

Portage Bay Bridge and Roanoke Lid Project

April 2025 Construction Meeting

April 17, 2025

Please note that this meeting is being recorded.

Welcome

Facilitator

- Allan Vann, Skanska Public Information Manager

Presenters

- Robin Clarke, Skanska Community Liaison

Other staff

- Carmelo Chavez, Skanska Construction Manager

Meeting information

Please note that this meeting is being recorded.

Time: Noon to 1 p.m.

Q&A: Please submit your questions via the Q&A chat box at the bottom of your screen.

Contact us: Want to ask us a question after the meeting ends? Send us an email at sr520bridge@wsdot.wa.gov.

Want to share this meeting with others?
Next week, visit the Construction Corner at sr520construction.com to view a recording of the meeting and download a copy of today's presentation.

Stay up to date
Get weekly updates about current and upcoming construction activities straight to your inbox.



SR 520 Montlake Project information

A representative from Graham is attending this meeting and available to answer questions during the Q&A portion of the meeting.

What you need to know

- The SR 520 Montlake Project is nearing completion.
- This project is located directly east of the SR 520 Portage Bay Bridge and Roanoke Lid Project.
- Still have questions? Email the team at sr520bridge@wsdot.wa.gov



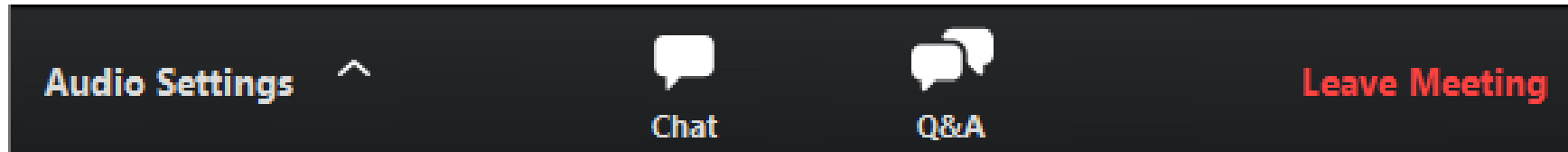
View of the completed Montlake Lid from above.

How to participate in this webinar

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



Please use the **Q&A window** to ask questions or offer comments.



CHAT is disabled during the presentation. Please communicate with the team through the **Q&A window**.

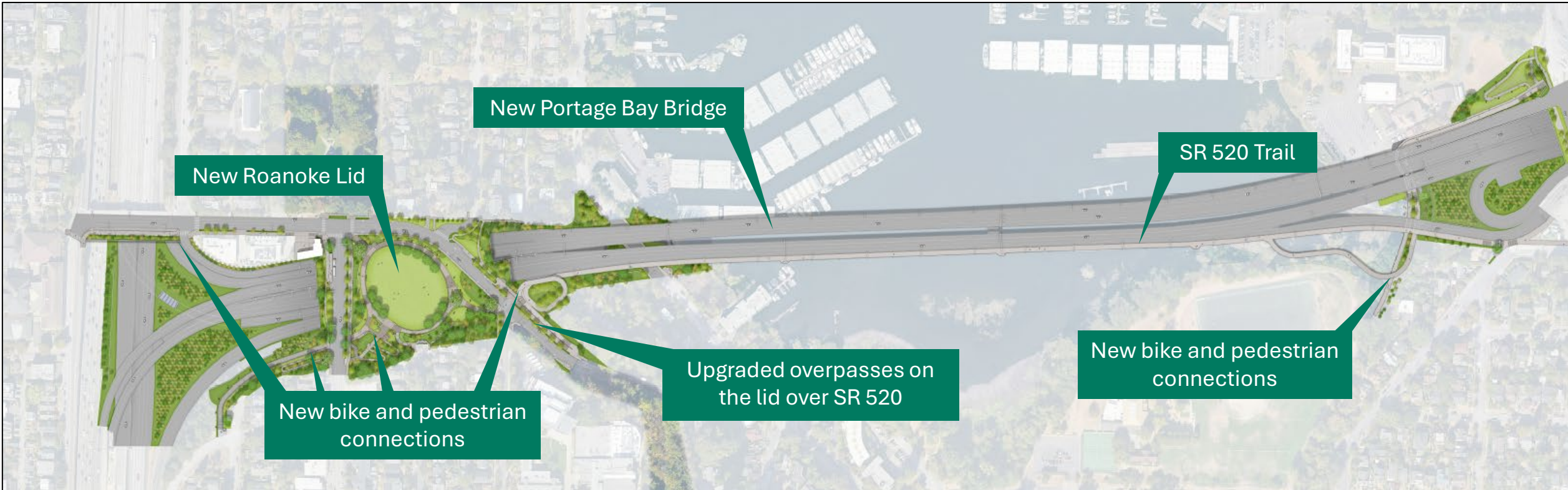
Agenda

- Project schedule
- Piledriving updates
- Current activities
- Ongoing nighttime work
- Short-term lookahead (May - June)
- Long-term lookahead (2025)
- How to stay informed
- Q&A session



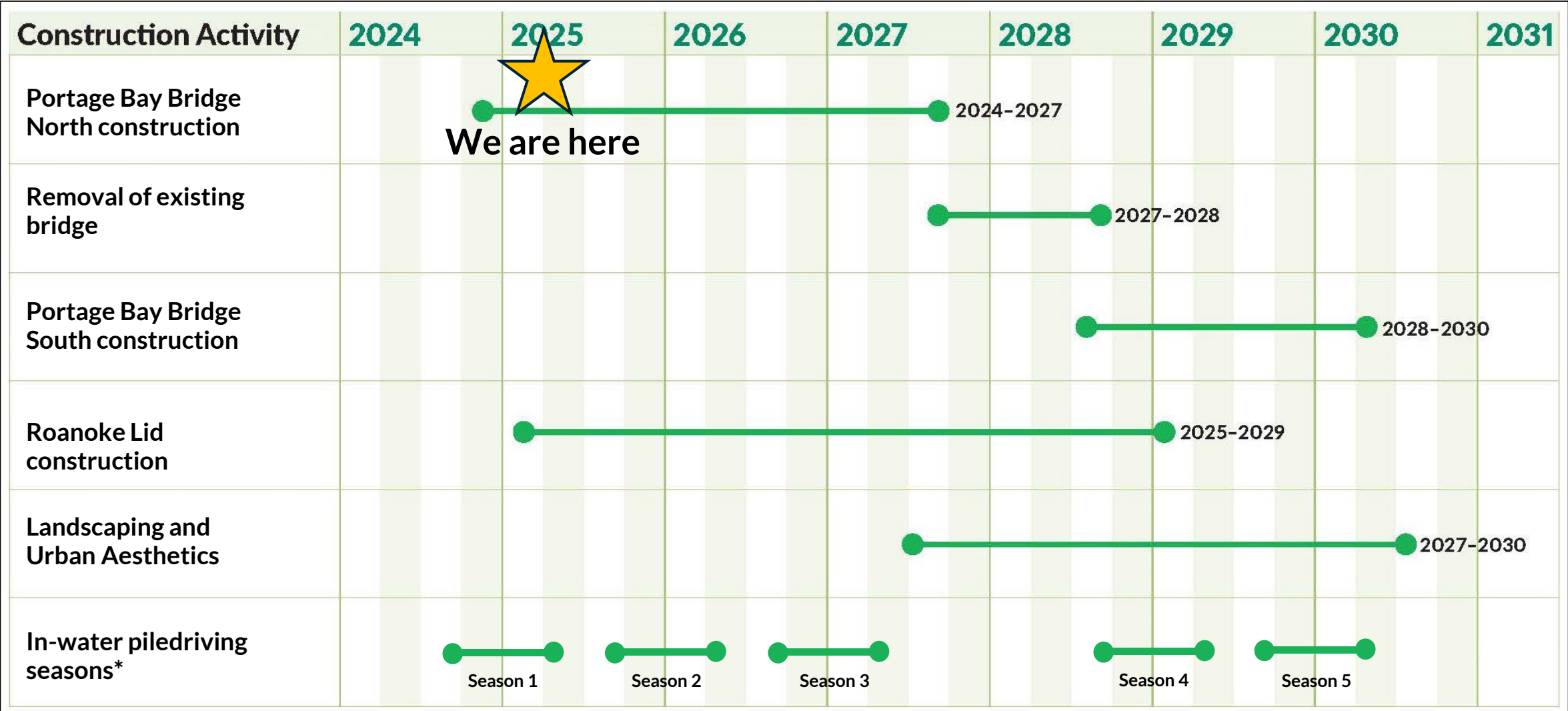
Aerial image of Portage Bay Bridge construction.

Project map



Map of major project elements.

Project schedule

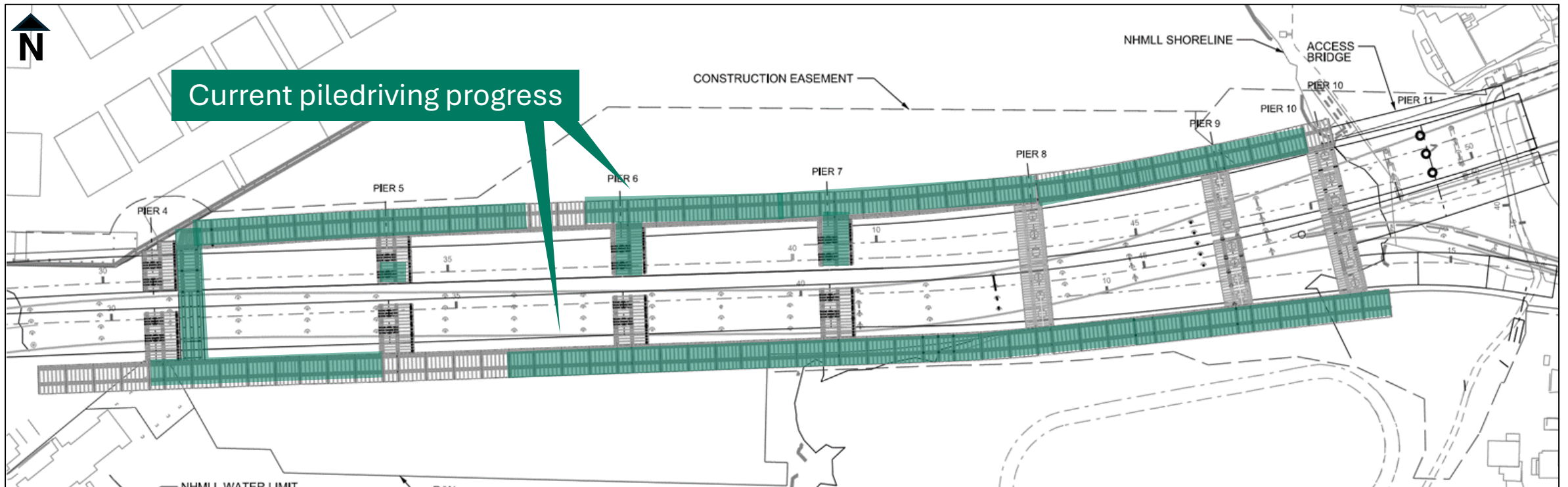


*In-water impact piledriving will occur in seasons annually from September through April. Other piledriving activities on land and/or with a vibratory hammer will occur year-round.

Piledriving updates

Piledriving progress (April 2025)

- We are installing our daily goal of between two and eight piles each day.
- We have installed piles in the green sections below.
- Crews are close to reaching their goal of installing over 300 piles in Season 1.



Map showing the current progress on piledriving.

Important update about piledriving

Through the end of April, we've made a temporary change to the construction schedule.

- Skanska needs to complete their first season of in-water impact piledriving before Wednesday, April 30.
- To meet the April 30 deadline, Skanska received a temporary noise variance (TNV) from the city of Seattle.
- Crews will work extended impact piledriving hours from 8 a.m. to 8 p.m. on weekdays (from the previous 8 a.m. to 5 p.m. window).
- There will be no change to the weekend impact piledriving schedule of 9 a.m. to 5 p.m. on Saturdays, Sundays and legal holidays.

More about the piledriving schedule

We're extending the hours now so we can keep the project on schedule and reduce the need to piledrive in future seasons. These temporary hours will not extend beyond April 30. As a reminder, vibratory piledriving in the water is allowed to continue year-round.

In-water impact piledriving ends April 30

- The first season of in-water impact work will be completed on April 30.
- In-water impact piledriving will pause until the next season begins in September 2025.
- Between May and September 2025, you can expect crews to continue vibratory piledriving and building elements for the temporary work trestle.
- Crews will also conduct some impact piledriving on land near the Boyer Hillside and the Montlake area after April 30.



Image of the current in-water work barge.

Impact vs. vibratory piledriving

- With **impact piledriving**, a hammer hits the top of a steel pile which sends a sharp sound into the air, water, and sediment.
 - In-water impact piledriving can only happen September through April.
 - On-land impact piledriving can occur year-round.
- With **vibratory piledriving**, a pile is vibrated into the sediment rather than hammered, which produces a continuous sound.
 - Vibratory piledriving can occur year-round.



Crews using an impact hammer to install piles in Portage Bay.

Weekly noise reports

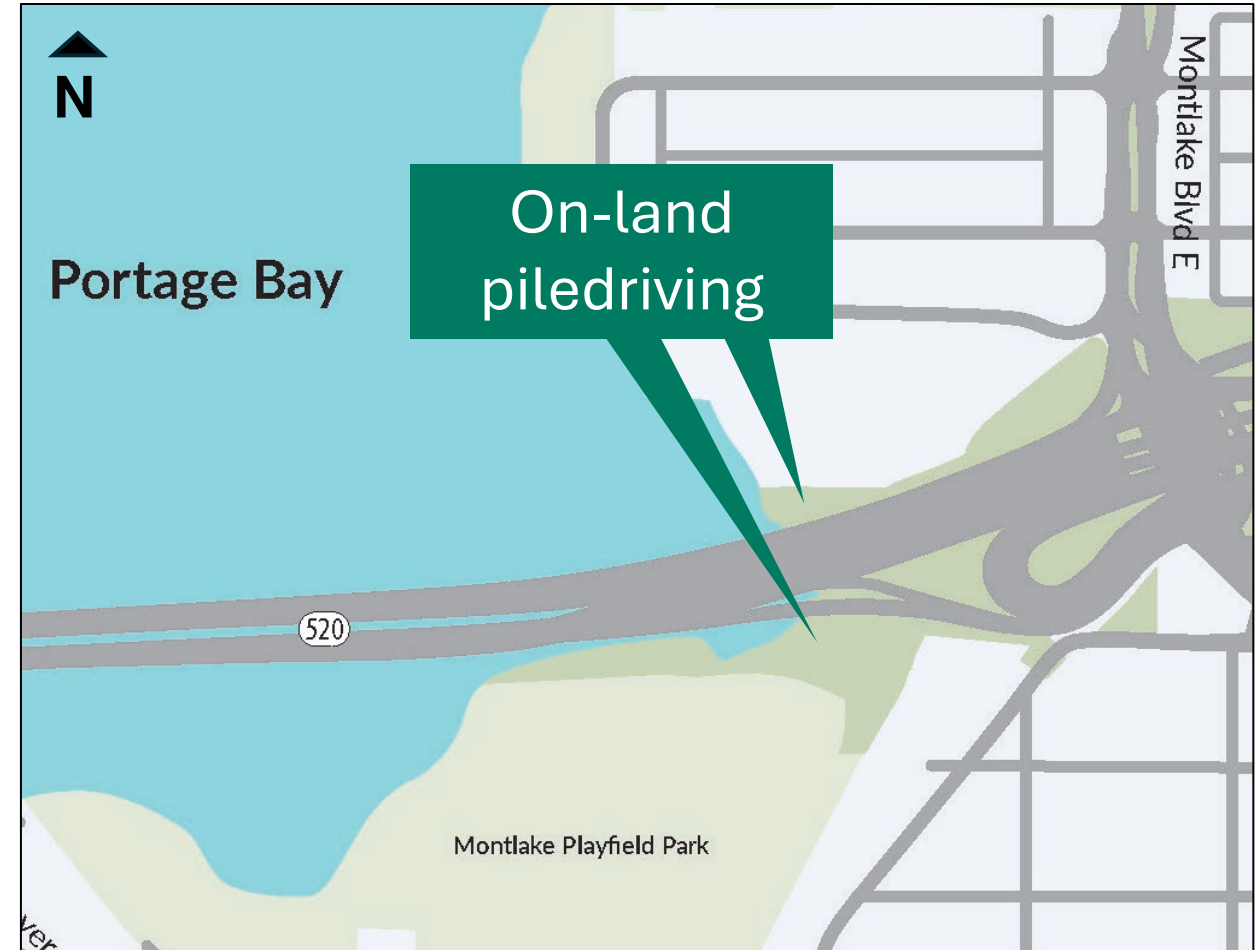
Weekly reports for noise at night are available on the project website. Download the latest report in the 'Noise' section under 'Project Materials' at the address below:

SR520construction.com/portage-bay-project

Piledriving between May and September

On-land impact piledriving in Montlake

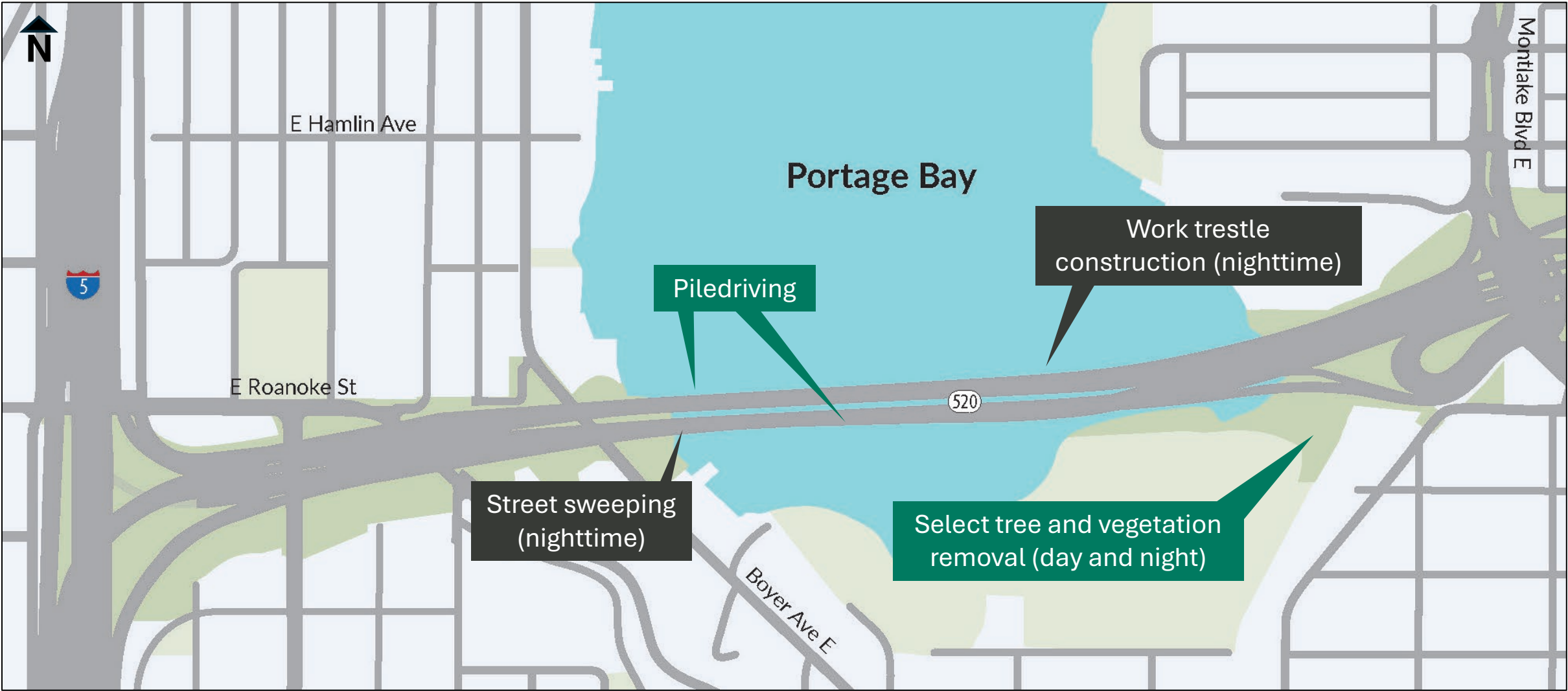
- In May, crews will install 17 piles on land in the Montlake area.
- Because of the soil conditions on land, we will use both impact and vibratory hammers.
- We will continue to work in the water using vibratory hammers.



Map showing the impact piledriving locations on land

Current construction activities

Current construction activities



Map of current construction activities.

Upcoming lane and ramp closures

- Single lane closure on eastbound SR 520 between I-5 and Montlake
 - **Dates:** Friday, 4/25 and Monday, 4/28 to Wednesday, 4/30
 - **Time:** 9 a.m. to 3:30 p.m. each day
- Eastbound SR 520 off-ramp to Montlake Boulevard closure
 - **Dates:** Saturday, 4/26 and Sunday, 4/27
 - **Time:** 8 a.m. to 10 p.m. each day



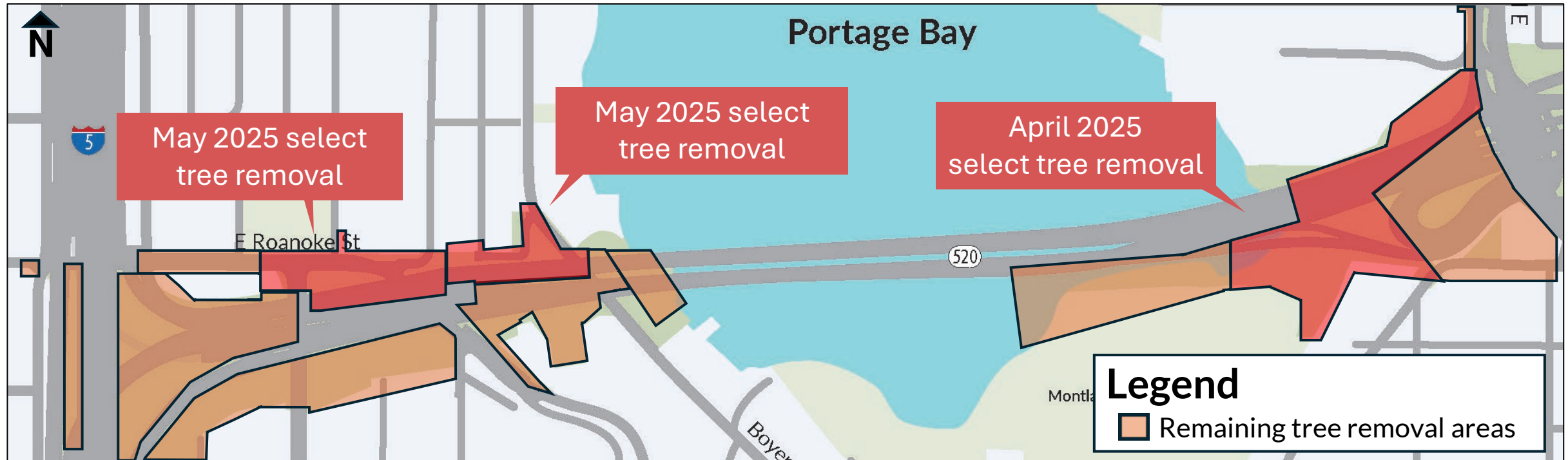
Recent weekend single-lane closures on SR 520.

CONSTRUCTION CORNER WEBSITE

One-stop shop for traffic and construction information during the Portage Bay Bridge and Roanoke Lid Project.
sr520construction.com

Tree removal schedule

- Select tree removal began in March.
- Select tree and vegetation removal highlighted below in red continues into spring.
- Get updates on our schedule through email updates and signs in your neighborhood.



We will remove trees and vegetation in stages. We are currently scheduling tree removals in the orange areas.

Tree removal near Montlake Boulevard

- We'll remove trees near the existing bridge that conflict with construction.
- These removals will happen at night for crew and traveler safety.
- Single lane closure on the eastbound SR 520 on- and off-ramps at Montlake Boulevard



Crews need to remove select trees near the eastbound SR 520 on-ramp, which will require overnight single-lane closures.

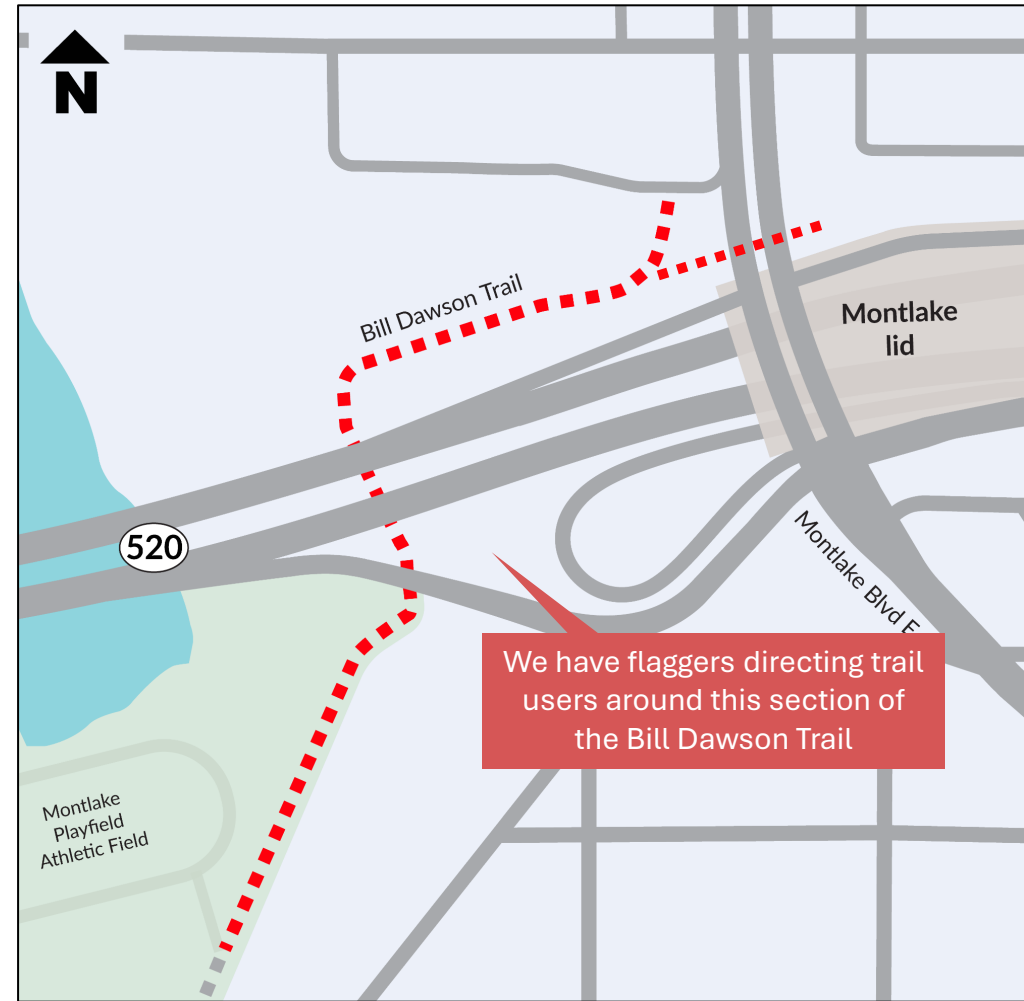
REMOVING TREES AT NIGHT

There are several trees close to SR 520 that we need to remove during construction. We will remove these trees at night for the safety of our crews and travelers. Nighttime tree and vegetation removal is not expected to be louder than daytime tree removal.

Flagging along the Bill Dawson Trail

Crews are:

- Intermittently flagging Bill Dawson Trail traffic through April and into early May.
- Removing shrubs and vegetation near the trail.
- Removing trees north of the existing Portage Bay Bridge & near the Montlake Playfield.
- Closing the trail for five years beginning Monday, May 12. Signed detours will be in place.

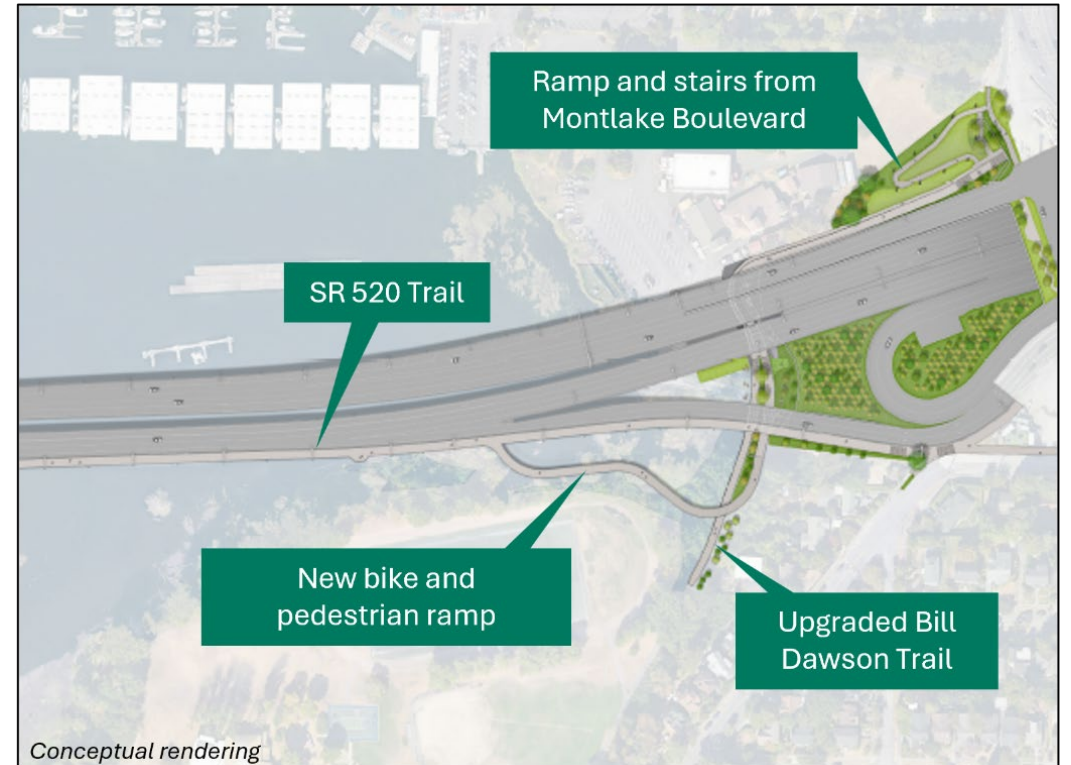


Map showing the section of the Bill Dawson Trail that will be closed.

Tree removal near Bill Dawson Trail

We need to remove select trees so we can build a new connection to the trail and make upgrades, including:

- Widening the trail from 8 feet to 14 feet
- Building a new bicycle and pedestrian ramp that connects the trail to the extended SR 520 Trail on the new Portage Bay Bridge
- Improving the area under the bridge with new lighting, landscaping and decorative hardscaping



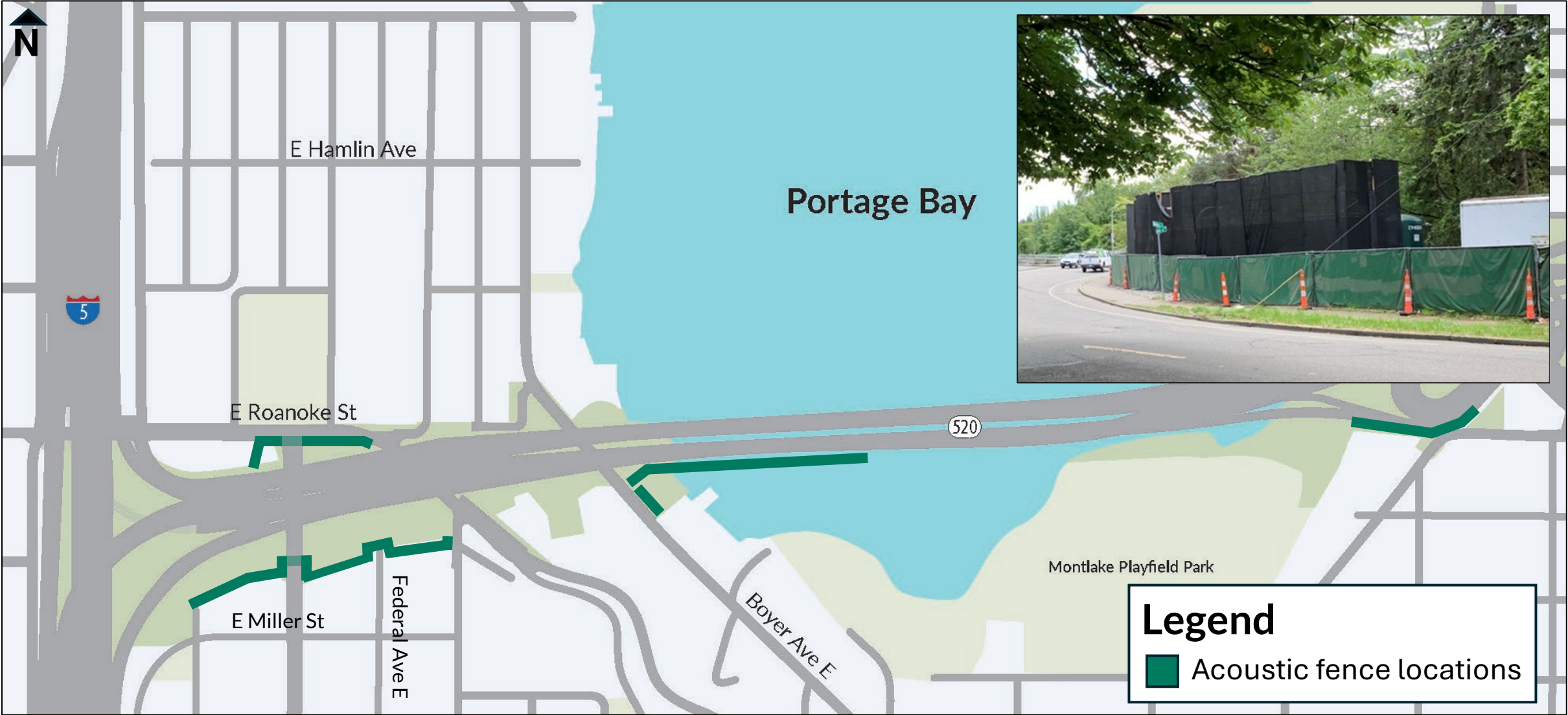
Conceptual rendering of the Bill Dawson Trail area improvements; subject to change.

Bill Dawson Trail area improvements



Conceptual renderings only. Design is subject to change.

Acoustic fence installation



Map of acoustic fences we expect to begin installing in May.

Ongoing nighttime work

April and May nighttime construction

- Sweeping the existing Portage Bay Bridge.
- Lane closures on SR 520 on-ramps to install storm drain filters and remove trees near the highway.
- Continue building the temporary work trestle platforms.



Work zone in Portage Bay before sunrise

NIGHTTIME CONSTRUCTION HOURS

Monday through Friday , 10 p.m. to 7 a.m. | Weekends and holidays, 10 p.m. to 9 a.m.

Temporary work trestle



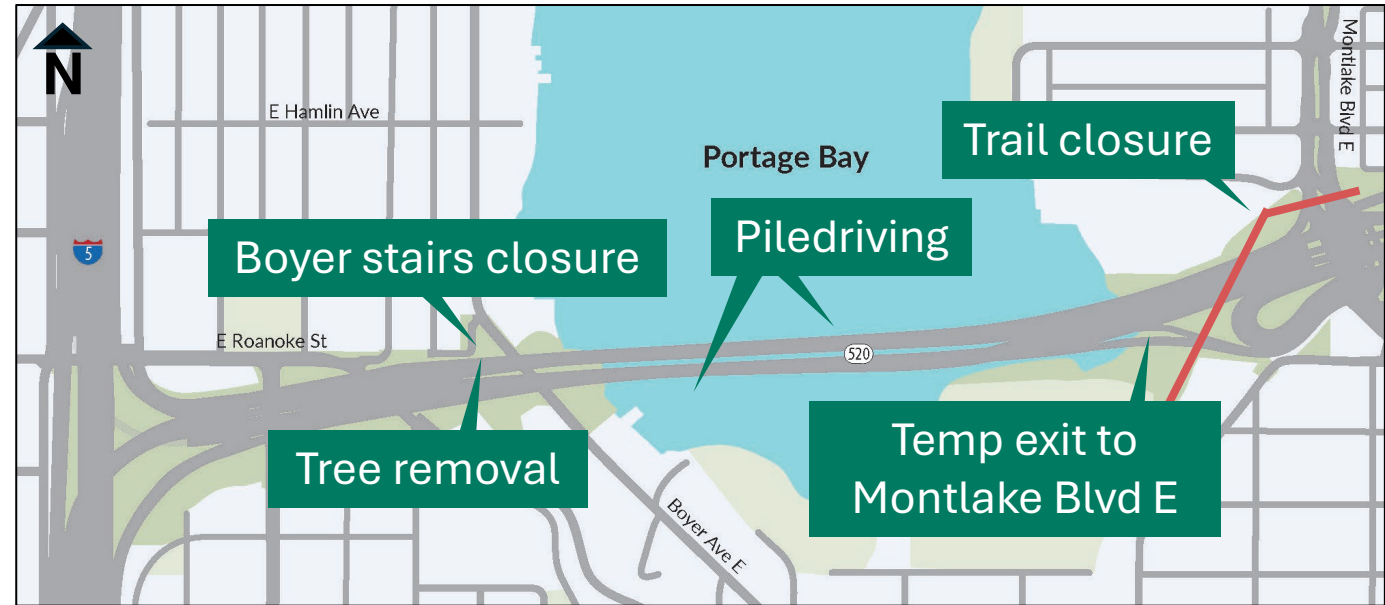
Crews have installed piles in Portage Bay to support the temporary work trestle.

Short-term lookahead (May and June)

Construction lookahead

In May and June, we will:

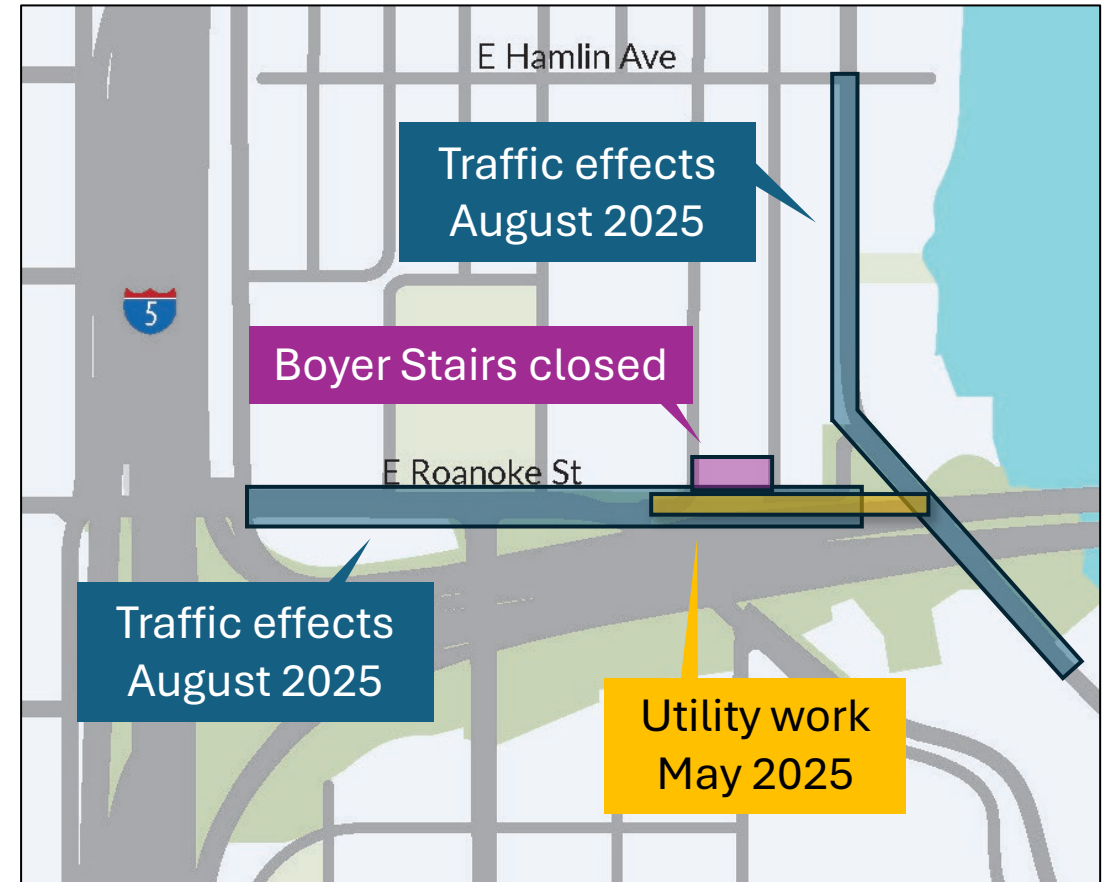
- May 2025:
 - Continue in-water vibratory piledriving
 - Close the Bill Dawson Trail
 - Close the Boyer Stairs for utility work
 - Continue tree and vegetation removal in the Roanoke area
 - Begin building the temporary eastbound SR 520 exit to Montlake Boulevard
- June 2025:
 - Continue in-water vibratory piledriving
 - Continue tree and vegetation removal in the Roanoke area
 - Continue building the temporary eastbound SR 520 exit to Montlake Boulevard
 - Begin building a temporary northbound I-5 off-ramp to eastbound SR 520



Project area map.

Utility work near Roanoke Park

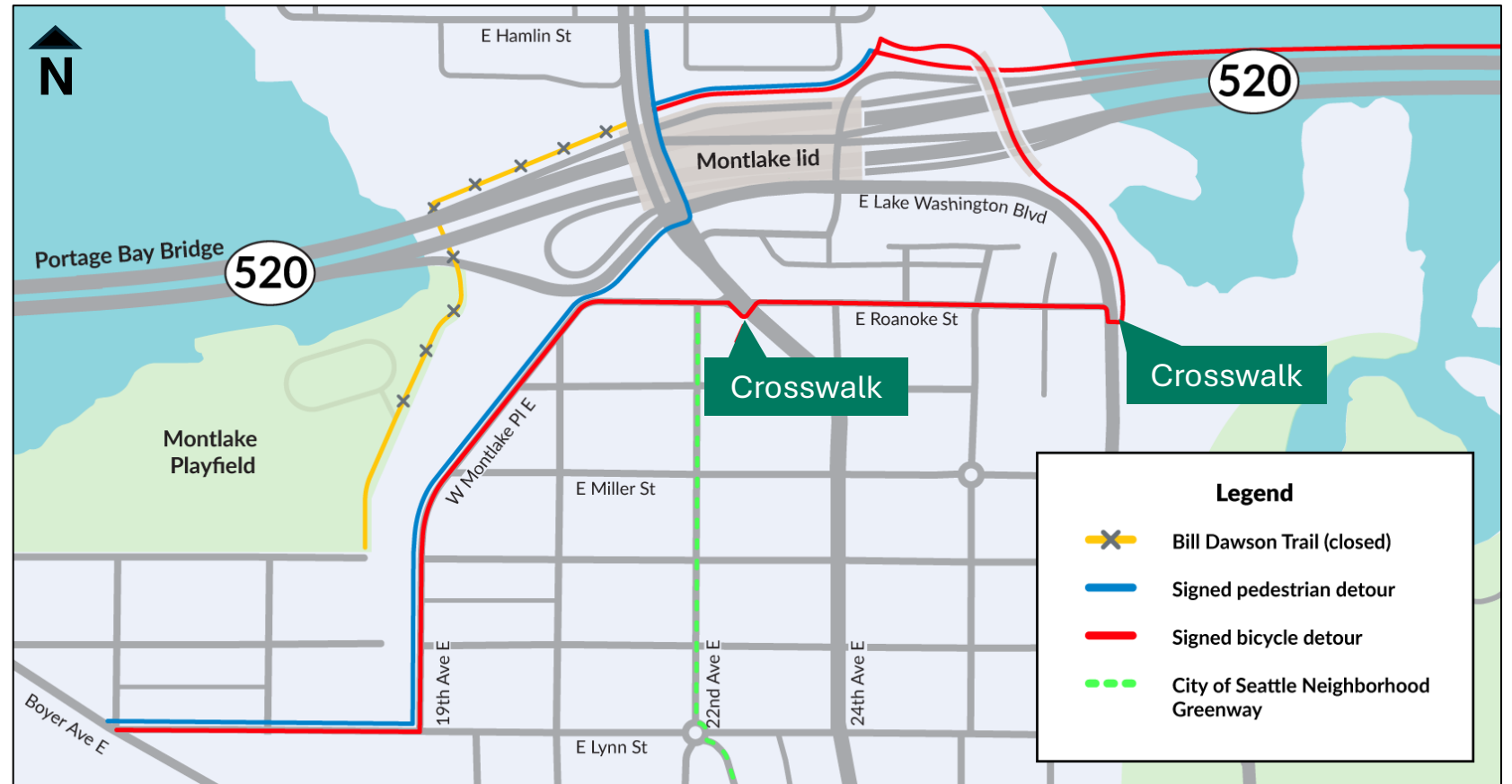
- Utility work on a watermain along East Roanoke Street is scheduled to begin in May 2025.
- Additional utility work on a 26 kilovolt electrical line is scheduled for August 2025.
- Expect single-lane closures and flagging when additional work begins in August.
- Reminder: the Boyer Stairs are scheduled to close in May 2025 **for up to five years**.



Map of the Roanoke Park and Portage Bay neighborhoods.

Long-term Bill Dawson Trail closure

- On Monday, May 12, we will close the Bill Dawson Trail between Montlake Boulevard and the Montlake Playfield for **five years**.
- The map to the right shows detours for pedestrians and cyclists.



A detour map for the trail closure.

Crossing Montlake Boulevard

Bicyclists are encouraged to use the crosswalk when crossing the Montlake Boulevard/East Roanoke Street intersection. We encourage all travelers to take the routes they are most comfortable with.

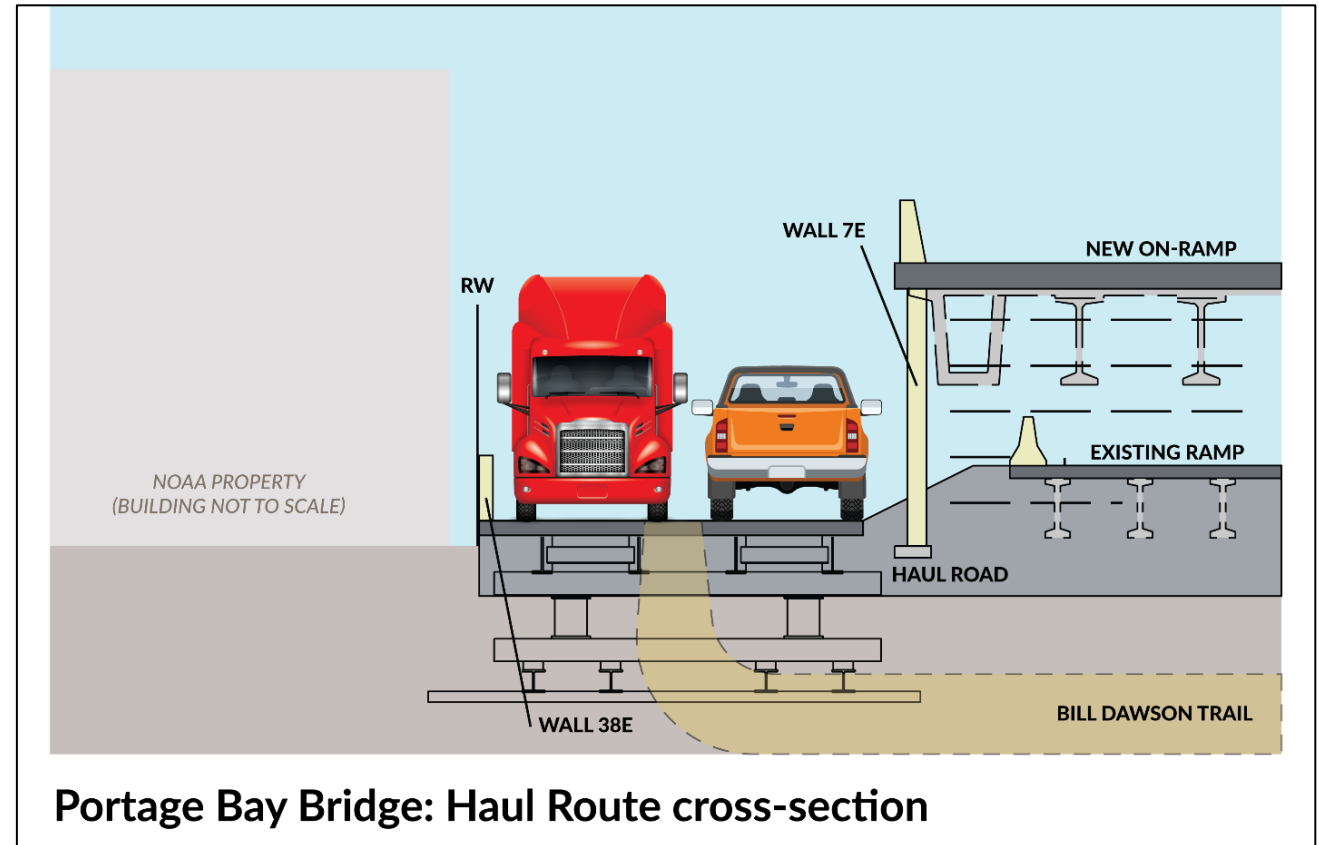
Reminder: closing the Bill Dawson Trail

In addition to the safety of our crews and trail users, we need to use parts of the trail to build the new Portage Bay bridges above the Bill Dawson Trail bridges.

- Crews will transport large girders through the area to build permanent supports for the new Portage Bay bridges above the Bill Dawson Trail.
- Part of the trail will be blocked with embankments (a raised mound/wall made of earth) to provide support for future bridge structures.

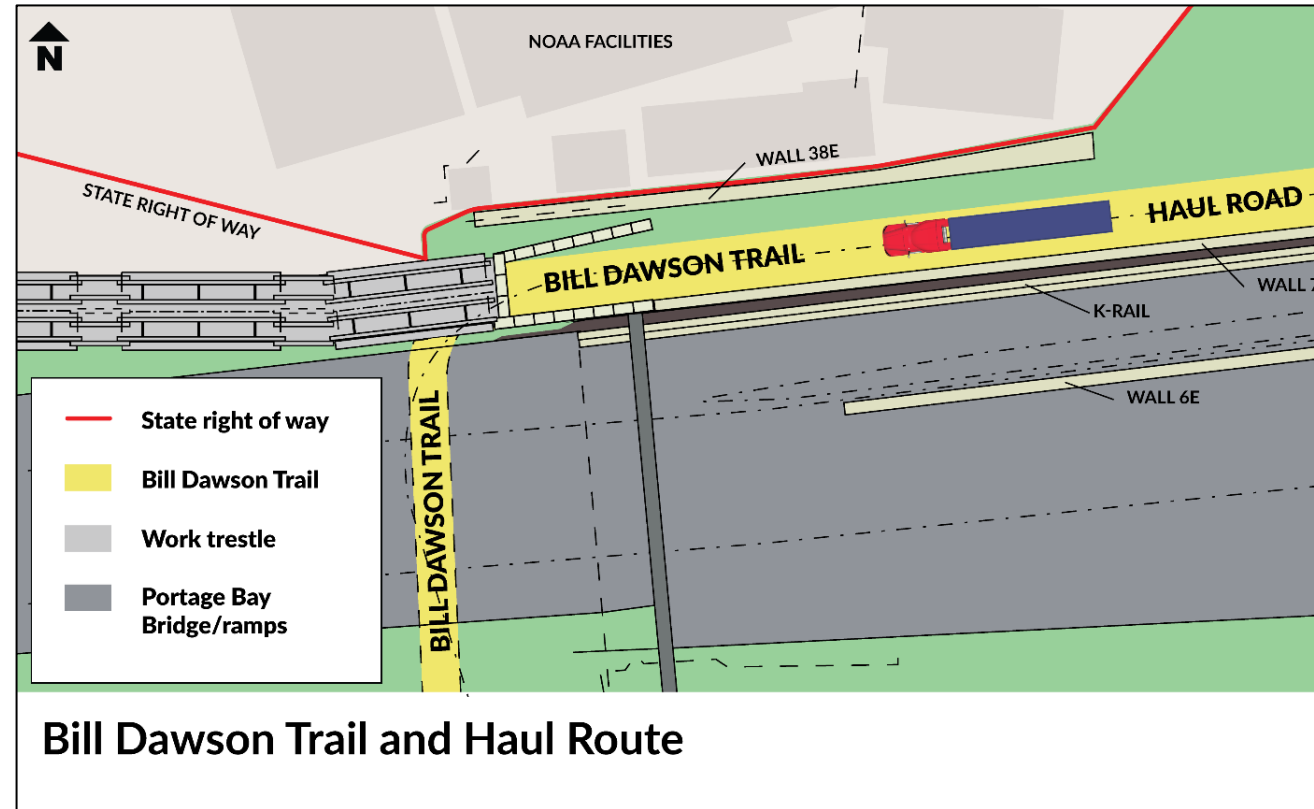
Why does the haul route need to go over an existing trail?

We are building the project in a tight, confined space and we have limited options to complete our construction activities. Moving the haul route would either require us to acquire property from the nearby NOAA facility or create a long-term closure on the existing Portage Bay bridge and on-ramps.



Reminder: closing the Bill Dawson Trail

- To access our work zone in Portage Bay, we need to build a haul route from Montlake Boulevard to the temporary work trestle.
- Due to limited space, we will need to take over a portion of the Bill Dawson Trail for our haul route to the work trestle.
- Why we need to close the trail:
 - Maintain safe access to the work trestle.
 - Eliminate conflicts with trail users and heavy equipment operators.
 - Safely transport cranes, drill rigs, personnel-lifts and other equipment over the trail.

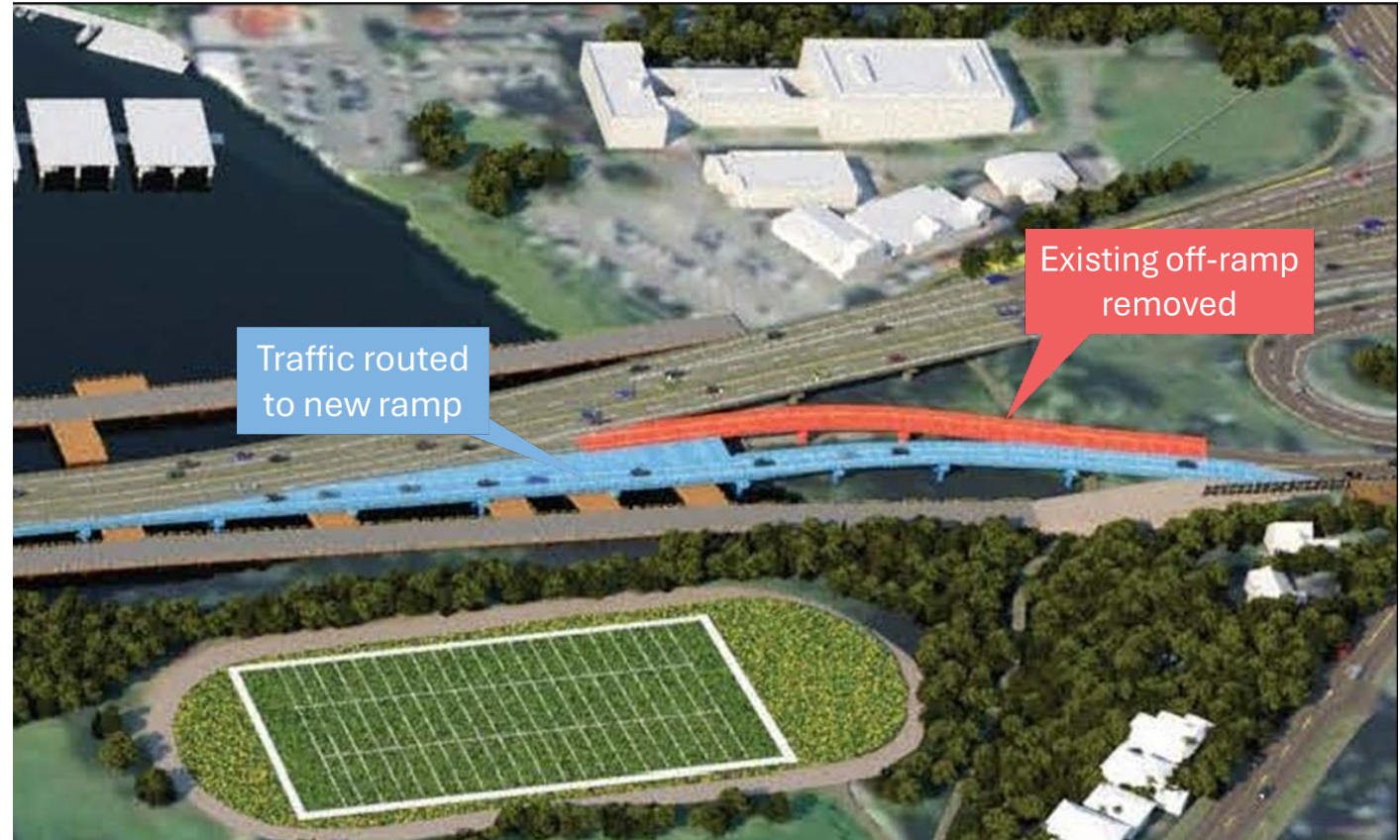


Accessing the temporary work trestle



Upcoming traffic shifts

- The first major traffic shift for this project will happen on the eastbound SR 520 off-ramp to Montlake Boulevard.
- This work will require at least two full weekend closures and several nighttime closures of eastbound SR 520 on the Portage Bay Bridge.
- These closures will be announced in advance.



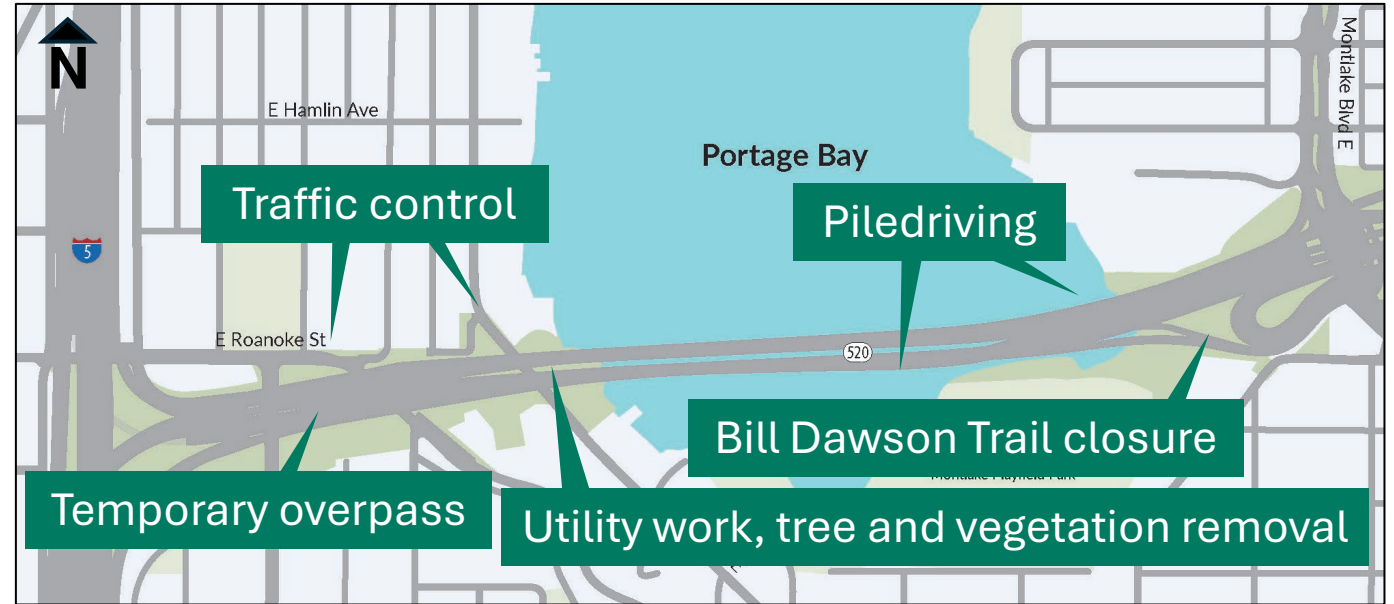
Future eastbound SR 520 off-ramp to Montlake Boulevard

Long-term lookahead (2025)

Long-term lookahead

Through 2025, we will:

- Continue in-water impact piledriving through April 30, 2025.
- Continue vibratory piledriving.
- Begin Season 2 of in-water impact piledriving September 1.
- Conduct traffic control on city streets and occasional full closures of SR 520 over Portage Bay.
- Perform utility work in Roanoke near Boyer Avenue East.



Project area map.

****Reminder:***

Season 1 for in-water impact piledriving ends April 30, 2025.

We will stop using an impact hammer to install piles in Portage Bay on April 30. Crews will continue vibrating piles and installing piles on land after Season 1 ends. The next season for in-water impact piledriving will begin in September 2025.

Staying in touch and Q&A

How to stay informed



PORTAGE BAY CONSTRUCTION HOTLINE

24-hour phone line for construction related questions. This is a new hotline for the Portage Bay Project.

206-319-4520



CONSTRUCTION CORNER WEBSITE

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sr520construction.com

Questions?

Email the project team at
sr520bridge@wsdot.wa.gov



EMAIL UPDATES

Receive regular email updates about upcoming construction work with our weekly newsletter. Subscribe here:

bit.ly/4hyohIT



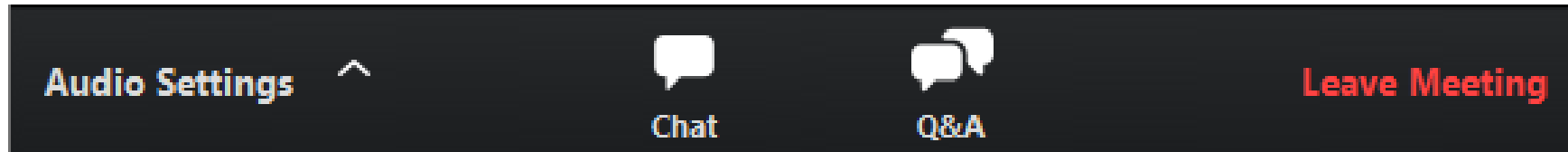
MEETINGS

Attend our open houses and monthly construction meetings. Sign up for email updates to receive invitations to the meetings.

Thank you!

Comments and questions

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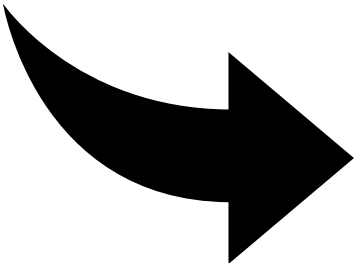



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Meeting recordings

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Remember to scroll down to the bottom of the page!






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Portage Bay Bridge and Roanoke Lid Project



The Portage Bay Bridge and Roanoke Lid Project will replace the aging Portage Bay Bridge with a seismically resilient structure that includes improved bus/carpool travel and an extension of the SR 520 Trail. This project also builds a landscaped lid between Seattle's Roanoke Park and North Capitol Hill neighborhoods.

[Portage Bay Project Webpage](#)



Other

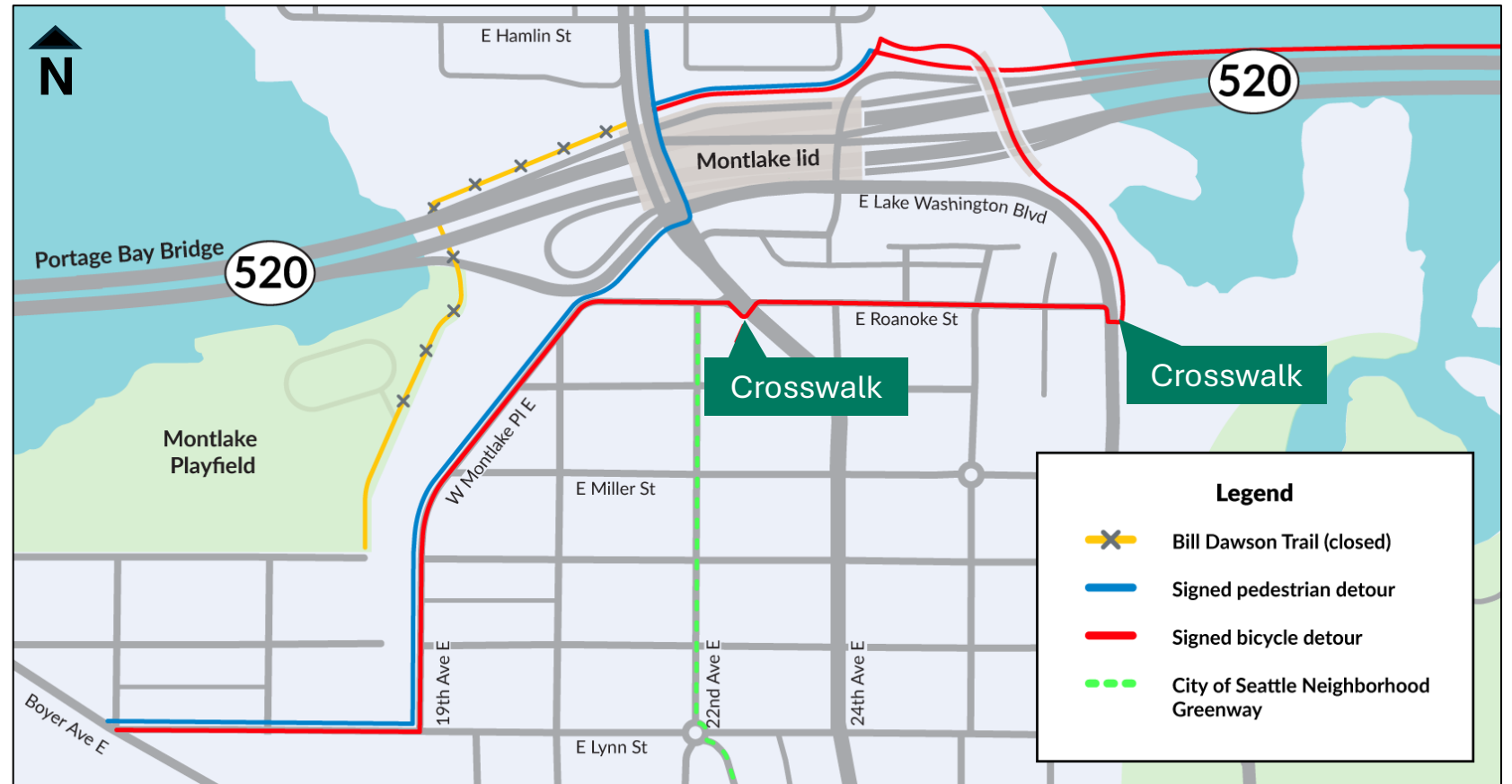
We strive to keep the public informed about our project construction activities and effects. We do this through regular public meetings, neighborhood FAQs, community events, and digital communications.

Public meetings

[View the Portage Bay Project's latest monthly construction meeting recording.](#)
[View the Portage Bay Project's latest monthly construction meeting presentation.](#)

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