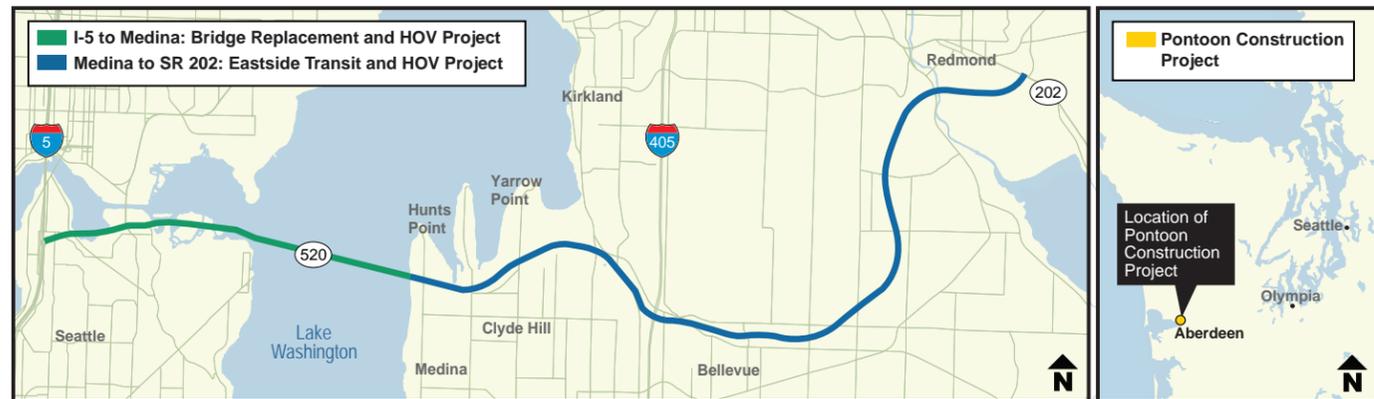


### SR 520 program map



### Construction photos

#### Pontoon Construction Project



Construction of cycle 3 pontoons in Aberdeen.  
Photo credit: Soundview Aerial Photography

#### Medina to SR 202: Eastside Transit and HOV Project



Crews pour a concrete deck for the new 108th Avenue Northeast bridge in July 2013.

#### Floating Bridge and Landings Project



Pontoon A travels to Lake Washington via the Ship Canal in June 2013.

#### For more information

**Call:** 206-770-3500

**E-mail:**  
SR520Bridge@wsdot.wa.gov

**Visit the website:**  
www.wsdot.wa.gov/Projects/SR520Bridge

**Mail:**  
Washington State Department of Transportation  
SR 520 Program  
999 Third Avenue, Suite 900  
Seattle, WA 98104

#### Americans with Disabilities Act (ADA):

This material can be made available in an alternate format by emailing the WSDOT Diversity/ADA Compliance Team at [wsdotada@wsdot.wa.gov](mailto:wsdotada@wsdot.wa.gov) or by calling toll free, 855-362-4ADA (4232). Persons who are deaf or hard of hearing may make a request by calling the Washington State Relay at 711.

#### Title VI Information:

WSDOT ensures full compliance with Title VI of the Civil Rights Act of 1964 by prohibiting discrimination against any person on the basis of race, color, national origin or sex in the provision of benefits and services resulting from its federally assisted programs and activities. For questions regarding WSDOT's Title VI Program contact Jonté Sulton at 360-705-7082 or [SultonJ@wsdot.wa.gov](mailto:SultonJ@wsdot.wa.gov).



## Annual Mega-Project Report

September 2013

### Program benefits

- Improved safety during earthquakes and windstorms with a new bridge built to current design standards.
- Increased mobility with the addition of transit/HOV lanes across the SR 520 corridor.
- Improved water quality in Lake Washington with the addition of stormwater treatment facilities
- Improved reliability with shoulders that allow disabled vehicles to pull out of traffic.
- Increased commute and recreation options with the addition of a bicycle/pedestrian path.
- Reduced highway noise with the addition of noise reduction measures near neighboring communities.
- Reconnected neighborhoods with five new landscaped lids over the highway, three of which include transit facilities.

[www.wsdot.wa.gov/projects/sr520bridge](http://www.wsdot.wa.gov/projects/sr520bridge)



Photo of new east approach piers, barges and pontoons on Lake Washington.

The SR 520 Bridge Replacement and HOV Program is a major investment in a key corridor between Seattle and the Eastside. As one of two crossings over Lake Washington, SR 520 connects major employment and residential centers. The SR 520 program includes three projects to replace the aging floating bridge and complete safety and mobility improvements throughout the corridor.

The projects are:

- Pontoon Construction Project
- Eastside Transit and HOV Project
- I-5 to Medina: Bridge Replacement and HOV Project

The result will be a new SR 520 with more commuting choices and better trip reliability for drivers, transit riders, bicyclists and pedestrians. The new corridor includes environmental improvements and keeps the region's economy moving forward.

#### Reporting

We report the progress and schedule status of the SR 520 program to a variety of audiences through a regularly updated website, media releases, frequent email updates, and printed materials. We also provide information in person at community briefings, open houses, and other local events for the public and elected officials.

## 2013 progress update

Major construction continues along the SR 520 corridor and construction sites throughout the state in 2013.

### Pontoon Construction Project

This project is constructing 33 of the pontoons required to build the new SR 520 floating bridge. The second cycle of pontoons was floated out in April 2013. Work continues on the third of six cycles of pontoons in Aberdeen, which is expected to float out in fall 2013.

### Eastside Transit and HOV Project

This project is completing vital improvements on the Eastside, including a wider, safer roadway, new transit facilities, three neighborhood-connecting lids, and other environmental enhancements.

2013 by the numbers:

- Five weekend closures as of Sept. 15
- Final girders set for three lids under construction
- All noise walls and fish culverts installed

Project improvements are now scheduled to open to traffic in mid-2014.

### Floating Bridge and Landings Project

This project will build a new six-lane floating bridge across Lake Washington. Work is taking place across the region on the components of the new bridge.

- **Lake Washington:** Crews have built three piers at the east end in Medina, and cantilevered roadway construction is well underway. Completed pontoons are also being towed to

the lake in preparation for bridge assembly. Finally, construction of an interim west connection bridge started in July 2013.

- **Tacoma:** Construction continues on supplemental stability pontoons. Work is underway on the fourth cycle in Tacoma following a float-out in July 2013.
- **Kenmore:** Work continues on precast elements such as roadway sections. Anchors for the new bridge were built in Kenmore, and all new anchors are complete and set in the lake.

As of September 2013, 32 of the 77 pontoons are complete for the new floating bridge.

### West Approach Bridge North

This project will build the north half of the west approach bridge, connecting six lanes of traffic from the new floating bridge to the Montlake area. It will also connect the regional bicycle/pedestrian path to Montlake and complete seismic safety from Seattle to the Eastside.



Progress continued on the new Evergreen Point Road lid and floating bridge assembly on Lake Washington.

## Pontoon repairs updates

In May 2012, WSDOT encountered concrete spalling and end-wall cracking in four of the first six pontoons constructed during the first pontoon cycle for the new SR 520 floating bridge. WSDOT convened an expert review panel, which endorsed modifications to repair spalling and end-wall cracking in those four pontoons.

Repairs on two of these pontoons were completed from June to September 2013 at drydock facilities in Portland and Seattle. Repairs will take place

in fall 2013 on the two remaining pontoons in a coffercell on Lake Washington. Once the four pontoons from the first cycle are repaired, the new bridge will meet its required 75-year design life.

The second cycle of pontoons was completed and floated out in April 2013, and included the endorsed modifications. These pontoons have not experienced the issues found in the first cycle. Work is underway on the third cycle, which is scheduled to float out in fall 2013.

## SR 520 program costs and funding update

The SR 520 program budget is \$4.65 billion. Current cost estimates for the program total \$4.13 billion. Of this, \$2.72 billion is currently funded. This includes construction of the new floating bridge, new pontoons in Aberdeen, a new Eastside corridor, and the north half of the new west approach bridge.

A funding gap remains of \$1.4 billion to complete project elements in Seattle. WSDOT is continuing to work with the Legislature to identify this funding, including studying the possibility of tolling the I-90 bridge.

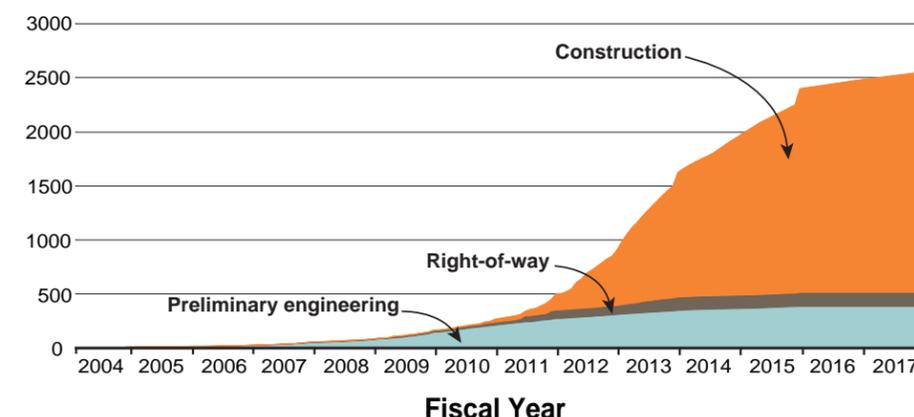
## Risk reserve fund update

WSDOT allocates reserve funds to cover costs that arise during construction. For the SR 520 program, WSDOT allocated \$250 million in risk reserve. Of that, WSDOT has executed change orders costing \$149.8 million, leaving a current total (as of September 2013) of \$100.2 million to cover future change orders. WSDOT will continue to work with its contractors to refine the project schedule and negotiate future change orders as needed.

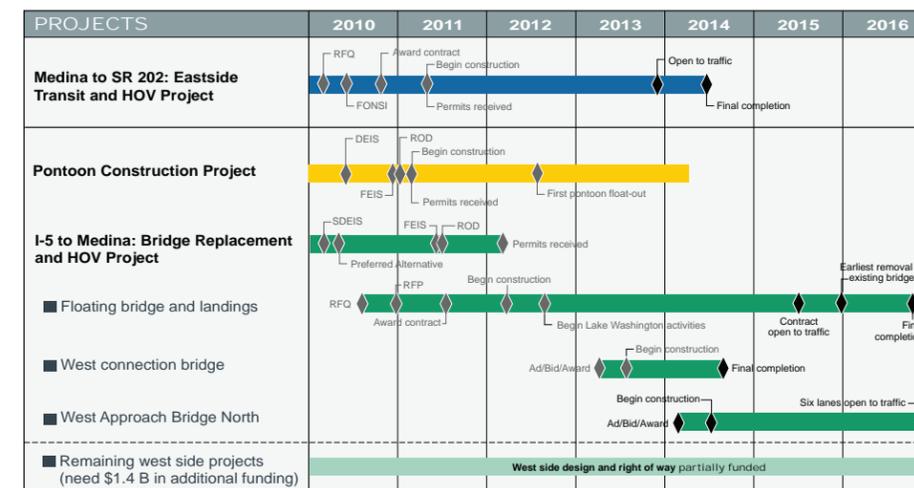
## Program financial status

### Program expenditure plan

Millions



### Program schedule



On Thursday, Aug. 22, crews floated Pontoon T out of the drydock in Portland, Ore. In this photo, support vessels tow the pontoon into the Columbia River.