

# Montlake Project

## Monthly Construction Update

Nov. 16, 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.*



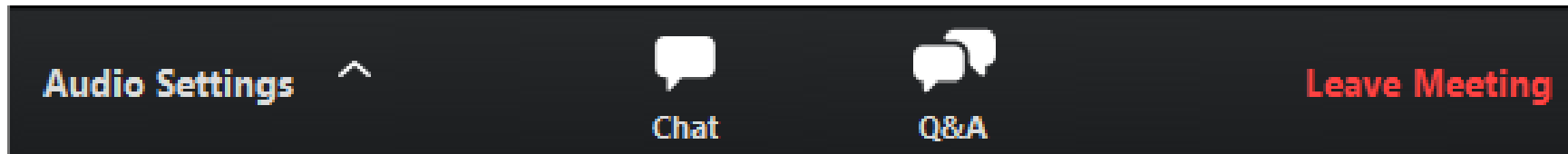
*Construction of new eastbound bridge. (Oct. 7)*

# 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



*Looking west over the Montlake lid (Oct. 7).*



# Building the Montlake lid

Crews will start installing girders on the west side in early 2023.



*Girder installation zones.*



*Preparing for 2023 girder installation on the west side of the Montlake lid. Pier 2 is under construction in the center of the roadway. (Nov. 1)*



# Building the Montlake lid

In October, crews poured concrete to extend the Montlake lid east



*Montlake lid extension (Oct. 07).*



*Recently poured concrete on the east side of the Montlake lid (Oct. 27)*



# Retaining wall and drainage installation

This month, crews are installing a retaining wall and drainage pipes below Lake Washington Boulevard East. Impacts on nearby residents include vibration from soil compaction and nighttime construction noise.



*View east over the Montlake lid (Oct. 7).*



*Work zone for recent nighttime work.*

# Lake Washington Boulevard berm design

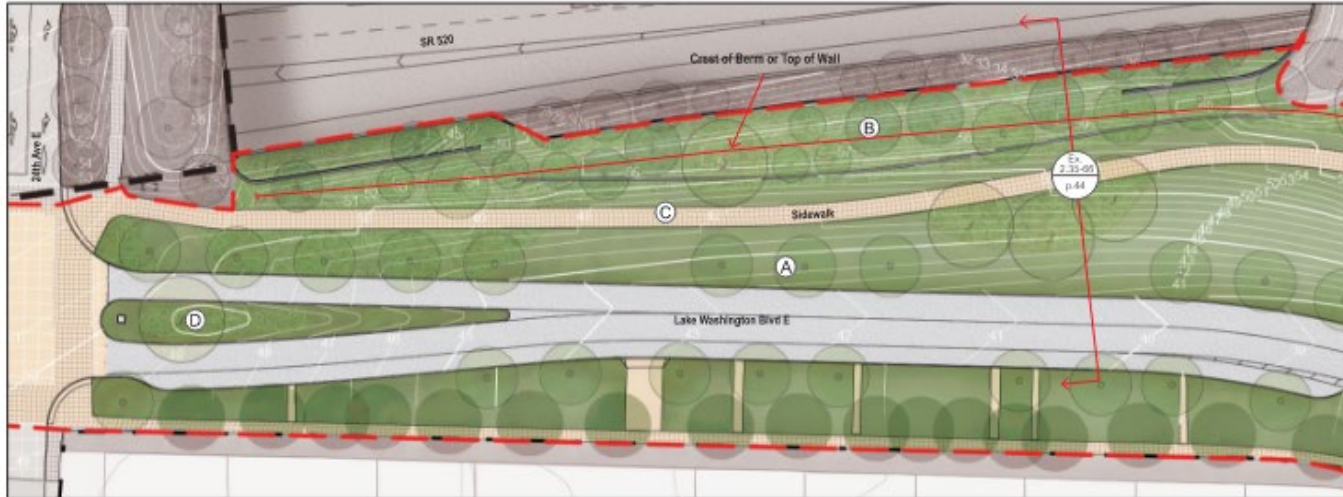


Exhibit 2.35-65: E Lake Washington Blvd east of 24th detail plan

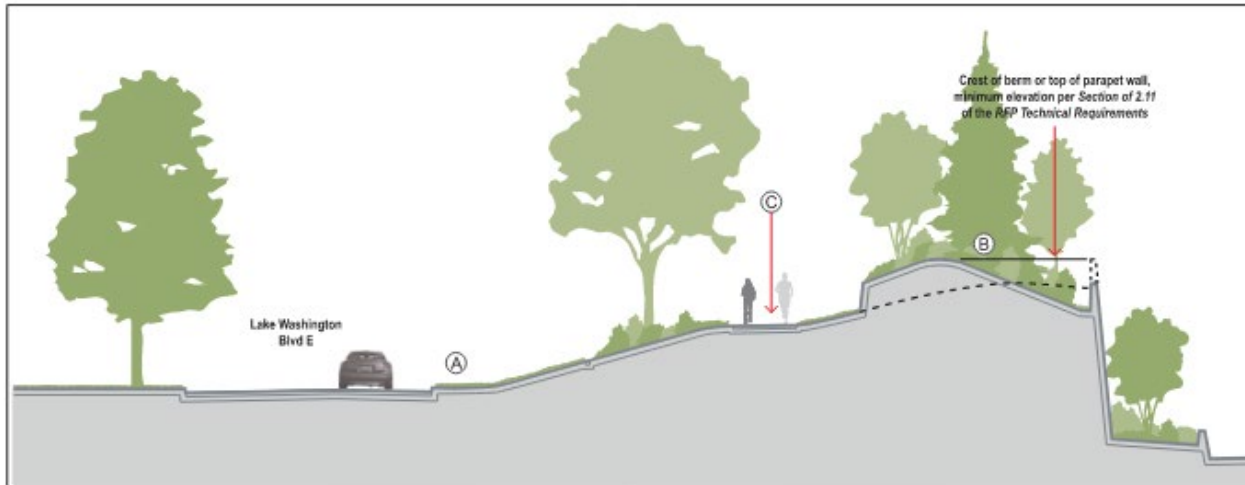


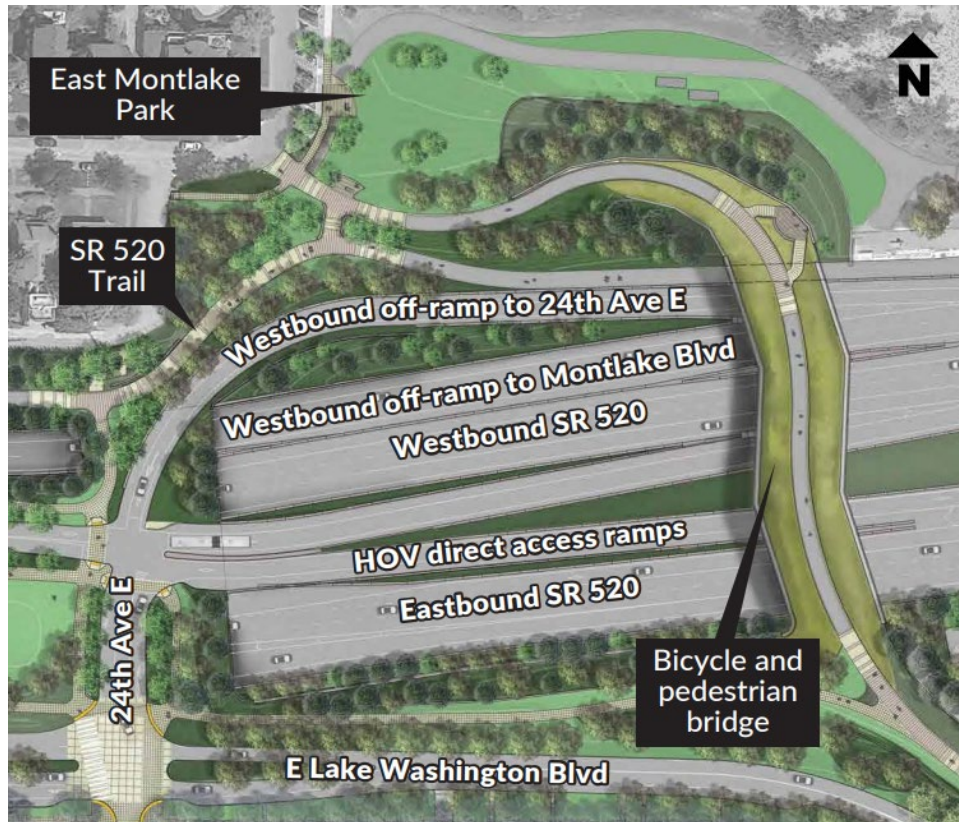
Exhibit 2.35-66: E Lake Washington Blvd east of 24th Ave E section

These renderings are from the urban design manual prepared in February 2018 for use in the SR 520 Montlake program's design build process.



# Bicycle and pedestrian bridge

Crews continue building the support structure for the bicycle and pedestrian bridge across SR 520.



Site of future bicycle and pedestrian bridge over SR520 (Oct. 7).



# Bicycle and pedestrian tunnel

Construction is continuing for a tunnel under Montlake Boulevard to connect the SR520 Trail across Lake Washington to the Bill Dawson Trail.



West end of the tunnel under Montlake Boulevard (Nov. 1).



# Bridge construction



*Green rebar will reinforce the concrete bridge deck.*

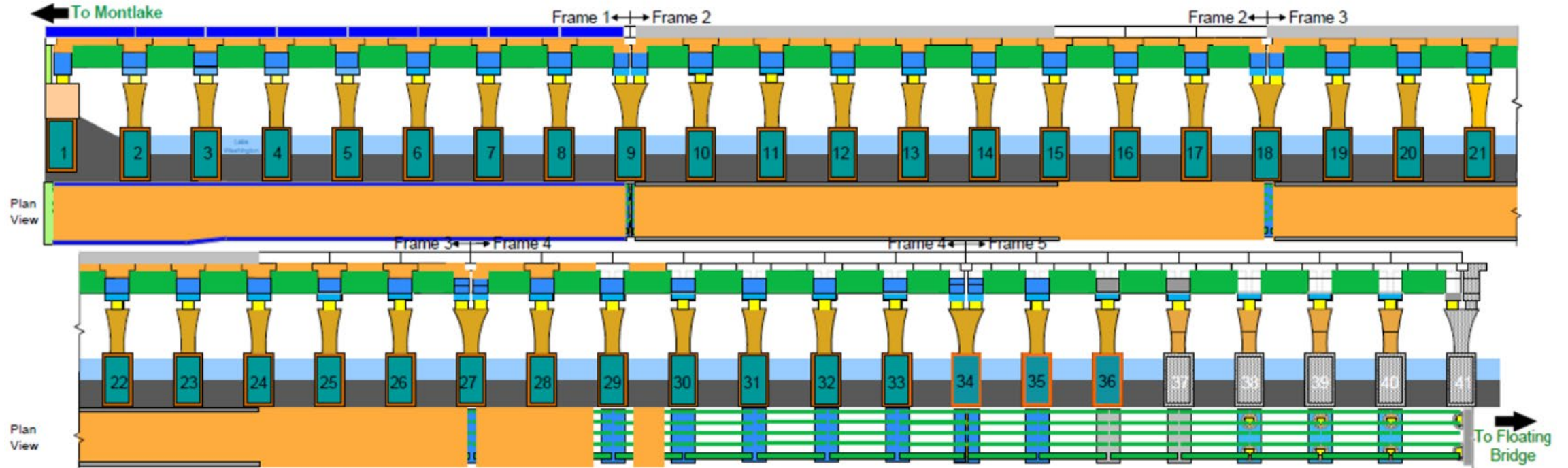


*Eastbound bridge construction at the far east end of the project. (Oct. 7)*



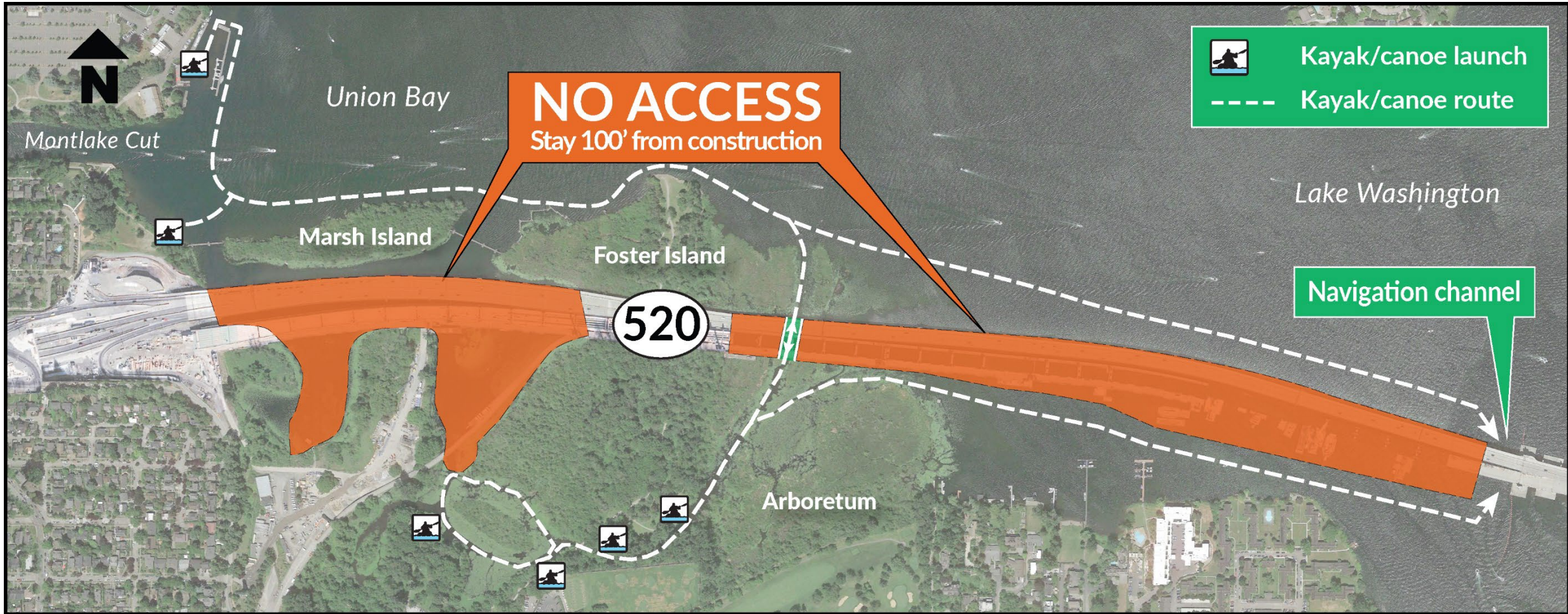
# Bridge construction progress

- Casings
- Shafts
- Girders
- Bridge deck





# Kayak/canoe access during construction





# 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.

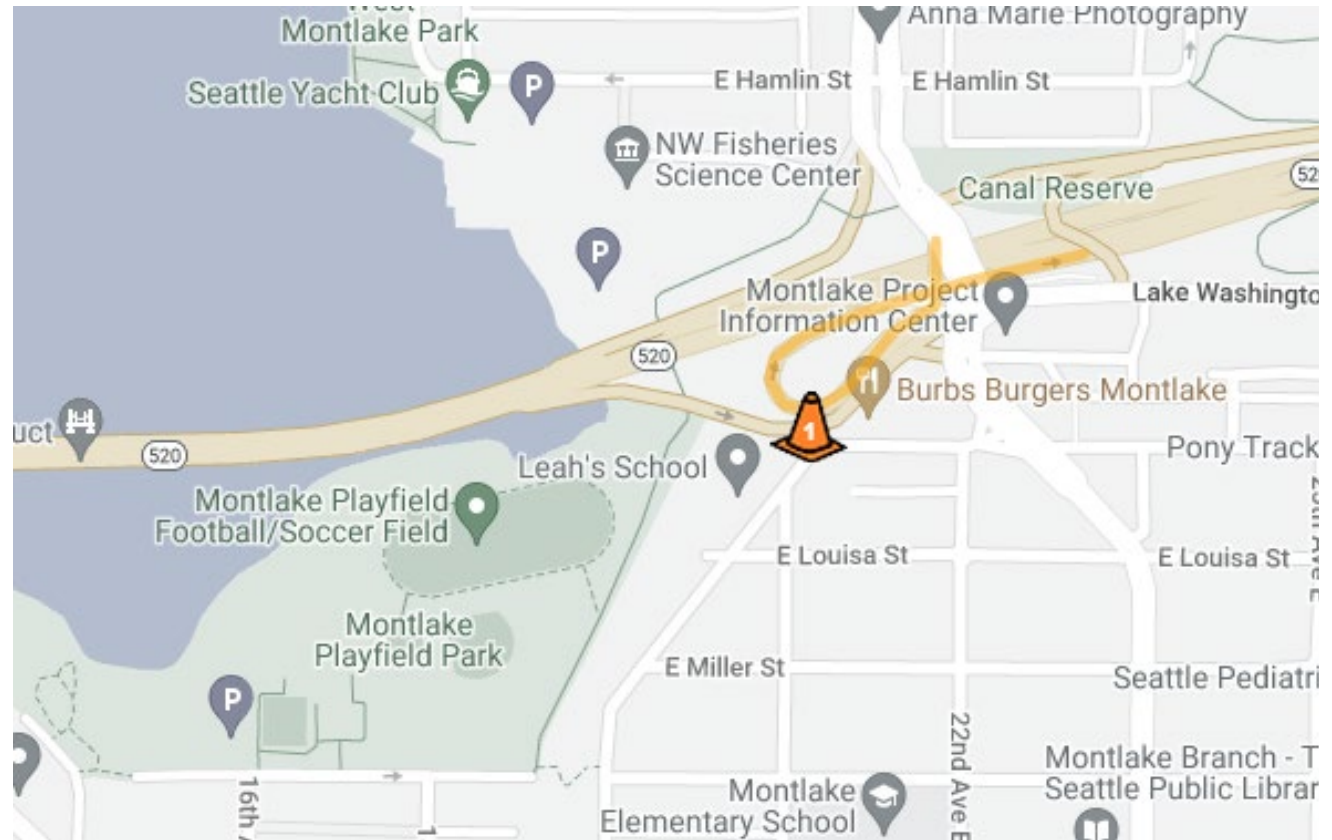
Our 24-hour hotline, **206-775-8885**, is the best way to report noise and vibration concerns and to have questions addressed in the moment.

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](http://www.sr520construction.com/ManagingConstructionEffects)



# How to stay informed

- Call our 24-hour hotline: [206-775-8885](tel:206-775-8885)
- Email us with questions: [sr520bridge@wsdot.wa.gov](mailto:sr520bridge@wsdot.wa.gov)
- Visit the Montlake Project website: [https://bit.ly/520montlake\\_program](https://bit.ly/520montlake_program)
- Visit the SR 520 Construction Corner to learn more about upcoming construction: [www.sr520construction.com](http://www.sr520construction.com)
- Follow us on Twitter: [@wsdot\\_520](https://twitter.com/wsdot_520)
- Sign up to receive our email updates at [sr520bridge@wsdot.wa.gov](mailto:sr520bridge@wsdot.wa.gov)
- Watch construction in “real time” on construction cameras: <http://bit.ly/520cams>
- Participate in our online meetings and events



Construction Corner map





# Comments and questions?





# End of program