We will pause for just a moment while Zoom adds everyone to the meeting.
Major project elements

The Montlake Project will improve transportation for motorized and nonmotorized travel along the SR 520 corridor, including:

- A new eastbound bridge
- Montlake lid
- Bicycle and pedestrian bridge

Montlake lid construction.
How to participate in the 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

- Current and upcoming work
- Comments and questions
- How to stay informed

Looking west over Montlake lid construction.
Montlake lid — deck construction

Crews fill in the spaces between the girders. This work will allow crews to pour concrete and form the lid’s surface.

Crews work above and underneath the lid to prepare the girders before pouring the concrete to complete the structure.
Montlake lid — deck pour

This month crews began pouring the concrete deck for the lid.

Deck pour, April 5.

Deck pour, April 5.
54-inch water line

Crews successfully installed a new water line under SR 520 and filled in the north and south work shafts. They are now working in the Hamlin alley and at North Street to make the water line’s final connections.

Sections of the 54-inch water line awaiting installation.

The north and south shafts are work locations for the 54-inch water line.
54-inch water line: North Street

North Street is closed at Montlake Boulevard until June to connect the new water line on the south side.
Eastbound bridge demolition

Crews remove the old bridge with concrete saws and use the blue gantry cranes to load large sections onto flatbed trucks to haul off-site.

Removing the old eastbound bridge one piece at a time.

Concrete being loaded onto trucks.
Eastbound bridge construction

Crews continue constructing the new bridge over Lake Washington. Using a vibratory hammer, crews drive steel tubes, called casings, into the lakebed. They fill these casings with rebar and concrete, forming the support columns for the new eastbound bridge.

- To protect migrating fish, on April 13 we paused vibratory work east of Foster Island until September/October.

- Above water bridge removal and construction will continue. You may still experience noise and vibration from these activities.
Eastbound bridge construction

The final concrete columns are being manufactured off site to speed construction and reduce the amount of in-water work required.

Delivery and installation of the first pre-fabricated column.
Eastbound bridge construction

- Neighbors might experience noise and vibrations from bridge demolition and construction.
- Work may occur 24 hours a day. Typical work hours will be 7 a.m. to 10 p.m.
Bridge construction progress
What to expect: Noise and vibration

- Different types of equipment result in different levels and kinds of noise and vibration.
- Electronic noise and vibration meters record levels throughout the project area.
- Vibration monitors collect data in the field and immediately alert the project team when readings are outside the set tolerances.
- Nighttime construction has stricter rules for noise levels and equipment use.
- We've received a Major Public Project Construction Noise Variance (MPPCNV) permitting higher than normal decibel levels between the hours of 10 p.m. and 7 a.m.
- Crews may work 24 hours a day, seven days a week throughout construction.
- Typical work hours for the loudest work:
  - 7 a.m. to 10 p.m. weekdays
  - 9 a.m. to 10 p.m. weekends and holidays
  - Impact pile driving has stricter work hours and will occur:
    - 8 a.m. to 5 p.m. weekdays
    - 9 a.m. to 5 p.m. weekends
- Independent noise monitors will be present for night work to ensure compliance with specified noise levels.

Visit the SR 520 Construction Corner to view the MPPCNV, read up on the allowable nighttime decibel levels, or read our weekly noise report: www.sr520construction.com/ManagingConstructionEffects

Our 24-hour hotline, 206-775-8885, is the best way to report noise and vibration concerns and to have questions addressed in the moment.
How to stay informed

- Call our 24-hour hotline: **206-775-8885**
- Email us with questions: **sr520bridge@wsdot.wa.gov**
- Visit the Montlake Project website: **www.wsdot.wa.gov/projects/sr520/montlake**
- Visit the SR 520 Construction Corner to learn more about upcoming construction: **www.sr520construction.com**
- Follow us on Twitter: **@wsdot_520**
- Sign up for our email updates by emailing us at **sr520bridge@wsdot.wa.gov**
- Watch construction in “real time” on our four construction cameras: **http://bit.ly/520cams**
- Participate in our online meetings and events

*Construction Corner map.*
Montlake Bridge preservation

- Replace 84 grid deck panels dating back to 1998.
- Repair two expansion joints.
- Mechanical rehabilitation.
Why we need to do this now
Extended Montlake Bridge closures

First phase (Aug. 9 – Sept. 2)
- Grid deck and expansion joint replacement
  - Up to 26 days, closed to vehicle traffic, sidewalks open

Second phase (weekend closures beginning after Labor Day)
- Mechanical work
  - Up to five weekends, closed to vehicle traffic, sidewalks closed
Stay tuned for updates!

- Project webpage
- Weekly e-newsletter
- WSDOT Blog
- Twitter: @wsdot_traffic
- WSDOT on Facebook
- Your usual WSDOT sources for SR 520 construction news