Montlake Project
Monthly Construction Update

Jan. 19, 2022

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

Illustration of major project elements.

Construction of new eastbound bridge.
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
• How to stay informed
• Comments and questions

Demolition work on the eastbound SR 520 bridge.
Demolishing the Montlake Boulevard overpass

Most of the old Montlake Boulevard overpass was demolished in October. The remainder was removed on Jan. 13, 14 and 18.

Sept. 13: Montlake overpass looking west.

Nov. 11: Montlake overpass looking west.
Bicycle and pedestrian tunnel

We’re building a tunnel under Montlake Boulevard to connect the SR 520 Trail across Lake Washington all the way to the Montlake Playfield.

Construction area for the future bicycle and pedestrian tunnel, looking northeast. (Nov. 11)
Bicycle and pedestrian bridge

The bicycle and pedestrian bridge is starting to take shape in East Montlake Park.

Construction of the bridge will resume in early spring after this earthen abutment has been allowed to settle.

Rendering of future bicycle and pedestrian bridge.
The path under SR 520 will be removed this spring.

The temporary on-ramp from Lake Washington Boulevard to eastbound SR 520 will be removed in late spring or early summer.
Crews will close the westbound off-ramps to build a supporting wall for the Montlake lid. We plan to close these ramps during a few weekends in January and February, but this work depends on the availability of concrete.
Eastbound bridge demolition

Crews continue to demolish the old bridge and have removed all of the deck spans and pier columns.

Removing deck spans and girders from the eastern edge of the project.

Using equipment hanging from cranes, crews shear the old bridge columns below the lakebed.
Eastbound bridge construction

The bridge is being constructed using pre-fabricated columns and girders.

In this photo, you can see a beam being installed across two columns.

So far, we've placed 58 of 80 columns and 110 of 225 girders. Decking will be poured on top of the girders.
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.

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.

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
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.
SR 513 Montlake Bridge - Closed Jan. 21-24

- **Full bridge closure:**
  10 p.m. Friday, Jan. 21 – 5 a.m. Monday, Jan. 24

- **No sidewalk access.**
  Pedestrian and bicyclist shuttles will run between each end of the bridge using a detour route.

- Crews will reinstall the center lock of the bridge and align each side.
SR 513 Montlake Bridge
Spring weekend closure

- Full bridge closure for up to one weekend
- Dates and times to be determined
- Bridge sidewalks could possibly remain open
- Crews will repave the bridge approaches on each end
How to stay informed

Montlake Bridge

• Visit the Montlake Bridge website: 

• Sign up for our email updates by emailing sr520bridge@wsdot.wa.gov

• Follow us on Twitter: @wsdot_Traffic

• WSDOT on Facebook
Comments and questions?