

SR 520 Bridge Replacement and HOV Program Update

Lynn Peterson
Secretary

Julie Meredith, P.E.
SR 520 Program
Administrator

Joint Transportation Committee
July 23, 2015

Presentation Outline

- Legislative direction to date
- SR 520 Program overview
- Jobs and construction updates
- DBE / apprenticeship updates
- Rest of the West design update
- Questions and answers



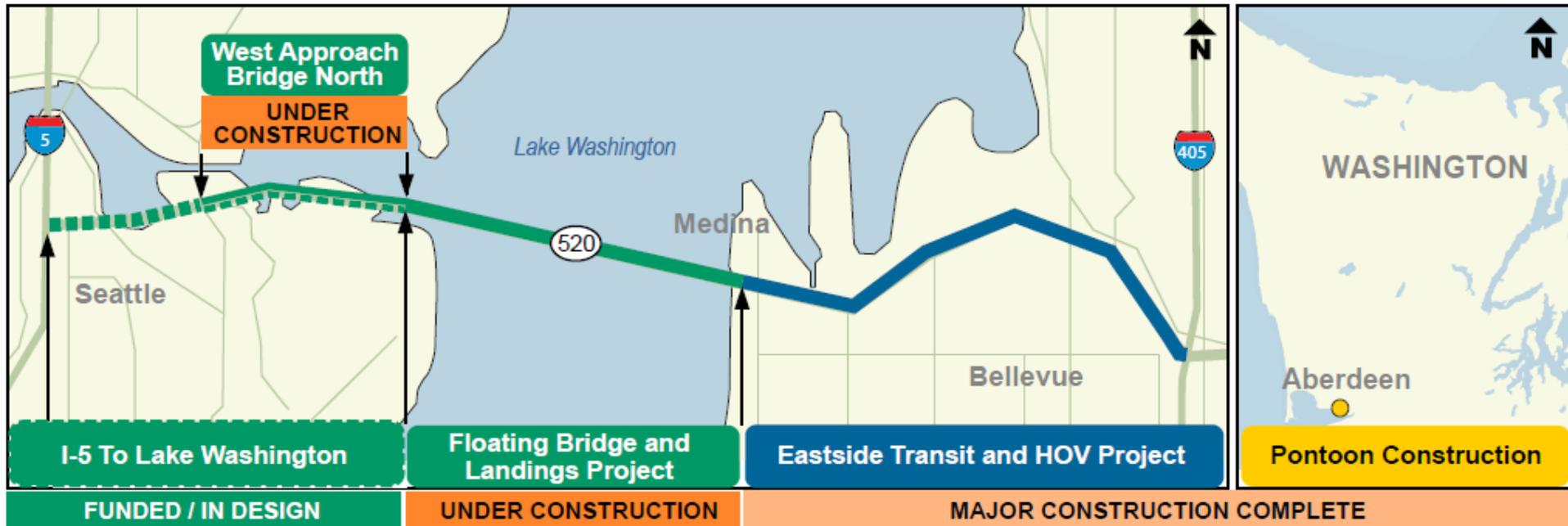
View of floating bridge construction on Lake Washington, looking west. Photo taken: May 2015.

Key Legislative Direction To Date

- ✓ **2007 – ESSB 6099:** Directed a six-lane SR 520 corridor and launched a west side mediation process; directed a light rail expansion option
- ✓ **2009 – ESHB 2211:** Set program budget cap at \$4.65 B; launched a Legislative Workgroup to review design and funding; authorized tolling on SR 520 to begin in 2010.
- ✓ **2010 – ESSB 6392:** Convened west side workgroup processes and funded Eastside construction
- ✓ **2014 – ESSB 6001:** Directed WSDOT to work with city of Seattle to refine west side design
- ✓ **2015 – ESSB 5987:** “Connecting Washington” funding package provides full funding for the remaining SR 520 program elements in Seattle, known as the “Rest of the West.”

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 spring 2016
- West Approach Bridge North: Construction began fall 2014; opening summer 2017
- Remaining west side corridor: Funded / In design

SR 520 Costs And Funding (Design & Construction)

SR 520 program cost estimate <i>2009 legislative budget cap: \$4.65 billion</i>		\$4.56 B
Funding received <i>Based on 2015 Legislative authorization</i>		\$4.56 B[*]
State funding (primarily Motor Vehicle Fuel Tax)	\$2.15 B	
SR 520 Account (tolling and future federal funds)	\$1.65 B	
Federal TIFIA loan	\$0.30 B	
Other federal funding	\$0.20 B	
Deferred sales tax	\$0.26 B	

** Includes \$1.64 billion in new revenue authorized in 2015 via ESSB 5988,
Includes \$15 million authorized in 2015 via 2ESHB 1299,
Includes \$10 million in existing agency resources authorized in 2014 via ESSB 6001.*

Updated: July 2015

SR 520 Job Creation

- SR 520 projects have created hundreds of jobs around the state.
 - Total: 1,123 jobs (as of fall 2014)

This summer, we're continuing to ramp up work on the West Approach Bridge North.

The "Rest of the West" project will also generate significant jobs once it moves into construction.

- **Skilled construction trades include:**
 - Carpenters
 - Concrete workers
 - Crane operators
 - Electricians
 - Iron workers
 - Laborers
 - Machine operators
 - Painters
 - Truck drivers
 - Welders



Major Construction Complete: Eastside Transit And HOV Project



Aerial view of Evergreen Point Road lid (top) and view of new transit/HOV lanes on the Eastside (bottom).

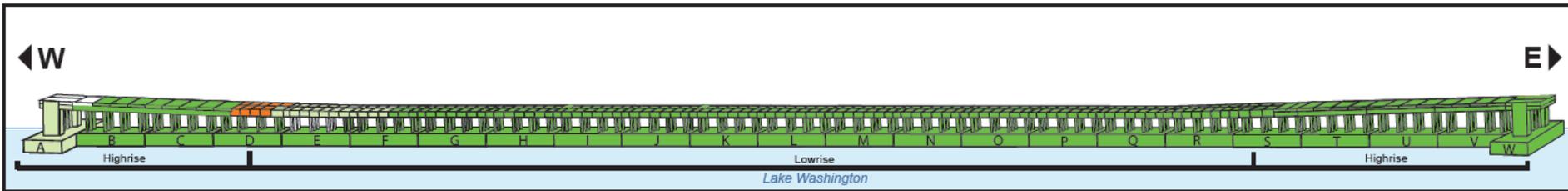
Governor Inslee celebrates the completion of the Eastside project in Medina (top). A new fish-friendly culvert improves fish migration along SR 520 on the Eastside (bottom).

Construction Complete: 77 New SR 520 Pontoons

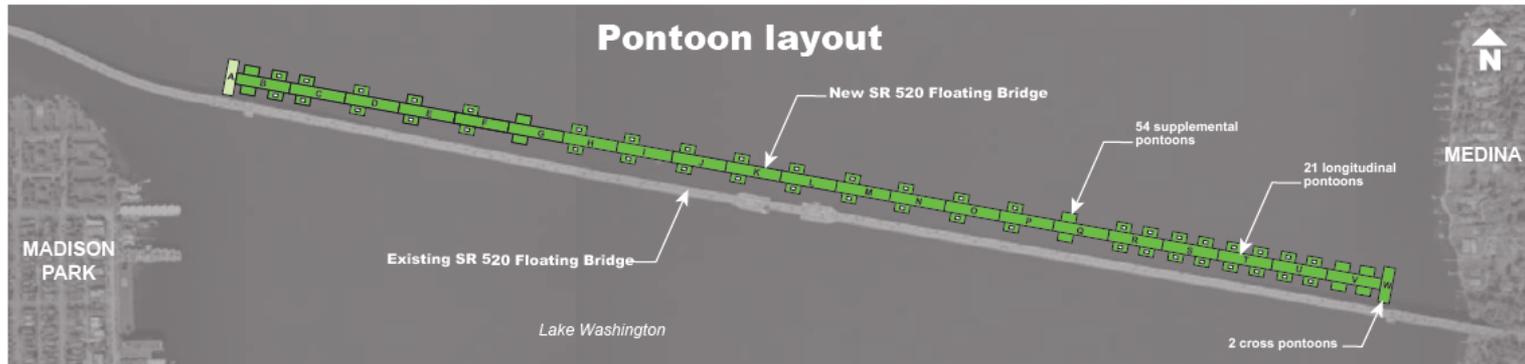
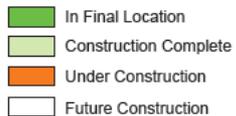
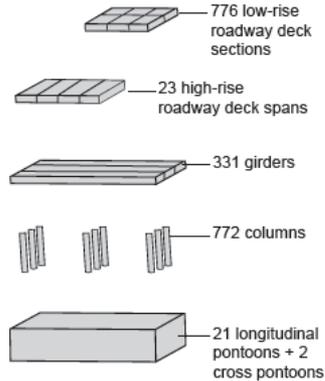


Construction Update: Floating Bridge Assembly

Updated: July 9, 2015



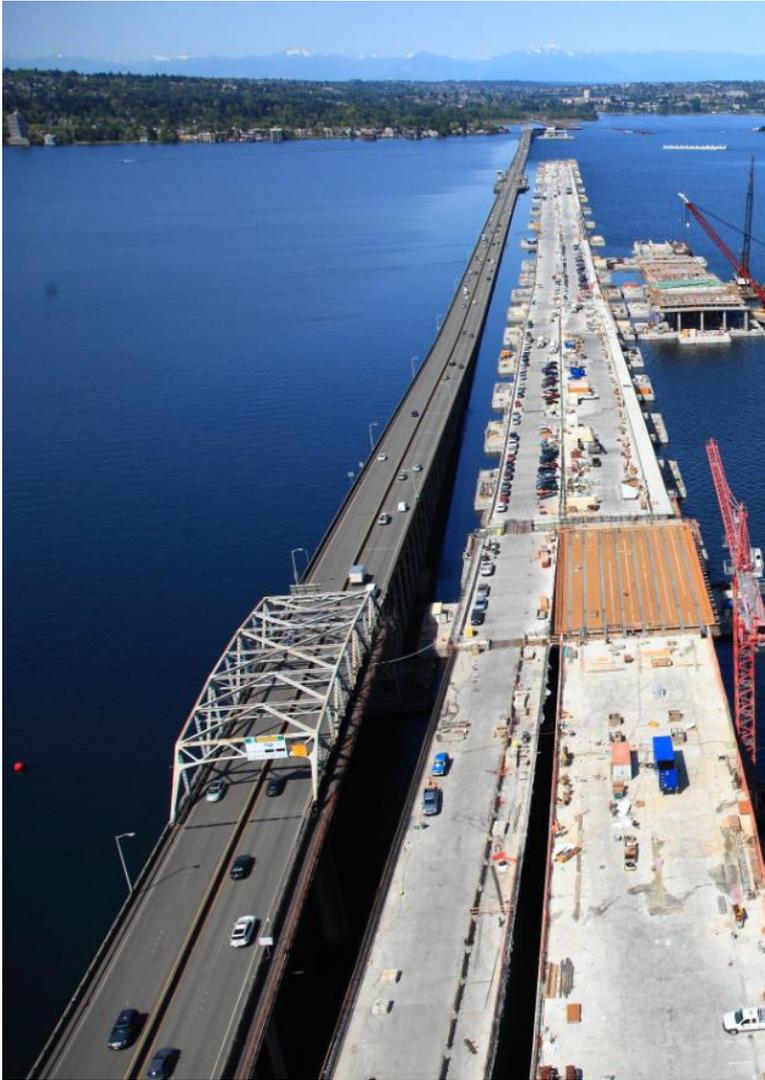
GRAPHIC KEY AND FACTS



- Current number of pontoons on Lake Washington: 77
- Total number of pontoons constructed to date: 77
- Pontoons currently under construction: 0

Note: not to scale, for illustrative purposes only

Floating Bridge Grand Opening Updates



Construction Update: West Approach Bridge North



WABN Construction Milestones And Challenges



SR 520 Disadvantaged Business Enterprise (DBE), Apprentices Hours, and Training Hours Update

Disadvantaged Business Enterprise (DBE) / Apprenticeship / Training

Projects in italics are complete

Project	DBE Percentage			Apprentice Hours % (15% Goal)	Training Hours	
	Goal	Current	Last report date		Goal	Achieved
Eastside Transit and HOV	11%	15%	4/1/15	14%	58,500	37,846*
<i>West Connection Bridge</i>	3%	4%	10/1/14	19%	1,200	1,200
West Approach Bridge North	12%	0%	6/1/15	0%**	15,000	0
Pontoon Construction	6%	7%	6/1/15	18%	50,000	94,415
Floating Bridge and Landings	7%	5%	6/1/15	20%	74,600	96,906

*Total Hours reported 37,846. However 11,657 hours are excess laborer hours that can't be counted toward goal

**WABN contractor is completing apprenticeship utilization and training plans.

NOTE: Data is from contractor reports through July 10, 2015. WSDOT staff are reviewing and auditing contractor reports.

Rest Of The West Design Update

As directed by the Legislature in 2014 by ESSB 6001, WSDOT continued its work with the City of Seattle on the west side design.

Key topics of design coordination:

- Montlake lid design
- Portage Bay Bridge design
- Non-motorized & transit connections

Next, with full funding, we will:

- Continue our work with the City
- Advance design to a higher level and continue to incorporate practical design.
- Launch early utilities and right-of-way work
- Prepare construction contract documents



Visualization of the new Portage Bay Bridge in Seattle.



Visualization of a new, multimodal Montlake lid in Seattle.

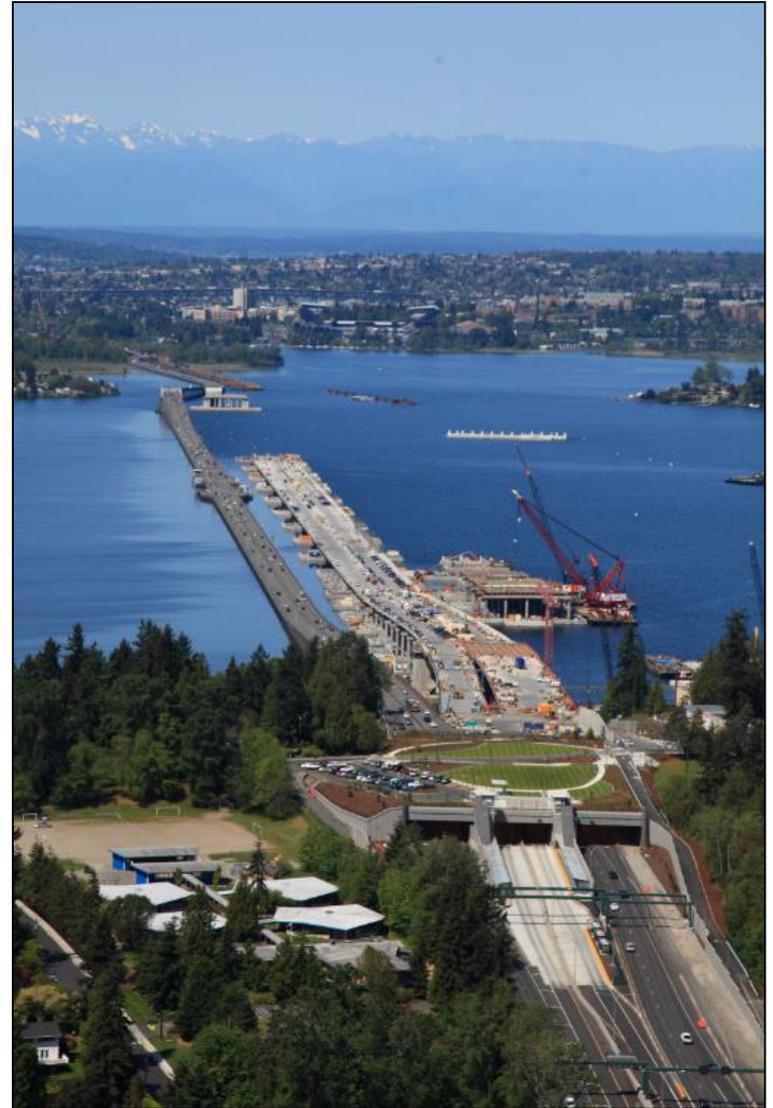
Interested In A Construction Site Tour of SR 520?

- Please let us know – we're glad to accommodate a JTC legislator tour.



Next Steps

- Floating bridge construction continues – new bridge to open in spring 2016.
- Removal of the existing floating bridge – scheduled for late 2016.
- West Approach Bridge North construction continues – new bridge to open in summer 2017.
- “Rest of the West” project elements – continue practical design efforts and prepare for construction.



Questions?

For more information:

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

E-mail: SR520Bridge@wsdot.wa.gov

Call: 1-888-520-NEWS (6397)

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

