SR 520/I-5 Express Lanes Connection Project

Construction update public meeting

Zoom Webinar - August 24, 2022

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All attendees are muted. To adjust your audio settings during the meeting, click on Audio Settings.

Chat is disabled. Please use the Q&A to ask questions or offer comments.

Auto-captioning is enabled. Click the CC box to change settings.

Technical difficulties? Email: SR520bridge@wsdot.wa.gov
Agenda

• Project overview
• Recent construction
  • Vibration and noise
• Upcoming construction
• Updates from Portage Bay Bridge project team
• Q&A
• How to stay informed
• Adjourn
SR 520 progress keeps moving west

SR 520/I-5 Express Lanes Connection Project
- Construction started: 2021
- Estimated duration: 3 years

Portage Bay Bridge and Roanoke Lid Project
- Construction estimated start: 2024
- Estimated duration: 6 years

Montlake Cut Bascule Bridge Project
- WSDOT will coordinate with community stakeholders and agency partners regarding project scope and timing
- Construction started: 2019
- Estimated duration: 4-5 years

SR 520 construction timeline

Montlake Project

<table>
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<tr>
<th>Year</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
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Portage Bay Bridge and Roanoke Lid Project

<table>
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<tr>
<th>Year</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
<th>2027</th>
<th>2028</th>
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<th>2030</th>
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SR 520/I-5 Express Lanes Connection Project

- Improved I-5 interchange connections
- Roanoke lid (10th and Delmar)
- I-5 bicycle/pedestrian crossing
- Pedestrian/bicycle land bridge
- Montlake interchange and lid
- Second Montlake bascule bridge
- West Approach Bridge South
- Union Bay
- Portage Bay
- Montlake Cut
- Montlake

[Map of SR 520 progress]
I-5 Project Overview

Project elements include:

1. New, reversible transit/HOV ramp between SR 520 and the I-5 express lanes

2. Restriped I-5 express lanes: retains four existing lanes while adding a reversible transit/HOV lane between I-5/SR 520 interchange and Mercer Street

3. Modified, reversible ramp between the I-5 express lanes and Mercer Street
Project Rendering

Looking south at I-5 and SR 520 interchange

- Northbound I-5 Ramp to Eastbound SR 520
- New Reversible Transit/HOV Ramp
- Existing General Purpose Ramp
- Southbound I-5
- I-5 Express Lanes
- Northbound I-5
Recent Construction Progress

• Work on retaining walls at Mercer interchange, Roanoke off-ramp and flyover ramp foundation/support structure

**Current lane closures/reductions:**
• I-5 express lanes reduced from four to three lanes through February 2023
• WB SR 520 to SB I-5 ramp reduced from two to one lane through Spring 2023
• WB SR 520 Roanoke St off-ramp closed for 55 days, scheduled to reopen Sept. 1
E Roanoke Street Off-Ramp Work: Vibration and Noise Effects

- Recent vibratory work
  - Drilling work near ramp to construct retaining wall
  - 5’ diameter temporary steel casing became stuck; vibratory equipment needed to dislodge for removal
- Received calls/emails from neighbors regarding vibration
- Worked with contractor to primarily use alternate method, oscillation
- Vibratory equipment used only when necessary

Possible upcoming nighttime noise and vibration:
- Completion of retaining walls near Roanoke
- Compaction for roadway construction

24-hr construction project hotline: 206-316-2559
Upcoming work

In preparation for the elevated ramp connecting Express Lanes and I-5:

• Express lanes reduced from four to three until Feb. 2023
  • Necessary to create a work zone to construct new retaining walls, ramp support pier and utilities
• Full weekend closure Sept. 23-26 (tent.)
  • Necessary to allow access for drilling, removal of materials, and placing concrete to construct ramp support pier

Crews work near pier 3 during a previous full express lanes weekend closure
**Major Project Milestones and Anticipated Timeline**

**August 2021**
Construction begins

**Winter 2021**
Began Mercer St reconfiguration

*Work delayed due to concrete driver strike*

**Spring 2022**
Begun wall construction along the Roanoke St off-ramp

Begun construction of flyover ramp foundation

**Summer 2022**
Began wall construction along I-5 between SR 520 and Mercer Street

**Fall 2022 – Fall 2023**
Construct and complete overpass

Begin wall construction along SR 520 to SB I-5

**Spring 2024**
Final paving and striping

Construction complete

Connection opens to transit*

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*Reversible transit/HOV lane will open to carpools following completion of Portage Bay Bridge and Roanoke Lid Project
Portage Bay Bridge and Roanoke Lid Project: Overview

Construction set to begin in 2024 and last approximately six years.

Note: concepts and materials shown are draft ideas for discussion purposes only, and are subject to change.
Test Pile Installation
Pre-construction Inspections & Noise Mitigation

Coming soon...
(Fall 2022)
Stay in touch

- **Contact** David Goldberg, SR 520 Program Community Liaison & Ombudsman. Email GoldbeD@wsdot.wa.gov or call 206-770-3659
- **Email** SR 520 staff with your questions about the project or construction activities. SR520Bridge@wsdot.wa.gov
- **Call** the 24-Hour Construction Hotline: **(206) 316-2559**
- **Visit** the **SR 520 Construction Corner** for the most up-to-date information on closures and construction impacts.
- **Visit** the **SR 520 Program website** to find general information about the project.
- **Follow** us on Twitter [@wsdot_520](https://twitter.com/wsdot_520) to get key news and updates about the SR 520 program.
Questions or comments?

Please use the Q&A window to ask questions or offer comments to be addressed by our team.

Looking south at I-5 and the I-5 express lanes toward downtown Seattle, Lake Union on the right
We want to hear from you!

Thank you for participating in today’s public meeting.

Have last comments and thoughts for our team? Send us an email at SR520bridge@wsdot.wa.gov