

# Portage Bay Bridge and Roanoke Lid Project

## March 2025 Construction Meeting

March 20, 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](mailto:sr520bridge@wsdot.wa.gov).

**Want to share this meeting with others?**  
Next week, visit the Construction Corner at [sr520construction.com](http://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.

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## 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](mailto:sr520bridge@wsdot.wa.gov)

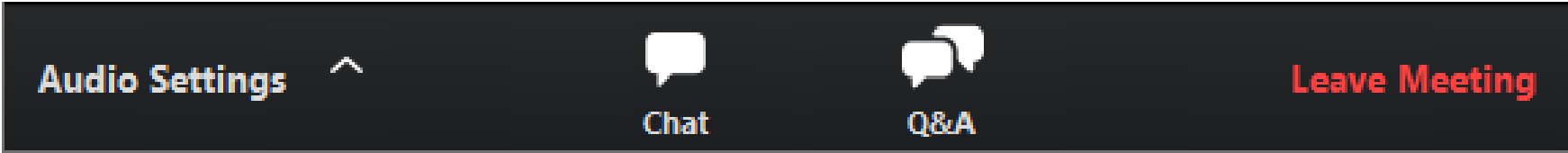


View of the completed Montlake Lid from above.

# 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

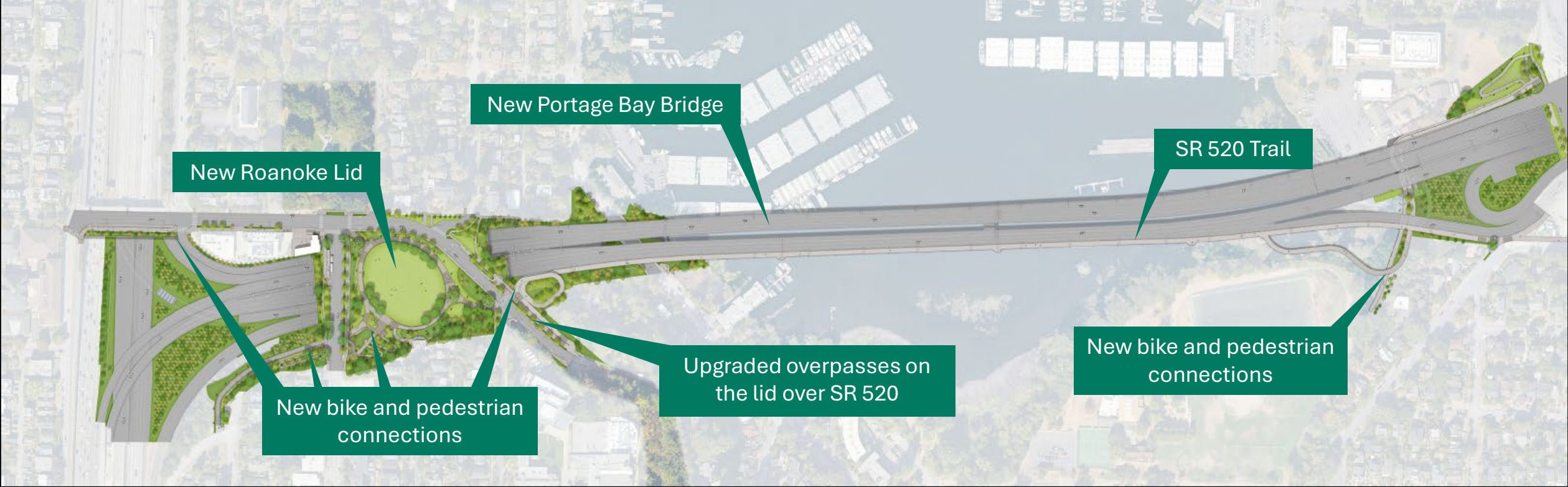
- Project schedule
- Current activities
- Ongoing nighttime work
- Short-term lookahead (April - May)
- Long-term lookahead (2025)
- How to stay informed
- Q&A session



Aerial image of Portage Bay Bridge construction.

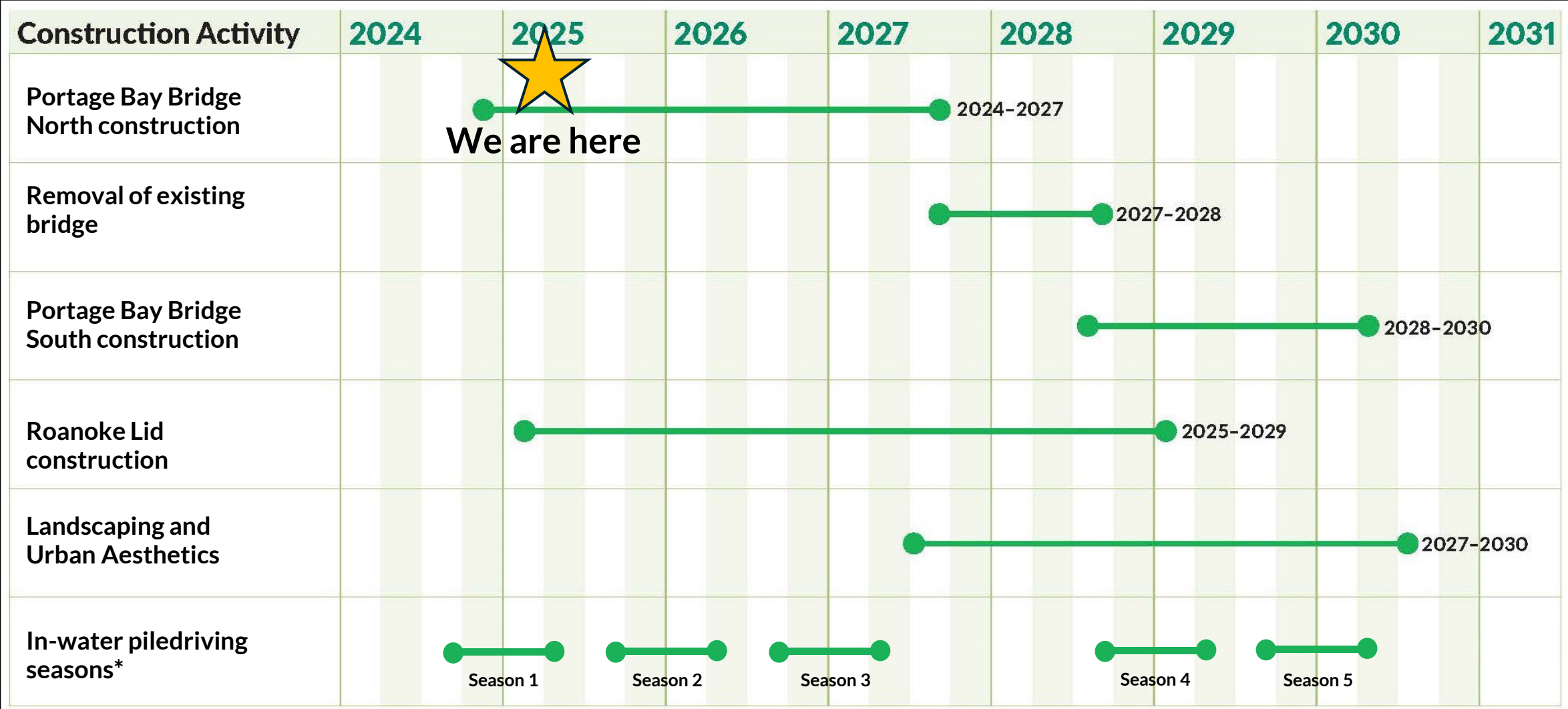


# Project map



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.

# Current activities



# Current construction activities

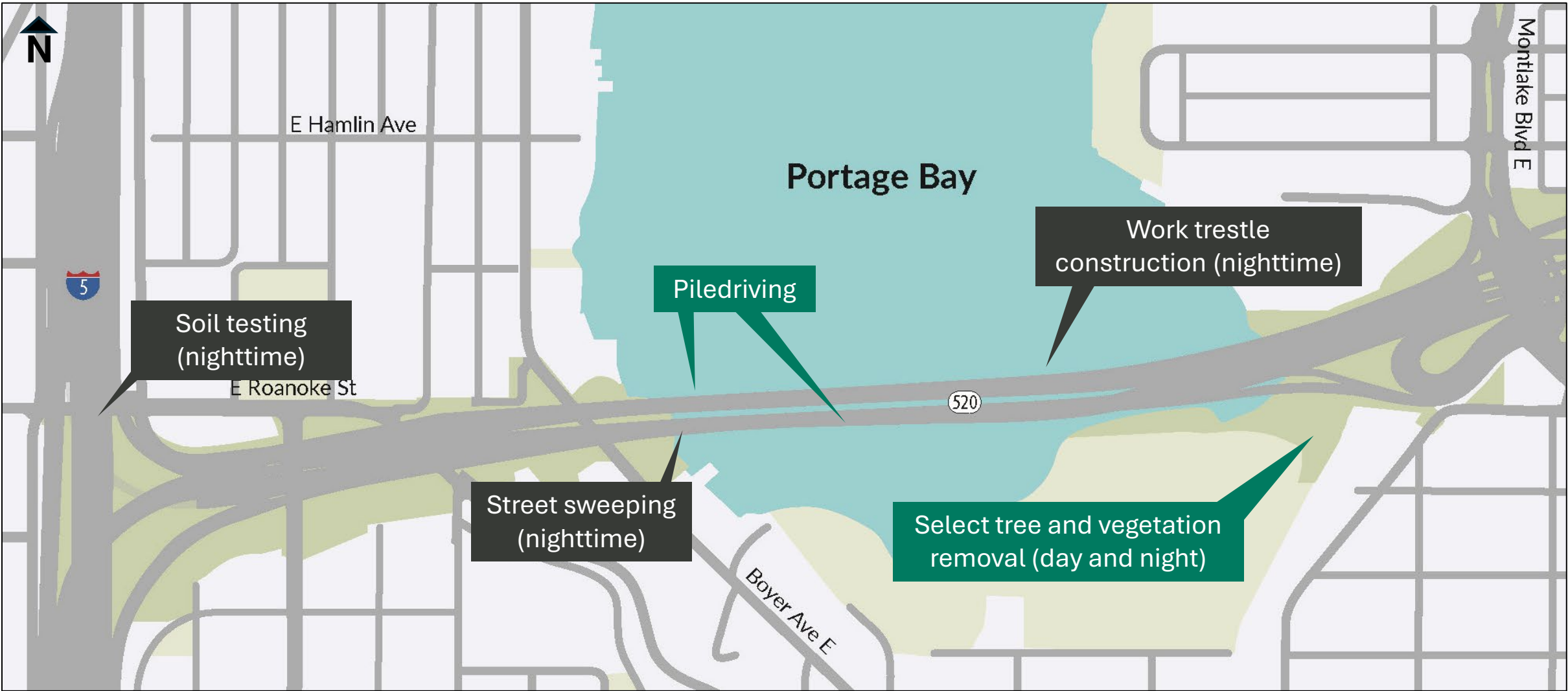
## In March, we are:

- Impact piledriving in Portage Bay during daytime hours, **including Saturday and Sunday**
- Removing select trees and vegetation near the Bill Dawson Trail and Montlake Boulevard
- Flagging Bill Dawson Trail users around work for short periods of time
- Installing acoustic fencing around select work areas
- Completing nighttime work under the MPPCNV\*, including:
  - Building the temporary work trestles
  - Tree removal near the Montlake lid
  - Bridge sweeping, installing erosion protection and utility inspections around SR 520
  - Potholing for utilities and soil conditions on I-5

### \*What is the MPPCNV?

In January, the city of Seattle granted a Major Public Project Construction Noise Variance (MPPCNV) that set limits for the allowable level of nighttime construction noise. This permit allows some construction activities at night without obtaining a temporary noise variance (TNV).

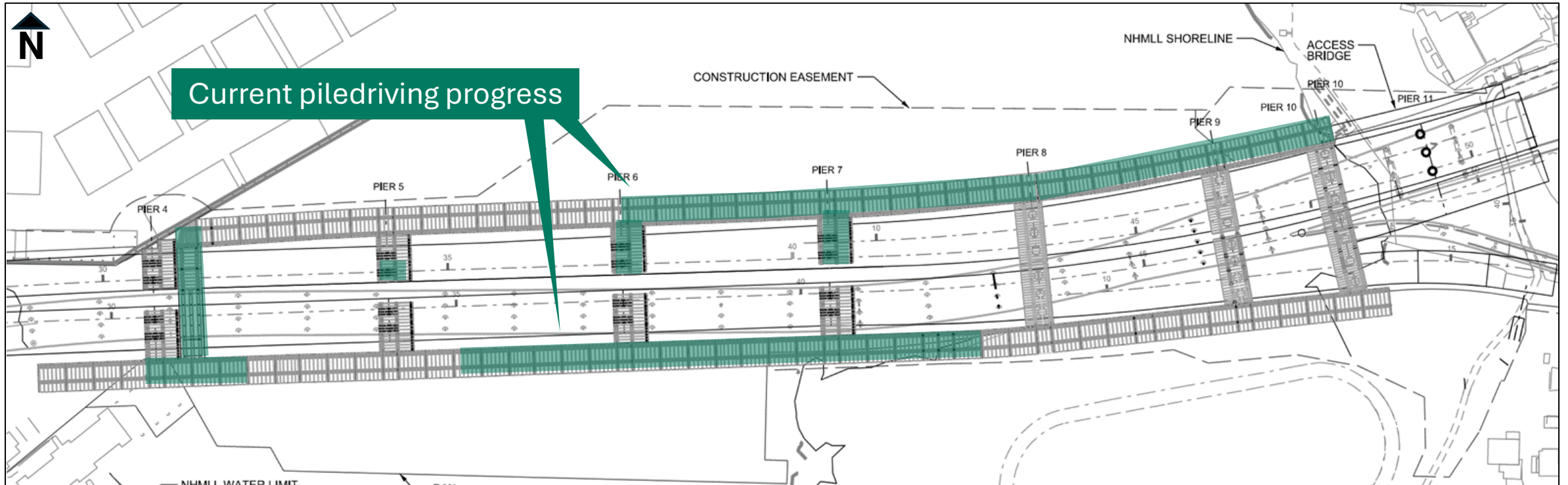
# Current construction activities



Map of current construction activities.

# Piledriving progress (March 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 driving piles seven days a week through April 2025.



Map showing the current progress on piledriving.



# Season 1 in-water impact work ends May 1

- The first season of in-water impact work will be completed by May 1 and impact piling will pause until the next season begins in September 2025.
- Between May and September 2025, you can expect crews to continue vibration piling and continue building elements for the temporary work trestle.
- Crews will conduct some impact piling on land near the Boyer Hillside later this year.



Image of the current in-water work barge.

# Impact vs. vibratory piling

- In **impact piling**, a hammer hits the top of a steel pile which sends a sharp sound into the air, water, and sediment.
- In **vibratory piling**, a pile is vibrated into the sediment rather than hammered, which produces a continuous sound.



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](https://SR520construction.com/portage-bay-project)

# Vibratory equipment changes

- Since November, crews have been using a vibratory hammer called an APE 200 to install piles in Portage Bay.
- On March 6, crews installed a test pile using a more powerful vibratory hammer called an APE 400.
- Crews will now use both the APE 200 and APE 400 to install piles.



Crews use a vibratory hammer to drive piles near the Montlake lid.

## What to expect with vibratory piling

Nearby neighbors may experience more vibrations when crews use the APE 400 hammer throughout the day. We monitor vibrations 24/7 throughout the project area. If vibrations exceed the allowable limits, crews are required to pause work, investigate the source of the exceedance and determine if a change in construction approach is needed or if work must stop.



# Traffic effects in late March and April

- Throughout March and April, crews are performing work at the following locations:
  - Nighttime sweeping along the existing Portage Bay Bridge
  - Installing erosion protection at the Montlake Boulevard on-ramp to eastbound SR 520
  - Potholing for utilities and soil conditions on I-5
- Expect lane closures and flagging in these areas.



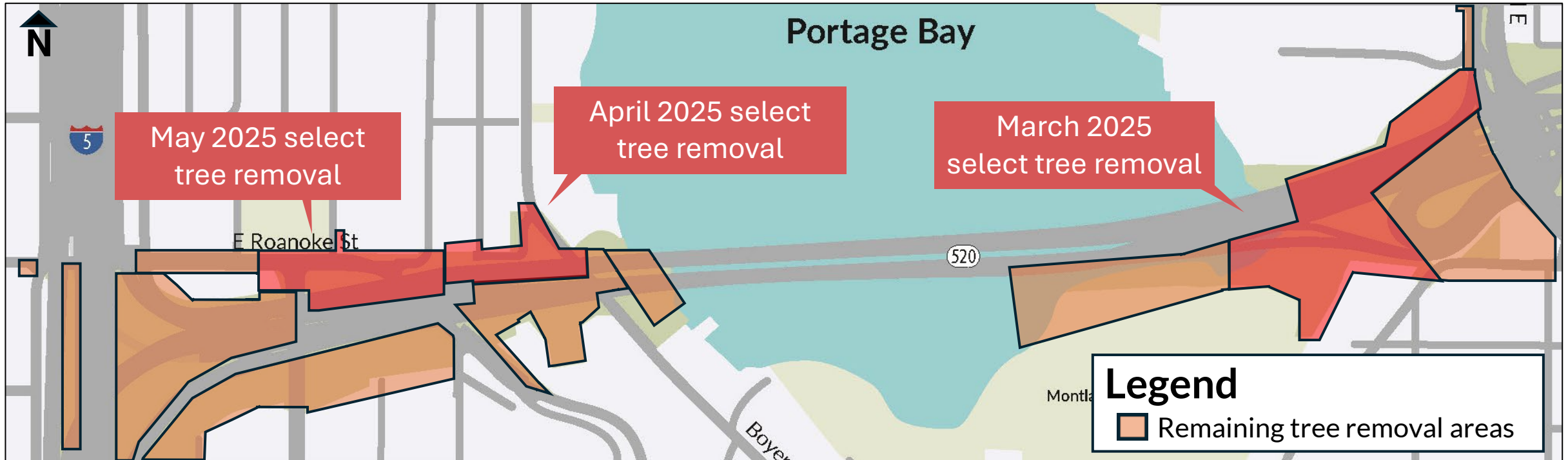
Recent weekend single-lane closures on SR 520.

## CONSTRUCTION CORNER WEBSITE

One-stop shop for traffic and construction information during the Portage Bay Bridge and Roanoke Lid Project.  
[sr520construction.com](http://sr520construction.com)

# Tree removal schedule

- Tree removal is scheduled to begin in late 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 in Montlake

- Crews have started removing shrubs and vegetation near the Bill Dawson Trail
- Some trees directly next to SR 520 need to be removed
- Crews will work at night to maintain safety for our crews and travelers on SR 520
- A lane of the Montlake Boulevard on-ramp to eastbound SR 520 will be closed at night



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

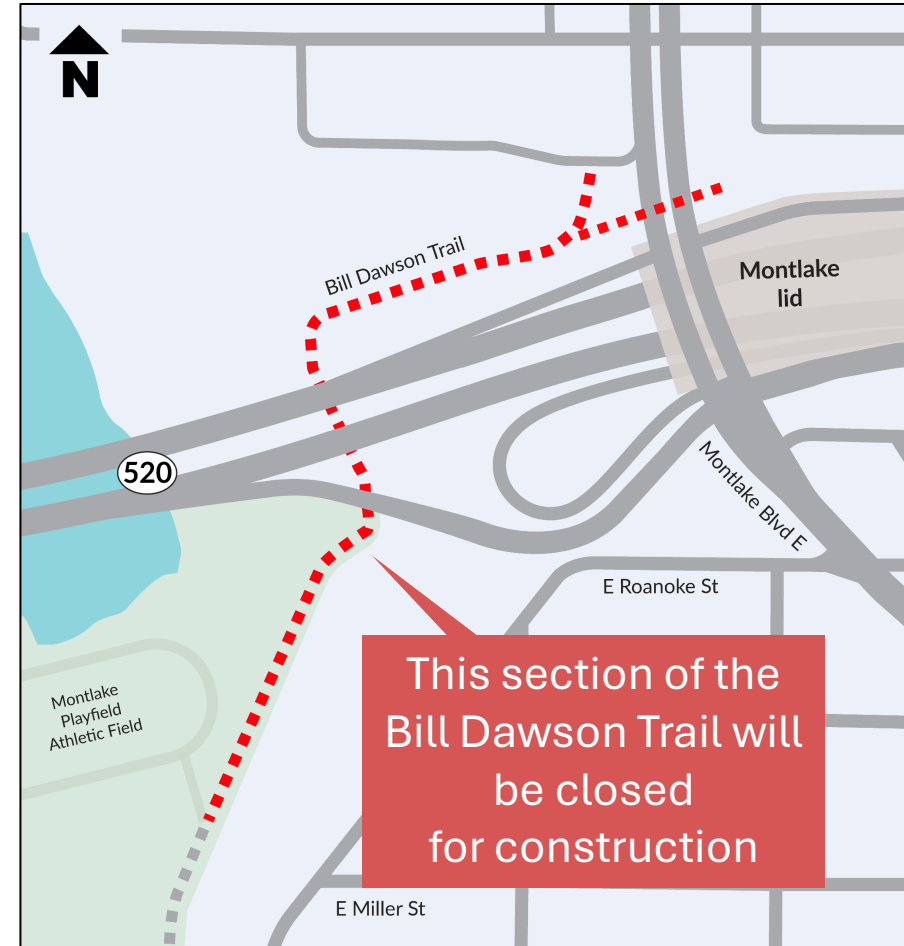
## REMOVING TREES AT NIGHT

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.



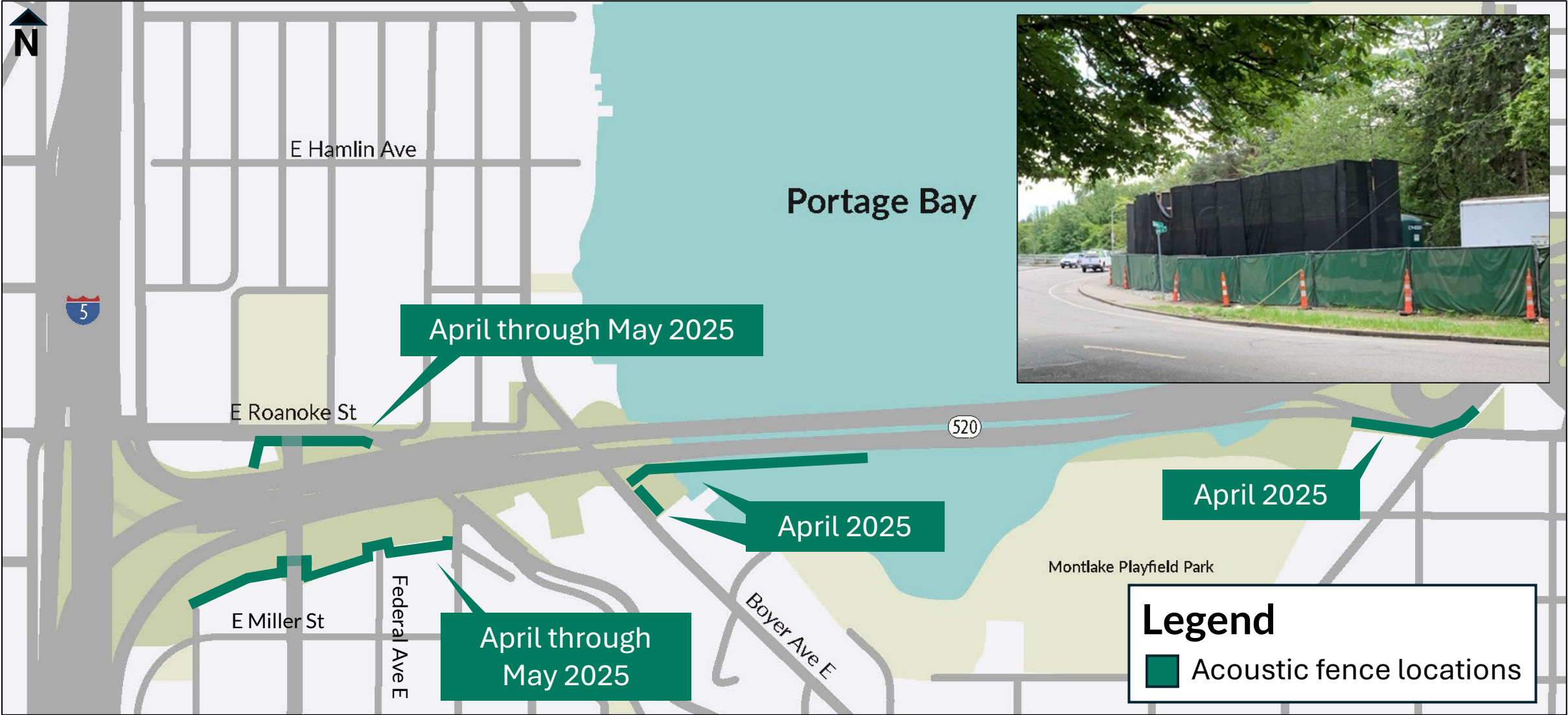
# Short-term Bill Dawson Trail closures

- Crews will periodically close the Bill Dawson Trail in late March and April 2025 for tree removal and equipment staging.
- Expect daytime flagging operations weekdays from March 19 through April 11
- Later in April, there will be 1–3-day trail closures. We will post advanced notice on the SR 520 Construction Corner.
- We will post signed detour routes around the work.



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

# Acoustic fence installation schedule



Map of acoustic fence locations and estimated installation dates in the project area.

# Ongoing nighttime work



# March 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.\*

*\* Impact pile driving will be limited to 8 a.m. to 5 p.m. weekdays and 9 a.m. to 5 p.m. weekends and legal holidays*



# Temporary work trestle



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

# Stay up to date with nighttime construction

To stay informed on our ongoing nighttime construction activities, please:

- Continue attending our monthly construction meetings.
- Sign up for *Rest of the West* listserv email updates.

As a reminder, we will always notify nearby neighbors in advance if we need to obtain a temporary noise variance (TNV) for our nighttime construction.

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

[bit.ly/520email](https://bit.ly/520email)



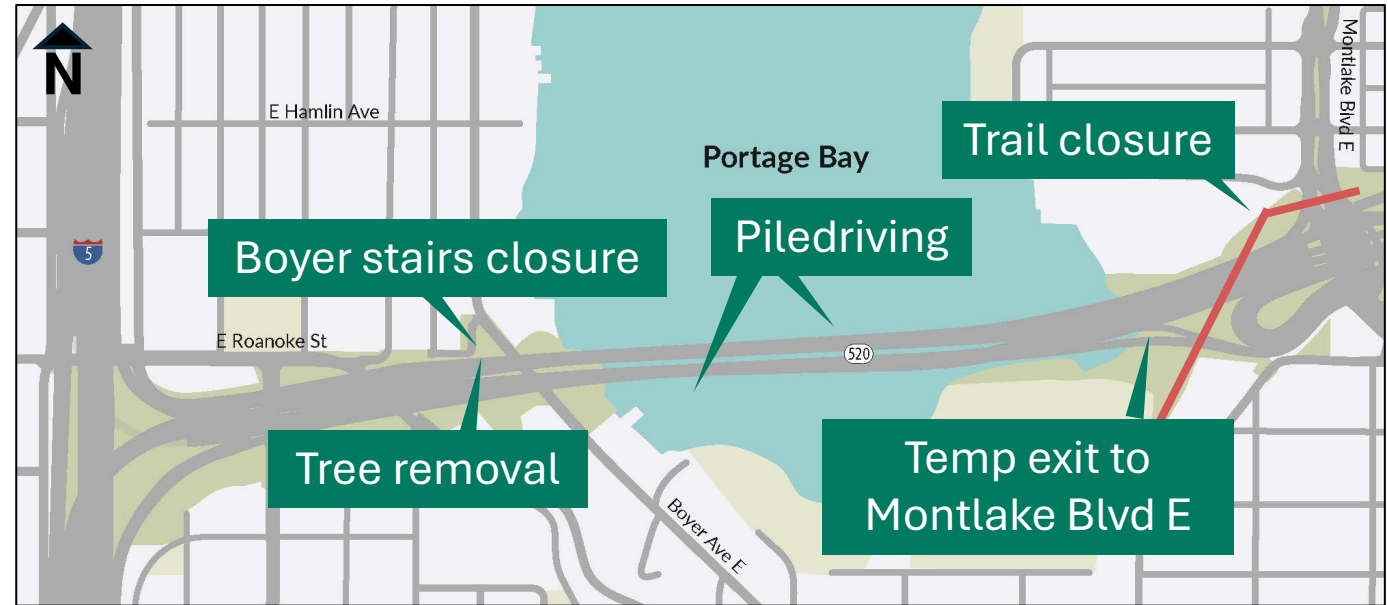


# Short-term lookahead (April-May)

# Construction lookahead

## In April and May, we will:

- April 2025:
  - Continue in-water impact piling\*
  - Close the Boyer Stairs for utility work
  - Continue short-term Bill Dawson Trail closures
  - Continue acoustic fence installation
- May 2025:
  - Complete Season 1 of in-water work\*
  - Continue tree and vegetation removal in the Roanoke area
  - Start a long-term Bill Dawson Trail closure
  - Begin building temporary eastbound SR 520 exit to Montlake Boulevard



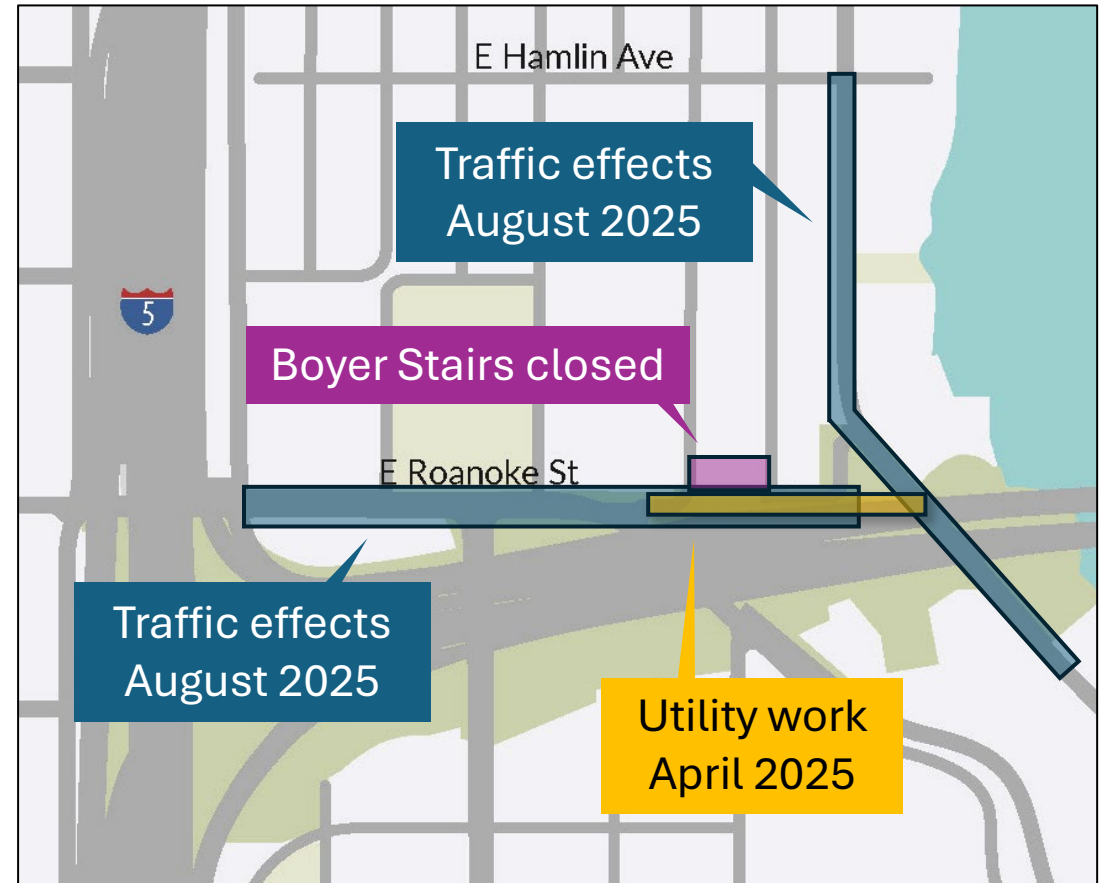
Project area map.

***\*Reminder: Season 1 for in-water impact piling ends April 30, 2025***

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

# Utility work near Roanoke Park

- Utility work on a watermain along East Roanoke Street is scheduled to begin in April 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 April 2025 **for up to five years.**



Map of the Roanoke Park and Portage Bay neighborhoods.



# Long-term Bill Dawson Trail closure

- This spring, 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.
- We will share the official closure date in advance via our email updates and by posting signs along the trail.



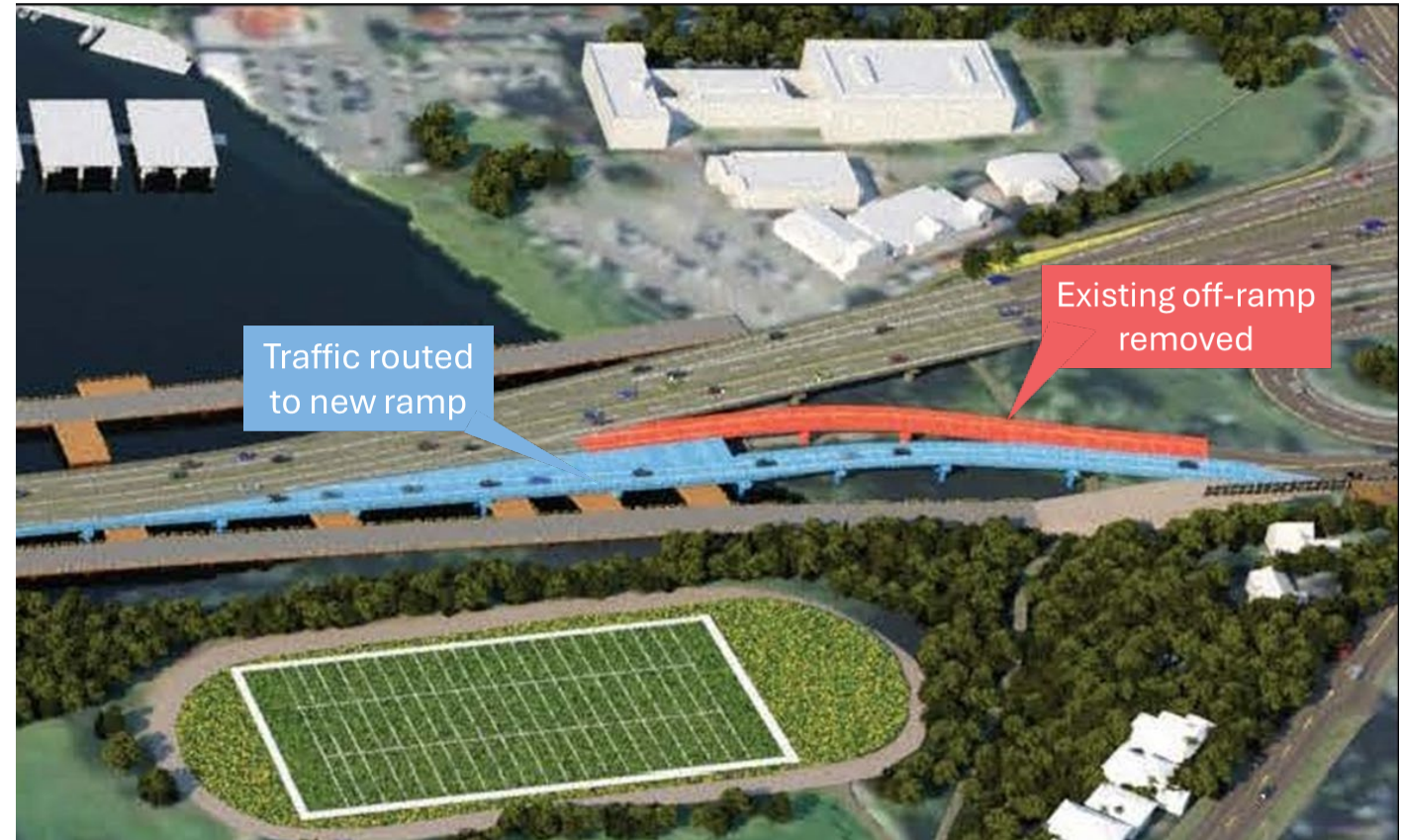
A detour map for the trail closure.

## 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.

# 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

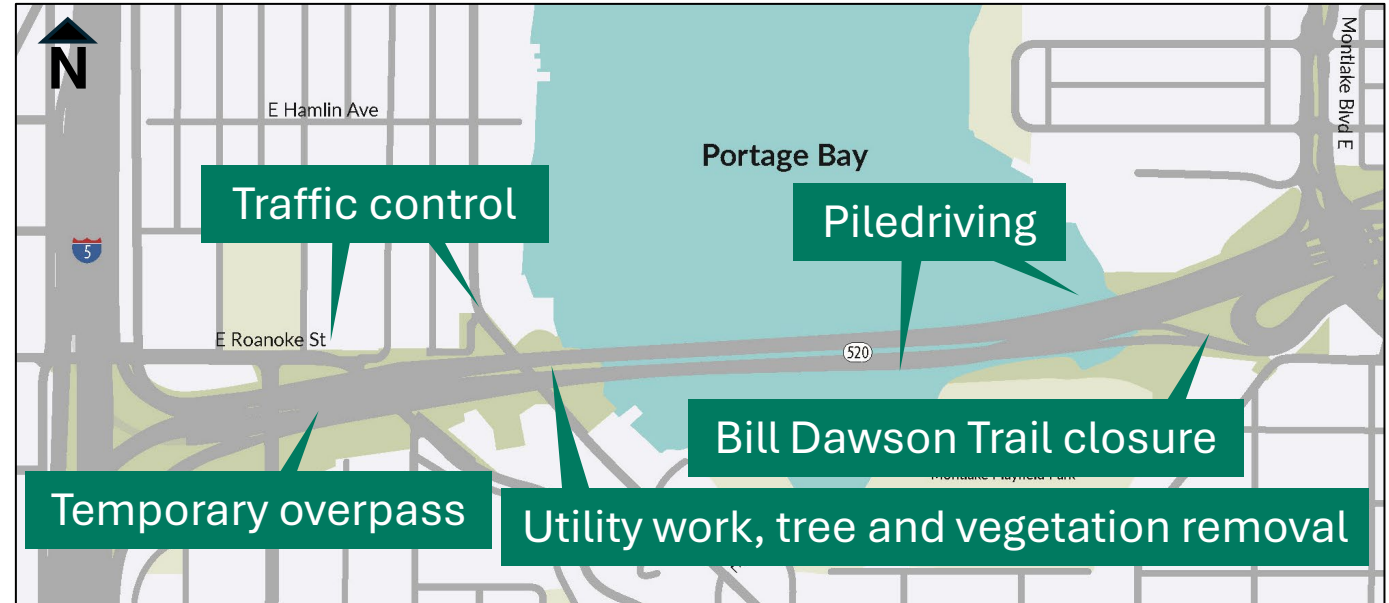
# Long-term lookahead (2025)



# 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

One-stop shop for construction information during the Portage Bay Bridge and Roanoke Lid project.

**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

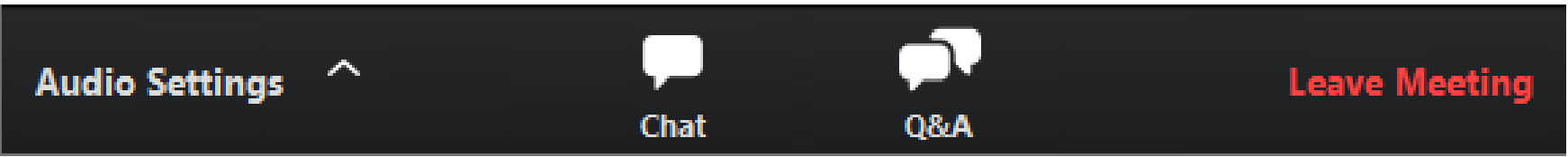
Attend our open houses and monthly construction meetings. Sign up for email updates to receive invitations to the meetings.



**Thank you!**

# Comments and questions

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



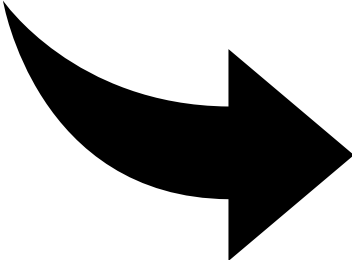
**CHAT** is disabled during the presentation. Please communicate with the team through the **Q&A window**.



# Meeting recordings

Want to review this meeting again? Visit the Construction Corner to find meeting materials and recordings.

Remember to scroll down to the bottom of the page!



Washington State Department of Transportation

SR 520 Program News Good To Go!

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Construction Map Program Construction Projects Contact Us Outreach & Events

## 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

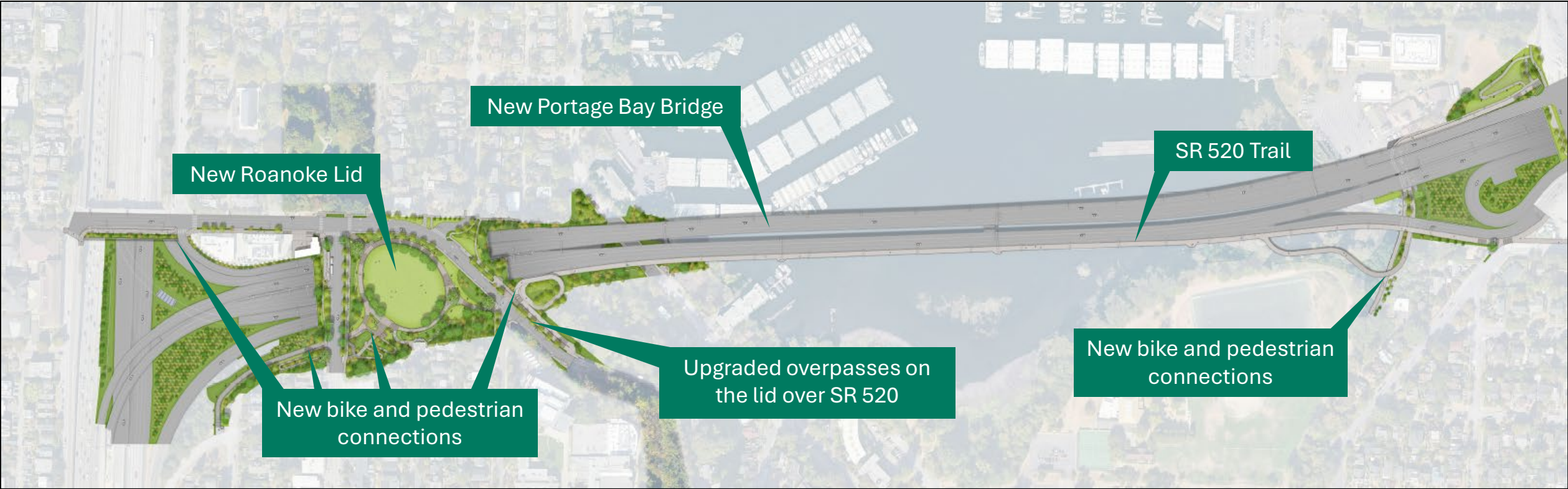
We strive to keep the public informed about our project construction activities and effects. We do this through regular public meetings, neighborhood FAQs, community events, and digital communications.

**Public meetings**

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

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

# Project map



Map of major project elements.