

SR 520 Program

West Approach Bridge North Project and the "Rest of the West" improvements in Seattle

April 6, 2016



Brian Dobbins, PE
SR 520 WABN
Construction Engineering Manager

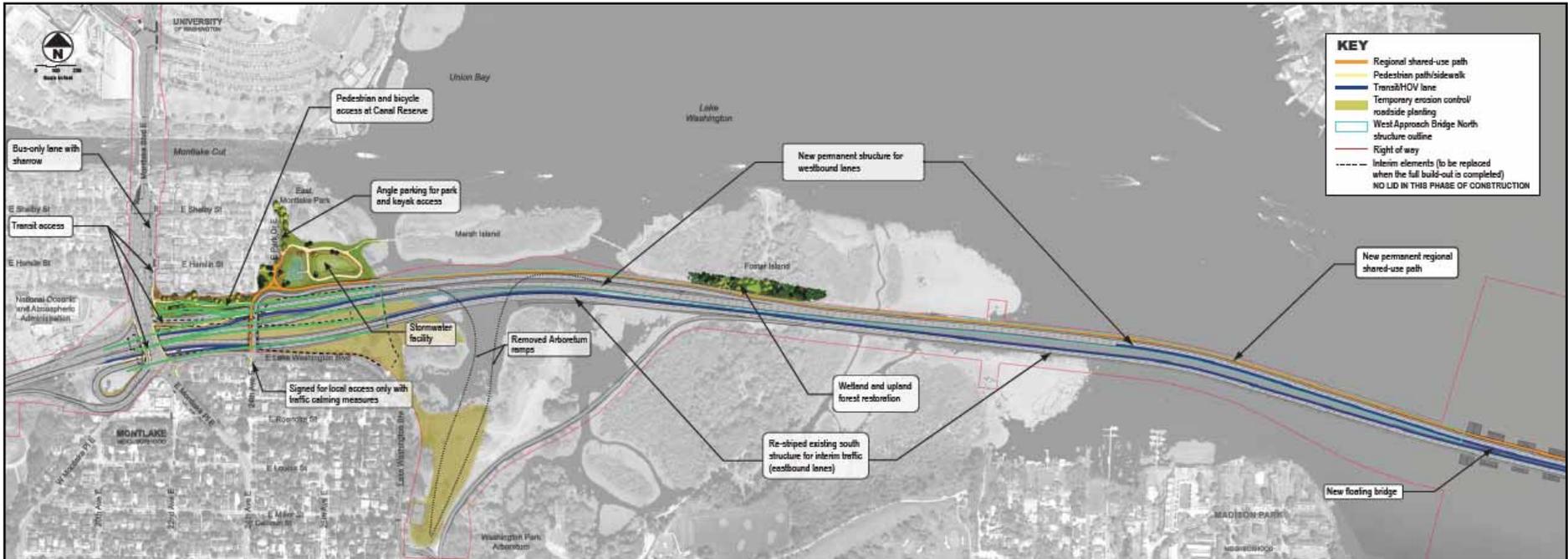
Kerry Pihlstrom, PE
SR 520 Rest of the West
Engineering Manager

**West Approach Bridge North
Monthly Public Meeting**
Graham Visitors Center
April 6, 2016

Presentation outline

- **Welcome**
- **SR 520 West Approach Bridge North project**
- **SR 520 Rest of the West project update**
- **Question and answer session**

West Approach Bridge North Project

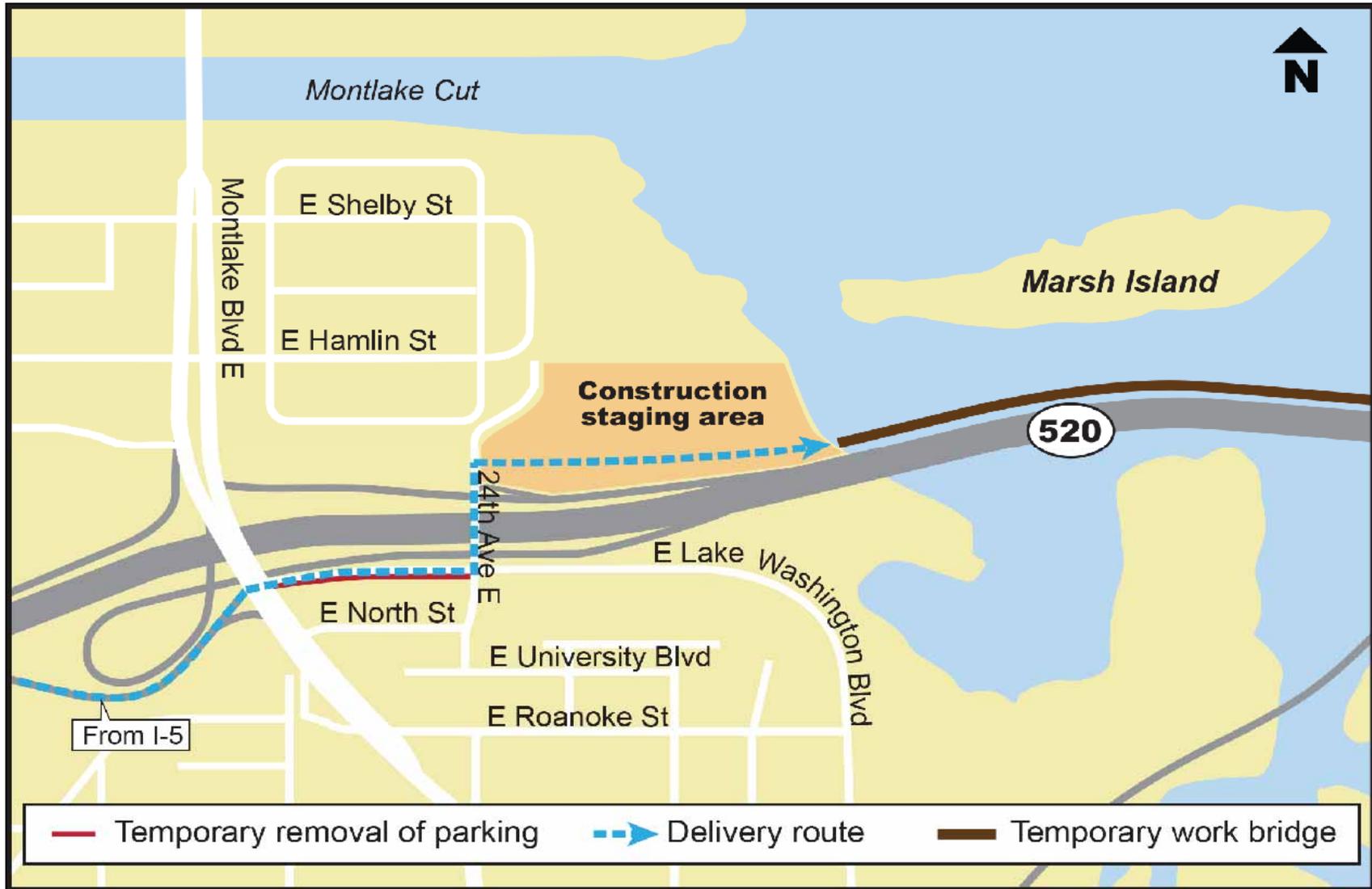


Looking west



Looking west

Bridge girder delivery and installation through 2016

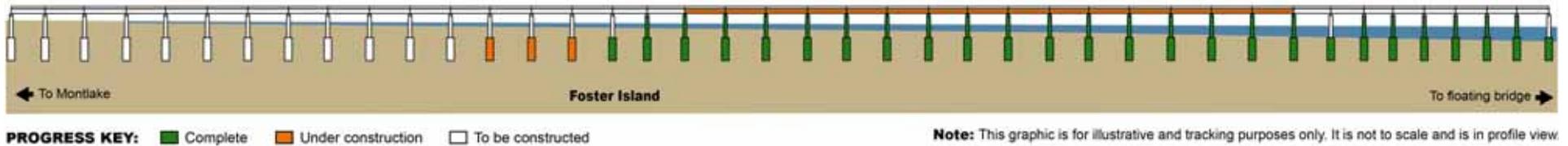


Bridge girder delivery and installation through 2016



Crews deliver 150-foot long girders and place on top of the bridge columns to construct the foundation of the new roadway.

West Approach Bridge North construction progress

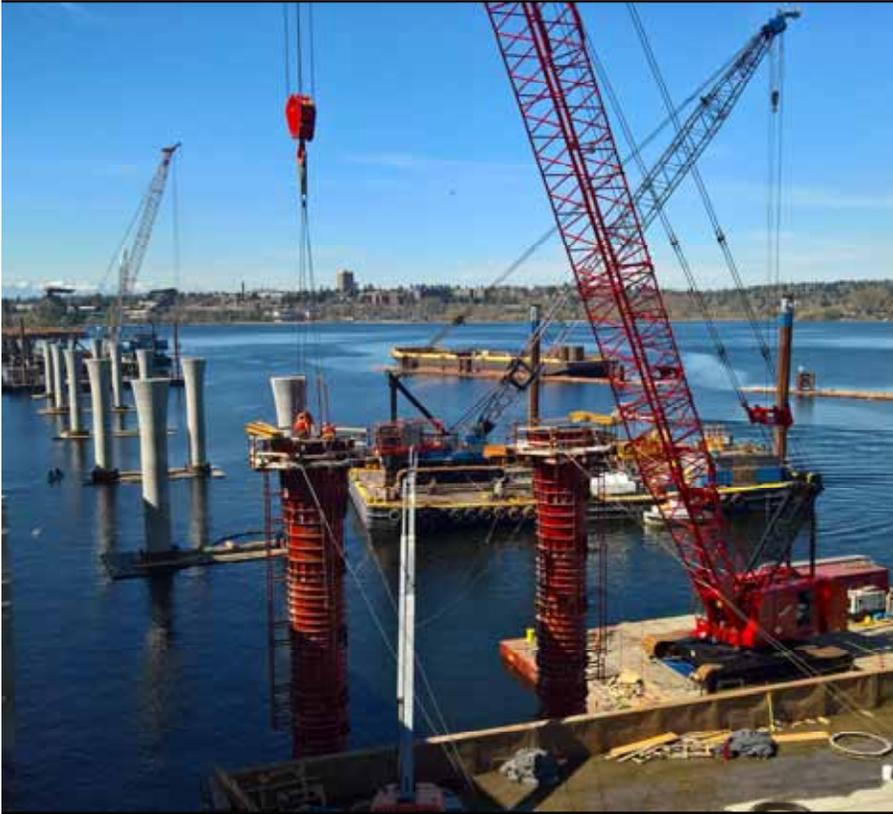


Check out the WABN bridge assembly tracker online for regular progress updates:
www.wsdot.wa.gov/Projects/SR520Bridge/WABN/ConstructionProgress.htm.



Crews continue to construct columns for the permanent bridge foundation.

West Approach Bridge North construction progress

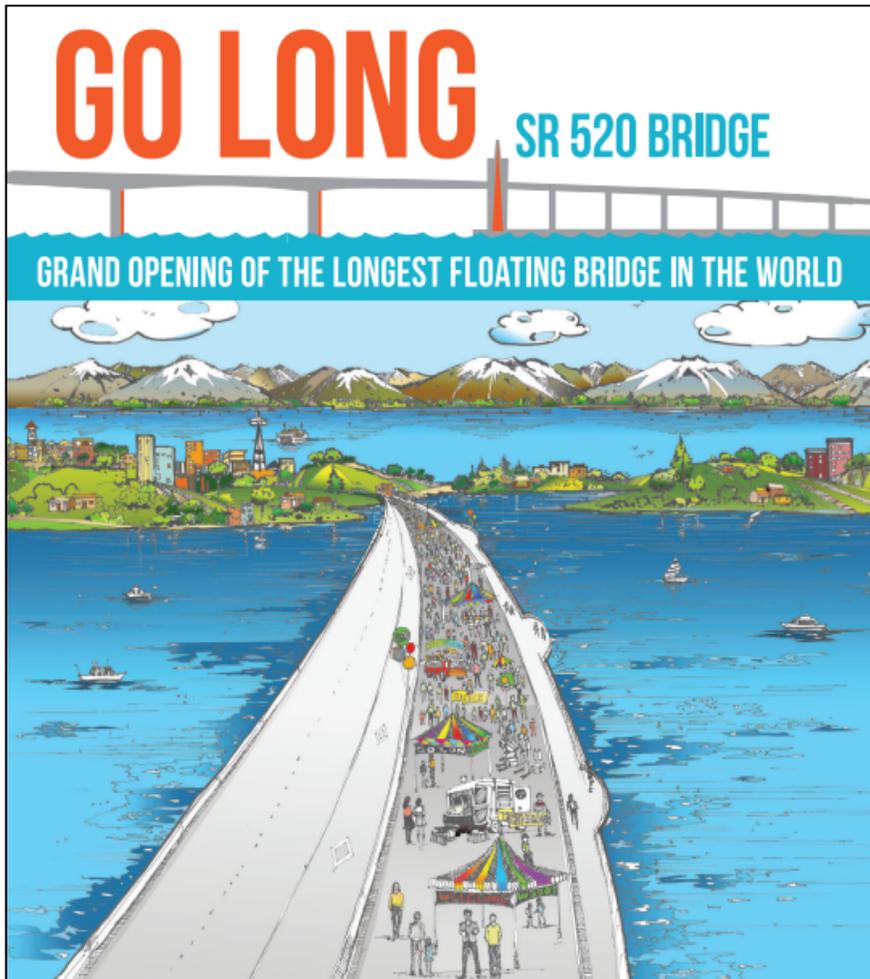


Crews pour concrete to construct solid bridge columns.

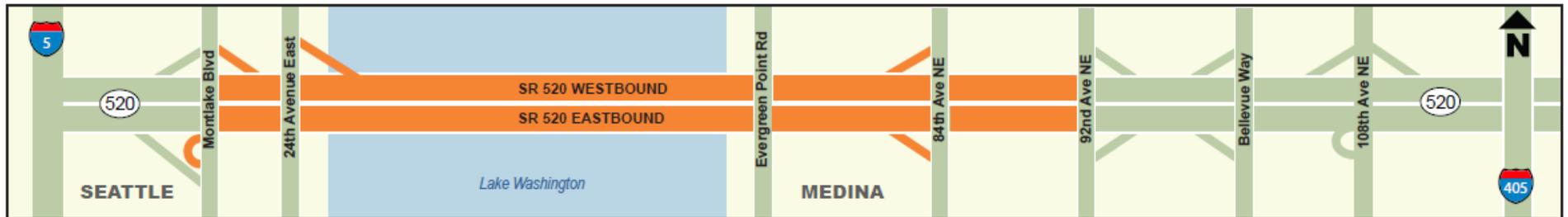


Falsework supports the future placement of girders

Grand Opening Celebration Event of the Floating Bridge and Landings



SR 520 highway closures: Traffic shift to the new floating bridge



- All lanes and ramps of SR 520 between 92nd Avenue Northeast to Montlake Boulevard will be closed:
 - **11 p.m. Friday, April 8 to 5 a.m. Monday, April 11**
 - **11 p.m. Friday, April 22 to 5 a.m. Monday, April 25**
- Crews for the Floating Bridge and Landings Project will be switching eastbound and westbound traffic to the new SR 520 floating bridge during these closures.

Arboretum Waterfront trail closures



- Waterfront Arboretum trail on Foster Island will be closed from Saturday, April 9 to Monday, April 18.
- Crews will install piles and construct the temporary work bridge overhead.

SR 520 Program Overview and Timeline

Program map



Program schedule

- Eastside Transit and HOV Project: Opened 2014
- Pontoon Construction Project (Aberdeen): Completed 2015
- New floating bridge: Opening April 2016
- West Approach Bridge North: Construction began fall 2014; opening summer 2017
- Remaining west side corridor: Fully funded

Safety and Mobility Improvements

The SR 520 Bridge Replacement and HOV Program is a \$4.56 billion investment in the regional transportation system. The program is enhancing a vital connection from Seattle to the Eastside via Lake Washington, resulting in major improvements for drivers, transit riders, bicyclists and pedestrians.

Replacing vulnerable structures



The SR 520 program is improving safety by:

- Replacing aging and vulnerable bridge structures currently at risk of failure
- Adding full outside shoulders
- Adding safer, smoother merges and sightlines
- Improving bicycle and pedestrian connectivity

Enhancing mobility



The SR 520 program is enhancing mobility by:

- Adding new transit/HOV lanes for better bus and carpool trip reliability
- Building a new 14-foot-wide bicycle and pedestrian path
- Adding new median transit stops and direct-access ramps along the corridor

Recent project milestones

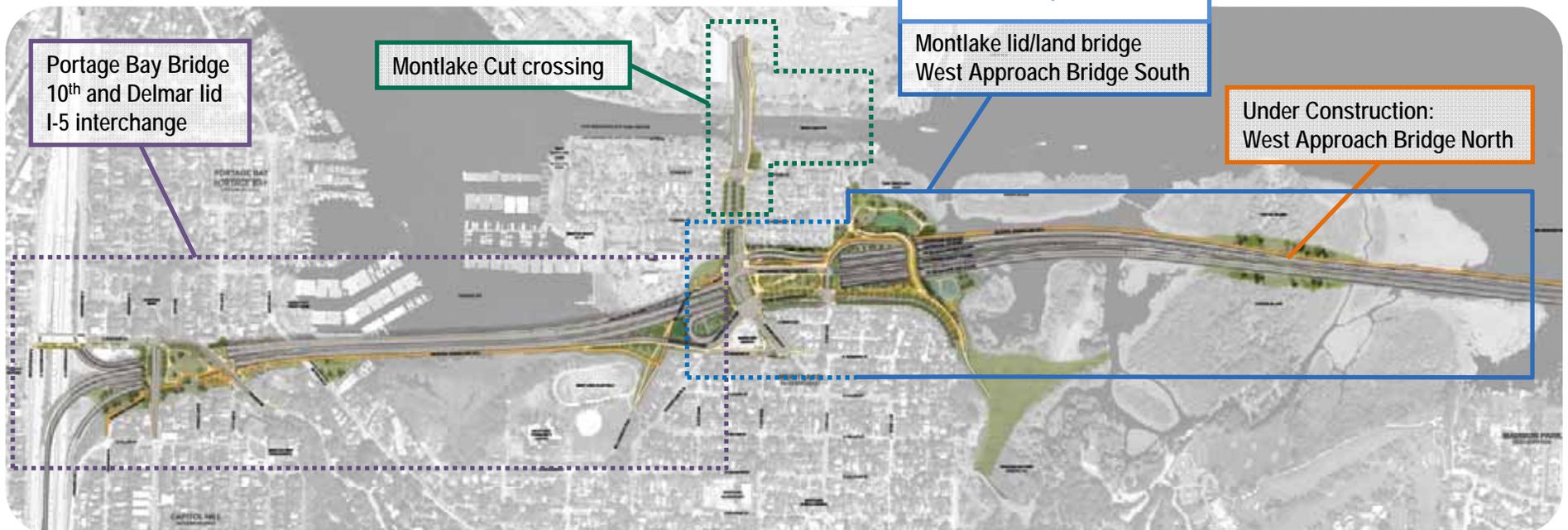
- ✓ **2012:** Seattle Community Design Process (public workshops, report, comment period)
- ✓ **2014:** City of Seattle/WSDOT design refinement process, resulted in Final Concept Design Report, public comment period
- ✓ **July 2015:** Rest of the West project receives full funding from the Legislature via the “**Connecting Washington**” funding package
- ✓ **October 2015:** Seattle City Council unanimously endorses final concept design
- ✓ **Early 2016:** WSDOT identifies next phase of construction in Seattle; Begins to develop contracting documents
- ✓ **January – June 2016:** Work with the city on key topics such as permits, utilities and maintenance; conduct outreach



On July 15, 2015, Governor Inslee signed the Connecting Washington transportation funding package into law, with SR 520 over his shoulder. This provided full funding for the Rest of the West and other projects around the State.



Rest of the West project overview



Final design of Bill Dawson Trail connection pending coordination with neighboring property owners

What project elements will be built next?

The next phase will include:

1. West Approach Bridge South
 - Parallel to the West Approach Bridge North, will carry three eastbound lanes of traffic when complete
 2. The Montlake interchange and lid
 - New lid, providing open space and a multi-modal transportation hub
 - New “land bridge” connection over SR 520, to the east of the lid
 - Montlake Boulevard improvements between approximately East Roanoke Street and East Shelby Street
- Design-Build contracting method selected
 - Continued public outreach will take place prior to and during construction.



Visualization of the new West Approach Bridge South structure.



Visualization of a new, multimodal Montlake lid in Seattle.

Key Priorities for WSDOT and City of Seattle



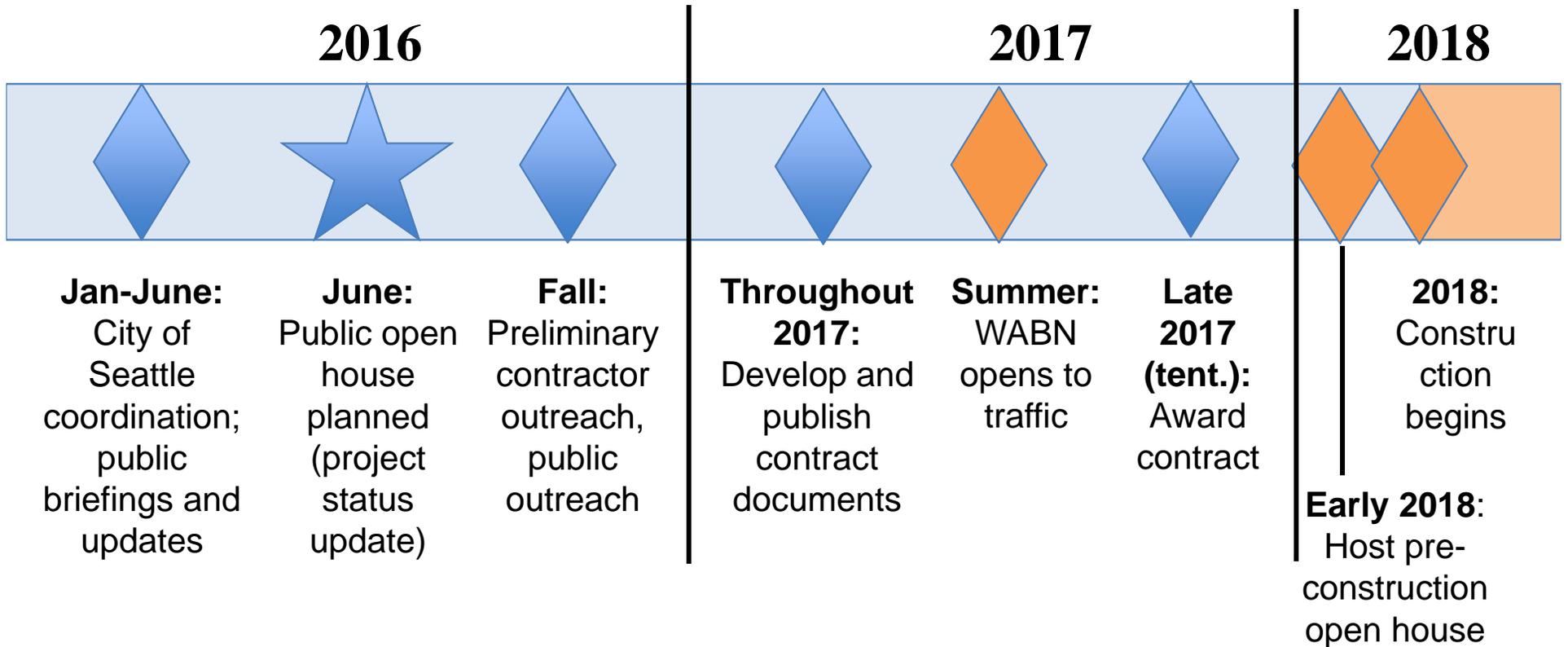
City Objectives

- Fulfill the direction of City Council Resolutions 31427 and 31611
- Faithfully implement the West Side Final Concept Design
- Advocate for city and stakeholder interests
- Promote design excellence

WSDOT Objectives

- Fulfill design vision developed with the SDC, City of Seattle and broader community
- Build on past work to document urban design criteria for future construction contracts

What's next? Stay informed



Ongoing: Project updates via email, SR 520 Program website, and in-person briefings

Note: These dates reflect the current project plans, but are subject to change as needed.

Questions?

For more information

Visit: www.wsdot.wa.gov/projects/SR520Bridge

E-mail: SR520Bridge@wsdot.wa.gov

Call: 206-770-3554 (Mon-Fri, 8 a.m. - 5 p.m.)

Mail: SR 520 Bridge Replacement and HOV Program
999 3rd Avenue, Suite 2200
Seattle, WA 98104



Sign up for project email updates

<https://service.govdelivery.com/accounts/wadot/subscriber/new>

Next monthly meeting:

Wednesday, May 4, 2016

5:30 – 6:30 p.m.

**Graham Visitors Center – Wisteria Hall
2300 Arboretum Drive E, Seattle, WA 98112**