

Portage Bay Bridge and Roanoke Lid

December 2024 Construction Meeting

December 12, 2024

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
- Caz VanDevere and Dakota Lind, Webinar Support

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

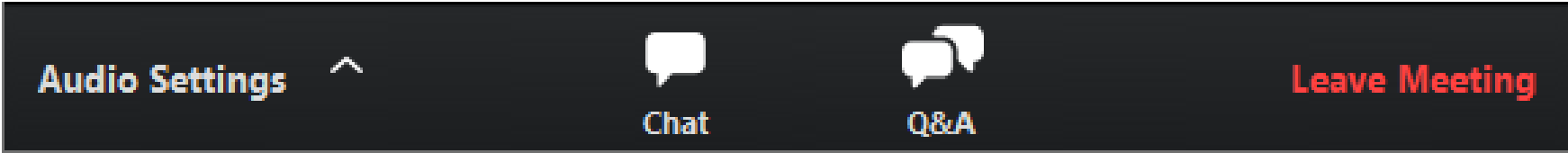
Get weekly updates about current and upcoming construction activities straight to your inbox.



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 construction
- Upcoming work
- Work being planned
- How to stay informed
- Q&A session



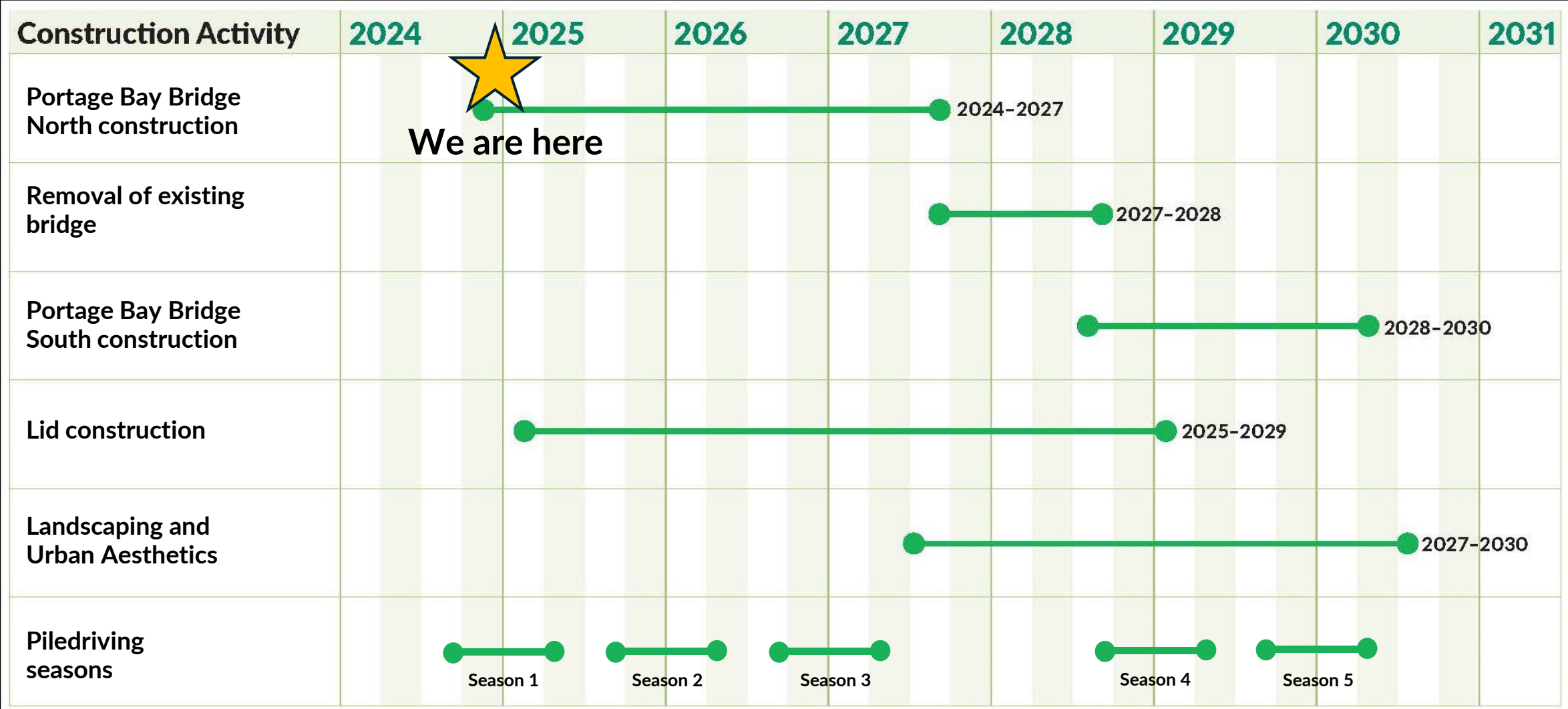
Conceptual rendering of the new Portage Bay Bridge.

Project map



Map of major project elements.

Project schedule

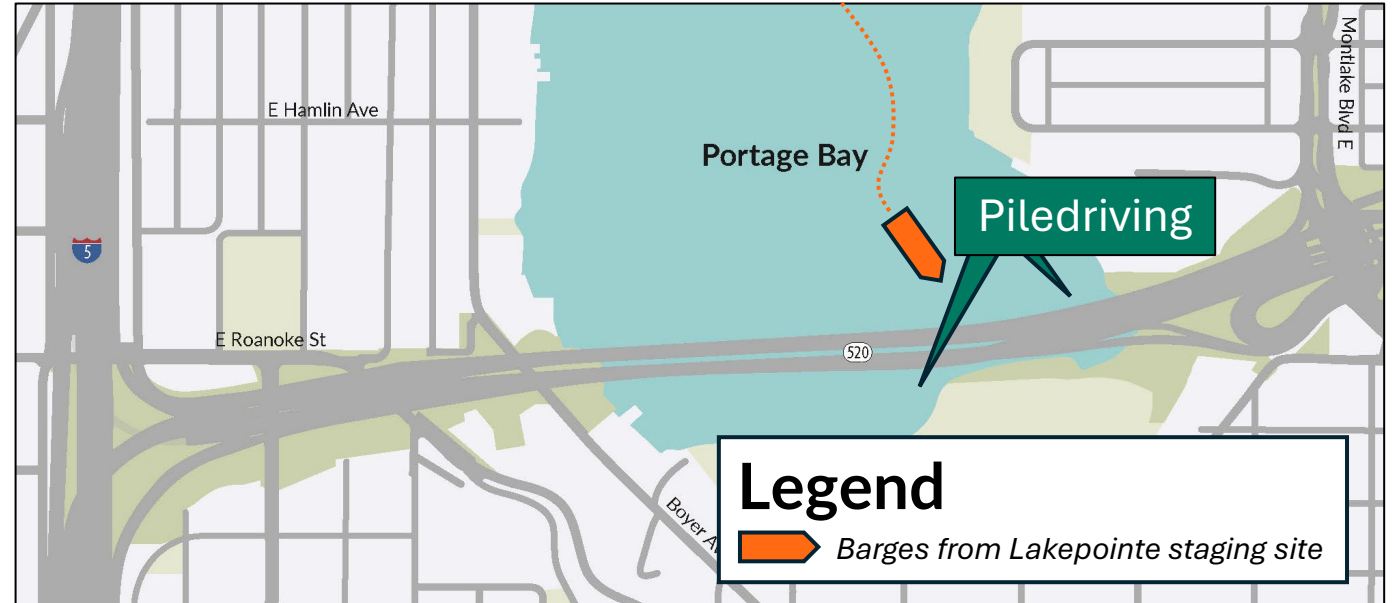


Note: Piledriving seasons will occur annually from September through April. Vibration and other construction activities will occur year-round.

Current construction activities

In December, we will:

- Continue impact piledriving in Portage Bay
- Continue using barges for hauling and building the work trestle

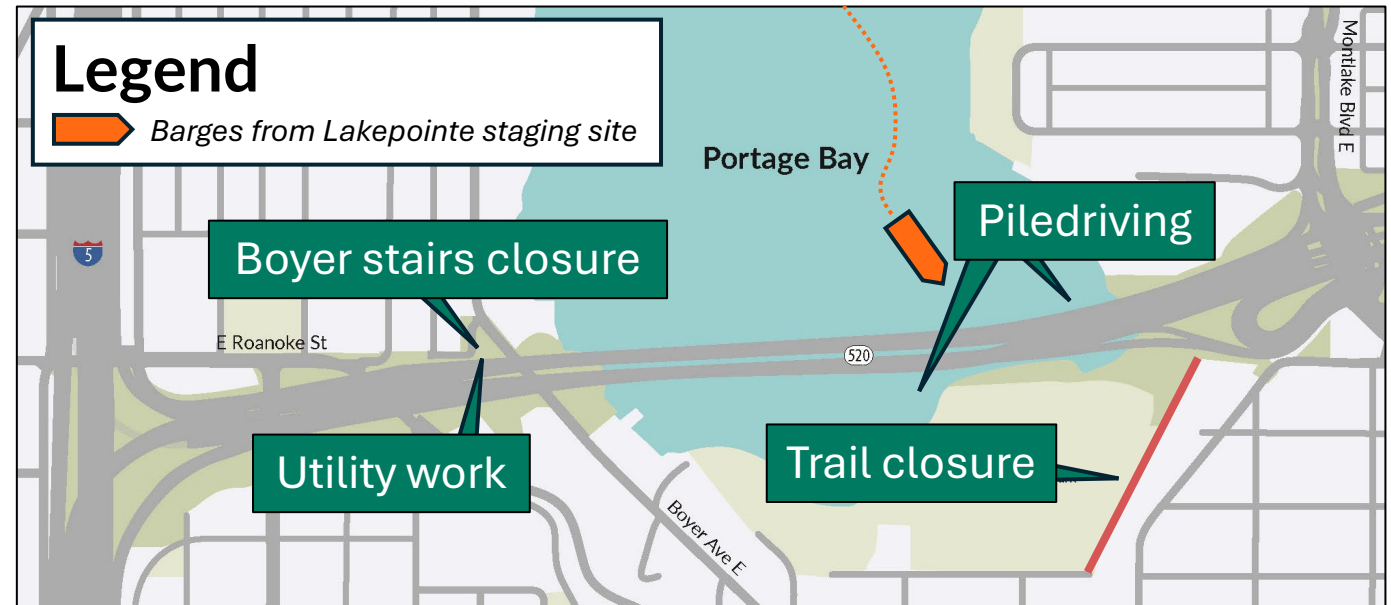


Project area map.

Upcoming construction activities

Over the next three months, we will:

- In February 2025:
 - Begin tree and vegetation removals in Montlake area
 - Begin short-term Bill Dawson Trail closures
 - Begin acoustic fence installation
- Continue impact piledriving*



Project area map.

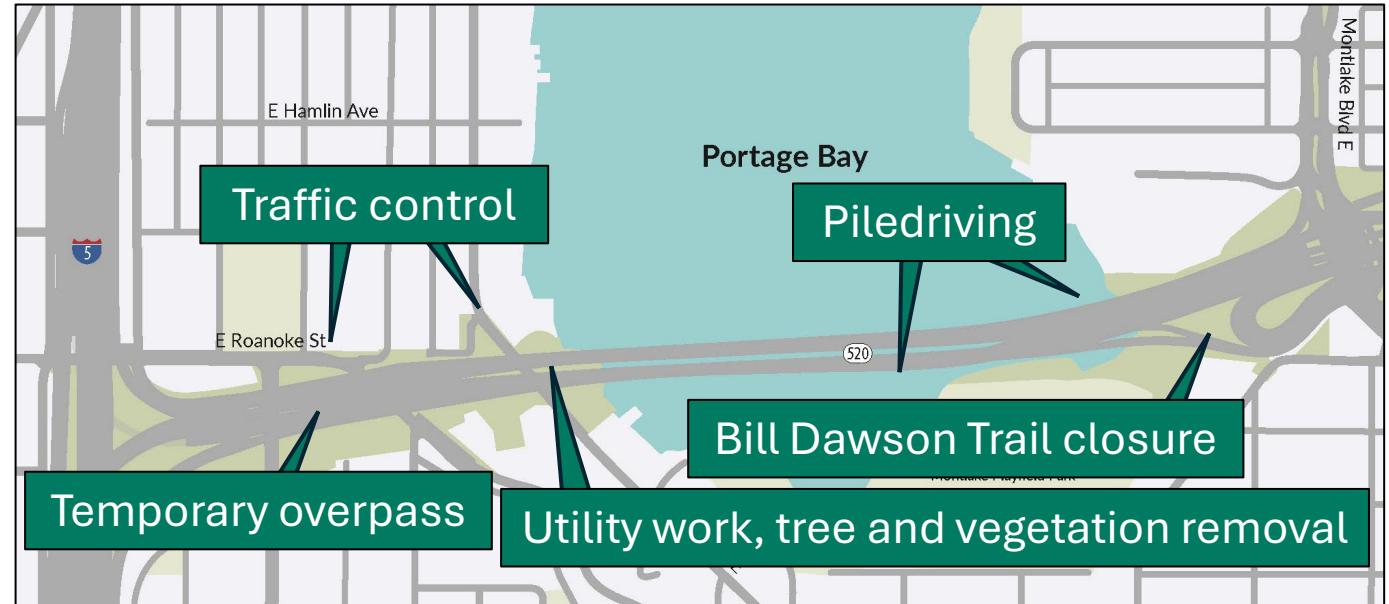
***Reminder: Season 1 for in-water impact piledriving continues through April 2025**

While we will stop using an impact hammer to install piles into Portage Bay in April 2025, crews will continue vibrating piles after Season 1 ends. The next season for in-water impact piledriving will begin in September 2025.

Work being planned

Into next year, we will:

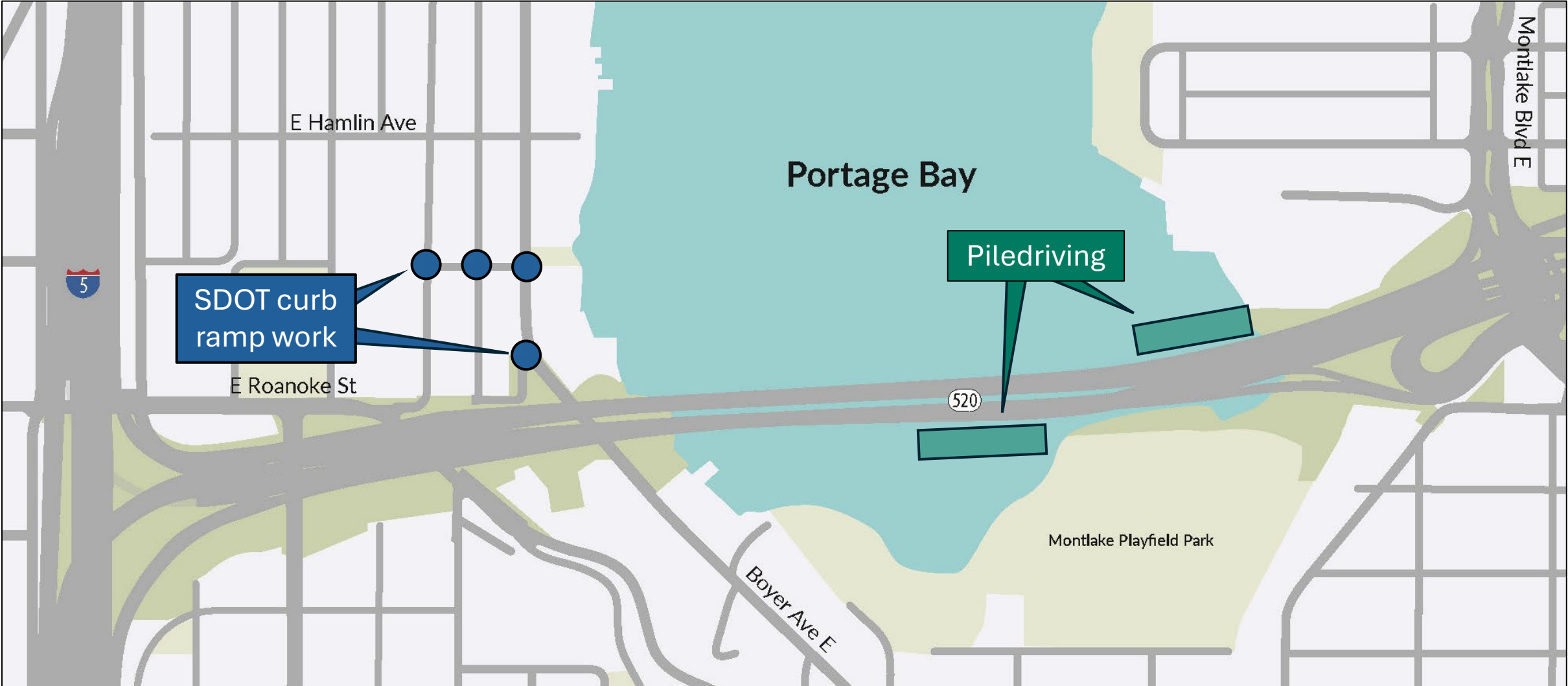
- Continue impact pile driving through April 2025
- Finalize design of the temporary overpass near 10th Avenue East and Delmar Drive East
- Continue refining detours for people walking, rolling or biking in the Montlake and Roanoke neighborhoods



Project area map.

Current work

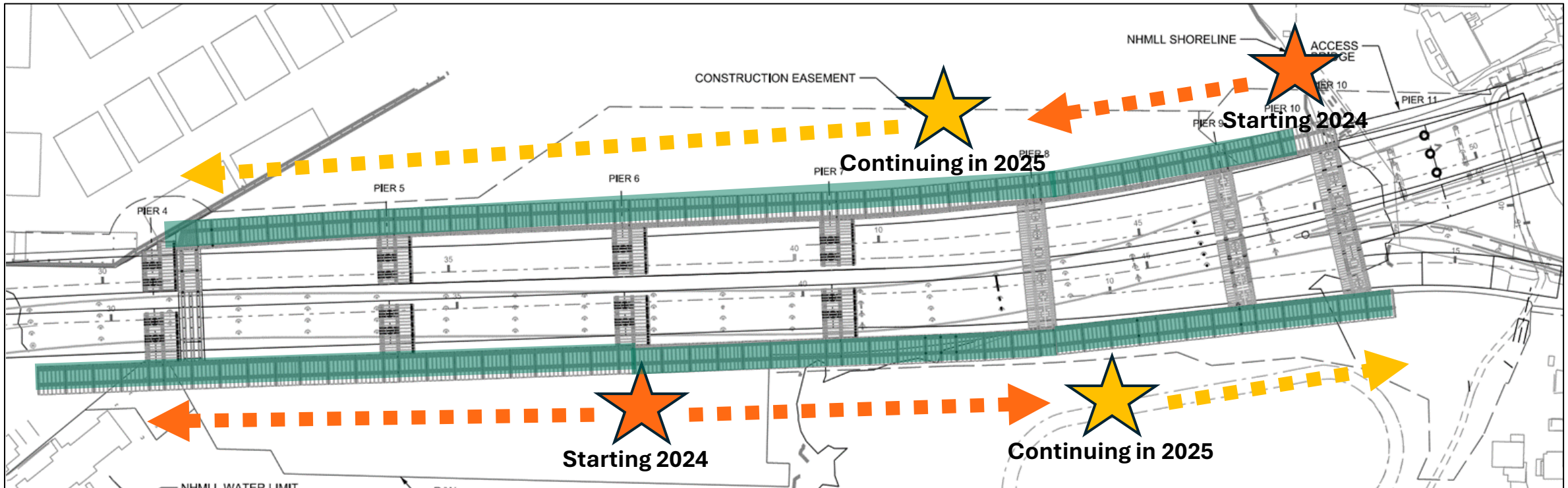
Current construction activities (December 2024)



Map of current construction activities.

Piledriving continues (Season 1)

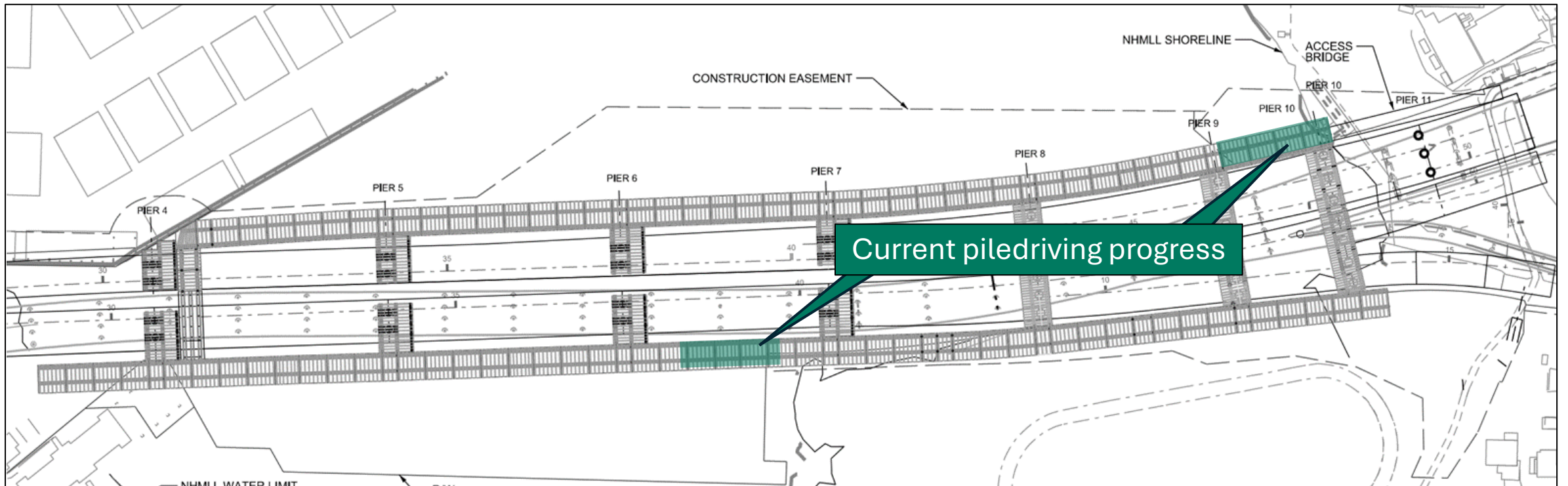
- Crews are installing piles to build the temporary work trestle.
- Crews will install around 700 piles over the lifetime of the project.
- As piles are installed, crews will begin building the platform for the work trestle.



Map showing locations of upcoming piledriving work between November 2024 and April 2025.

Piledriving progress (December 2024)

- We are installing between two and eight piles each day.
- We have started working in the green sections below.
- More piles will be installed per day as crews streamline installation processes.



Map showing the current progress on piledriving.

Reminder: impact piledriving

- Impact piledriving in Portage Bay will occur in “seasons” each year from September through April, six days per week.
- This is the first of six impact piledriving “seasons” for the project.
- Some piledriving on land will occur year-round.
- Expect loud noise and vibrations from impact work:
 - Monday through Friday - 7 a.m. to 10 p.m.
 - Saturdays - 9 a.m. to 10 p.m.
 - Some Sundays - 9 a.m. to 10 p.m.



The barge used for piledriving in Portage Bay.

Learn more about noise mitigation programs

If you are impacted by noise, WSDOT has programs available to help with mitigation. Email the project inbox at sr520bridge@wsdot.wa.gov for more information.

Reminder: vibratory piling

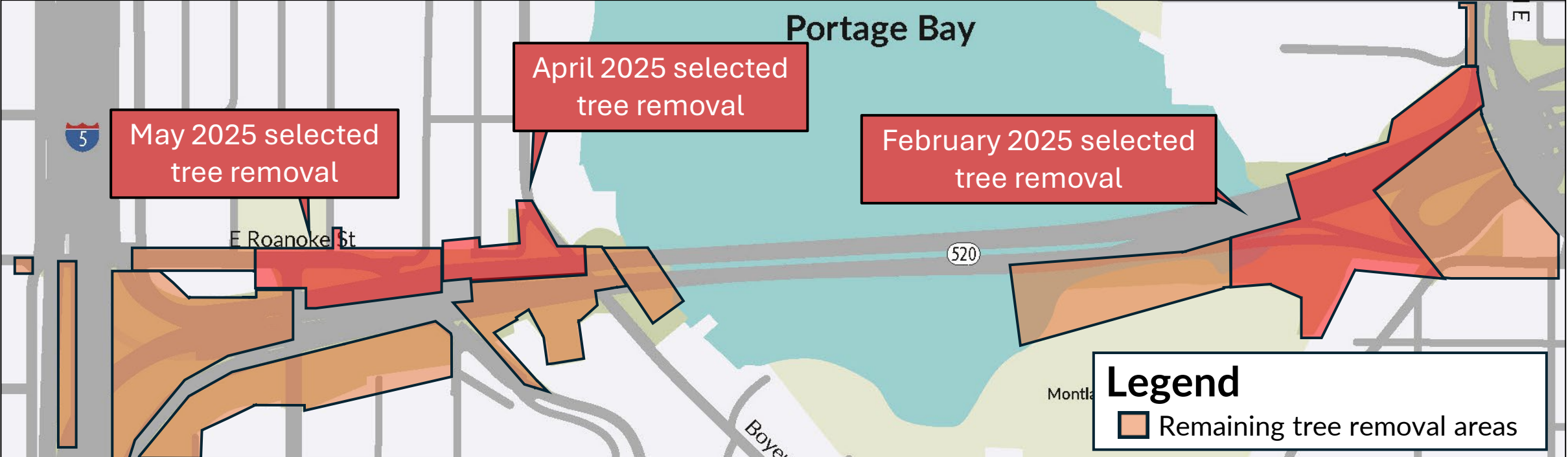
- Vibratory piling will occur year-round.
- Vibratory piling uses vibratory hammers that cause less noise than impact piling, though they still cause vibration.
- We will use both vibratory and impact piling to place most of the piles.
- Expect loud noise and vibrations from this work. We may work some nights.
 - Monday through Friday - 7 a.m. to 10 p.m.
 - Saturdays - 9 a.m. to 10 p.m.
 - Some Sundays - 9 a.m. to 10 p.m.



A vibratory hammer used during construction of the SR 520 Floating Bridge.

Tree removal schedule update

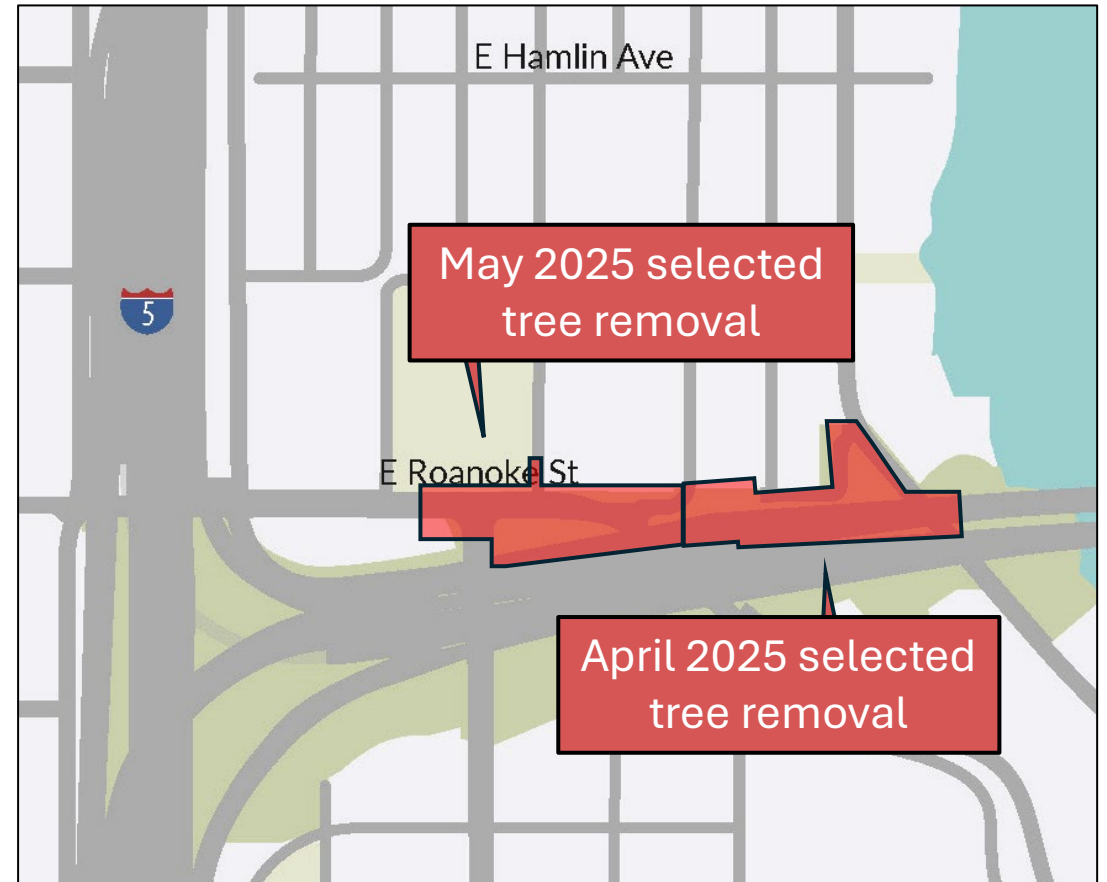
- We now expect to begin the first tree and vegetation removal in Montlake as early as February 2025.
- We will post tree removal notices at least 30 days in advance.



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

Updated tree removal schedule in Roanoke

- Tree removals near Boyer are now scheduled for April 2025.
- Tree removal near Boyer is being rescheduled to start more closely to utility work in the area.
- This allows us to better mitigate noise and environmental impacts like erosion.



Map of the Roanoke Park and Portage Bay neighborhoods

Stay updated on construction

Do you live in the Boyer Hillside area? Make sure we have your contact information by sending us an email at sr520bridge@wsdot.wa.gov.

Holiday work schedule

- There will be a modified work schedule during the winter holidays.
- Crews will not work on:
 - Christmas Day (12/25)
 - New Year's Day (1/1)
 - Sundays after Christmas and New Year's Eve (12/19 and 1/5)
- Crews will continue their normal work schedule on other days during the holidays:
 - Monday through Friday - 7 a.m. to 10 p.m.
 - Saturdays - 9 a.m. to 10 p.m.

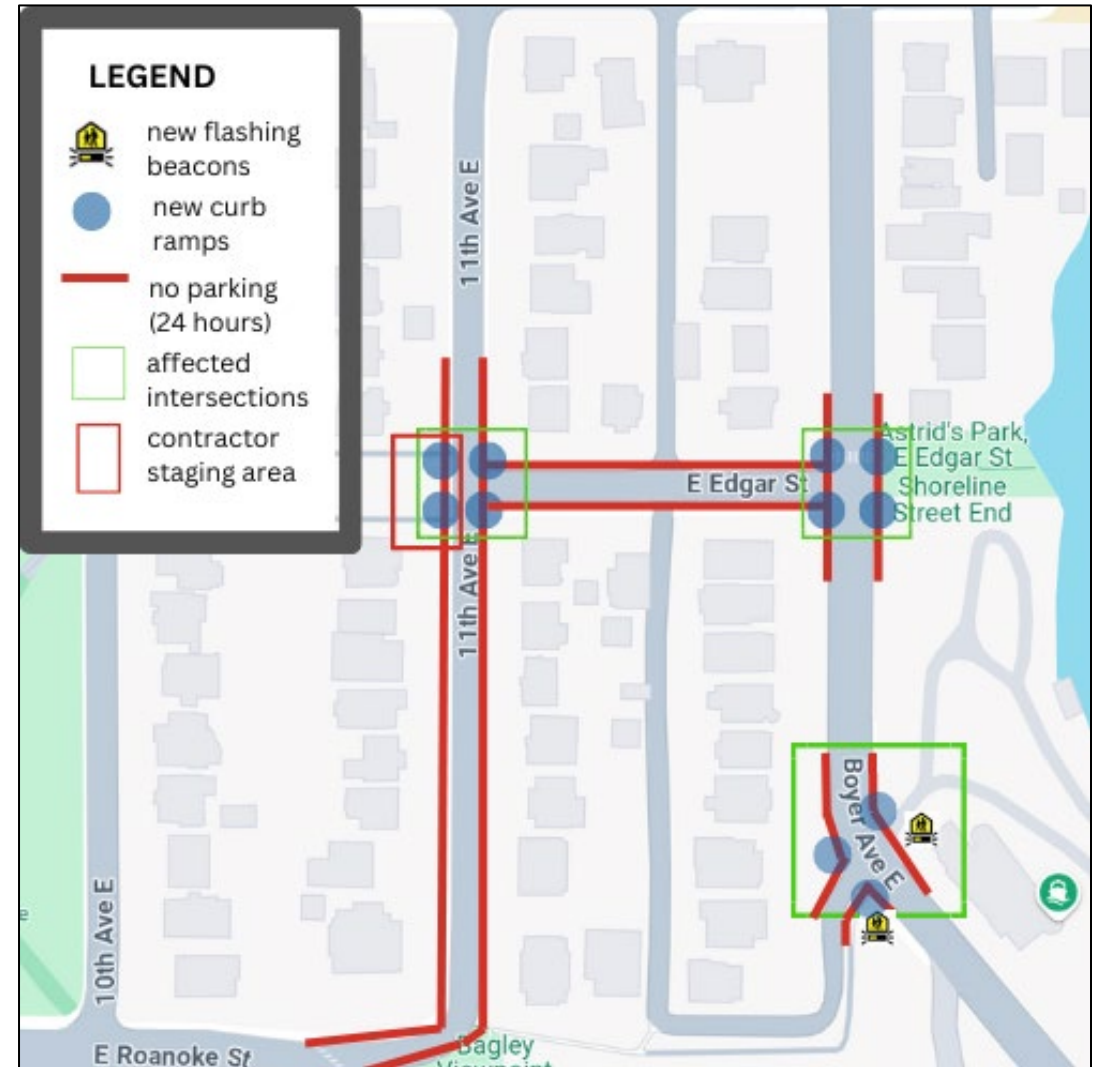


Nearby construction projects

Reminder: SDOT curb ramp & sidewalk work

- In November, the Seattle Department of Transportation began upgrading some sidewalks, curb ramps and pedestrian crossings in the Portage Bay neighborhood.
- For questions and information, contact:

Matthew Howard
Communications and Outreach Lead
(206) 775-8723
TOUPCurbRamps@seattle.gov

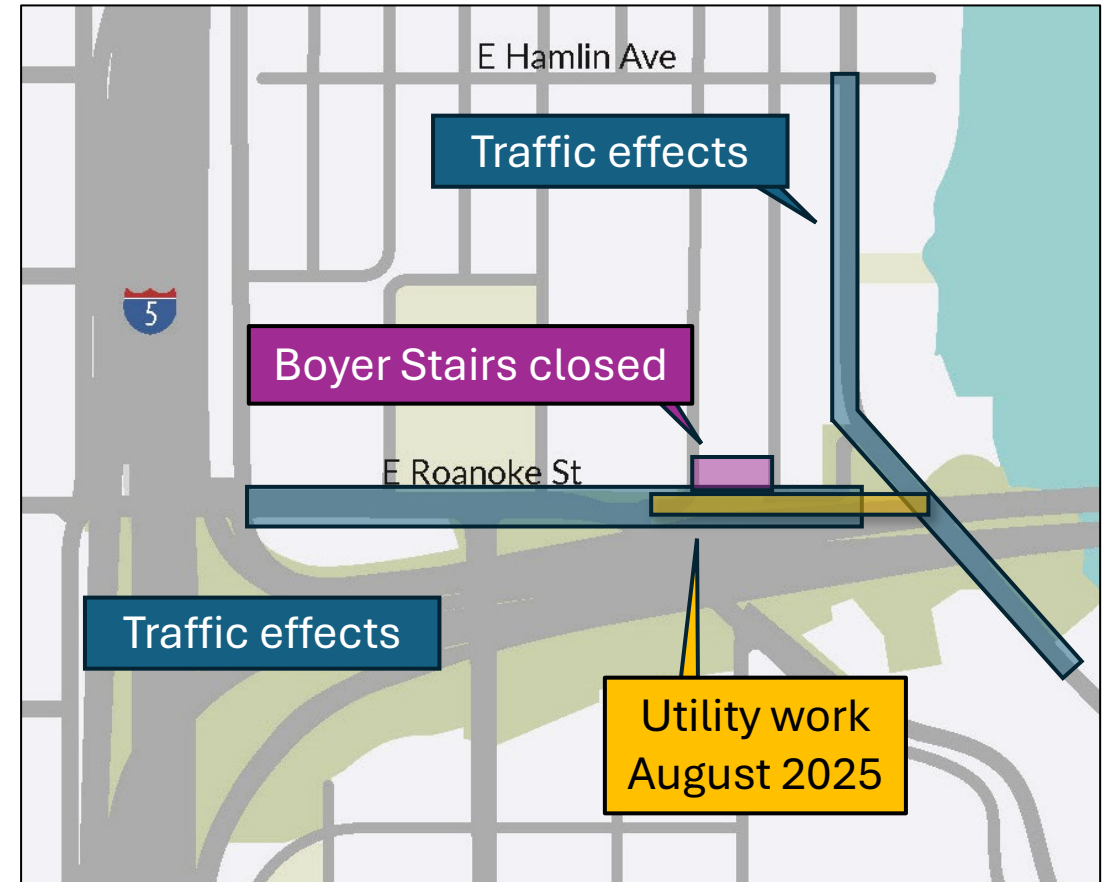


Map of the curb ramp upgrades (Photo/SDOT)

Upcoming work

Updated utility work schedule

- Utility work is now scheduled to begin in August 2025.
- The Boyer stairs are scheduled to be closed in April 2025 **for up to five years**.
- We have adjusted this scheduled so other construction elements can be built before utility work begins, such as installing walls on the hillside.



Map of the Roanoke Park and Portage Bay neighborhoods

Mitigating noise with acoustic fences

- Beginning in February 2025, crews will begin installing acoustic fences in areas around the project.
- Acoustic fences reduce the impact of construction noises for nearby neighbors.
- We will install acoustic fences through April 2025.

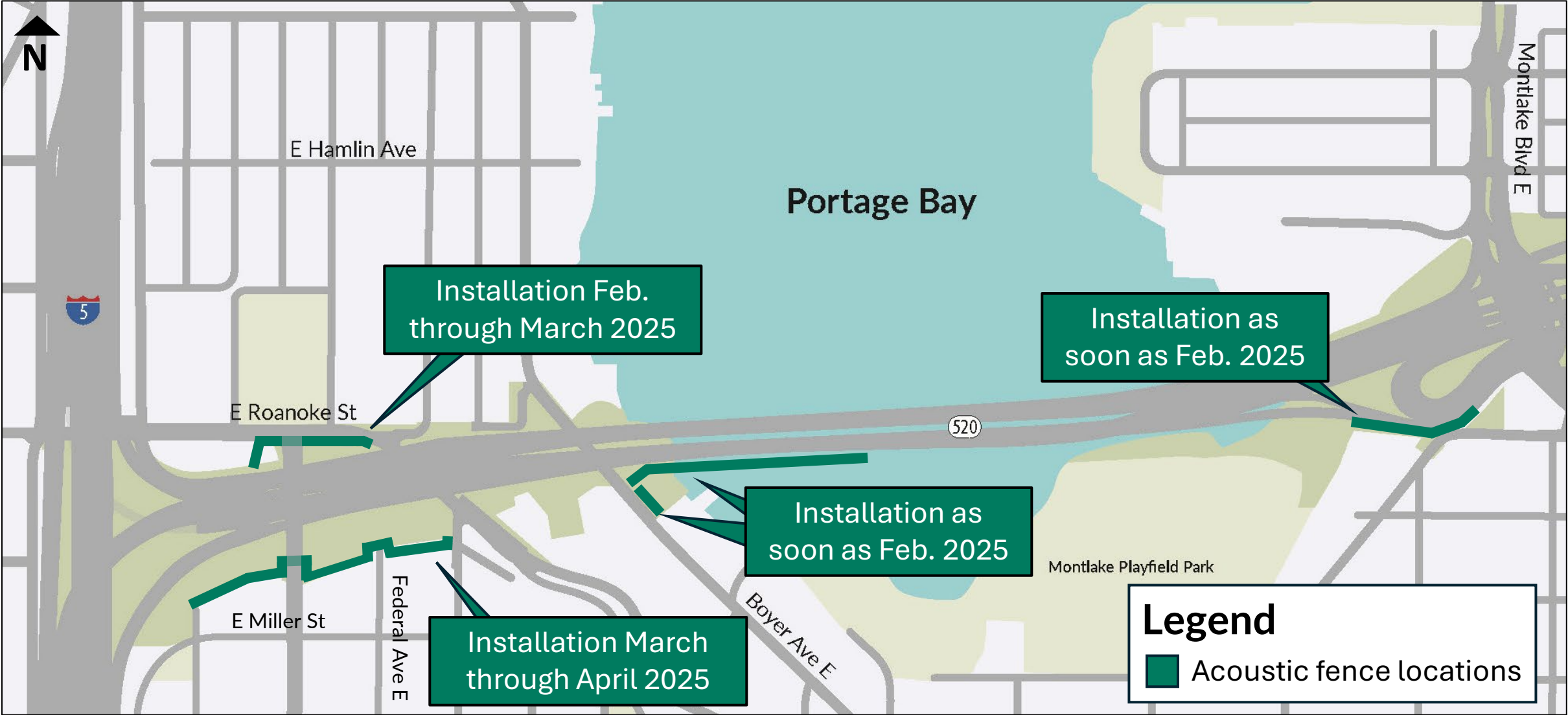
Reducing noise in your neighborhood

The Acoustifence® is a highly effective way to reduce noise from construction sites. This specific type of fence is used on many construction projects.



Photo of an Acoustifence®, a common type of acoustic fence.

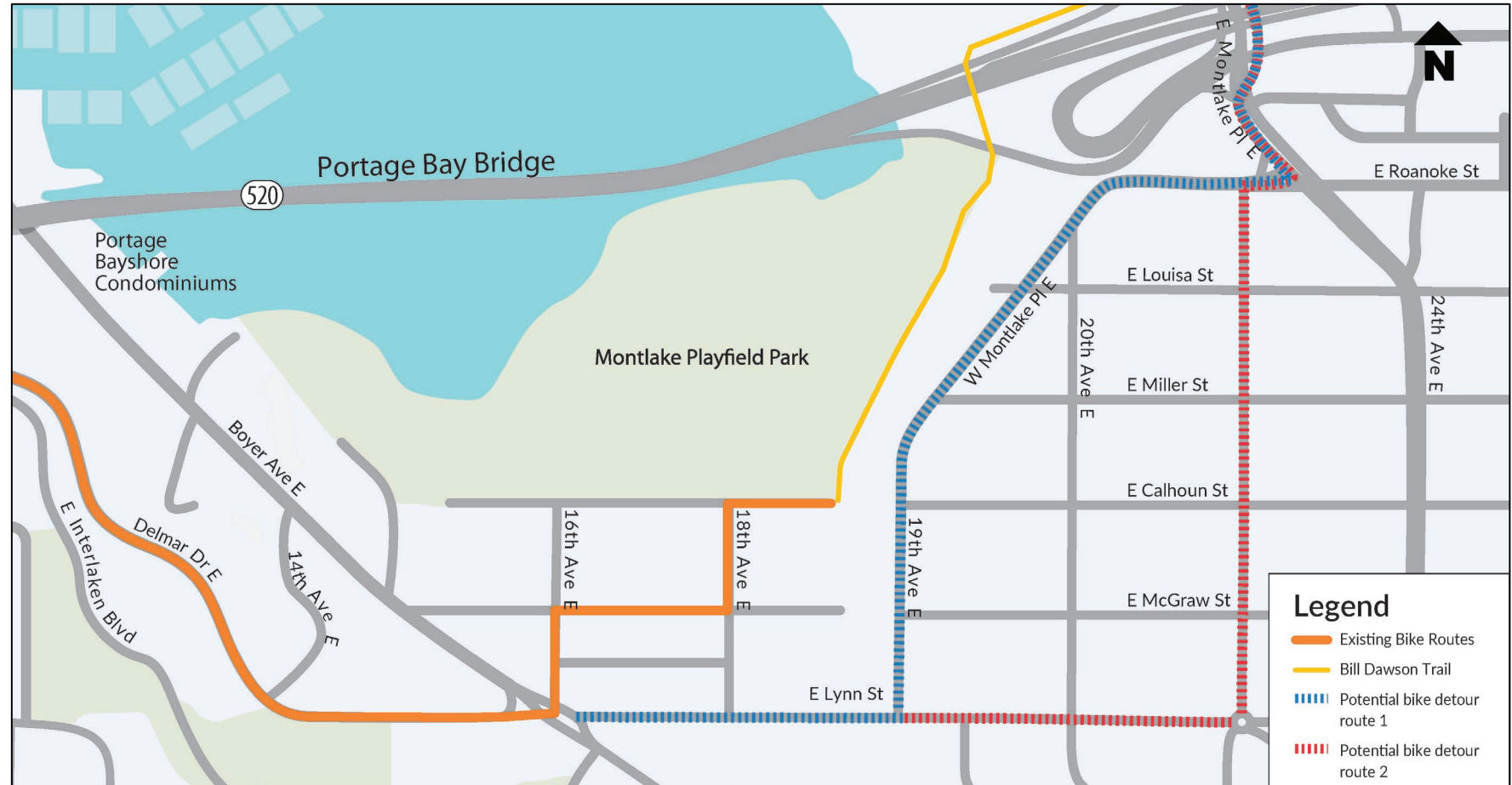
Acoustic fence map



Map of acoustic fencing locations in the project area.

Reminder: Bill Dawson Trail closures

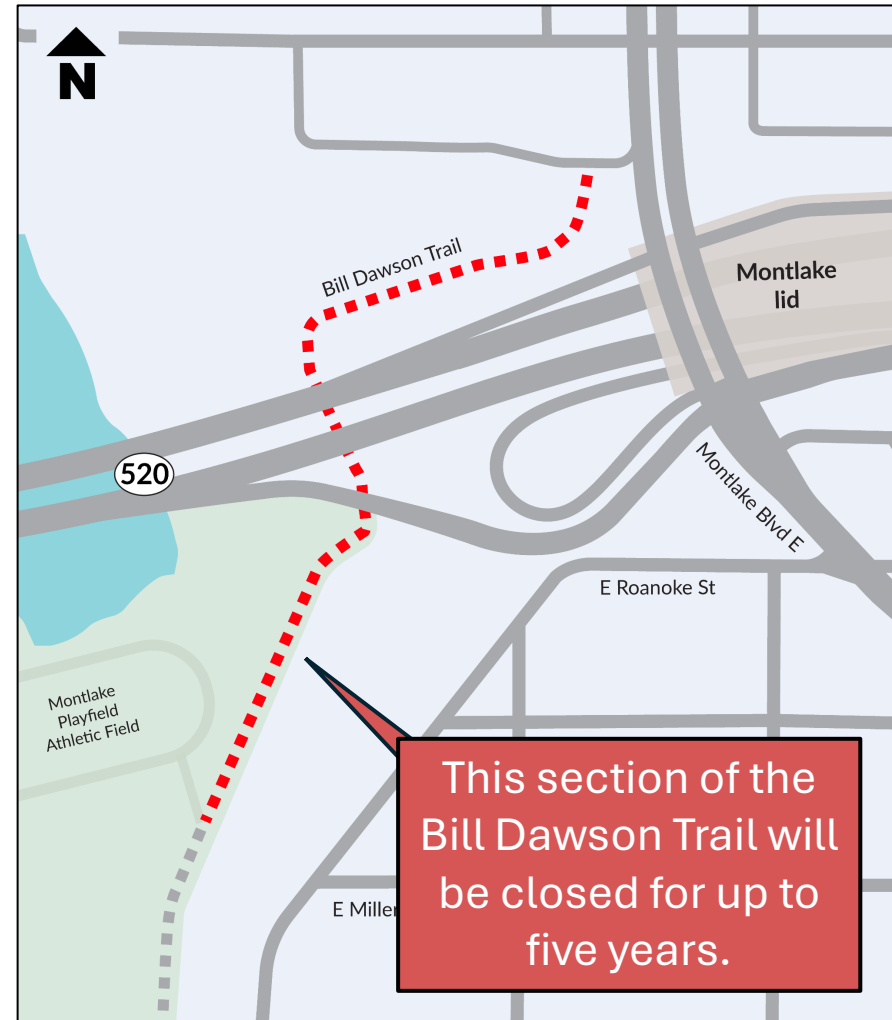
- **Closing the Bill Dawson Trail:** The trail will close periodically throughout early 2025 for tree removal and equipment staging.
- **Finalizing detours:** We are continuing to work with Seattle Parks and SDOT to develop clear detour routes.



A map of an example detour for the trail closure.

Reminder: Bill Dawson Trail closures

- As early as spring 2025, we will close the Bill Dawson Trail between Montlake Boulevard and the Montlake Playfield for **up to five years**.
- We will use a section of the trail to access our work zone in Portage Bay.

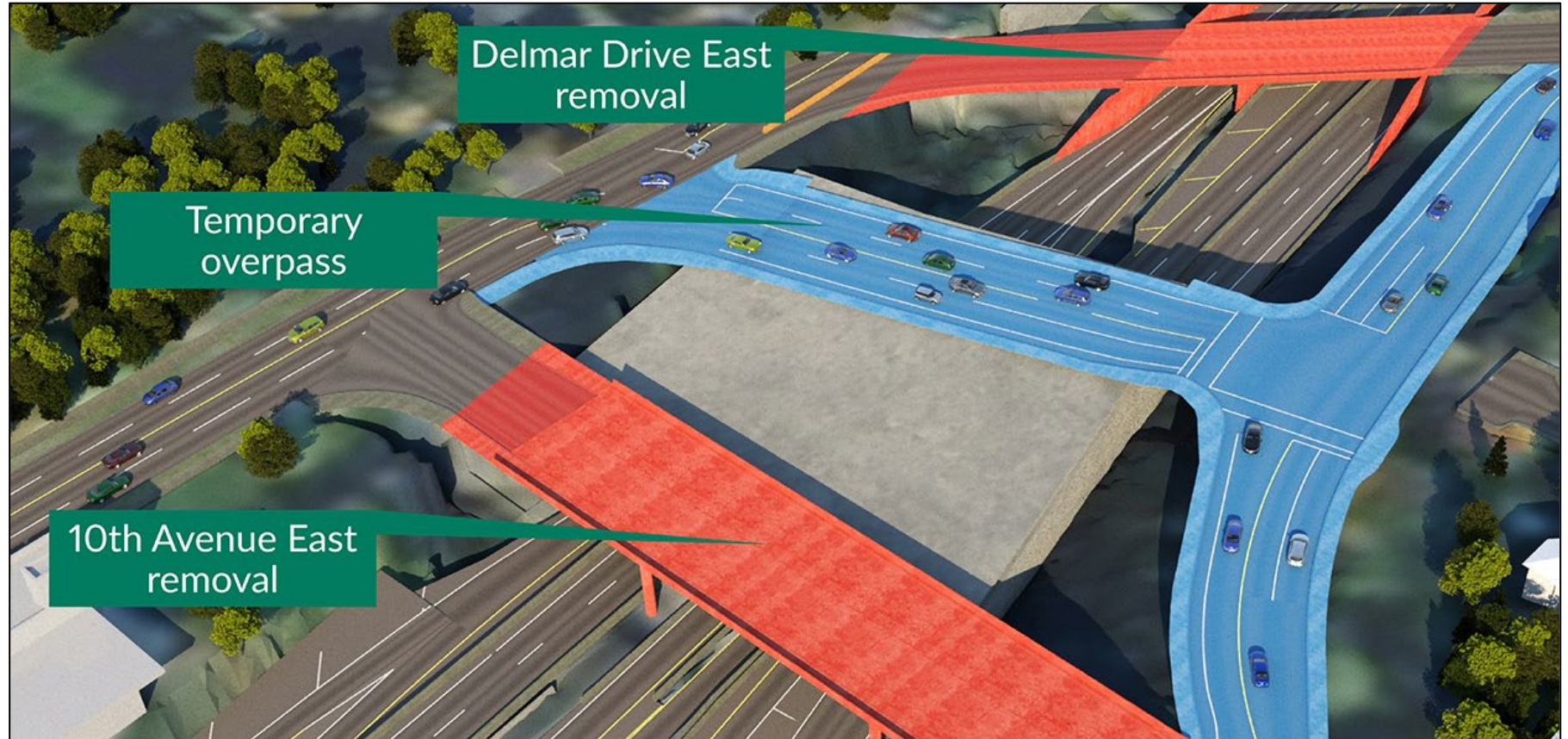


Map showing the section of the Bill Dawson Trail that will be closed.

Planning upcoming construction activities

Reminder: access during lid construction

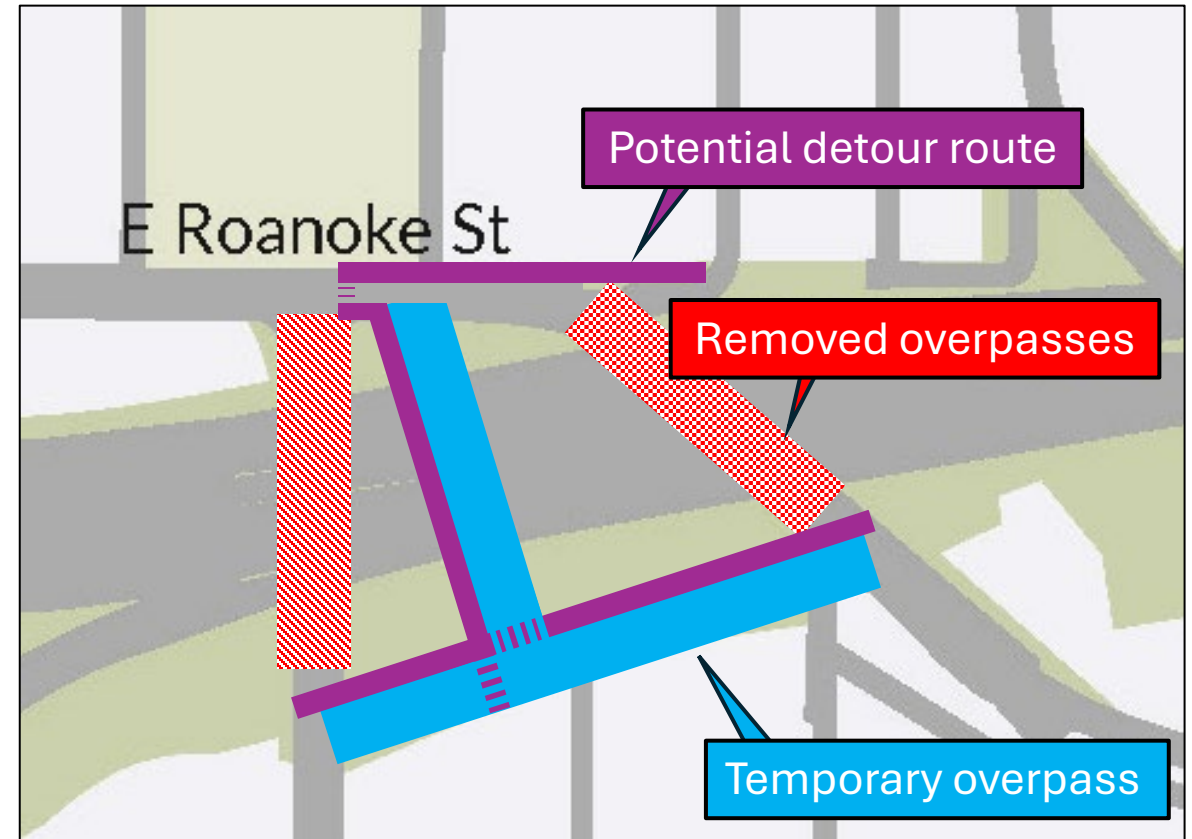
- We will create temporary detours for travelers while we build new bike and ped connections near SR 520 and the new Roanoke lid.
- We will detour travelers starting in summer 2027 to the end of 2029.
- Existing sidewalks and bike connections will be closed temporarily during lid construction.



A conceptual rendering that shows the removal of the existing overpasses and an approximate location for the temporary crossing over SR 520.

Example detours during lid construction

- Skanska is currently working with the Seattle Department of Transportation to develop clear detours for drivers, cyclists, and pedestrians.
- We will maintain a crosswalk on East Roanoke Street near Roanoke Park.



A potential pedestrian detour during lid construction.

Reminder: temporary overpass planning

We are working on a preliminary design for the temporary overpass.

The preliminary design includes:	What we are working on now:
<ul style="list-style-type: none">• Sidewalks and bike connections• Crosswalks at signaled intersections• Similar number of travel lanes• New temporary signals• Clear detour signs	<ul style="list-style-type: none">• Sidewalk, bike lane and travel lane widths• Types of bike lanes• Signal timing• Enhancing safety for all travelers

Staying in touch and Q&A

How to stay informed



PORTAGE BAY CONSTRUCTION HOTLINE

206-319-4520

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



CONSTRUCTION CORNER WEBSITE

One-stop shop for construction information during the Portage Bay 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:

sr520construction.com



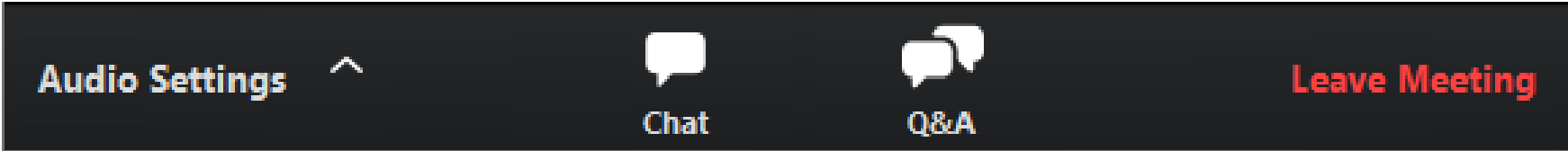
MEETINGS

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 project website to find meeting materials and recordings.

Remember to click on the "Related links" tab!

You can also find our meeting materials on sr520construction.com

SR 520 Portage Bay Bridge and Roanoke Lid Project

Project overview

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.

Timeline	2024-2031
Project status	Construction
Funding	1.375 billion
Project hotline	206-319-4520

What to expect

This project starts on November 6, 2024.

There are no immediate traffic restrictions for this project. The first traffic restriction/change is anticipated to be in summer 2025.

Please visit SR520Construction.com for updates on traffic and information about the project, bridge, tree removals and construction staging.



[View full image](#)

This project will complete SR 520's reconstruction between Bellevue and Seattle.

[Stay informed by subscribing to our email updates](#)

- History and background
- Timeline
- Funding
- Maps & drawings
- Related links**
- Contact

Monthly Portage Bay Project construction update meeting

Our next Portage Bay Project monthly meeting will be held online at 5:30 p.m. Tuesday, Nov. 12. [Register for the meeting online.](#) Missed our last monthly meeting? You can [view the presentation online](#) (PDF 3.1MB) or [view the meeting recording on YouTube](#).



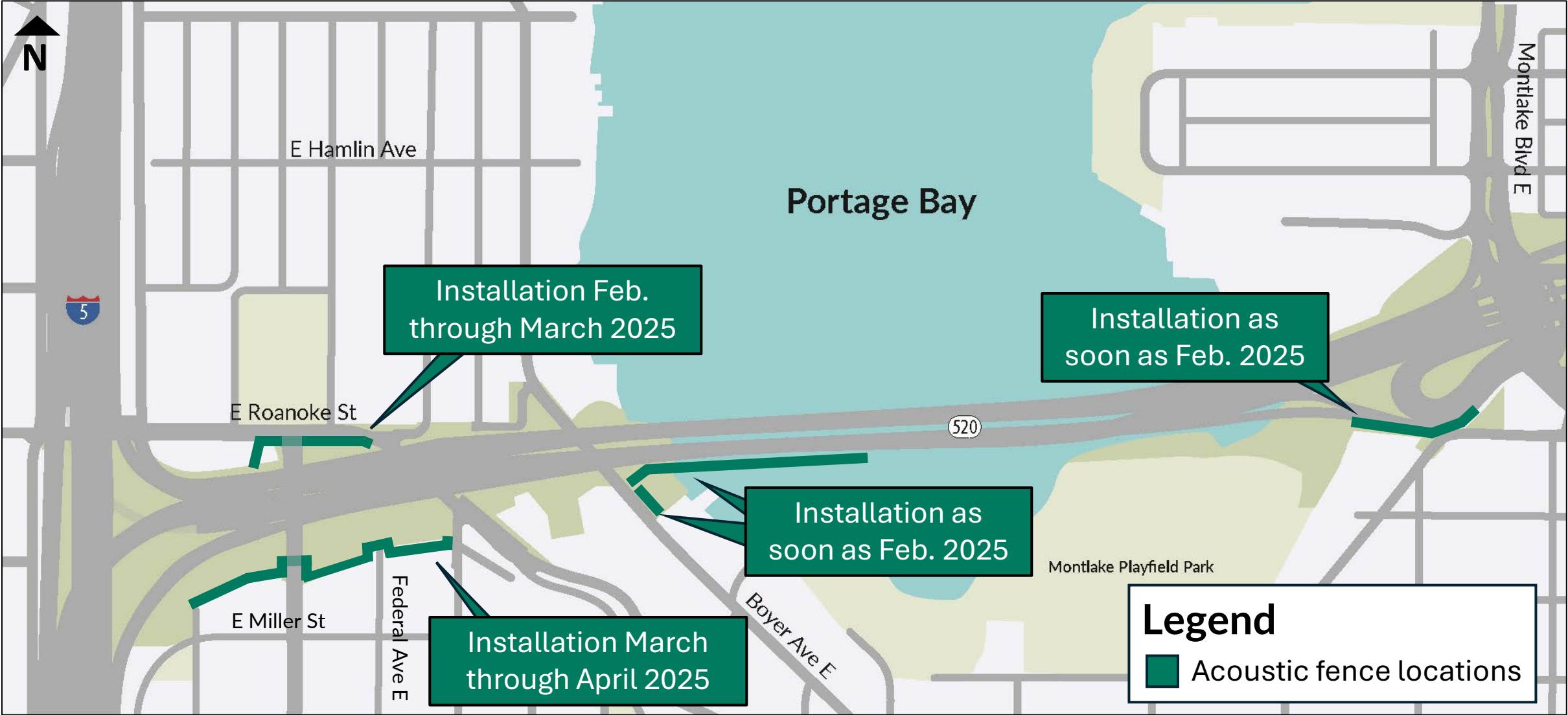
Reference slides

Project map (for reference)



Map of major project elements.

Acoustic fencing map



Map of acoustic fencing locations in the project area.

Working in Portage Bay

- We will use barges, tugboats, cranes and the temporary work platform to build the new bridges.
- To reduce construction effects in the bay, we will:
 - Use reinforced hydraulic hoses and floating oil containment devices (oil booms) to lower the risk of leaks in Portage Bay.
 - Use underwater bubble "curtains" to reduce noise and vibration.



Rendering of the temporary work trestle in Portage Bay.

Did you know?

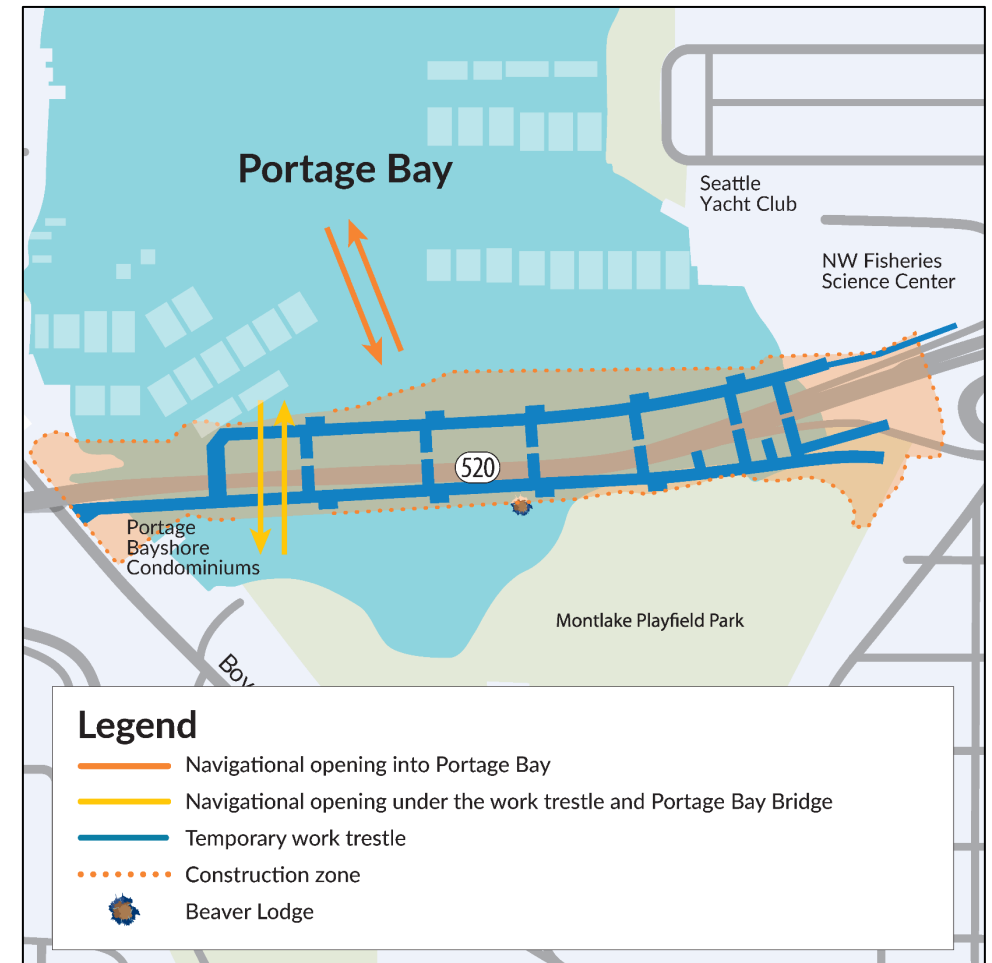
We will primarily use barges to move materials and equipment to the work zone from the Lakepointe staging site in Kenmore. This will help reduce truck traffic on local streets. Visit the [Construction Corner](#) to learn more about barges and staging.

Maintaining access for boaters

- Portage Bay is an active area for recreational boaters and lake users.
- We are coordinating with nearby dock and slip owners during construction.
- We will maintain 24/7 access for boaters in and around the work zone.
 - We will mark the navigational channel with signage and buoys.

Did you know?

There is a beaver lodge located in Portage Bay between the existing bridge and the Montlake Playfields. We've taken steps to make sure the lodge isn't impacted by our work. Check out the [Beaver Lodge FAQ](#) on the [Construction Corner](#) to learn more.



We will maintain at least one navigational channel under the work trestle.

Reminder: how we will remove trees

- We will post tree removal notices at least 30 days in advance.
- We will use a combination of large machinery and hand tools to remove trees.
- Expect large machinery and daytime work:
 - Monday through Friday - 7 a.m. to 10 p.m.
 - Saturdays - 9 a.m. to 10 p.m.
 - Some Sundays - 9 a.m. to 10 p.m.
- Crews will use a variety of techniques to mitigate the effects of tree removal depending on the conditions of the work area.



An example of machinery used to remove trees.

Learn more about tree and vegetation removal
Want to learn more about the tree removal process?
Check out the *Tree and Vegetation Removal FAQ* on
the [Construction Corner](#) to learn more.

The future for the Boyer Stairs

- In the future, we will need to close the stairs so that we can rebuild them.
- WSDOT developed a conceptual design for the stairs which connect neighbors to the new lid.
- Skanska is currently developing a preliminary design for the stairs.
- We plan to have the long-term closure date sometime next year.



Roanoke Stairs conceptual design