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August 2026 Construction Meeting

Please note that this meeting is being recorded.

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.

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Portage Bay Bridge and Roanoke Lid Project

August 2026 Construction Meeting

August 20, 2026

Please note that this meeting is being recorded.

Welcome

Facilitators

- Allan Vann, Skanska Public Information Officer
- Chris Hoffman, Skanska Public Information Officer

Presenters

- Raeanna Pittman, Skanska Engineer
- Steve Peer, WSDOT Communications

Meeting information

- Presentation on construction activities
- Q&A at the end of the meeting



Crews using a crane to move a rebar cage to the work trestle (June 2026)

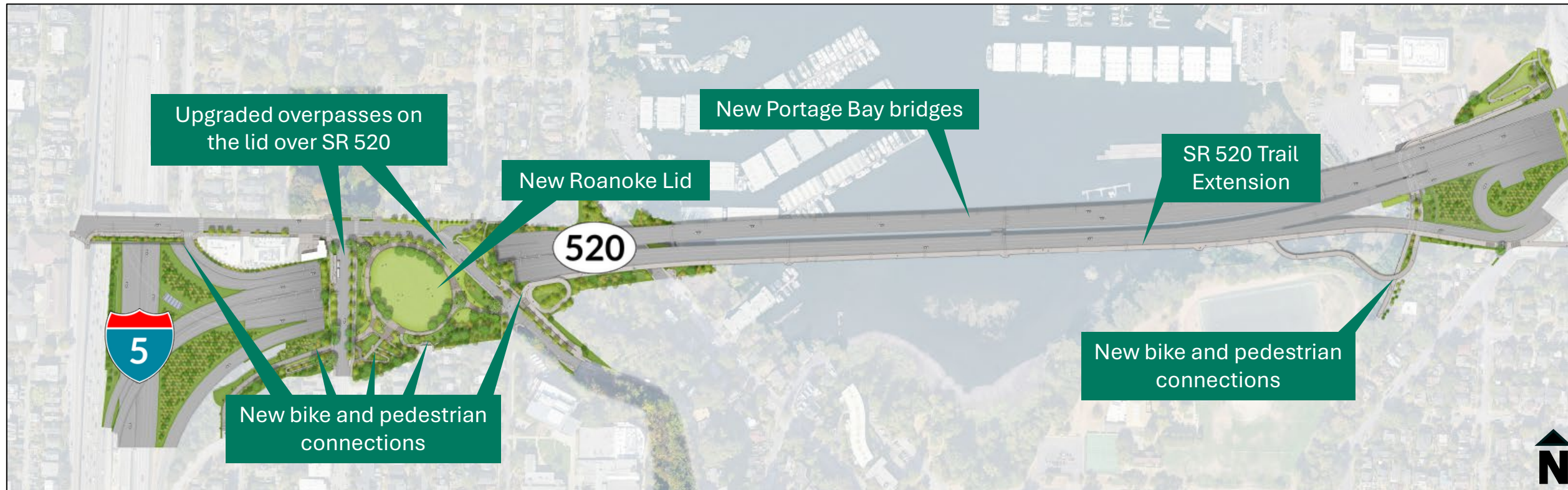
Agenda

- Project benefits and schedule
- Construction updates
 - Excavation near Boyer Avenue East
 - Drilled shaft update
 - Lid foundation update
 - Piledriving update
 - Acoustifence update
 - Montlake Boulevard sign bridge replacement
- Upcoming traffic impacts
- How to stay informed
- Q&A session



The Portage Bay Bridge project area looking southeast (July 2026)

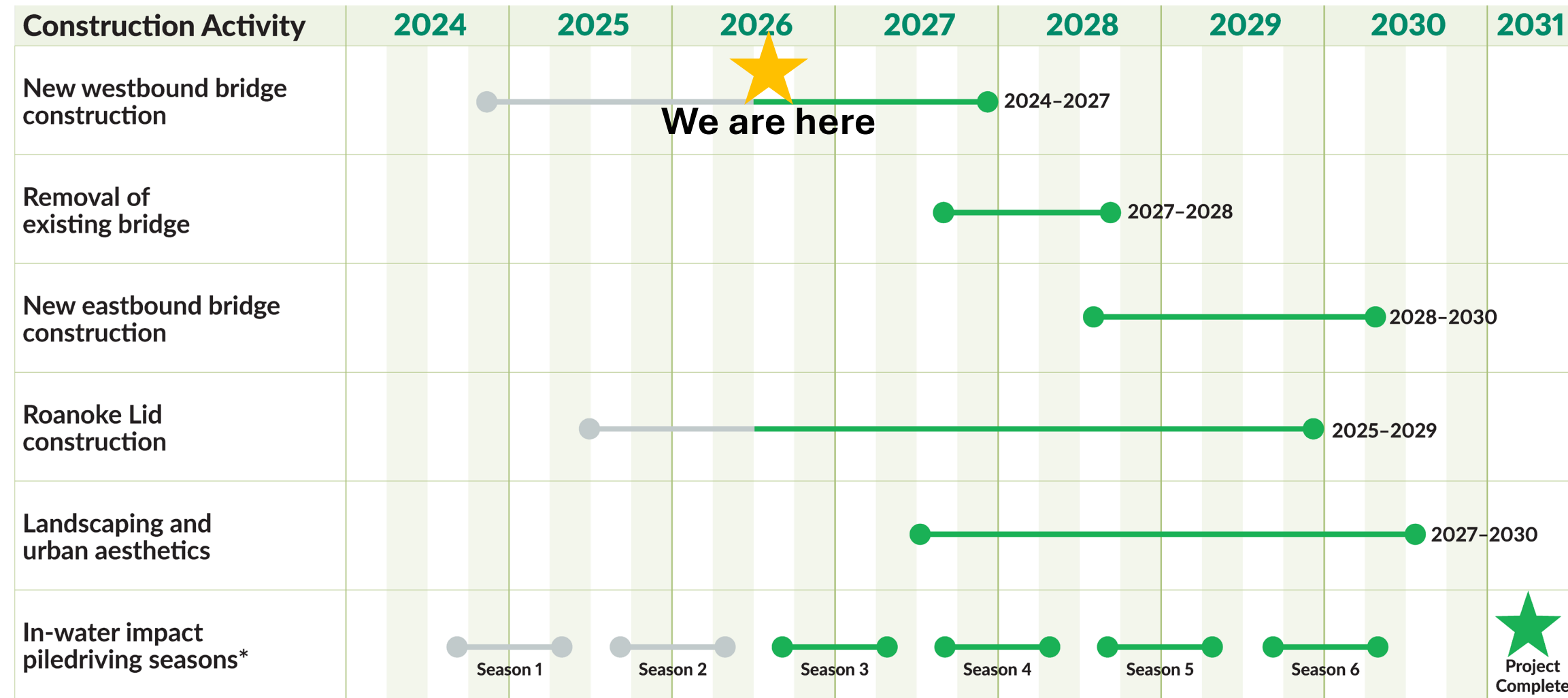
Project benefits



Map of major project elements.

Project schedule

Schedule subject to change



*In-water impact piledriving will occur in seasons annually from September through April. Impact piledriving on land and piledriving with a vibratory hammer will occur year-round.
UPDATE: We are now planning limited in-water piledriving in the 2027-2028 in-water piledriving season. We have added this additional work to the schedule above.

Excavation near Boyer Avenue East

Work near Boyer Avenue East

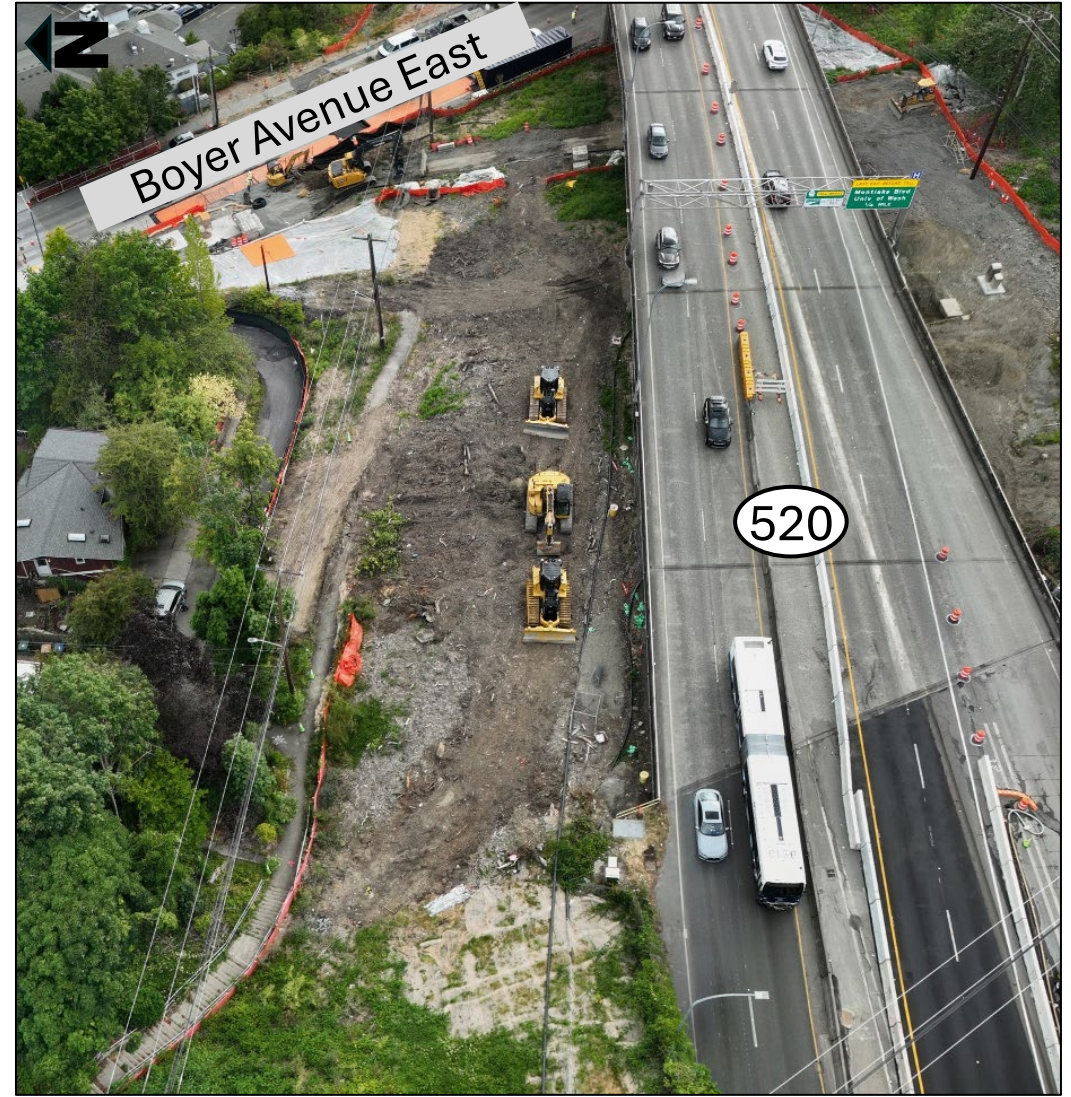
- Starting on July 20, we began excavation work on the Boyer hillside between the East Roanoke Street alley and SR 520 (near the old Boyer Stairs).
- Using excavators and dump trucks, crews are removing loose soil, reshaping the hillside, and placing new soil to prepare the area for permanent bridge foundations.



Excavation work area near Boyer Avenue East, looking southwest (July 2026)

Updated plan for work near Boyer Avenue East

- The soil-removal phase of the work is nearly complete and crews have begun delivering new soil to the area.
- Soil deliveries will occur through mid-September, with significantly fewer truck trips than were needed to remove excavated soil.
- Neighbors should expect the lane closure on Boyer Avenue East and intermittent trucking to continue through mid-September.



Excavation work area near Boyer Avenue East, looking east (July 2026)

Bridge foundations near Boyer Avenue East

- Crews are scheduled to complete the hillside regrading by the end of September.
- Beginning in September, crews will also mobilize equipment and materials for the next phase of bridge construction.
- Crews will then begin constructing on-land bridge piers for the new westbound bridge.
- This work includes installing drilled shafts for the two bridge piers west of Boyer Avenue East, similar to those used for the Roanoke lid.



Location of the upcoming bridge piers near Boyer Avenue East.

Permanent bridge foundations (drilled shafts) update

Vibratory casing installation finished for the summer

- We have finished vibratory casing installation for the summer.
- Crews are now installing rebar cages and pouring concrete into each shaft.
- Crews will build a total of twelve bridge piers for each bridge over the course of the project.



A map of the new westbound Portage Bay bridge pier locations.

Preparing the casings for rebar and concrete

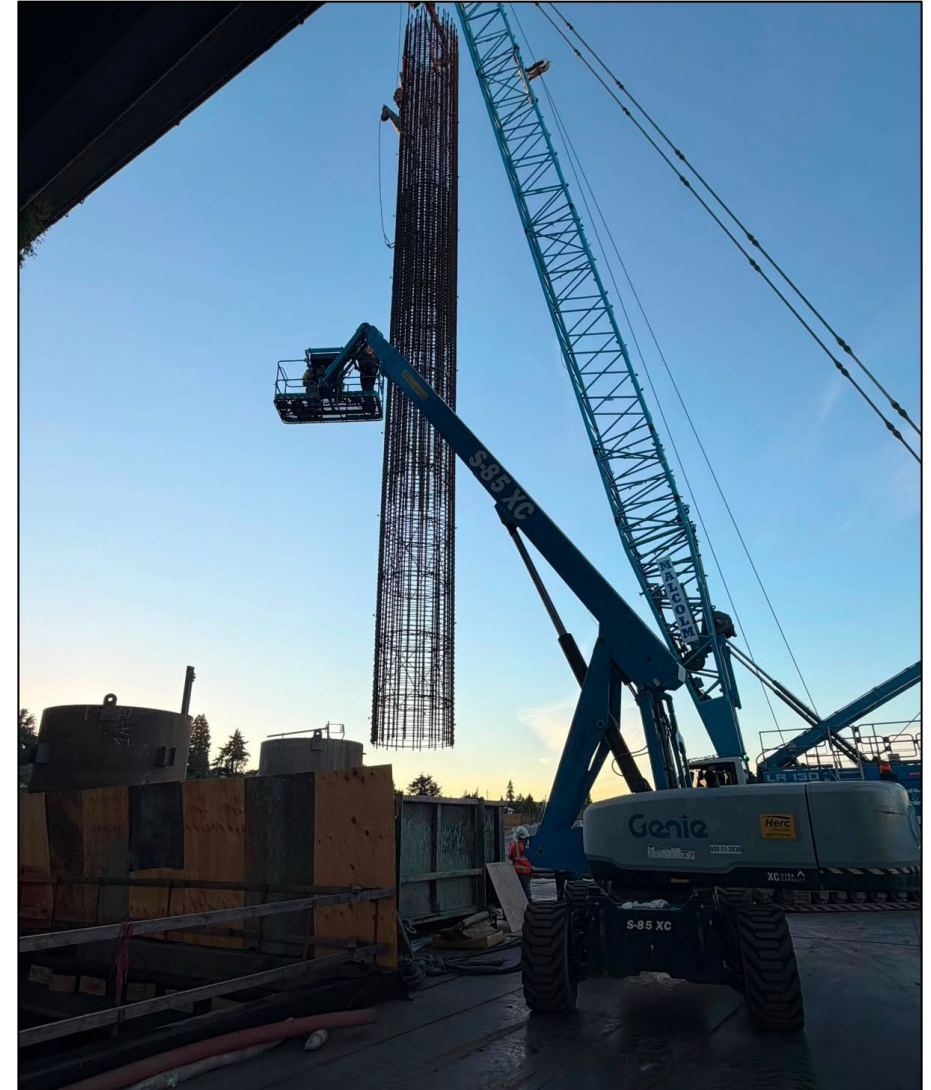
- We are now removing the soil from inside each casing and installing permanent rebar and concrete.
- Crews are using a bucket grabber to remove soil and load it into trucks.
- We haul material to a decanting area near the Montlake lid to dry before transporting it off site.
- Crews pump water out of each casing for treatment.
- Water is treated in Baker tanks near the Montlake Playfield and Roanoke Park.



Crews using a bucket grabber to remove soil from a drilled shaft casing (August 2026)

Installing rebar for drilled shafts

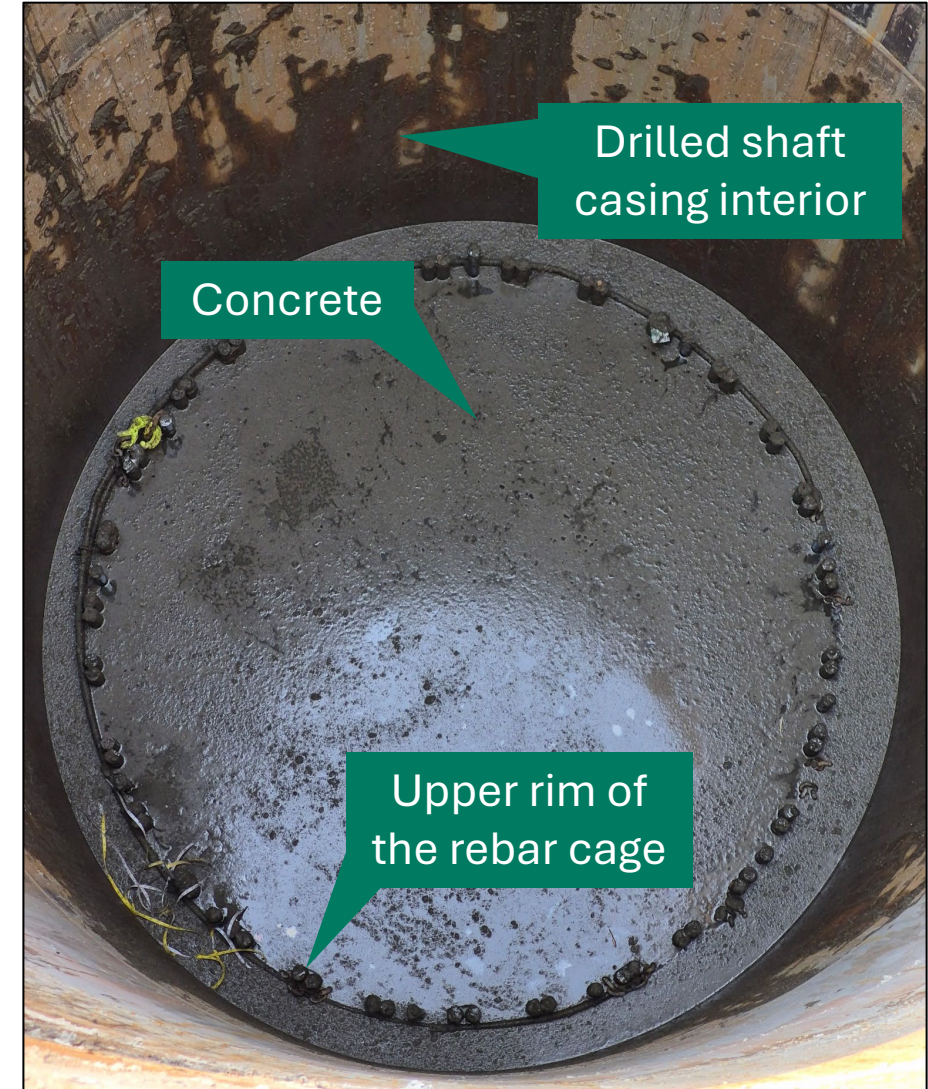
- Through the summer and into early fall, we will continue to use barges to bring in large rebar cages from the Lakepointe staging site in Kenmore.
- Each rebar cage is between 99 feet and 130 feet long.
- Crews are placing the rebar cages inside each of the installed casings.



Crews using cranes to install rebar cages into casings
(August 2026)

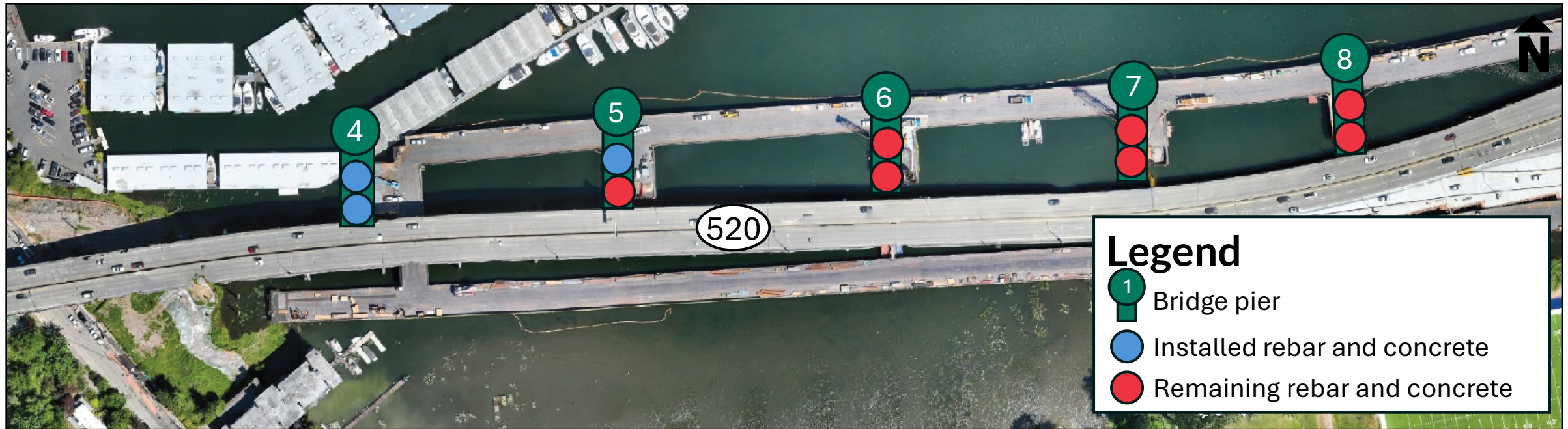
Pouring concrete in the drilled shafts

- After we place the each rebar cage, we will pour concrete to fill the shaft.
- When the concrete is cured, we will begin to build the next bridge elements, called columns and caps, on top of the drilled shaft.
- What to expect:
 - Barge deliveries from Kenmore to Portage Bay on weekdays
 - Crews will work during day and nighttime hours



Looking inside a drilled shaft after installing the rebar cage and pouring concrete (August 2026)

Drilled shaft rebar and concrete map

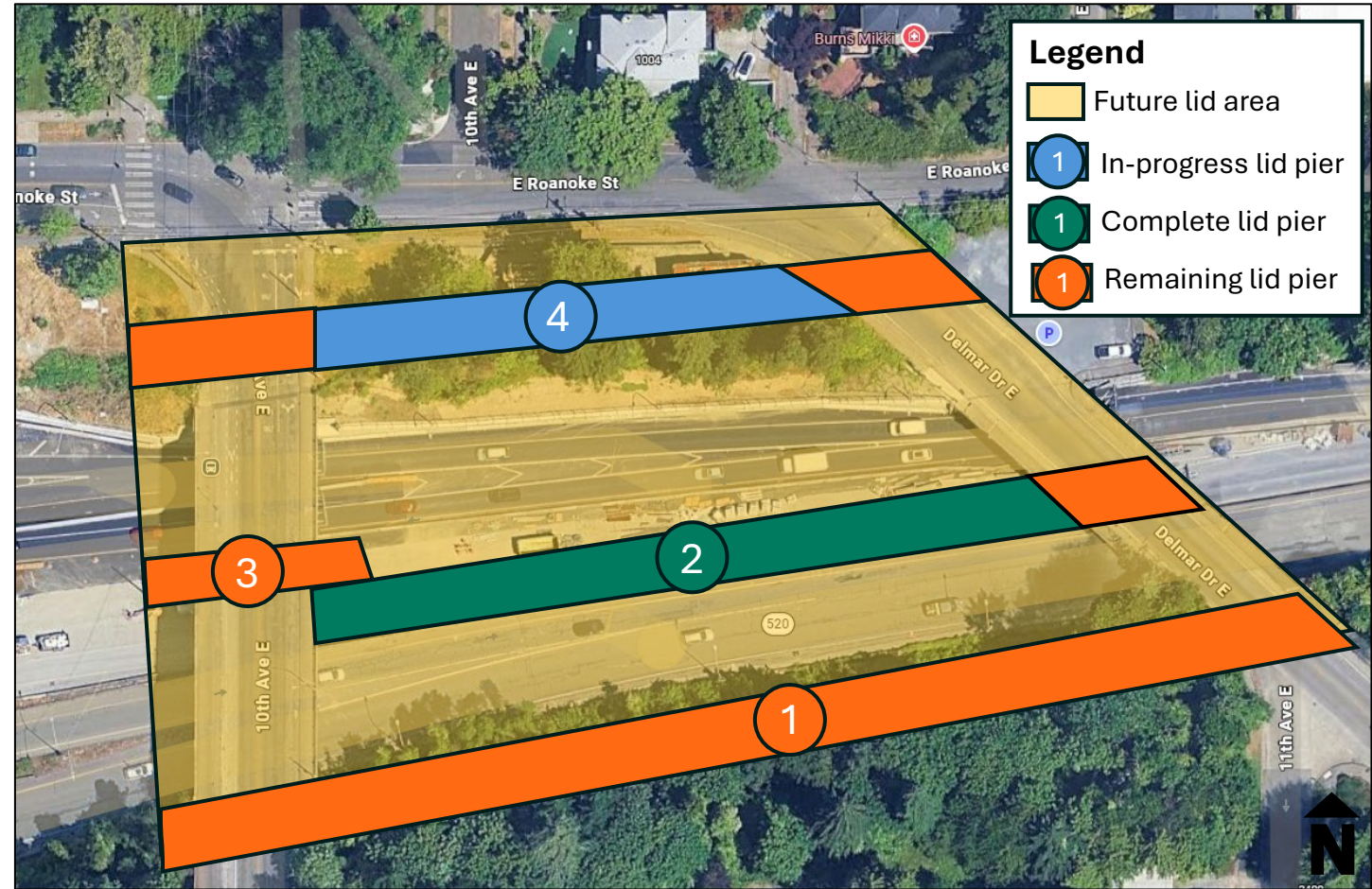


Map of current and upcoming rebar installation and concrete pour areas (for piers 4 through 8).

Roanoke lid foundation update

Roanoke lid foundation piers

- Crews continue to install foundation piers for the Roanoke lid.
- We are scheduled to complete lid pier 4 in late fall.
- Crews installed most of lid pier 2 earlier this year.
- Starting in mid-August, crews began work for lid pier 1.
- Through mid-September, crews will continue to use vibratory extractors to remove existing support pilings for lid pier 1.



A map of the Roanoke lid pier locations.

Building lid piers: Construction sequence

To build each lid pier, crews will:

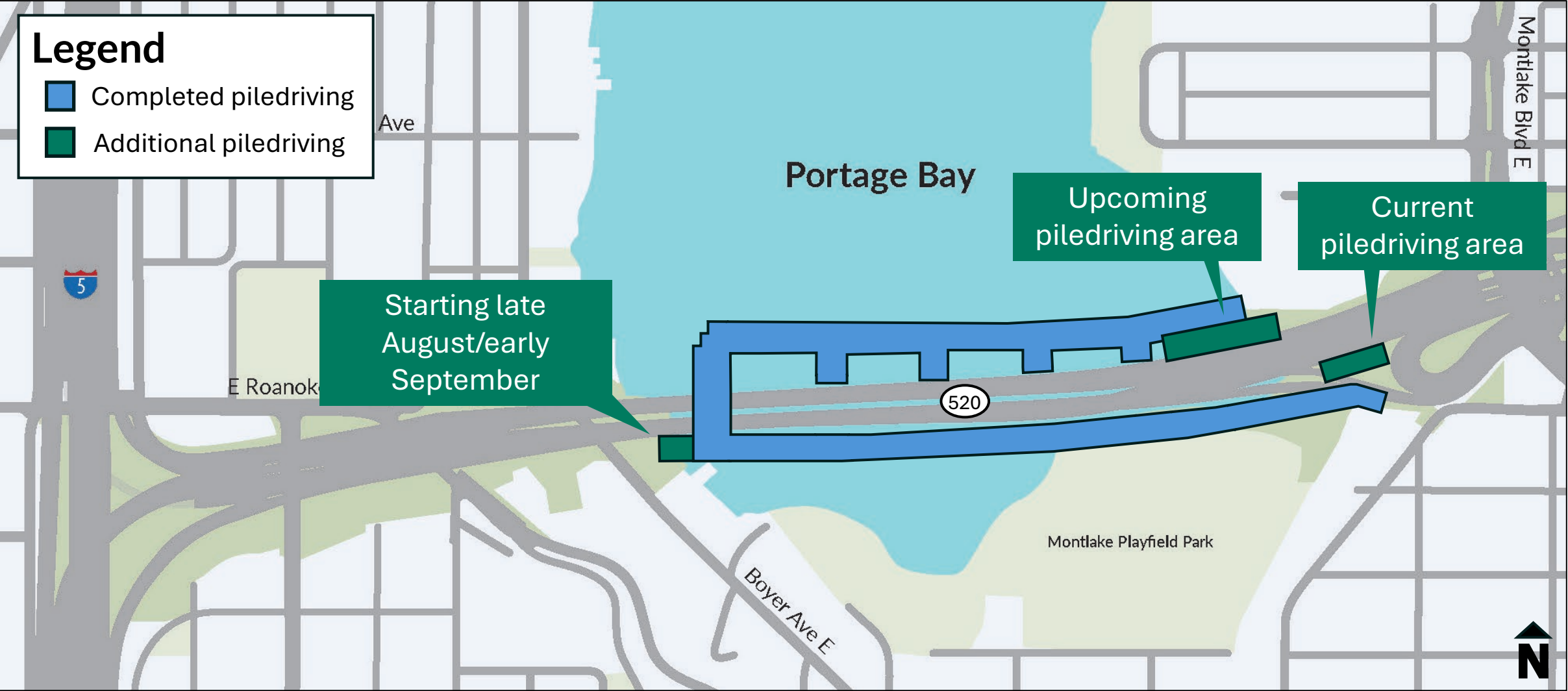
1. Prepare the work zones by re-grading the area where we will install each pier.
2. Oscillate casings into the soil, set rebar in the casing, and pour concrete.
3. Place pillar forms and pour concrete into the forms.
4. Remove the pillar forms and pour concrete 'caps' on top of the pillars.



Crews installing lid pier 4 near Roanoke Park (July 2026)

Piledriving update

Piledriving in Portage Bay



Map of current piledriving activities.

Piledriving near Boyer Avenue East

- Starting as soon as the first week of September, crews will begin installing piles near Boyer Avenue East using an impact hammer.
- We install piles intermittently in this area through September.
- We will use these piles to create a temporary haul road connection to and from Boyer Avenue East.
- We expect the haul road to be in use by the end of September.

***Upcoming haul route connection to Boyer Avenue East**

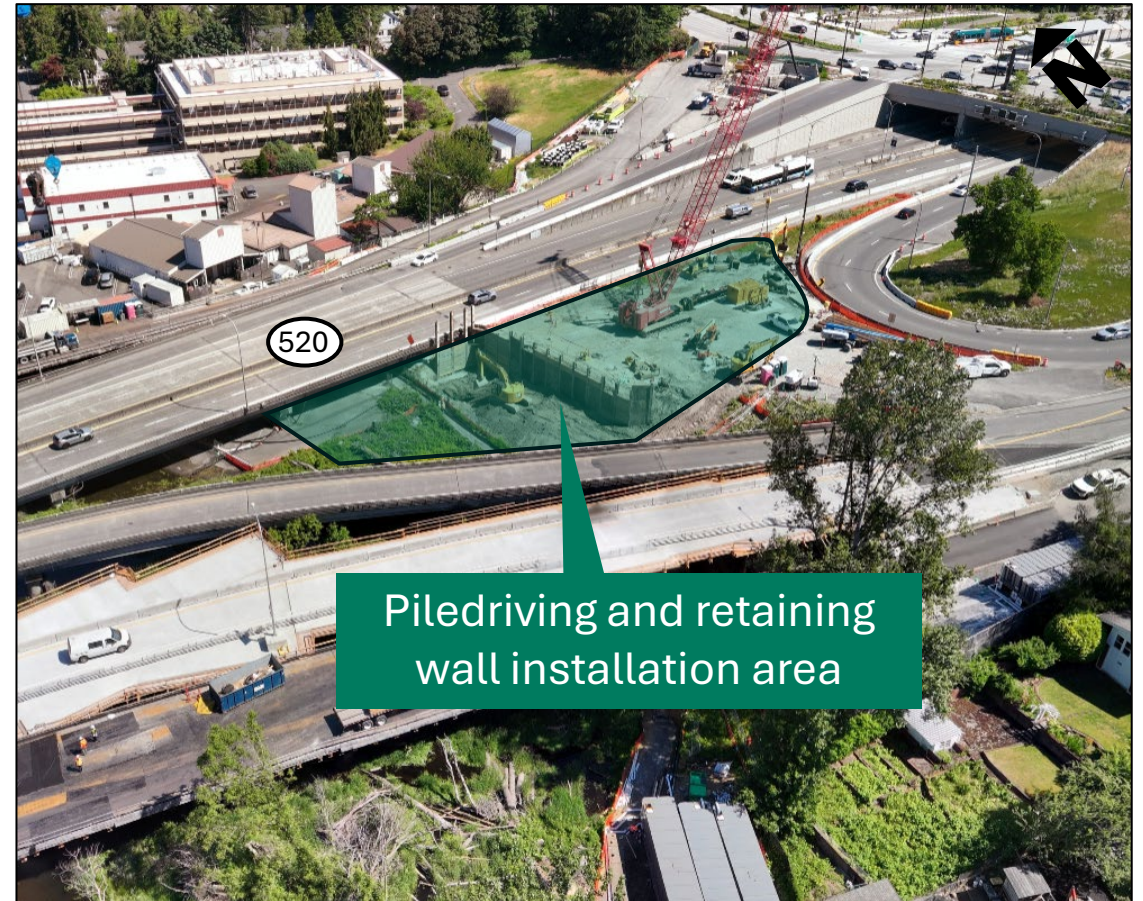
As a reminder, crews will need to extend the work trestle and build roadway after piledriving is complete. Nearby neighbors can expect crews to access the work from Boyer Avenue East.



Graphic showing the piledriving area between the work trestle and Boyer Avenue East.

Piledriving near the Montlake lid

- Continuing through the fall, crews will install piles between SR 520 and the eastbound SR 520 off-ramp to Montlake Boulevard.
- These piles will be used to create a retaining wall to support a new temporary roadway.
- The new temporary roadway will be built later this year.



Piledriving area between SR 520 and the eastbound SR 520 off-ramp to Montlake Boulevard (July 2026)

Season 3 of in-water piledriving starts Sept. 1

- This fall, crews will begin piledriving on the north side of SR 520 near the Montlake lid.
- Crews will build new "fingers" off the work trestle using these new piles.
- Crews will use these fingers as platforms to install additional drilled shaft casings in the future.

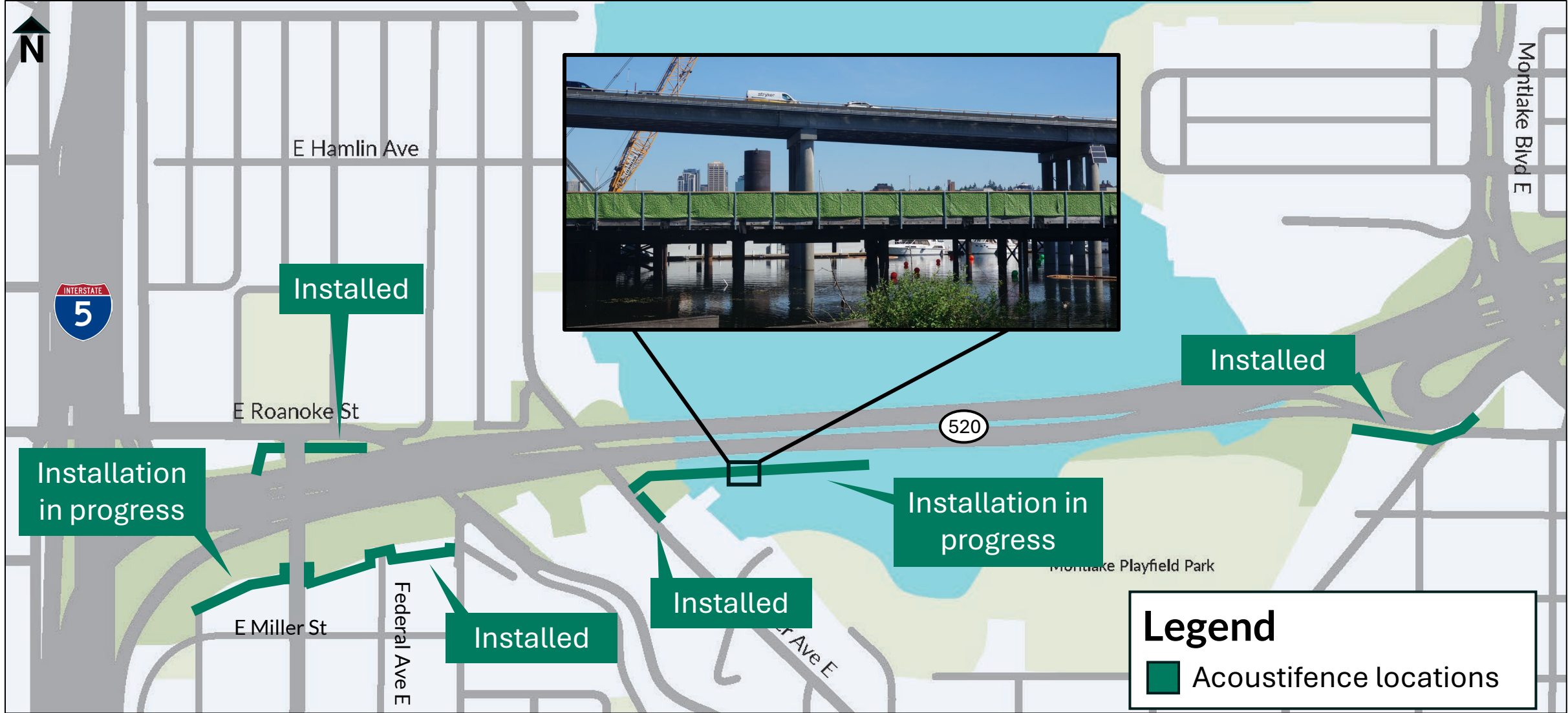


Piledriving area along the work trestle near the Montlake Lid.

Acoustifence

Installing acoustifences

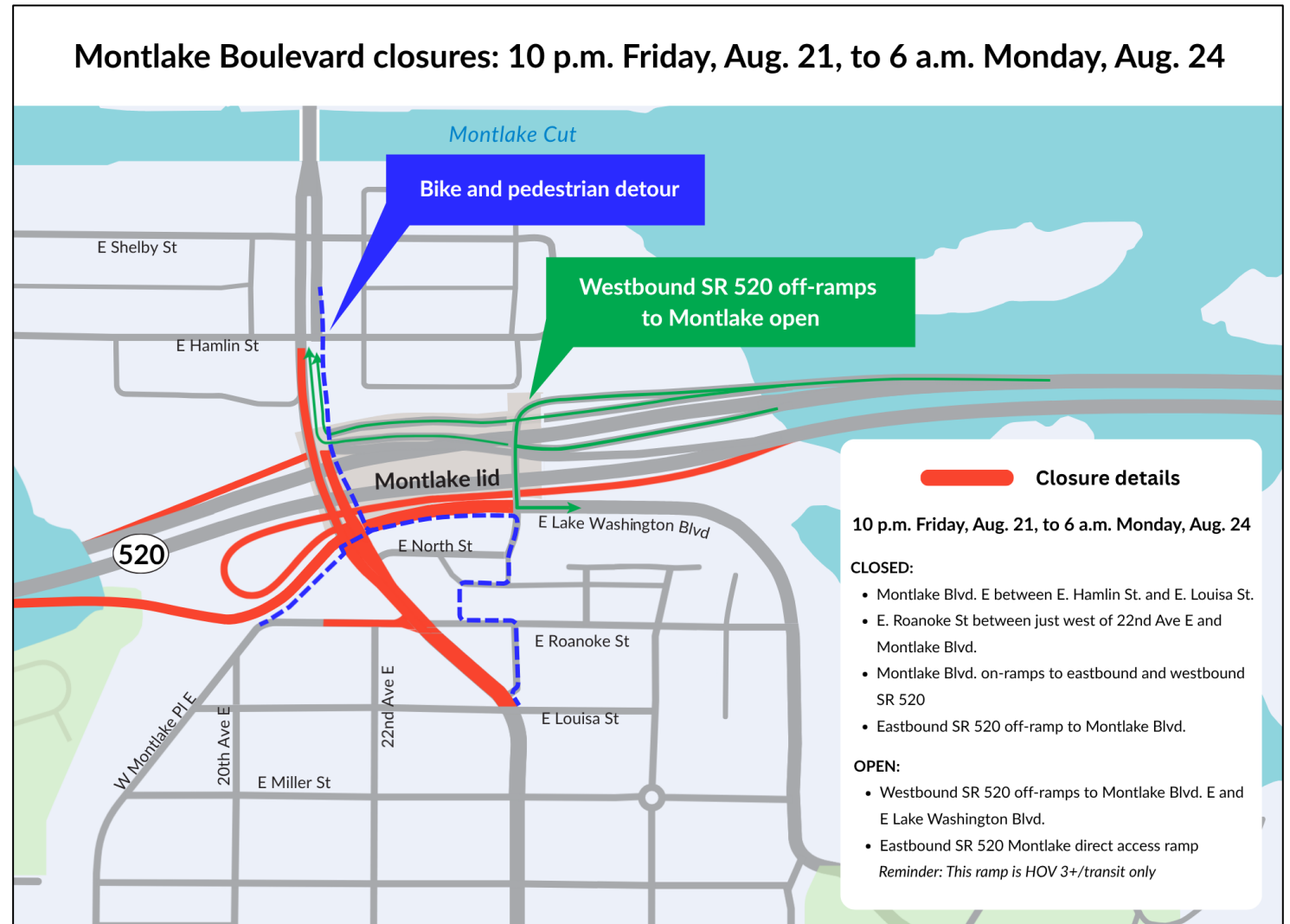
Schedule subject to change



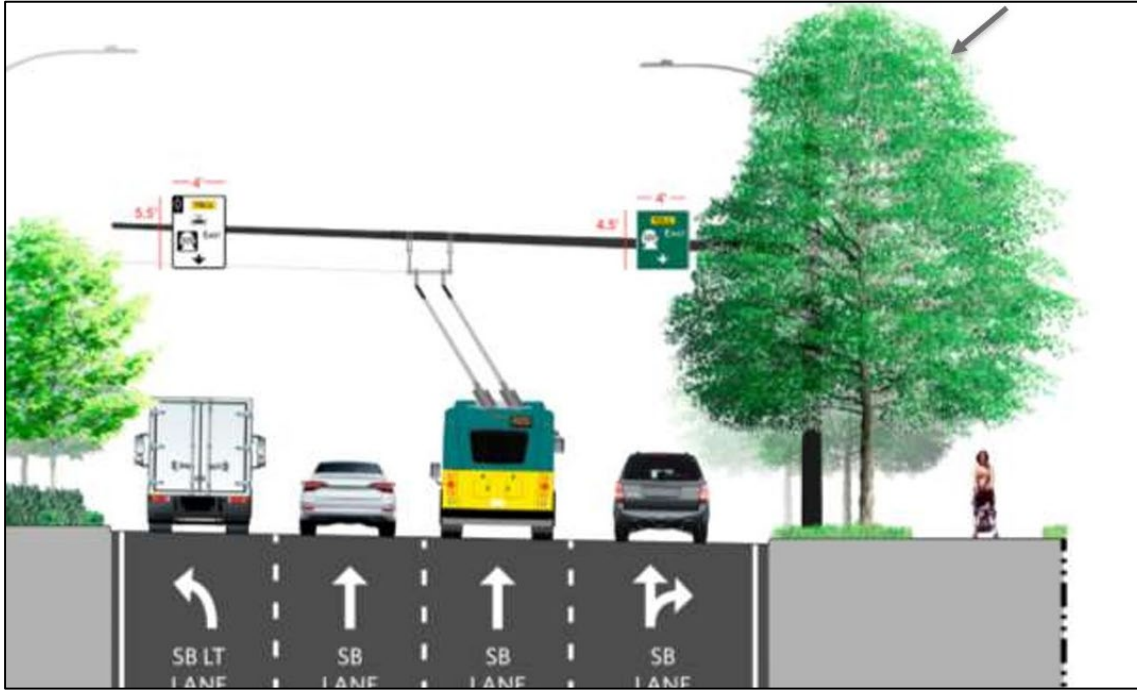
Montlake Boulevard sign bridge replacement

Montlake Project – sign bridge replacement closures

- Next weekend closure:
 - August 21-24
- We are installing new mast-arm structures with signs as a result of community-recommended signage changes.
- We will also use the closure to complete more Montlake punch list/closeout items.



Montlake Project – sign bridge replacement closures



Rendering showing new mast arm over southbound Montlake Boulevard



Aerial view (looking north) of Montlake Boulevard

Montlake Project – sign bridge replacement closures



Upcoming traffic impacts

Upcoming planned closures

Dates subject to change

- **Aug. 21 – Aug. 24:** Montlake Boulevard closed from East Hamlin Street to East Louisa Street from 10 p.m. Friday to 6 a.m. Monday
- **Aug. 20:** Delmar Drive East closed overnight from East Roanoke Street to 11th Avenue East from 10 p.m. to 6 a.m.
- **Aug. 19 – Sept. 3:** Westbound SR 520 off-ramp to northbound I-5 and E. Roanoke St. closed select nights.
- **Sept. 2 – Sept. 3:** Eastbound SR 520 off-ramp to Montlake Boulevard closed nightly from 10 p.m. to 6 a.m.
- **Sept. 12 – Sept. 19:** Eastbound SR 520 off-ramp to Montlake Boulevard closed around-the-clock.
- **Sept. 14 – Sept. 17:** Boyer Avenue East closed nightly from East Roanoke Street to Everett Avenue East
- **July 13 – Dec. 31:** Northbound I-5 reduced to two lanes over the Ship Canal Bridge (*Revive I-5 Project*)

Visit Construction Corner @ [sr520construction.com](https://www.sr520construction.com) for the most up-to-date closure information.

How to stay informed



PORTAGE BAY CONSTRUCTION HOTLINE

24-hour phone line for Portage Bay Project construction questions.

206-319-4520



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

sr520construction.com



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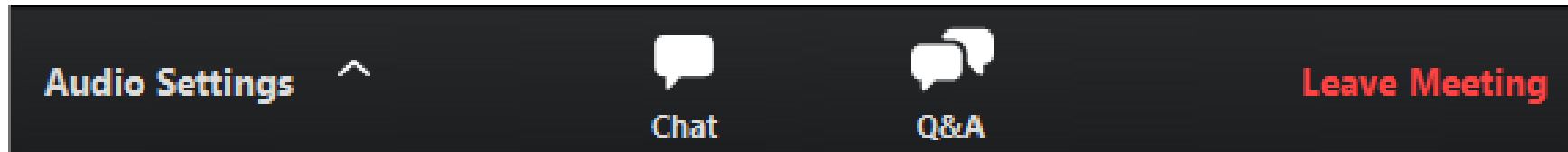


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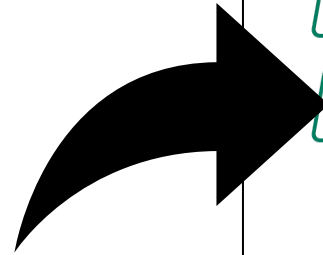


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