

SR 520 Bridge Replacement and HOV Program Update

Lynn Peterson
Secretary

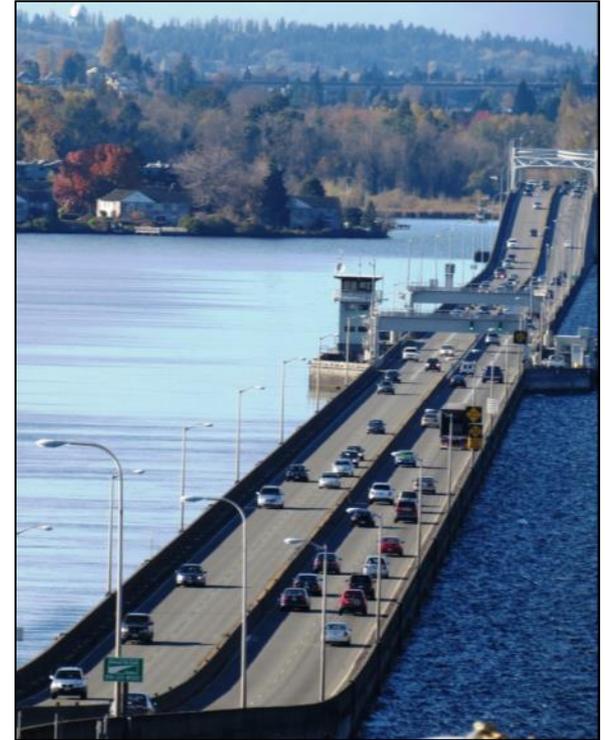
Cam Gilmour
Deputy Secretary

Julie Meredith, P.E.
SR 520 Program Administrator

Joint Transportation Committee
July 24, 2014

Presentation Outline

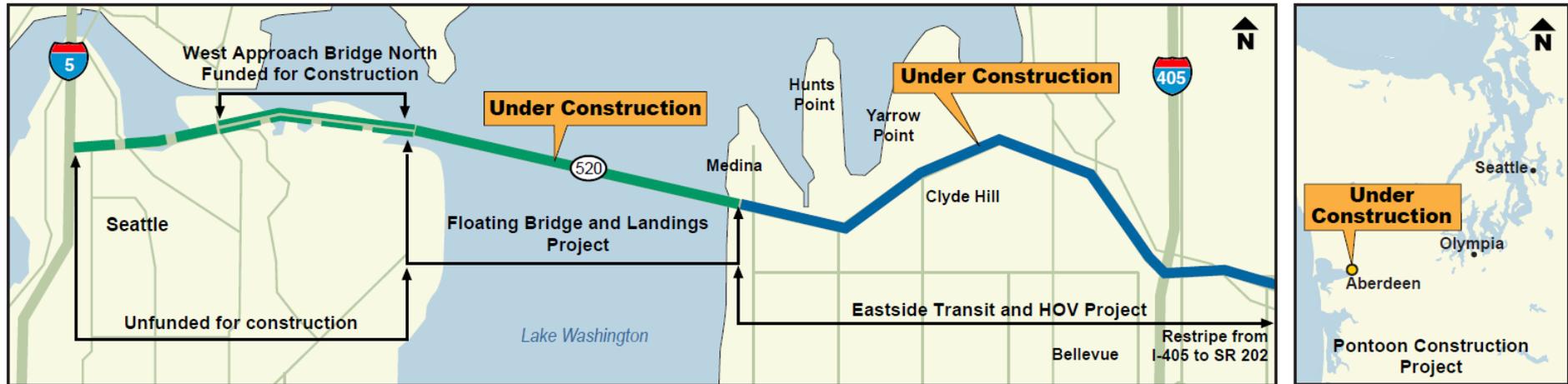
- SR 520 program overview and timeline
- SR 520 cost and budget update
- Construction updates
- Next phase: West Approach Bridge North and the west side corridor
- Questions and answers



View of the SR 520 floating bridge, looking west from Medina.

What is funded for \$2.9 billion?

Program map



- Eastside Transit and HOV Project opening: late summer 2014
- Pontoon Construction Project (Aberdeen) completion: 2015
- New floating bridge opening: April 2016
- West Approach Bridge North: Begins late summer 2014
- Remaining west side corridor: Depends on additional funding

Construction update: Eastside Transit and HOV Project



Crews continued mainline work on the Eastside of SR 520 during a weekend closure on May 30-June 2, 2014. During the closure, crews placed approximately 10,000 tons of asphalt in westbound lanes. The corridor continues to take shape and is scheduled to open to drivers later this summer.



Construction update: Eastside transit stops



View of the new median transit stop at Evergreen Point Road on June 16. WSDOT is building new stops as part of the SR 520 program. Regional transit agencies King County Metro and Sound Transit will operate the stops when open this summer.

Construction update: Eastside HOV operations

Eastside HOV lane configuration - with summer 2014 expansion



Updated: June 2014

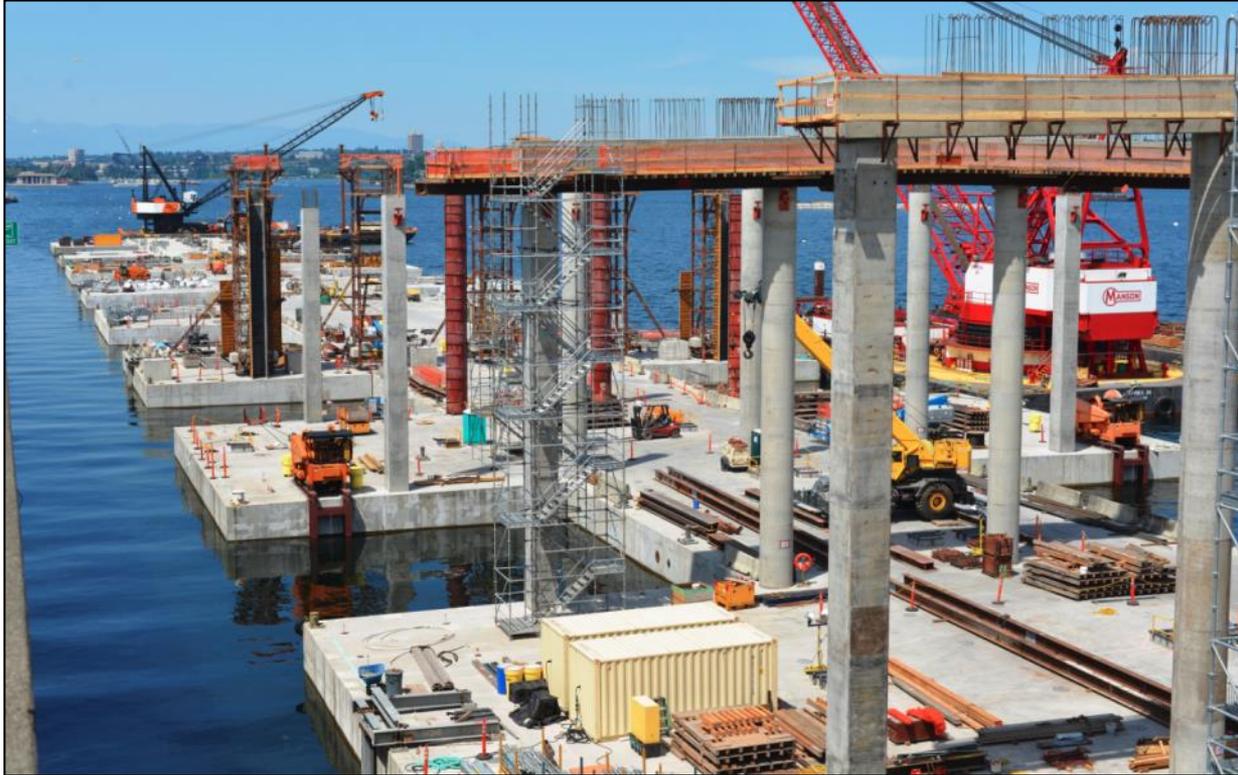
Construction update: Eastside HOV operations

Eastside HOV lane configuration – with ultimate project features

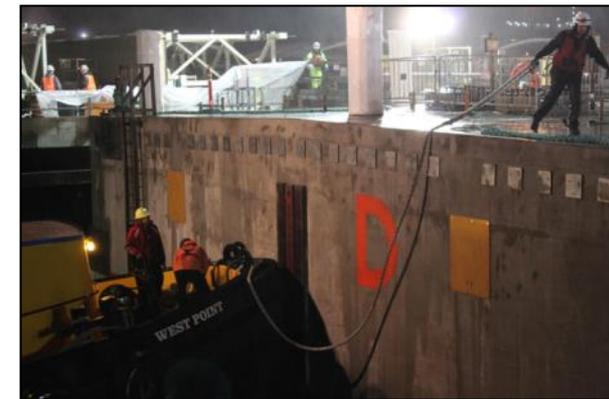


Updated: June 2014

Construction update: Pontoon Construction Project



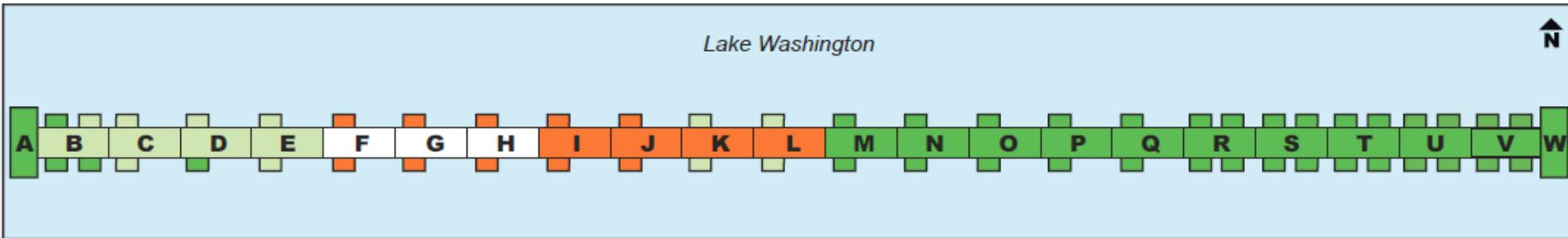
New SR 520 pontoons are being joined together to the north of the existing floating bridge on Lake Washington. This photo shows larger longitudinal pontoons connected to one another, as well as smaller supplemental stability pontoons on the sides. Photo taken summer 2014.



Photos of new pontoon construction and float-out in Aberdeen, Wash.

SR 520 Pontoons – Status and Locations

Updated: June 10, 2014



Note: not to scale

Pontoon status:

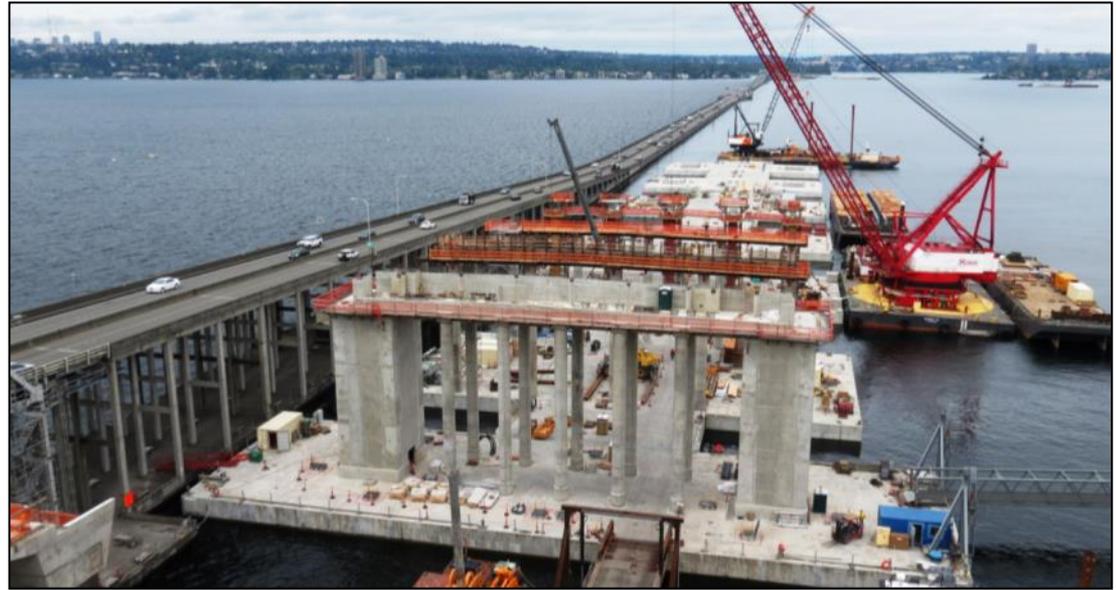
 On Lake Washington	 Temporarily moored	 In transit / pending transit
 Under construction	 Future construction	

- 60 pontoons have been constructed to date.
- 77 total pontoons are needed to build the new floating bridge.
- 46 pontoons are currently on Lake Washington.
- In June 2014, we floated out eight new pontoons from Tacoma.
- In fall 2014, we will float out the next six pontoons from Aberdeen.

Construction Update: Floating Bridge and Landings Project



Map of floating bridge construction sites in Lake Washington, Tacoma and Kenmore..



View of construction at the east end of Lake Washington, looking west. Barges and new pontoons are located north of the existing floating bridge.

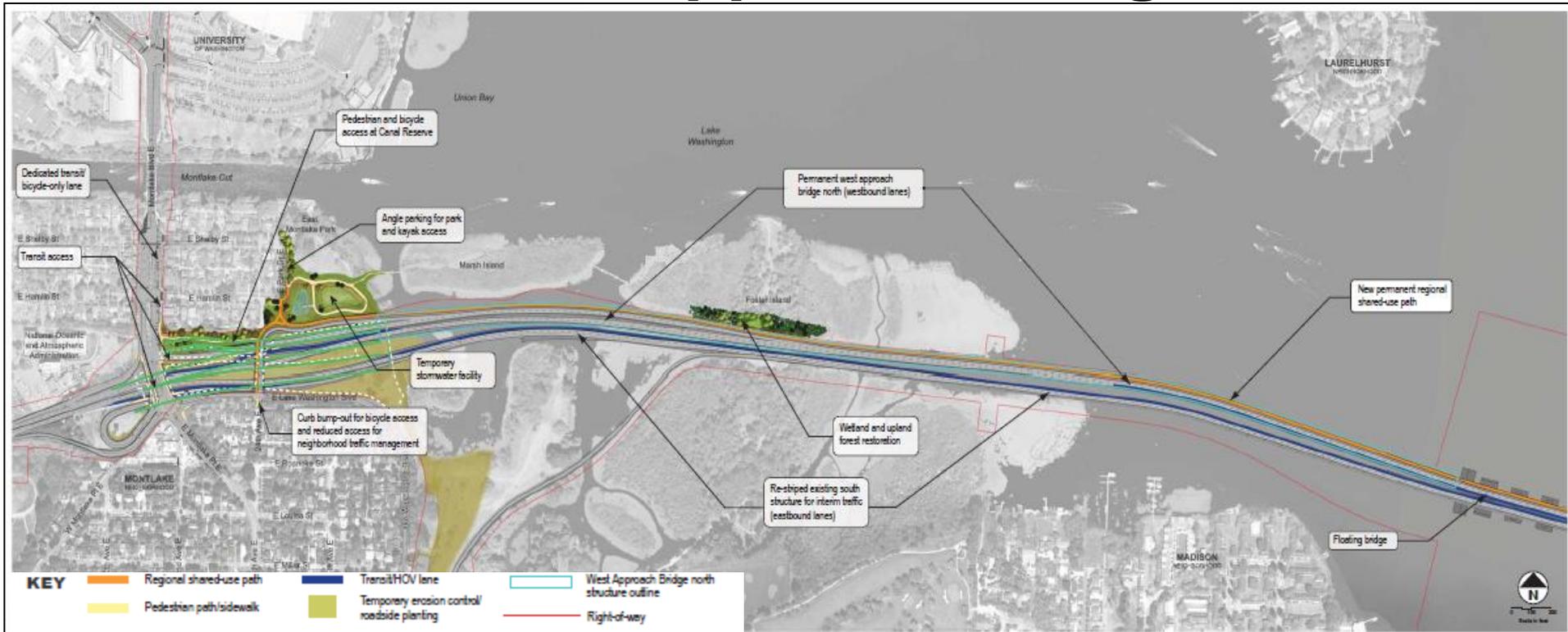


Float-out of fifth cycle of pontoons in Tacoma in June 2014.

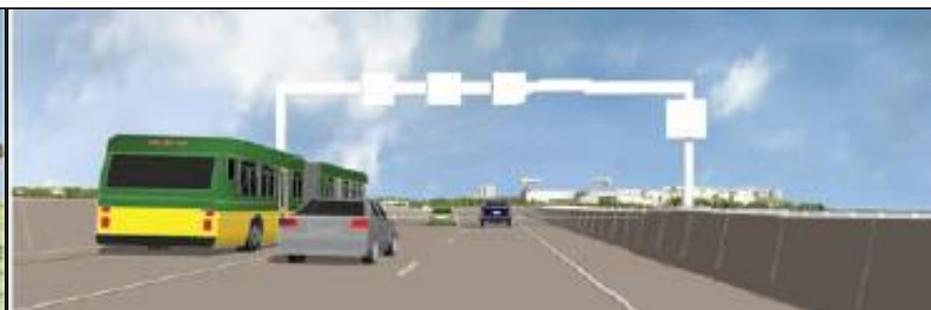


Crews continue work on precast bridge elements in Kenmore.

Next Phase: West Approach Bridge North



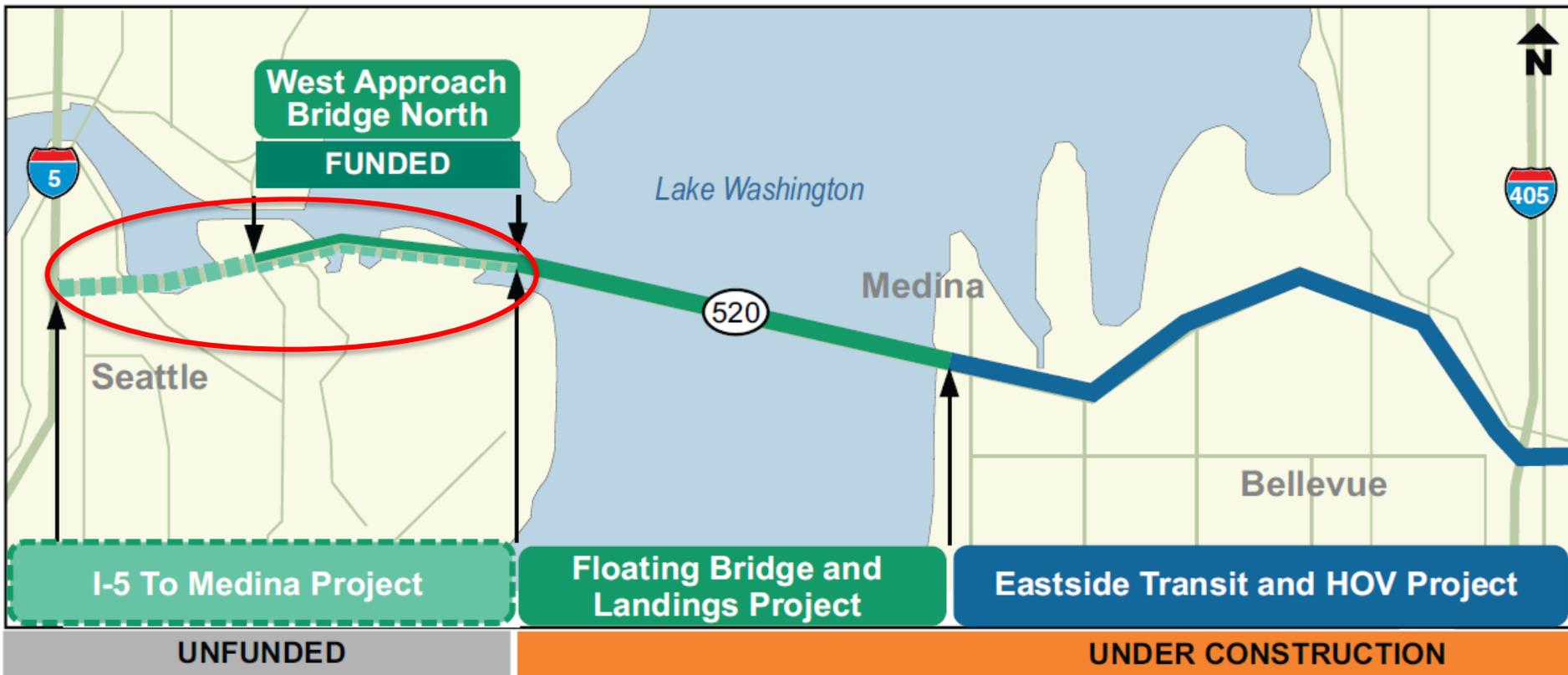
Visualization of new bicycle/pedestrian path, looking west.



Visualization of new WABN corridor, looking east.

Next Steps to Complete the SR 520 Corridor

- Remaining unfunded section: \$1.4 billion (2012 CEVP estimate).

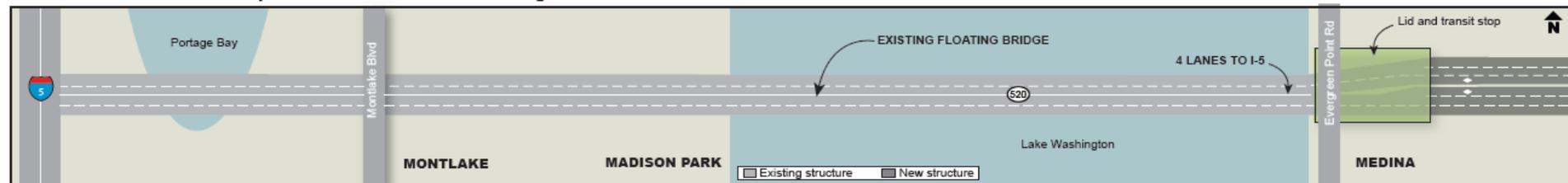


SR 520 Lane Configuration with phased Project Completion

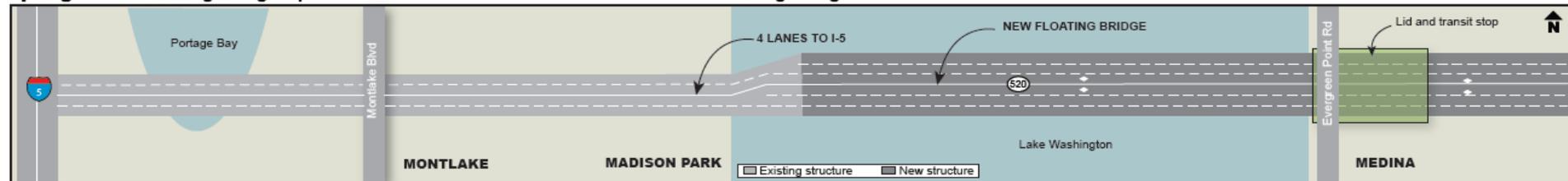
Note: Illustration of SR 520 mainline operations. Ramps and interchanges are not detailed.

April 2014

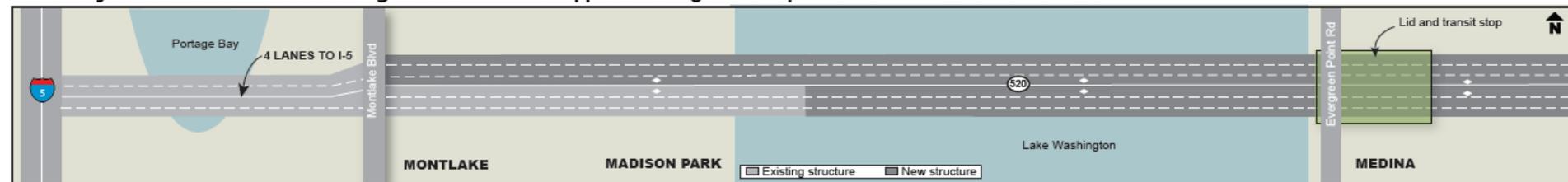
Summer 2014: Eastside Open To Traffic - 6 Lanes to Evergreen Point Road



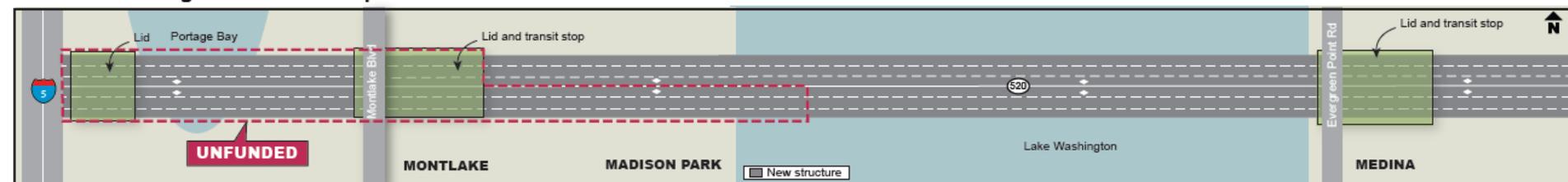
Spring 2016: Floating Bridge Open To Traffic - 6 Lanes to the West End of the Floating Bridge



2.5 to 3 years after construction begins in 2014: West Approach Bridge North Open To Traffic - 6 Lanes to Montlake



With Full Funding: Full Corridor Complete - 6 Lanes to I-5



Design coordination with the City of Seattle, per ESSB 6001

WSDOT is continuing to work with the City of Seattle on the west side design, including coordination with:

- Seattle Mayor's Office
- Seattle City Council
- Seattle Department of Transportation
- Seattle Design Commission
- Seattle Department of Planning and Development
- Seattle Parks and Recreation
- Other City Departments as needed

Planned upcoming briefings to the Seattle City Council Transportation Committee:

- August 12, 2014
- September 9, 2014
- September public meeting
- December 9, 2014

Next steps

- **Summer/fall 2014:**
 - Eastside project improvements open to drivers.
 - West Approach Bridge North construction begins.
 - Continue to coordinate with the City of Seattle on the design of the west side (incl. Montlake lid, Portage Bay Bridge).
- **Fall 2014:** Update CEVP® cost estimates for the unfunded west side elements.
- **Winter 2014/2015:** Continue to keep Legislature informed on construction progress and provide information related to potential new funding for remaining corridor elements.

For more information on the SR 520 Program, please contact:

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