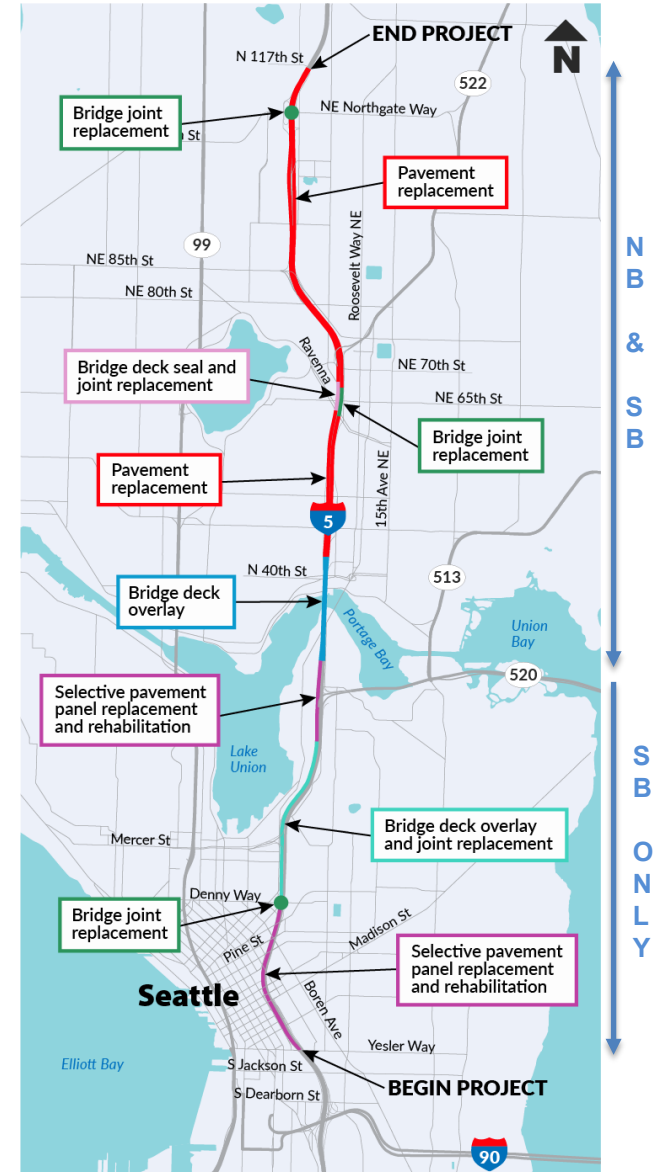
Reason for Project

- 60-year-old freeway
- Need to replace now, before emergency repairs cause frequent unscheduled closures



General Information

- **Project area**
 - Yesler Way to NE 117th St.
 - Rehabilitates 8 miles of I-5
 - Mill & fill on 22 ramps and ADA upgrades
- **Work includes**
 - Replacing concrete panels
 - Replacing bridge expansion joints
 - Resurfacing bridge decks
 - Replace drainage – Ship Canal Br. north
- **Project delivery method**
 - Design-build
- **Construction**
 - Scheduled to begin in fall 2023
 - Preservation project, mobile project



Maintenance of Traffic (MOT)

Key Considerations

- **Weekday vs. weekend mobility effects**
- **Long-term durability, quality of work**
- **Detour route availability**
 - Mainline lane closures
 - Ramp closures
- **Schedule coordination** with other projects
- **Special event coordination**
- **Availability of transit options**
 - Light rail
 - Bus
 - Special events
- **Noise variance**



Screening of MOT Strategies

Screening Criteria

- Geometric feasibility
- Maintains 2 or more through lanes
- Minimizes effect to local access
- Minimizes weekday closures
- Overall duration
- Ease of public messaging
- Construction noise



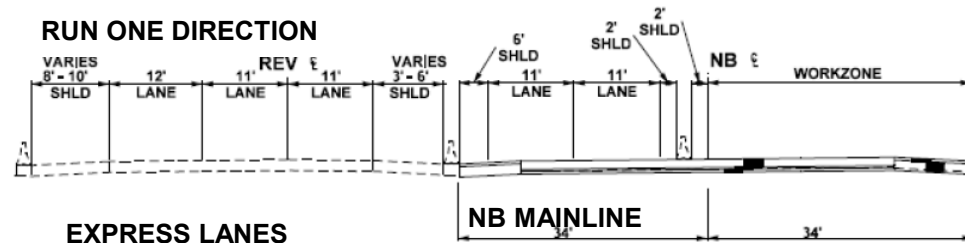
Carried Forward:

- Linear long-term closures (primary)
- Weekend full closures (secondary)
- Supplemented with:
 - Overnight lane closures
 - Overnight full closures
 - Weekend lane closures

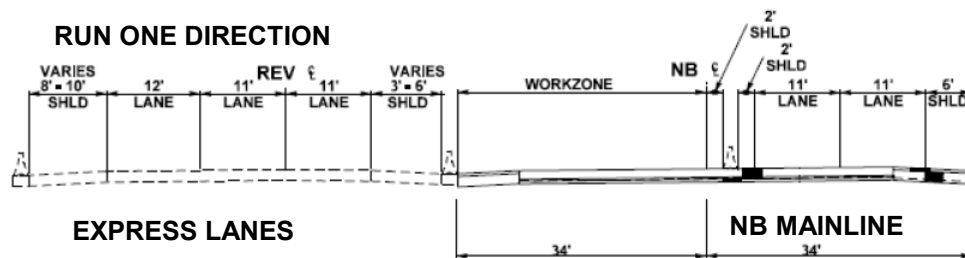
MOT Strategies Overview

Linear long-term closures

- Duration dependent on length of work zone
- Typically two stages of work
- Lanes open/closed:
 - 2 mainline lanes closed (type)
 - Other mainline lanes open
 - Express lanes open same direction
- Work occurs behind temporary concrete barrier
- Work occurs 24 hours/day (subject to noise variance)
- Detours to other regional routes



Stage 1 – Reconstruct Right Lane & Auxiliary Lane



Stage 2 – Reconstruct 2 Left Lanes

Procurement Schedule


- **Procurement**

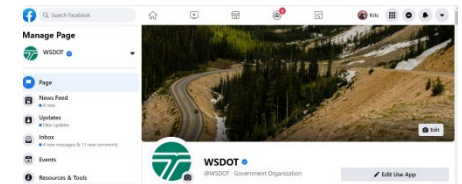
- RFQ issued: Aug. 29, 2022
- SOQ due date: December 2022
- Issue RFP: March 2023
- Proposals due: May 2023
- Announce Apparent Best Value Proposer: July 2023
- Estimated Notice to proceed: August 2023

- **Construction start**

- Earliest likely October 2023
- More significant construction starts spring 2024

Outreach Plan Overview

- Social and traditional media
  our largest tools
- Three communications specialists
- Project website
- Dedicated project hotline
- Noise hotline



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Questions?