SR 520 Program

Building safety and mobility improvements along the SR 520 corridor

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Program Administrator
SR 520 Bridge Replacement and HOV Program

Washington State Transportation Commission
March 15, 2016
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: Fully funded by 2015 Connecting Washington package
Connecting Washington funding signed into law

- **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 costs and funding (design & construction)

### SR 520 program cost estimate

*Note: 2009 Legislative spending cap is $4.65 billion*

<table>
<thead>
<tr>
<th>Funding received</th>
<th>$4.56 B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Note: Based on 2015 Legislative authorization</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Funding sources (below)

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>State funding (primarily Motor Vehicle Fuel Tax)</td>
<td>$0.61 B</td>
</tr>
<tr>
<td>State funding (Connecting Washington Account)</td>
<td>$1.64 B</td>
</tr>
<tr>
<td>SR 520 Account (tolling and future federal funds)</td>
<td>$1.65 B</td>
</tr>
<tr>
<td>Federal TIFIA loan</td>
<td>$0.30 B</td>
</tr>
<tr>
<td>Other federal funding</td>
<td>$0.20 B</td>
</tr>
<tr>
<td>Deferred sales tax</td>
<td>$0.16 B</td>
</tr>
</tbody>
</table>

*Includes $1.64 billion in new revenue authorized in 2015 via ESSB 5988,*  
*Includes $14 million authorized in 2015 via 2ESHB 1299,*  
*Includes $10 million in existing agency resources authorized in 2014 via ESSB 6001.*
SR 520 Job Creation

- SR 520 projects have created hundreds of jobs around the state.
  - During the peak of construction, there have been over 1,300 people working on SR 520 construction at one time.

Eastside and pontoon construction are now complete, and major work is focused on completing the floating bridge and building the West Approach Bridge North.

The “Rest of the West” project will also generate hundreds of 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
Shaded projects are substantially complete.

<table>
<thead>
<tr>
<th>Project</th>
<th>DBE</th>
<th>Apprentice</th>
<th>Training Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Percentage</td>
<td>Last Report Date</td>
<td>Hours % (15% Goal)</td>
</tr>
<tr>
<td>CONSTRUCTION -</td>
<td>Goall</td>
<td>Current</td>
<td>Companies</td>
</tr>
<tr>
<td>Eastside Transit and HOV</td>
<td>11%</td>
<td>16%</td>
<td>36</td>
</tr>
<tr>
<td>West Connection Bridge</td>
<td>3%</td>
<td>4%</td>
<td>5</td>
</tr>
<tr>
<td>West Approach Bridge North</td>
<td>12%</td>
<td>2%</td>
<td>17</td>
</tr>
<tr>
<td>Pontoon Construction</td>
<td>6%</td>
<td>7%</td>
<td>20</td>
</tr>
<tr>
<td>Floating Bridge and Landings</td>
<td>7%</td>
<td>8%</td>
<td>46</td>
</tr>
<tr>
<td>520 Architecture and Engineering -</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corridor Dev.</td>
<td>N/A</td>
<td>8%</td>
<td>N/A</td>
</tr>
<tr>
<td>Rest of the West</td>
<td>9%**</td>
<td>15%</td>
<td>5</td>
</tr>
</tbody>
</table>

*Total Hours reported 38,646. However, 11,657 hours are excess laborer hours that can’t be counted toward the goal.
**Goal is voluntary.
Rest of the West project overview

- Under Construction: West Approach Bridge North
- Montlake lid/land bridge
- Montlake Cut crossing
- West Approach Bridge South
- Portage Bay Bridge
- 10th and Delmar lid
- I-5 interchange

Fully Funded!
Rest of the West project update

WSDOT continues its work with the City of Seattle on the west side.

Key topics of recent coordination include:

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

Now, with full funding, we will:

- Continue our work with the City of Seattle
- Advance design to a higher level and continue to incorporate practical design
- Prepare construction contract documents and prepare for construction
Design rendering: West Approach Bridge South

Graphic rendering of the new West Approach Bridge South, looking northeast, parallel to the new West Approach Bridge North, which is currently under construction.
Delivery update: Rest of the West
West Approach Bridge North project overview

Looking west from the bicycle/pedestrian path towards the UW.

Looking west on the new WABN structure.
Construction update: West Approach Bridge North
Construction update: West Approach Bridge North
Floating Bridge and Landings Project overview
Then and now: construction aerials

Sept. 2014 – Looking east

Nov. 2015 – Looking east
Floating bridge construction milestones in 2015

The final float in of pontoons in March 2015

The east transition span is placed in April 2015

The last low-rise deck section is lowered into place in Aug. 2015

Crews pour the deck for the west transition span in Oct. 2015
Floating Bridge and Landings Project: looking forward

2016 look-ahead

- **Grand Opening event** for the public: April 2 and 3 on the bridge.
- Traffic switches to new bridge in phases (tentatively April 11 and 25)
- Existing bridge decommissioned, expected to finish by late 2016

*Note:* visit [www.520GoLong.com](http://www.520GoLong.com) for all the details about our Grand Opening celebration event!
Next steps

- Floating bridge construction continues – new bridge to open in spring 2016.
- Removal of the existing floating bridge – scheduled by late 2016.
- West Approach Bridge North construction continues – new bridge scheduled to open in summer 2017.
- “Rest of the West” project elements – continue practical design efforts and prepare for construction of the next project phase, to begin by 2018.
Questions?

For more information:

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

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