

Portage Bay Bridge and Roanoke Lid Project

February 2025 Construction Meeting

February 27, 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
- 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.



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

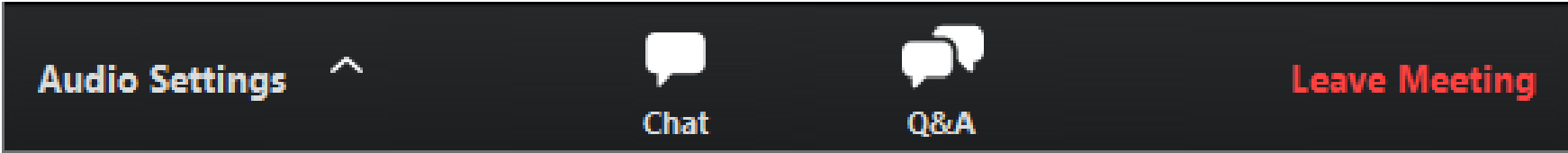


View of the completed Montlake Lid from above.

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
- Current activities
- Ongoing nighttime work
- Nearby projects
- Short-term lookahead (March-May)
- Long-term lookahead (2025)
- How to stay informed
- Q&A session



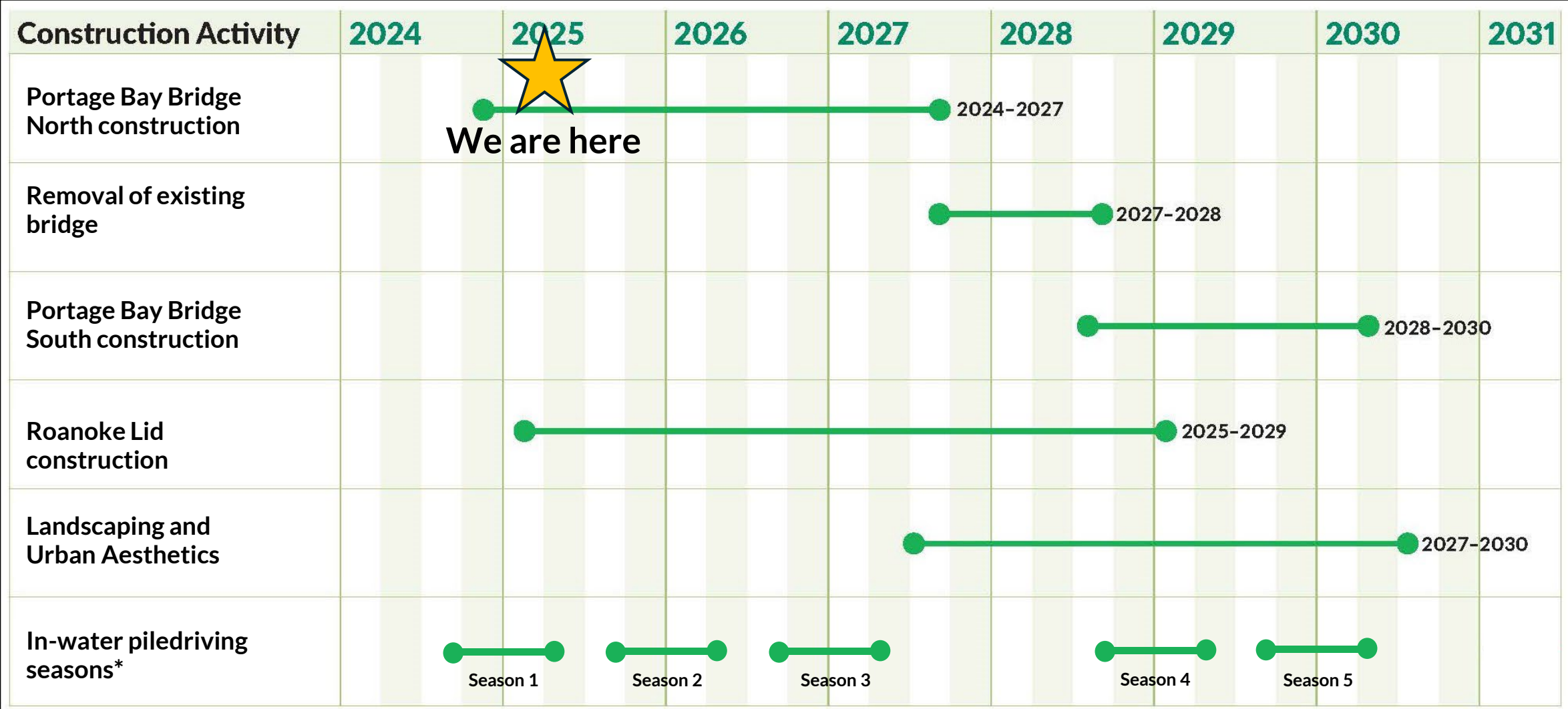
Conceptual rendering of the new Portage Bay Bridge.

Project map



Map of major project elements.

Project schedule

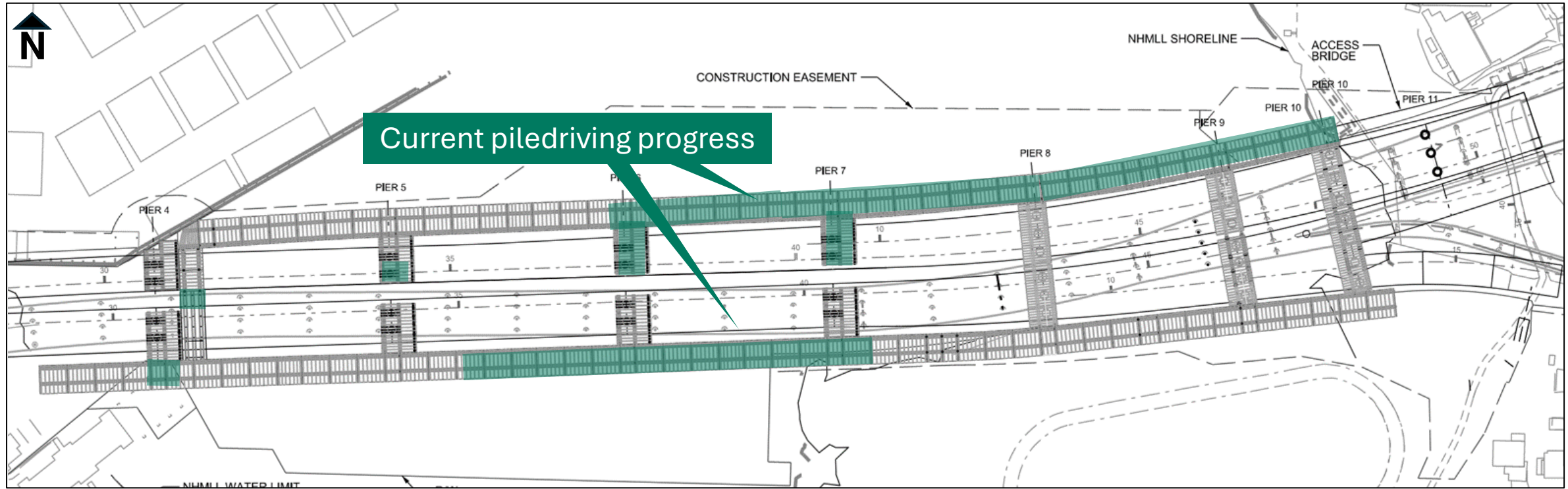


*In-water impact piledriving will occur in seasons annually from September through April. Other piledriving activities on land and/or with a vibratory hammer will occur year-round.

Current activities

Piledriving progress (February 2025)

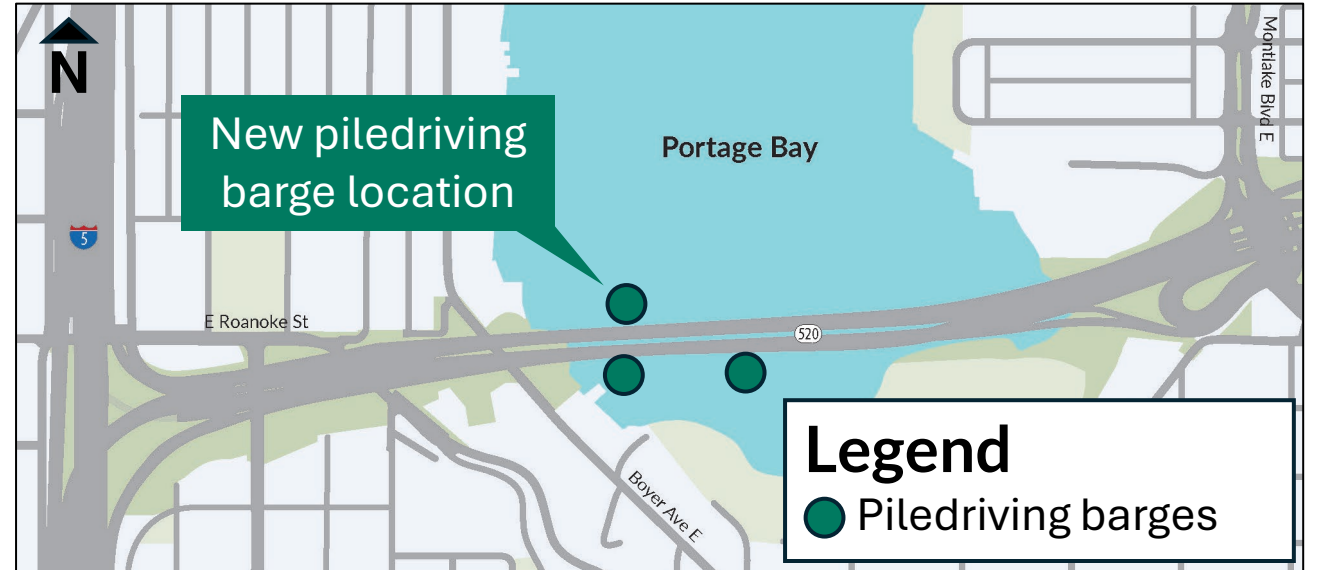
- We are installing our daily goal of between two and eight piles each day.
- We have installed piling in the green sections below.
- Crews are driving piles during weekdays, Saturdays and Sundays



Map showing the current progress on piledriving.

Piledriving in west Portage Bay

- As piledriving progresses, work barges have moved to the west side of Portage Bay.
- Neighbors may notice more sound from piledriving as operations move.
- Crews are scheduled to conduct impact and vibratory piledriving during weekdays, Saturdays and Sundays.



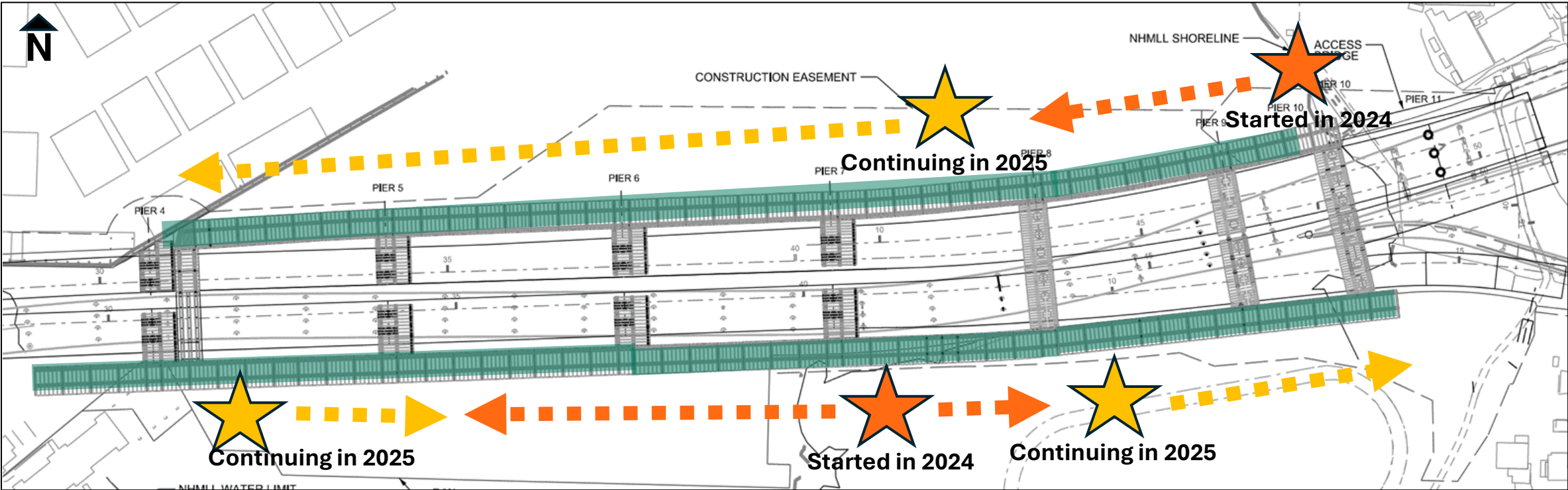
Current piledriving locations.

Dock relocation

Docks at the Queen City Yacht Club and Portage Bayshore Condominiums have been relocated to make space for piledriving operations.

Piledriving lookahead

- Crews are installing piles to construct two temporary work trestles.
- Crews will install around 700 piles over the lifetime of the project.
- As piles are installed, crews will continue building the platform of the work trestle.



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

Current construction activities

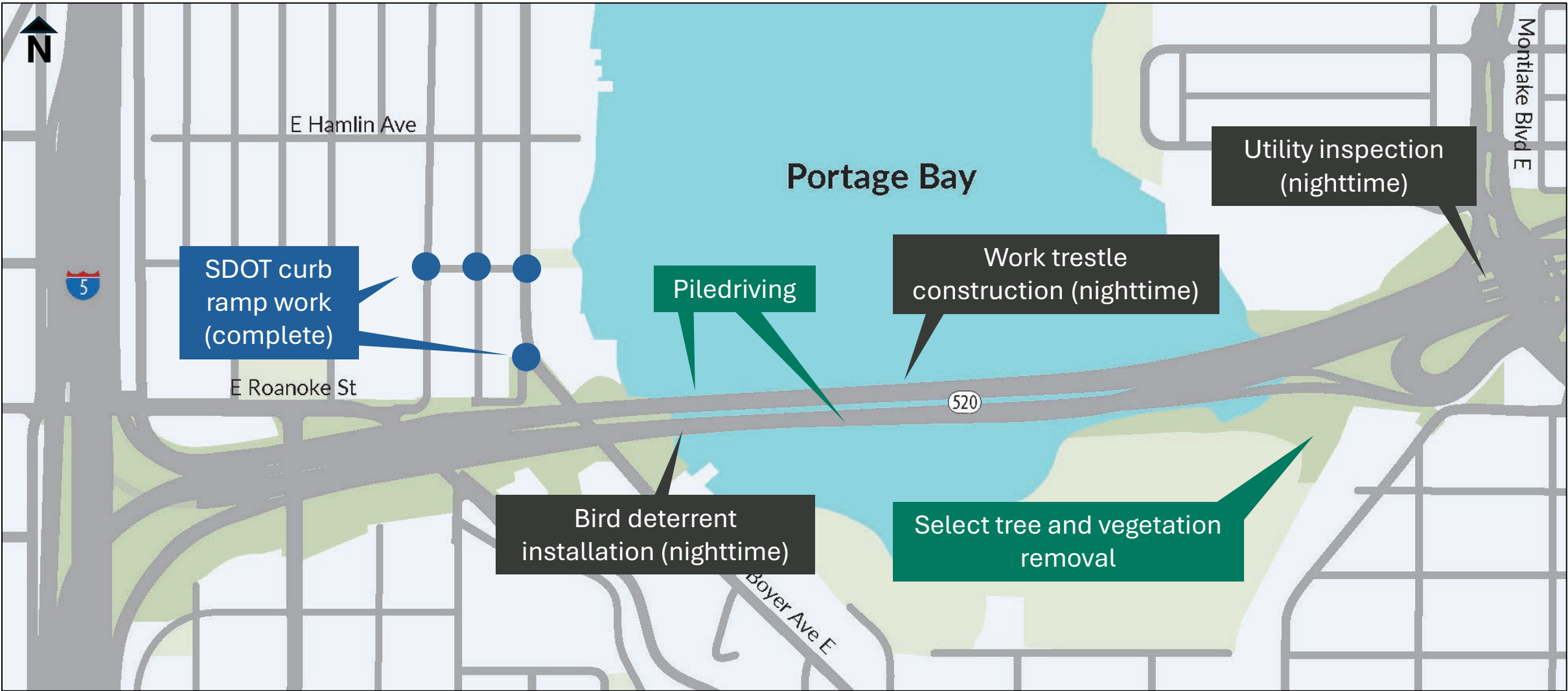
In February and March, we are:

- Impact piledriving in Portage Bay during daytime hours, including weekends
- Closing the Bagley Viewpoint (Feb. 18)
- Removing select trees and vegetation near the Bill Dawson Trail and Montlake Lid
- Closing the Bill Dawson Trail for short periods of time
- Beginning to install acoustic fencing around select work areas
- Completing nighttime work under the MPPCNV*, including:
 - Building the temporary work trestles
 - Bridge sweeping and utility inspections around SR 520

*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).

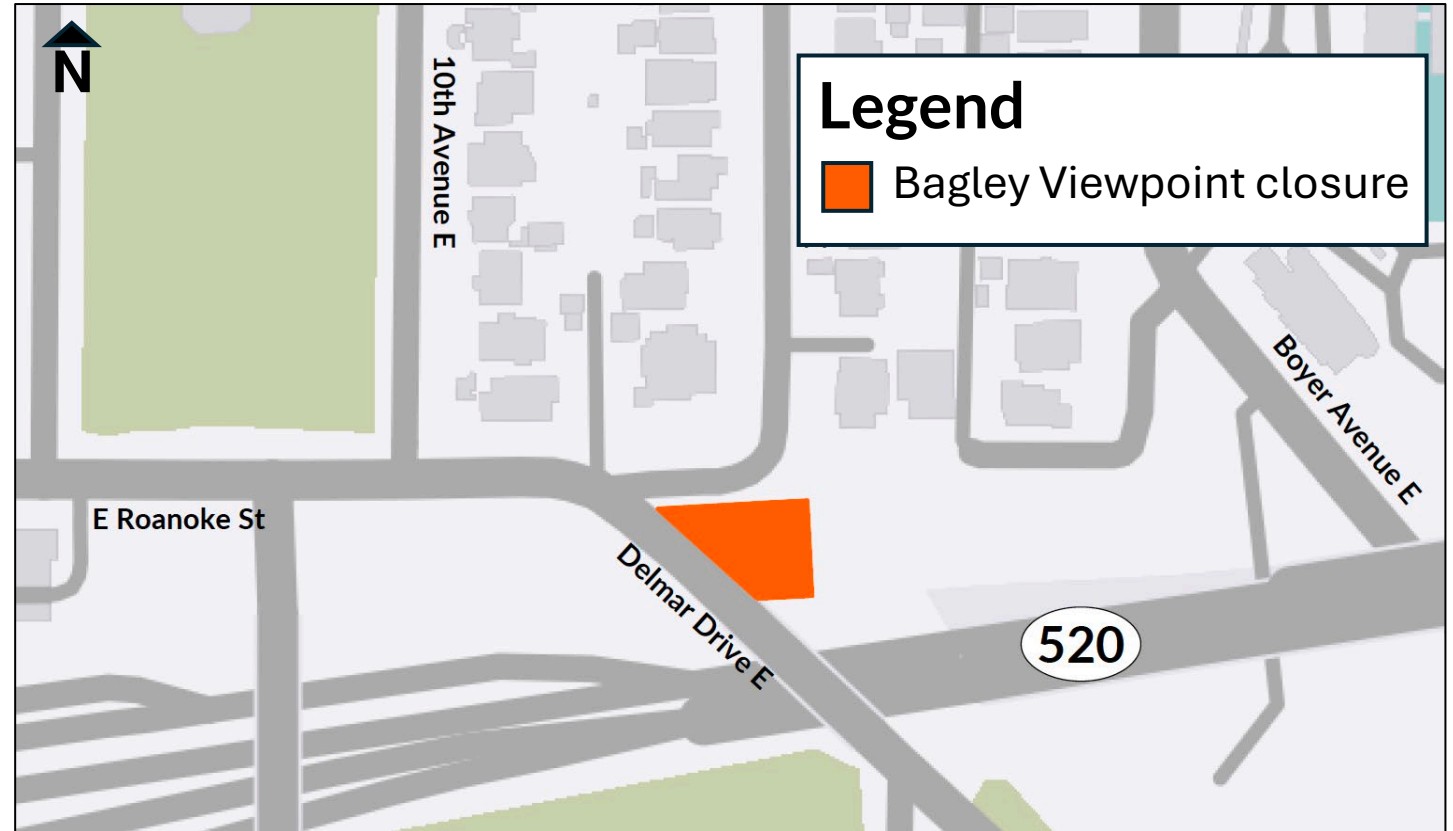
Current construction activities



Map of current construction activities.

Bagley Viewpoint closure

- On February 18, Skanska closed the Bagley Viewpoint.
- The viewpoint will be closed for **five years**.
- Crews closed the area to prepare for utility relocation.
- For safety reasons, access to the area is fully restricted.



Map of the Bagley Viewpoint closure area.

Rebuilding the Bagley Viewpoint

- At the end of the project, crews will move the Bagley Viewpoint to a new location near Delmar Drive East, south of SR 520.
- Skanska will preserve and reinstall the original stone memorial marker at the new viewpoint.



Conceptual rendering of the Roanoke Lid with the current and future Bagley Viewpoint locations (subject to change).

Traffic effects in February and March

- Throughout February and into March, crews are inspecting utilities and performing other work at the following locations:
 - Montlake Boulevard on-ramp to westbound SR 520
 - Montlake Boulevard on-ramp to eastbound SR 520
 - Boyer Avenue East
 - East Roanoke Street and Delmar Drive East
 - Eastbound and westbound lanes of SR 520 on the Portage Bay Bridge
- Expect lane closures and flagging in these areas.



Recent weekend single-lane closures on SR 520.

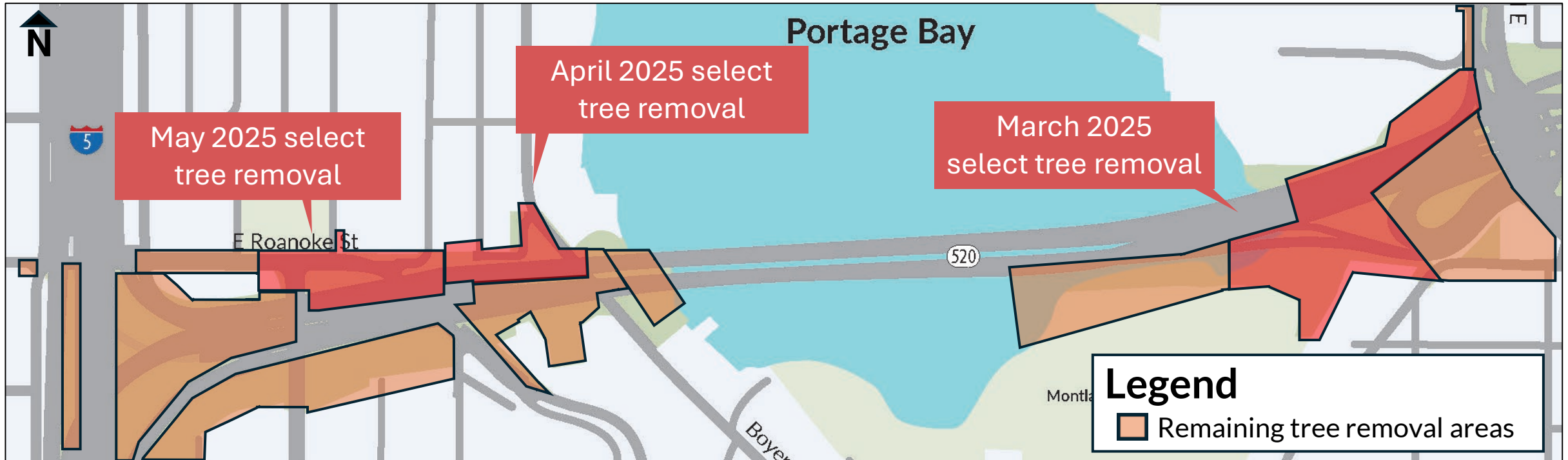
CONSTRUCTION CORNER WEBSITE

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

sr520construction.com

Tree removal schedule

- Vegetation removal began in Montlake in February.
- Tree removal is scheduled to begin in mid-March.
- Select tree and vegetation removal will continue in other areas this 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.

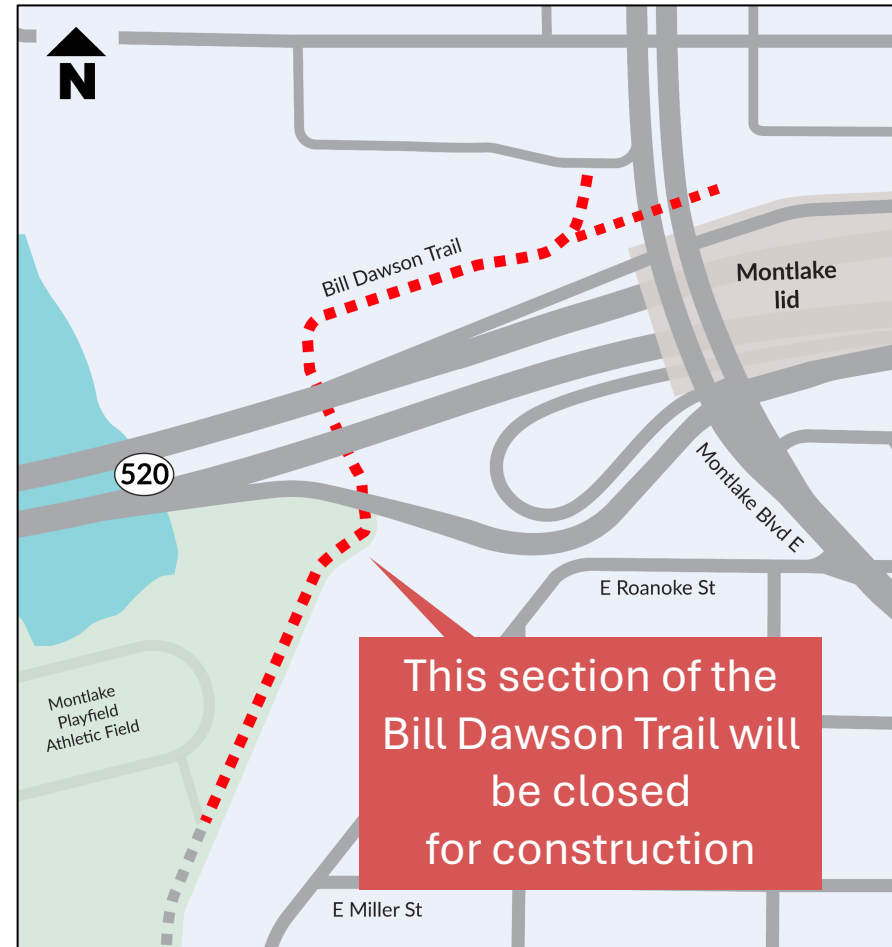
Short-term Bill Dawson Trail closures

- Crews will periodically close the Bill Dawson Trail in March 2025 for tree removal and equipment staging.
- Upcoming intermittent closures will consist of flagging operations with delays of around 15 minutes.
- We will post signed detour routes.
- Later in March, there will be 1–3-day trail closures. We will post advanced notice on the SR 520 Construction Corner.

CONSTRUCTION CORNER WEBSITE

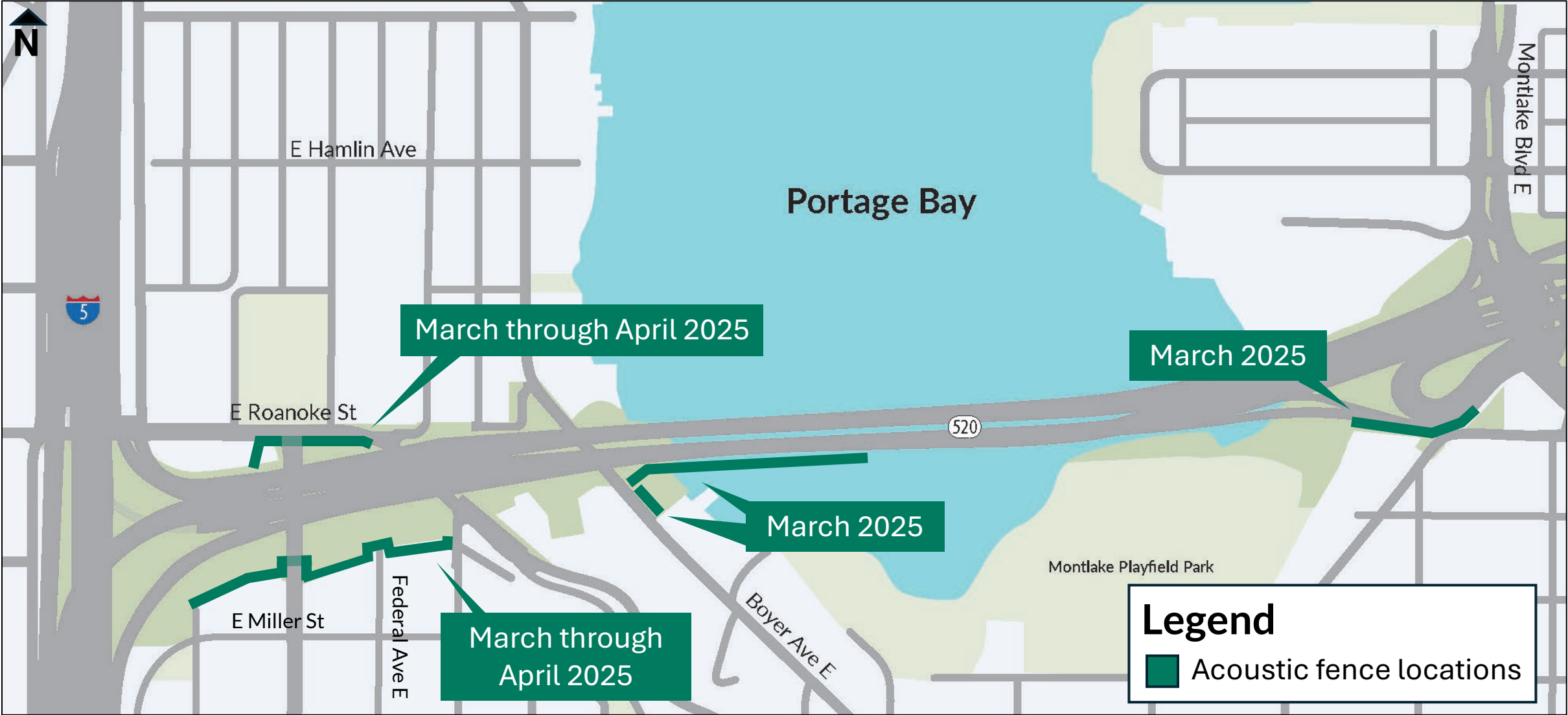
One-stop shop for traffic and construction information during the Portage Bay Bridge and Roanoke Lid project.

[sr520construction.com](https://www.sr520construction.com)



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

Acoustic fence installation schedule



Map of acoustic fence locations in the project area.

Ongoing nighttime work

Major Public Project Noise Variance

- The **MPPCNV** is a project-wide permit granted by the Seattle Department of Construction and Inspections (SDCI) to conduct certain types of nighttime work without needing to obtain individual temporary noise variances (TNV).
- The MPPCNV sets limits for the allowable level of nighttime construction noise and defines the type of work that is allowed at night without a TNV.
- The MPPCNV went into effect on February 5 and will last for 72 months (6 years).

Permitted nighttime construction hours

10 p.m. to 7 a.m.*

Monday through Friday

10 p.m. to 9 a.m.*

Weekends and holidays

* 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

Why do we need to work at night?

Completing all construction activities during daytime hours would bring some major challenges with traffic, construction duration, cost and safety for our crews and the traveling public. Want to learn more? Read the [MPPCNV notification mailer](#) on the Construction Corner.

Ongoing night work

- Since early February, crews have been working at night under the Major Public Project Construction Noise Variance (MPPCNV).
- Work has focused on building the temporary work trestle, installing bird deterrence and inspecting storm drains.
- Crews will continue to perform nighttime work over the life of the project.



Crews constructing the work trestle platform at night.

What's been happening at night?

Crews are securing the work trestle surface decking using hand tools, generators and cranes. When we work at night under the MPPCNV, it will generally be less noisy than daytime work or night work that can occur under a temporary noise variance. If you have any questions about nighttime noise as it's happening, call our 24/7 hotline at 206-319-4520.

Ongoing nighttime work

In March, crews will continue to conduct the following work at night:

- Continue building the temporary work trestle platforms
- Test soil conditions near the Montlake Lid
- Identify and inspect underground utilities

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.

Temporary work trestle



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

Temporary work trestle



Crews installing decking on the temporary work trestle.



Crews installing decking on the temporary work trestle.

Mitigating nighttime construction noise

As a reminder, we are mitigating nighttime construction noise by:

- Installing acoustic fencing around staging sites and select work zones.
- Using temporary noise shields around equipment.
- Prohibiting impact work without a TNV (e.g., auger shaking, striking pavement with an excavator, jackhammering and impact piledriving).
- Monitoring noise throughout the neighborhood.
- Stopping work if our noise monitors record levels that exceed allowable limits.



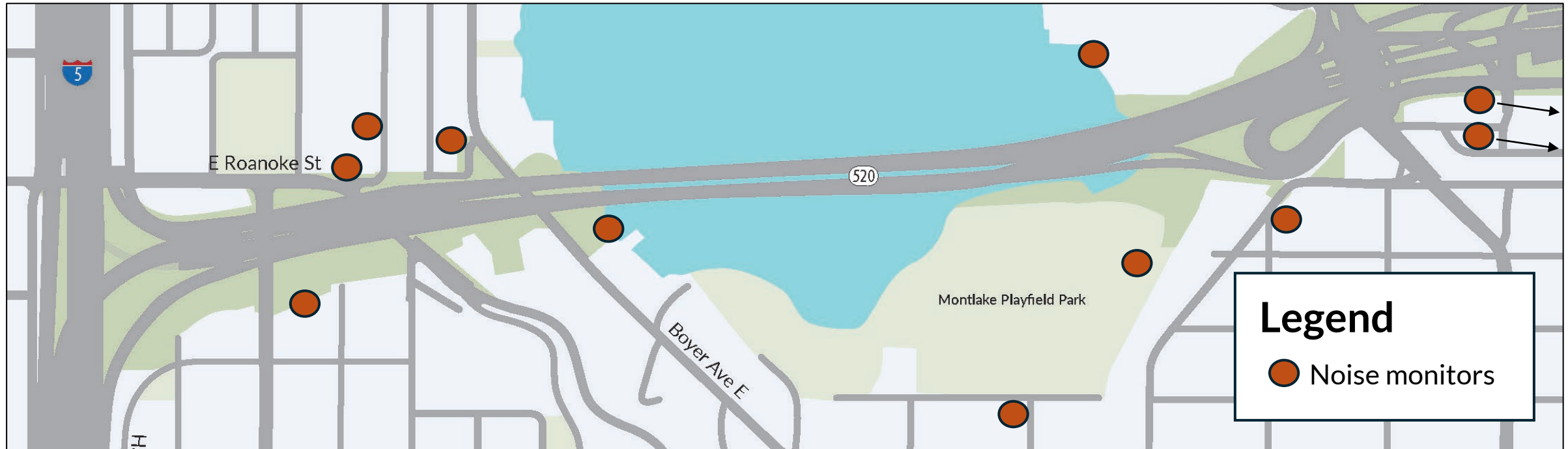
Photo of Acoustifence[®], a common type of acoustic fence.

More about our noise compliance

Noise compliance is enforced by Skanska's environmental and quality assurance consultants as well as WSDOT's on-site independent noise monitor (INM), and real-time data monitoring done by designated project personnel. Noise levels are recorded 24/7, and monitoring alerts are sent for exceedances that happen during daytime and nighttime operations. We will also have third-party quality assurance and environmental inspectors onsite to monitor for compliance for noise mitigation measures outlined in the MPPCNV.

Monitoring construction noise

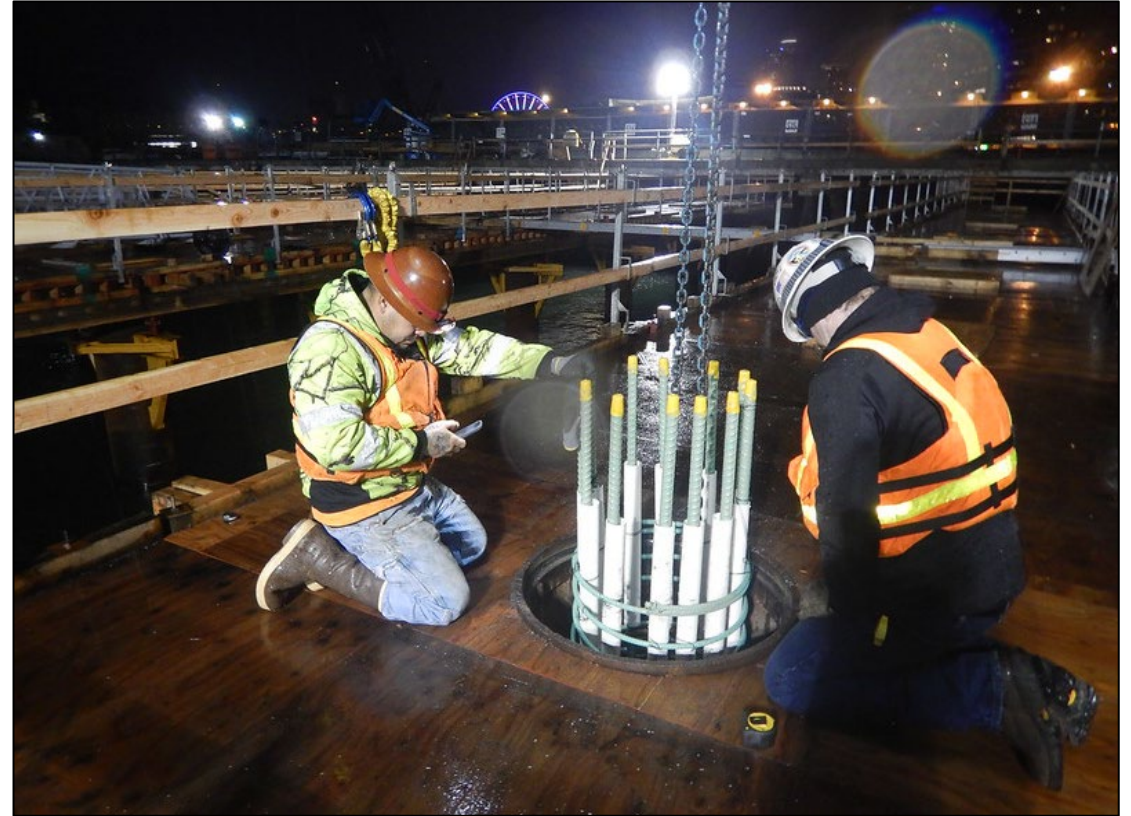
- Crews have installed noise monitors around the project area.
- Monitors provide real-time information to WSDOT and Skanska.
- Weekly nighttime noise reports are available for download on the project website at: sr520construction.com/portage-bay-project



Map showing locations of noise monitors.

Nighttime noise monitoring

- If nighttime construction exceeds permitted noise limits, crews will adjust operations to mitigate noise.
- Crews will stop work if needed.
- If you have concerns about noise, call the 24/7 hotline at **206-319-4520**.



Crews conduct nighttime installation of support structures (forms), rebar and concrete.

Upcoming noisy nighttime work

- We will still need to complete some noisy construction activities at night.
- This will require a temporary noise variance (TNV), advance notice to nearby neighbors and hotel accommodation offers.
- No nighttime work that requires heavy construction equipment, jackhammering or concrete removal is currently planned.



Removing concrete structures over SR 520.

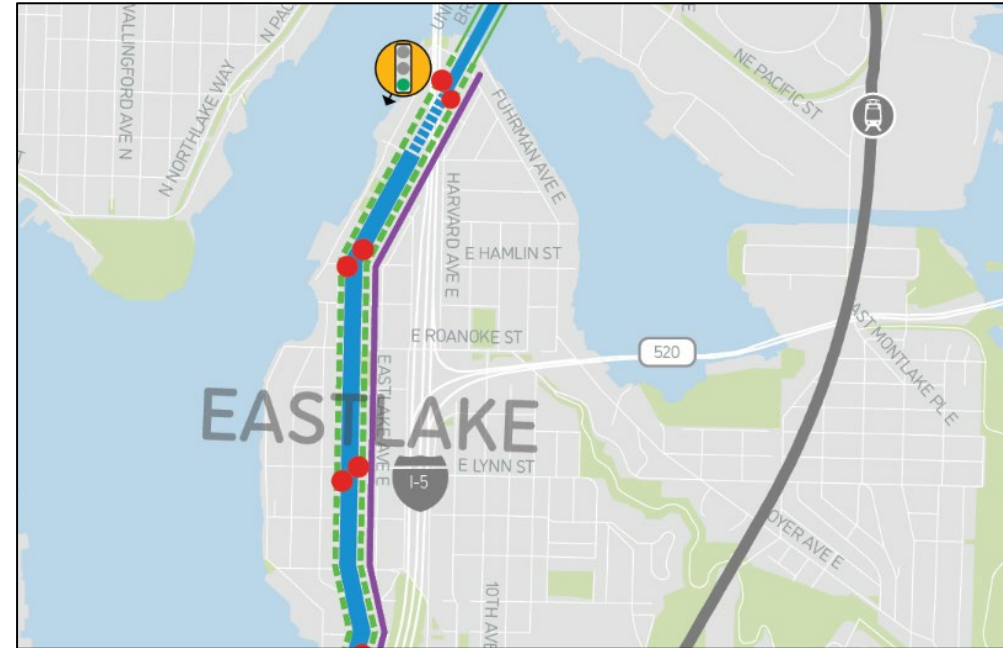
More about noisy nighttime construction

While we may complete night work throughout the entire project area, most of the noise-generating night work will be concentrated near the location of the future Roanoke lid. We need to work at night in this area because building the temporary overpass, permanent overpasses and the Roanoke lid will require closures of SR 520, which cannot happen during daytime on weekdays. If we need to obtain a TNV, we will notify nearby neighbors in advance. Impact piledriving is not allowed at night.

Nearby construction projects

Rapid Ride J-Line Project

- The Seattle Department of Transportation is installing new bus stations, repaving streets, adding new protected bike lanes and improving pedestrian accessibility.
- Neighbors may notice construction impacts from this nearby project.
- For questions and information, contact:



Map of the J-Line project near Portage Bay (Photo/SDOT).

Darrell Bulmer
Communications and
Outreach Lead
(206) 257-2202
RapidRide@Seattle.gov



Seattle
Department of
Transportation



A J-Line bus (Photo/King County Metro).

Reminder: SDOT curb ramp & sidewalk work

- In November, the Seattle Department of Transportation (SDOT) began upgrading some sidewalks, curb ramps and pedestrian crossings in the Portage Bay neighborhood.
- Work on sidewalks, curbs and curb ramps is now complete.
- For questions and information, contact:

Matthew Howard
Communications and
Outreach Lead
(206) 775-8723



Seattle
Department of
Transportation

TOUPCurbRamps@seattle.gov



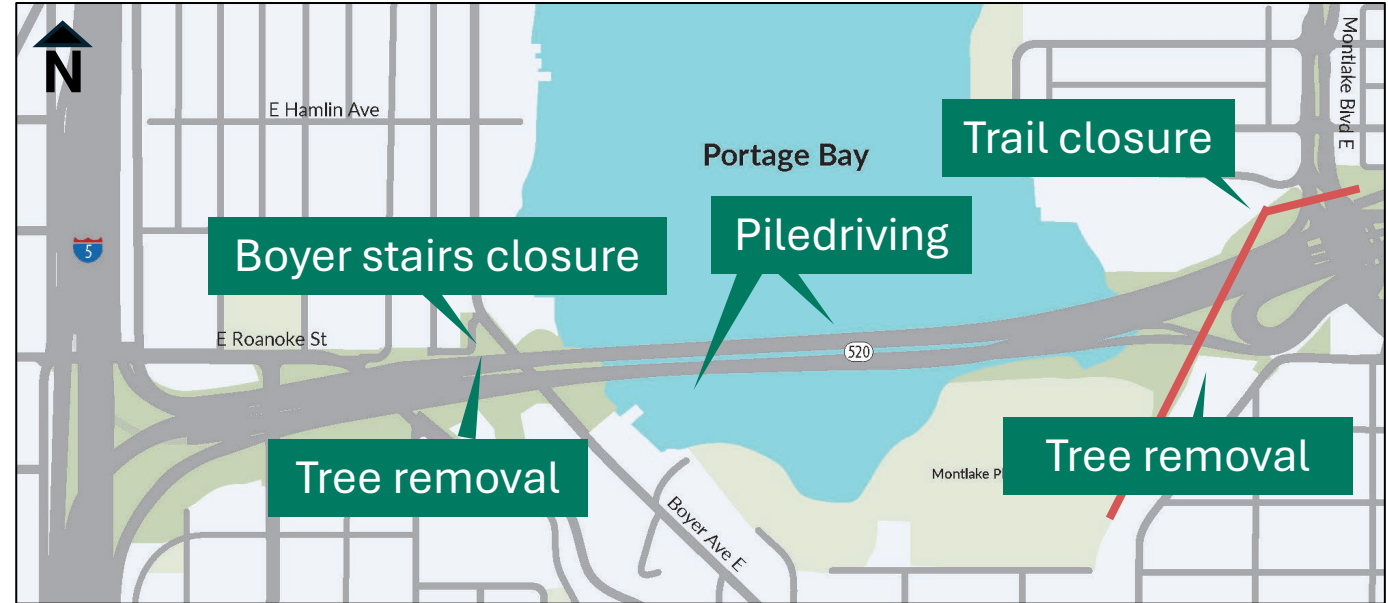
Map of the curb ramp upgrades (Photo/SDOT).

Short-term lookahead (March-May)

Construction lookahead

Over April and May, we will:

- April 2025:
 - Continue in-water impact piledriving*
 - Remove select trees and vegetation in the Montlake and Roanoke areas
 - Close the Boyer Stairs for utility work
 - Continue short-term Bill Dawson Trail closures
 - Start a long-term Bill Dawson Trail closure
 - Continue acoustic fence installation
- May 2025:
 - Complete Season 1 of in-water work*
 - Continue tree and vegetation removal in the Roanoke area
 - Begin building Temporary Bridge 1



Project area map.

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

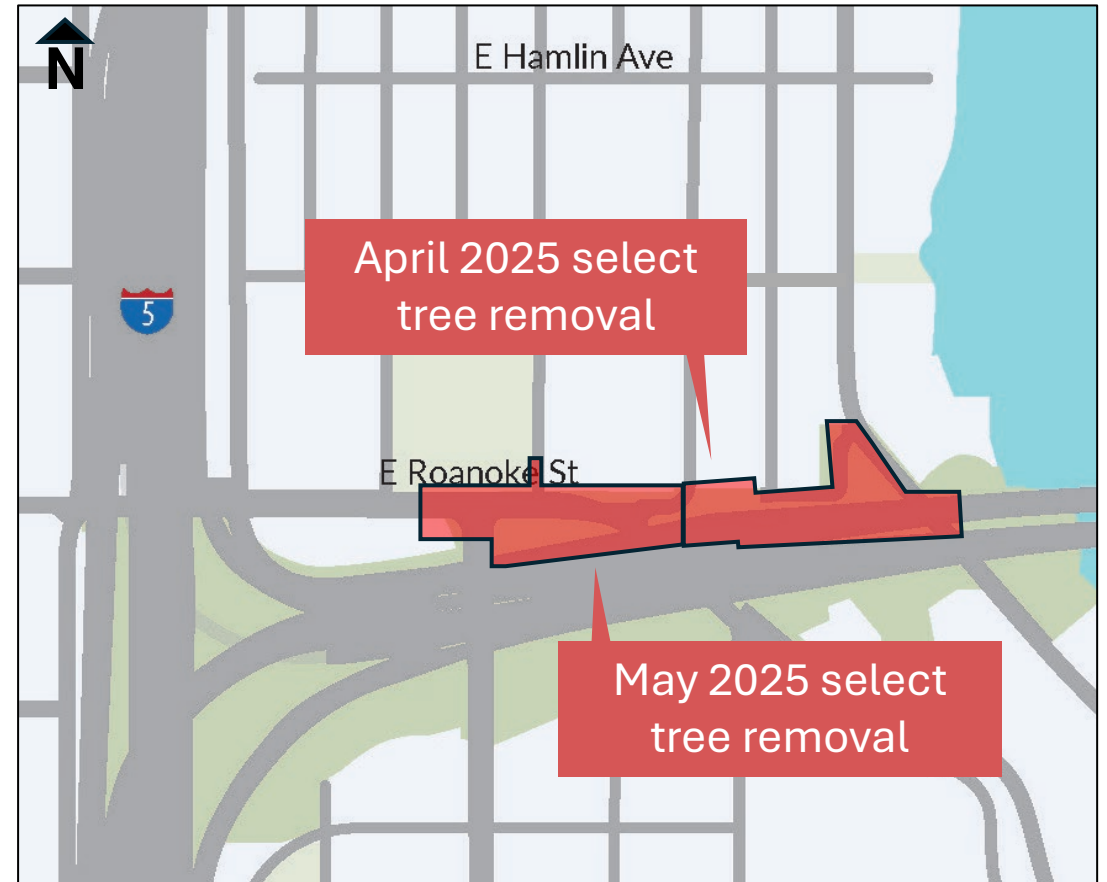
While we will stop using an impact hammer to install piles in Portage Bay by April 30, crews will continue vibrating piles and installing piles on land after Season 1 ends. The next season for in-water impact piledriving will begin in September 2025.

Select tree removal in Portage Bay

- Select tree removal near the Boyer Hillside is scheduled for April 2025.
- We will remove some trees that conflict with the utility relocations, happening later this summer.
- Tree removal near East Roanoke Street is scheduled for May 2025.

Working in the Boyer Hillside area

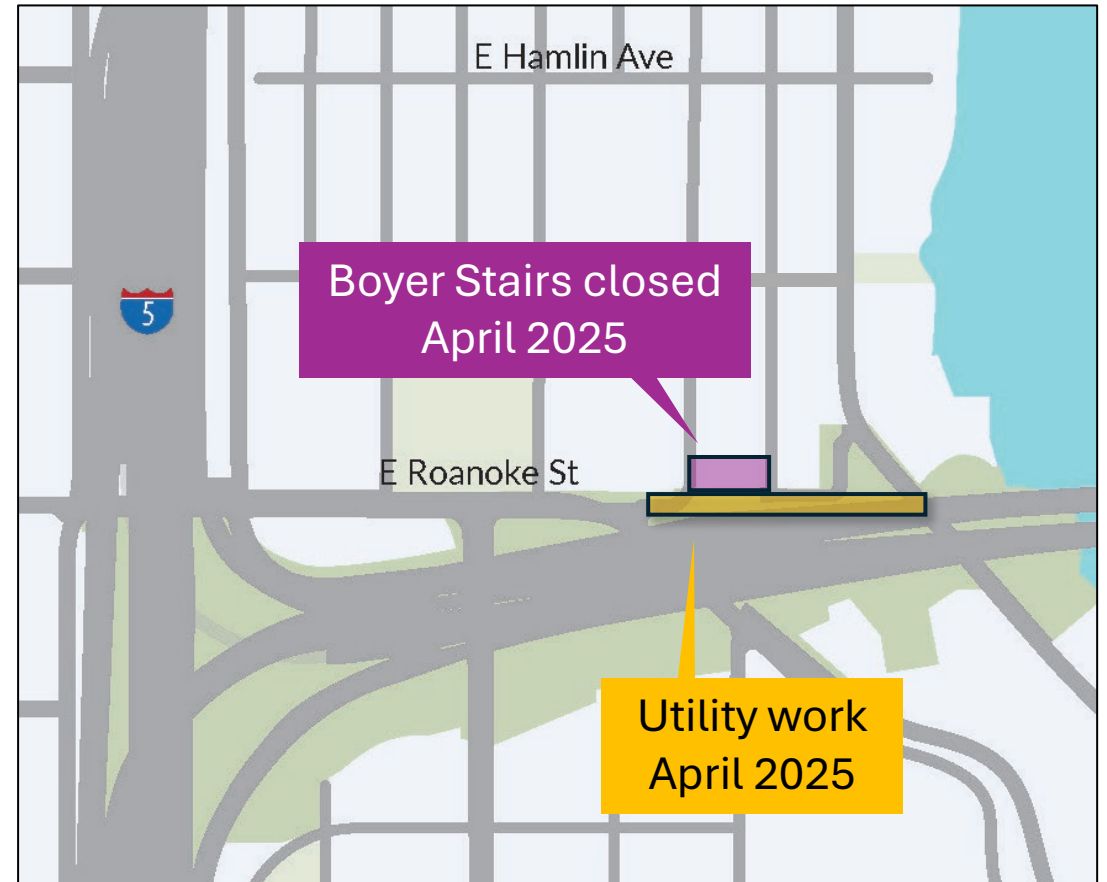
After we remove trees, we will begin relocating underground utilities. The existing Boyer Stairs are in the way of both the utility work and future bridge construction and need to be closed for up to five years. We will rebuild the Boyer Stairs towards the end of the project. We will share more information and an anticipated closure date at a future monthly construction meeting.



Map of the Roanoke Park and Portage Bay neighborhoods.

Utility work near East Roanoke Street

- Utility work along East Roanoke Street is scheduled to begin in April 2025.
- Crews will close the Boyer Stairs in order to access the site, relocate underground utilities and prepare the area for additional construction this summer.
- Boyer Stairs are scheduled to close **for up to five years**.



Map of the Roanoke Park and Portage Bay neighborhoods.

Boyer Stairs closure

- The Boyer Stairs will close this spring and be rebuilt towards the end of the project.
- Skanska is currently developing a preliminary design for the new stairs.
- While the stairs are closed, pedestrians will need to use alternate routes in the neighborhood.
- SDOT's recent curb and sidewalk improvements on Boyer Ave E, E Edgar St and 11th Ave E were made to provide an alternative route to the Boyer Stairs while the steps are removed and replaced.



Boyer Stairs conceptual design, subject to change

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.



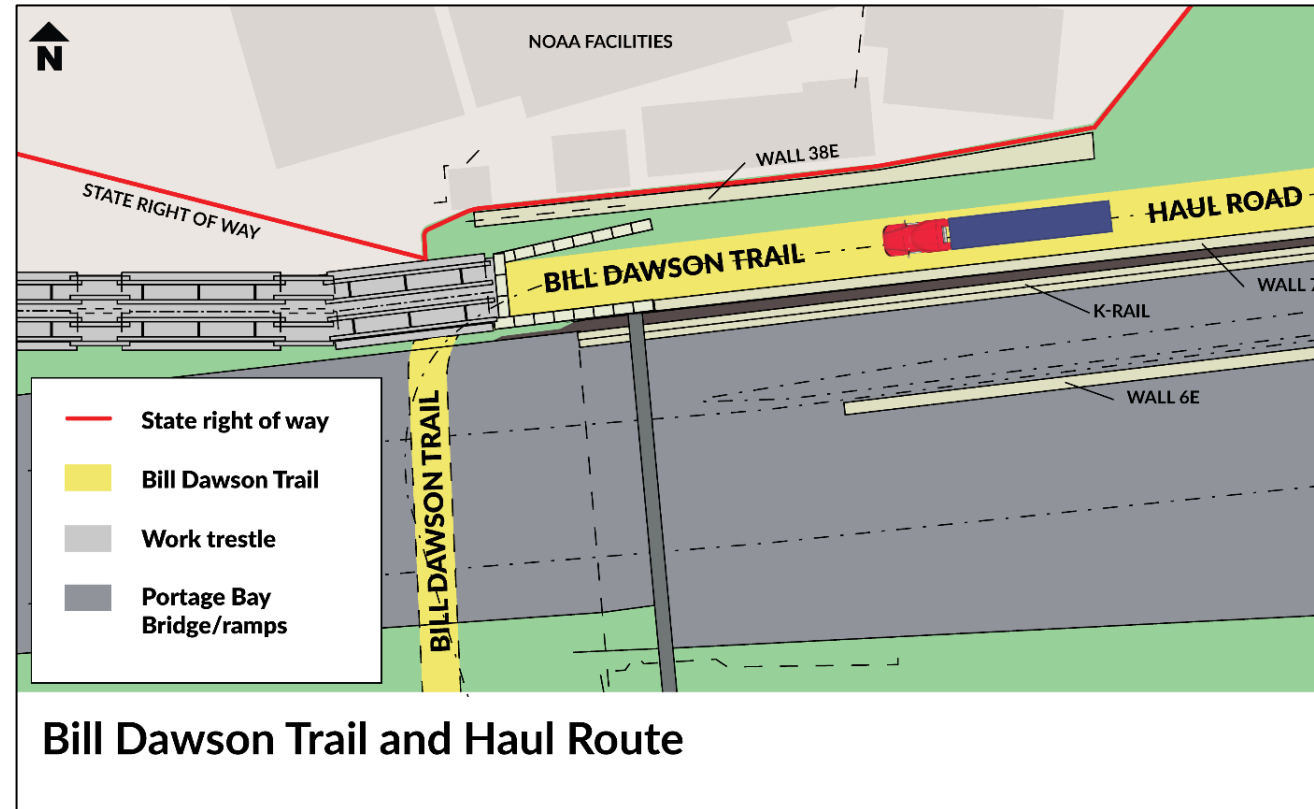
A detour map for the trail closure.

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.

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.



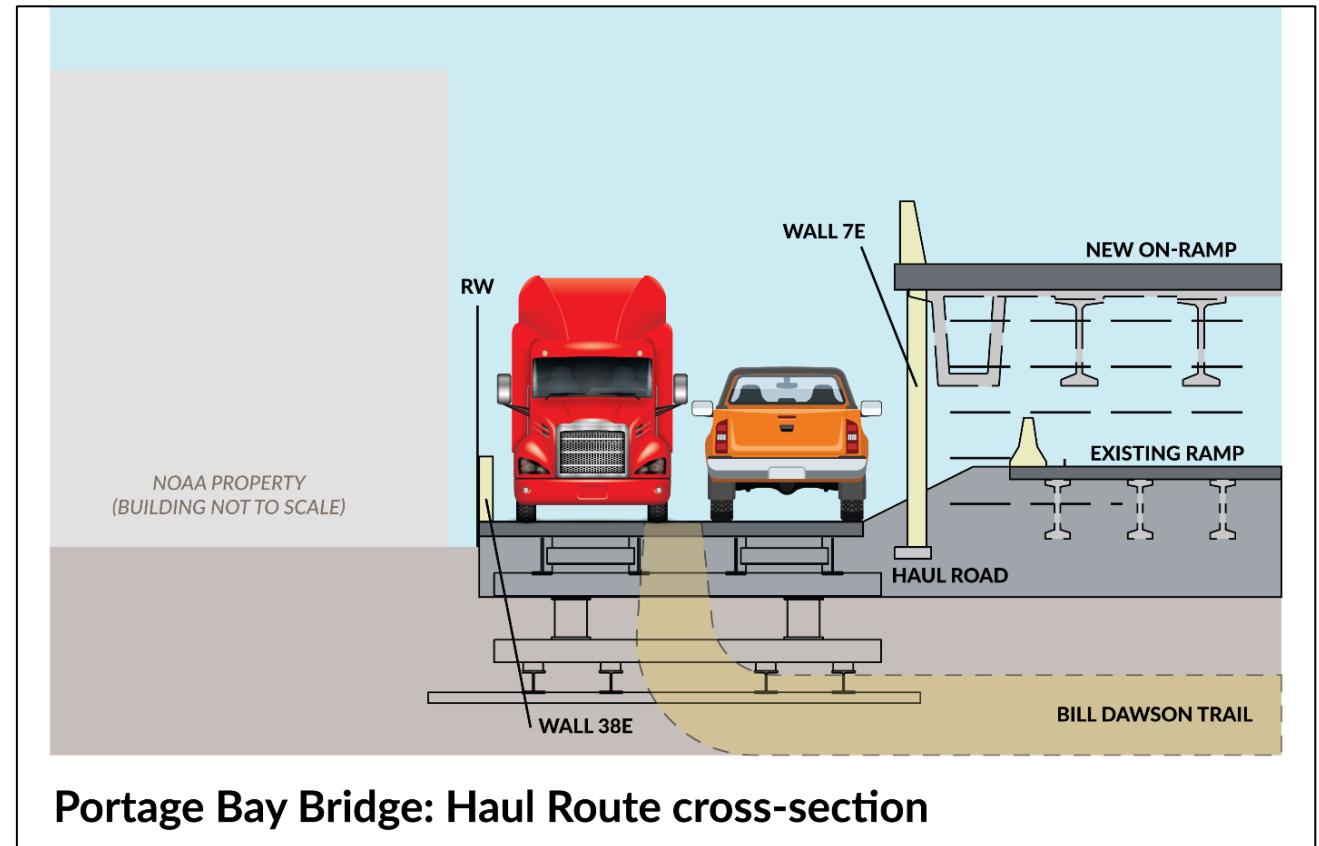
Reminder: closing the Bill Dawson Trail

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.

- 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.

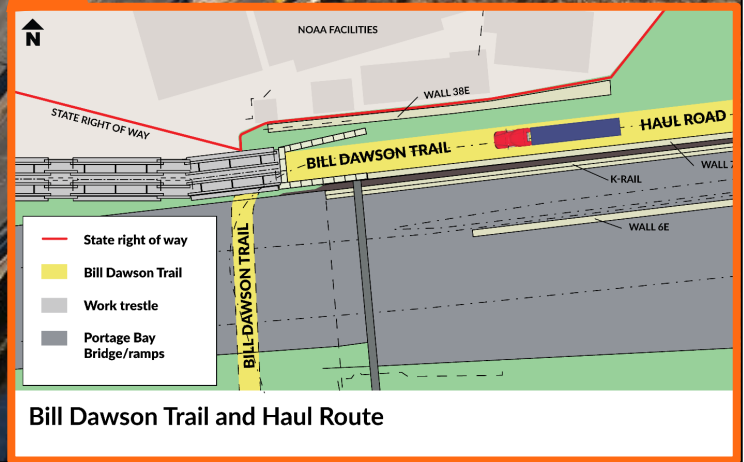


Accessing the temporary work trestle



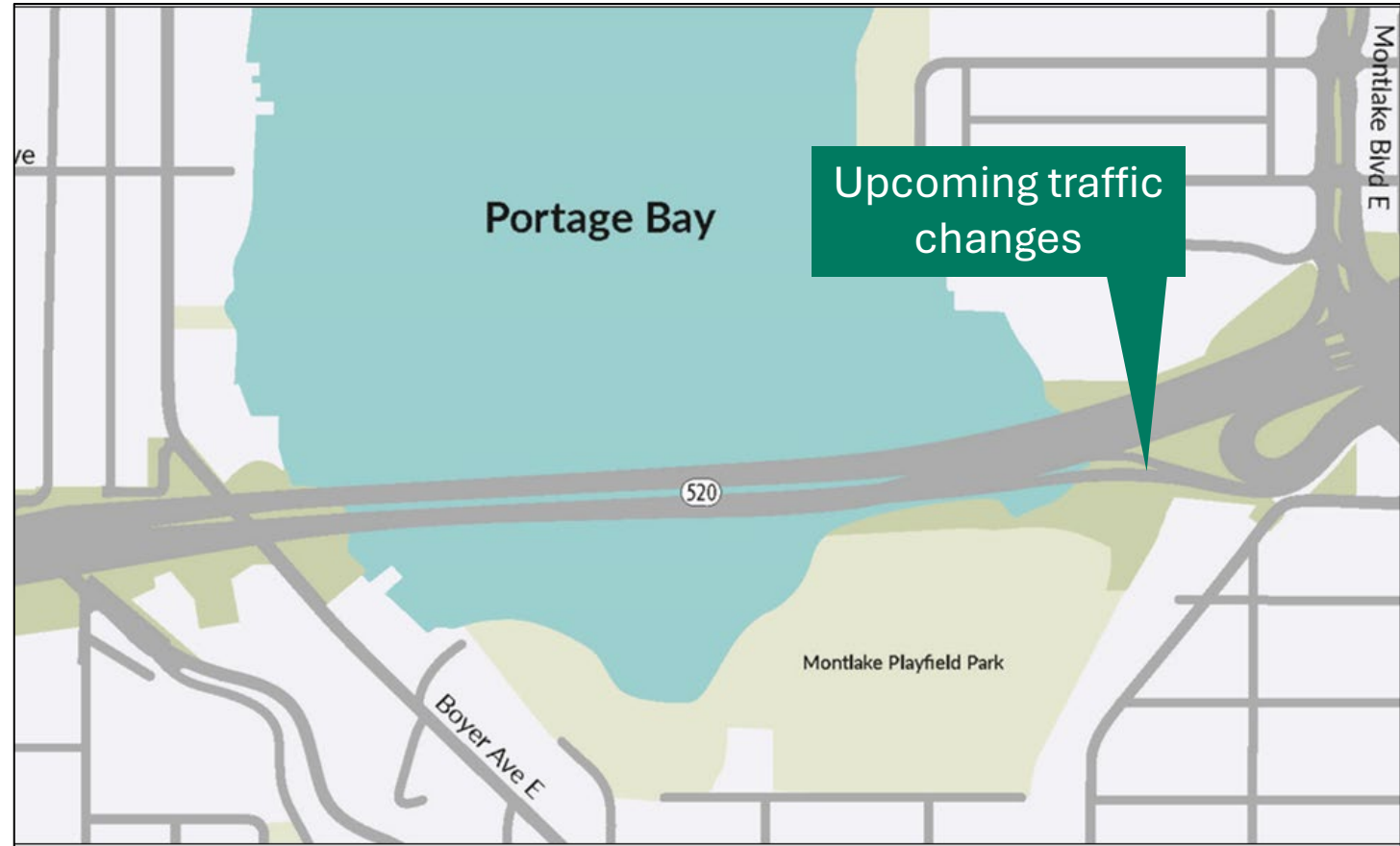
Haul route connection to work trestle via Bill Dawson Trail

Trestle with completed platform



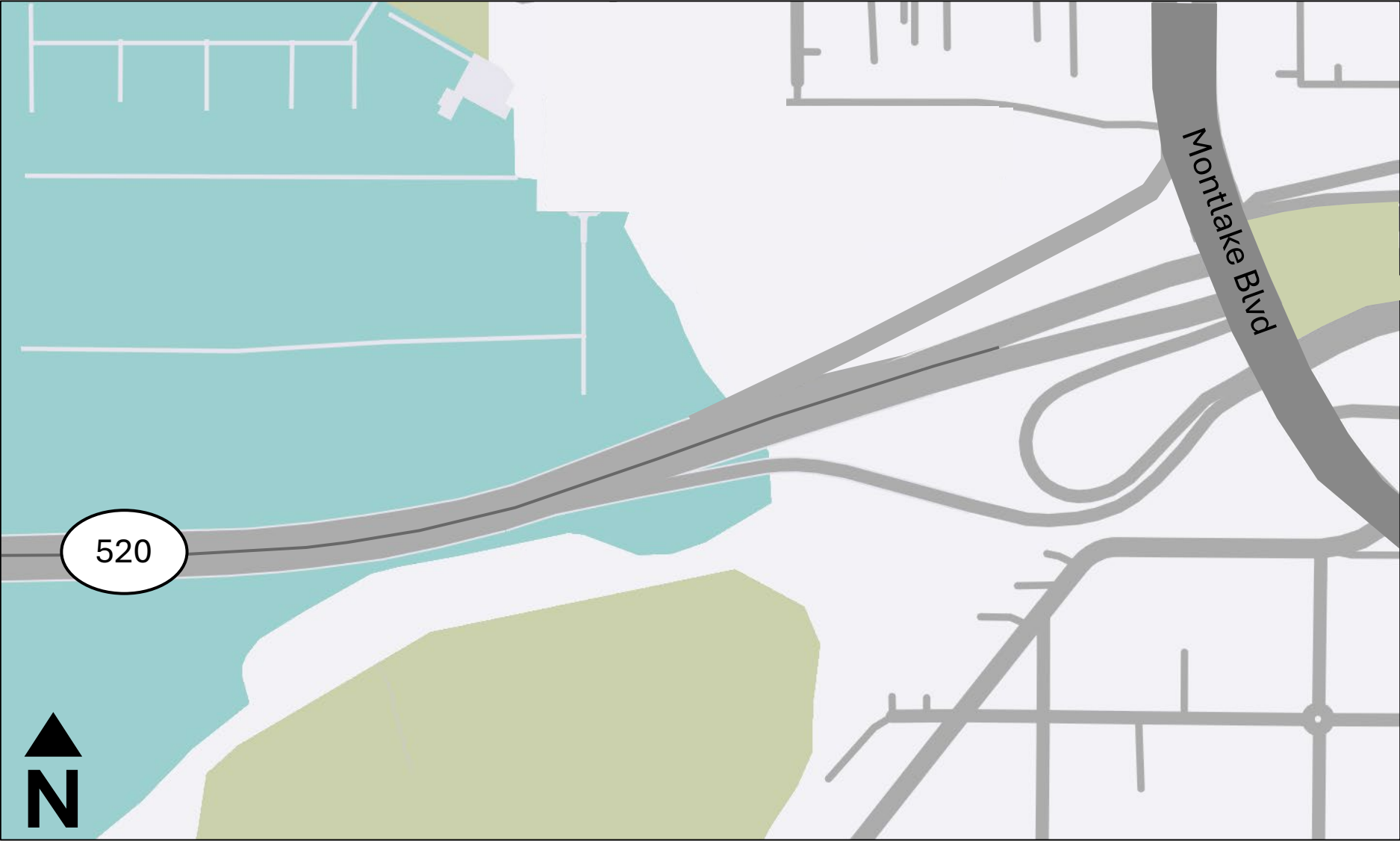
Temporary Bridge 1 Construction

- The first major traffic shift for this project will happen on the off-ramp at the east end of the Portage Bay Bridge, near Montlake Boulevard.
- This work will also 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.



Area for upcoming traffic changes.

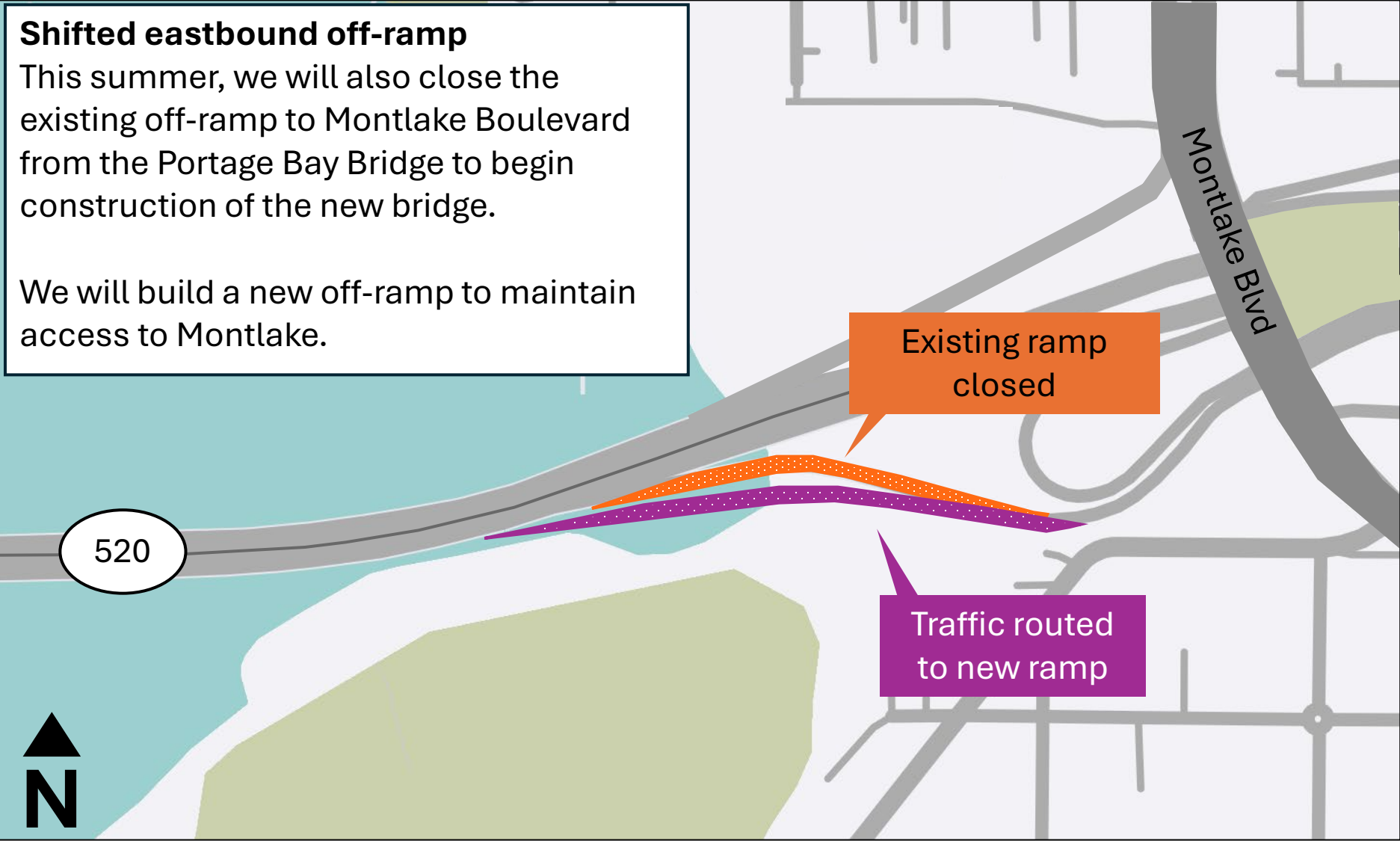
Montlake interchange: Existing conditions



Montlake interchange: Shifted off-ramp

Shifted eastbound off-ramp
This summer, we will also close the existing off-ramp to Montlake Boulevard from the Portage Bay Bridge to begin construction of the new bridge.

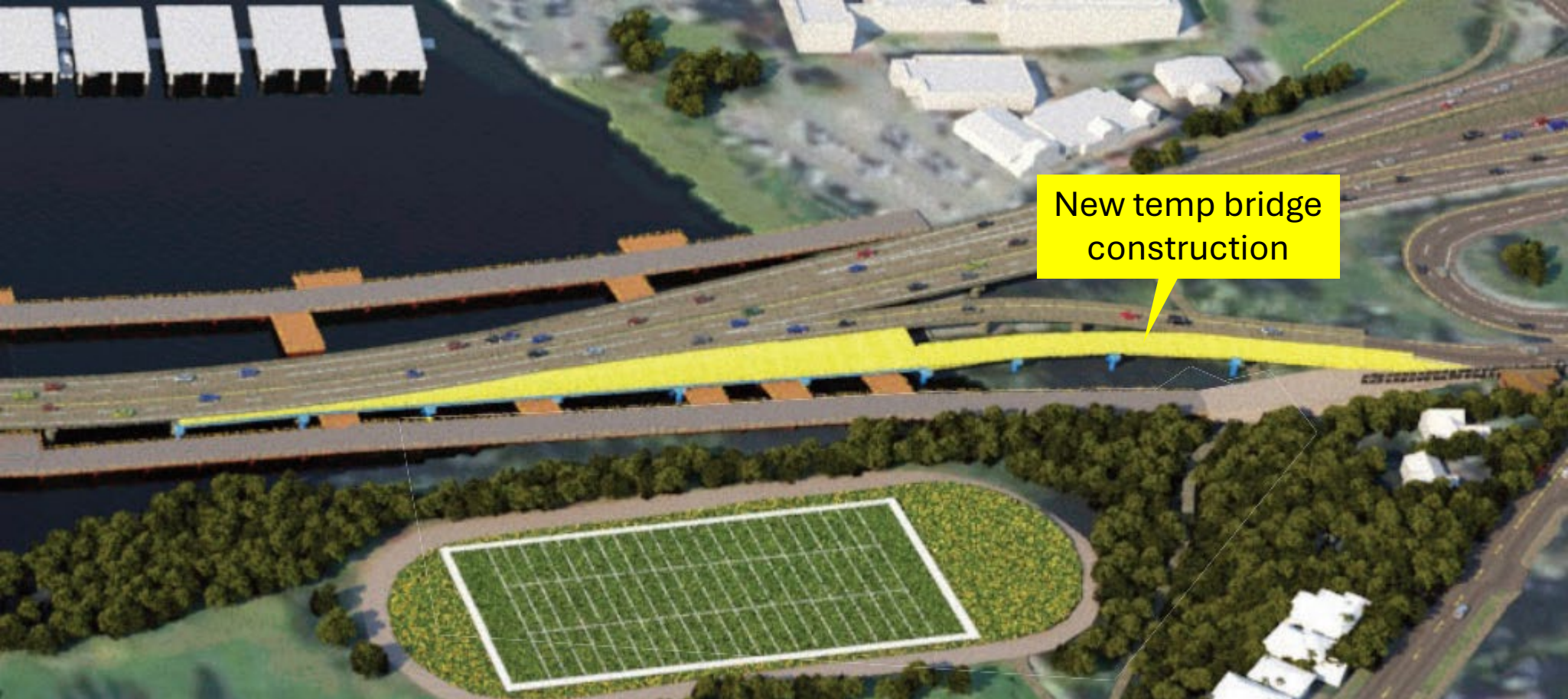
We will build a new off-ramp to maintain access to Montlake.



Montlake interchange construction details



Montlake interchange construction details

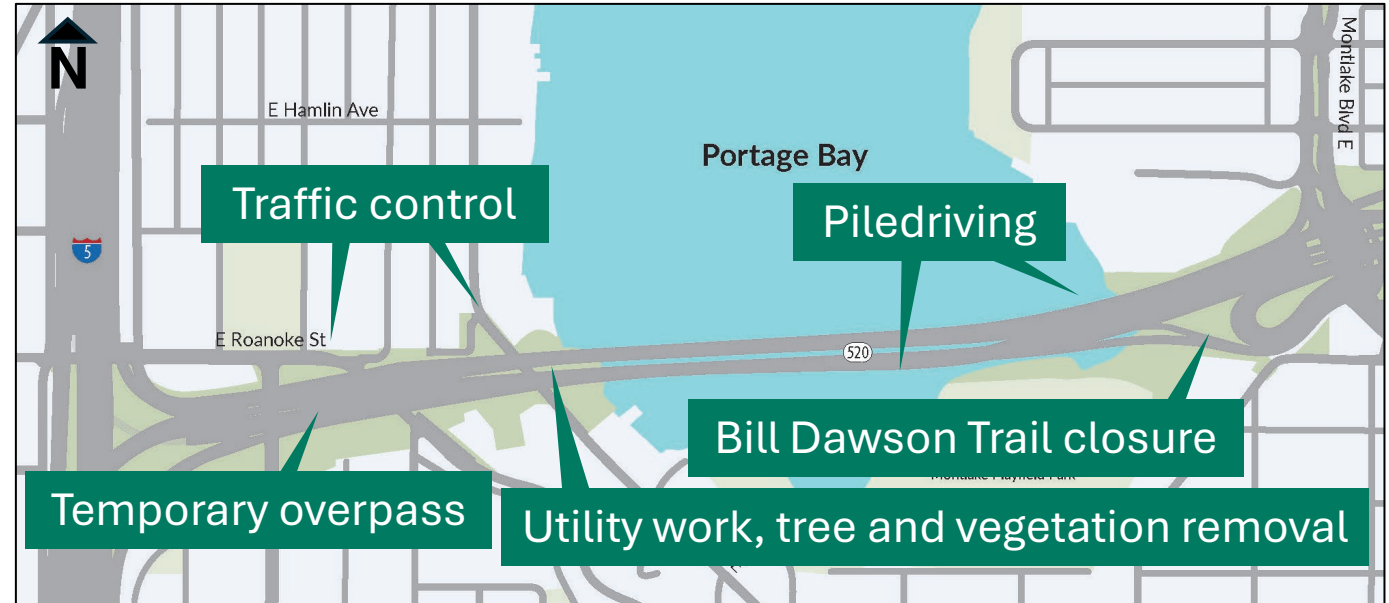


Long-term lookahead (2025)

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 in September.
- 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.

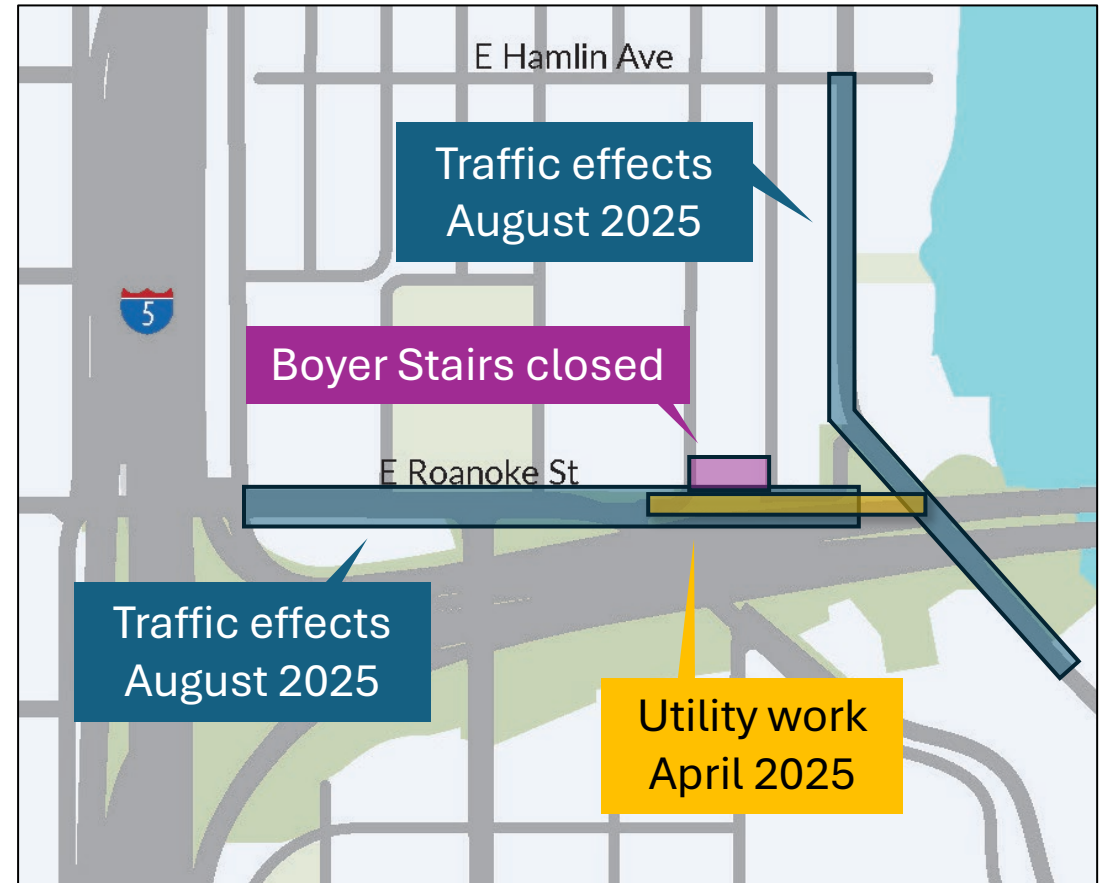
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Season 1 for in-water impact piledriving ends April 30, 2025.

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.

Utility work in Roanoke this summer

- Utility work on a watermain along East Roanoke Street is scheduled to begin in April 2025.
- Additional utility work on an 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.

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:

<https://bit.ly/4hyohIT>



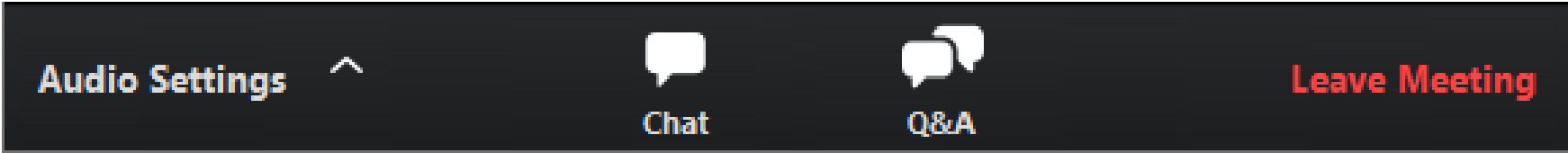
MEETINGS

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 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/changeover 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



Map of major project elements.