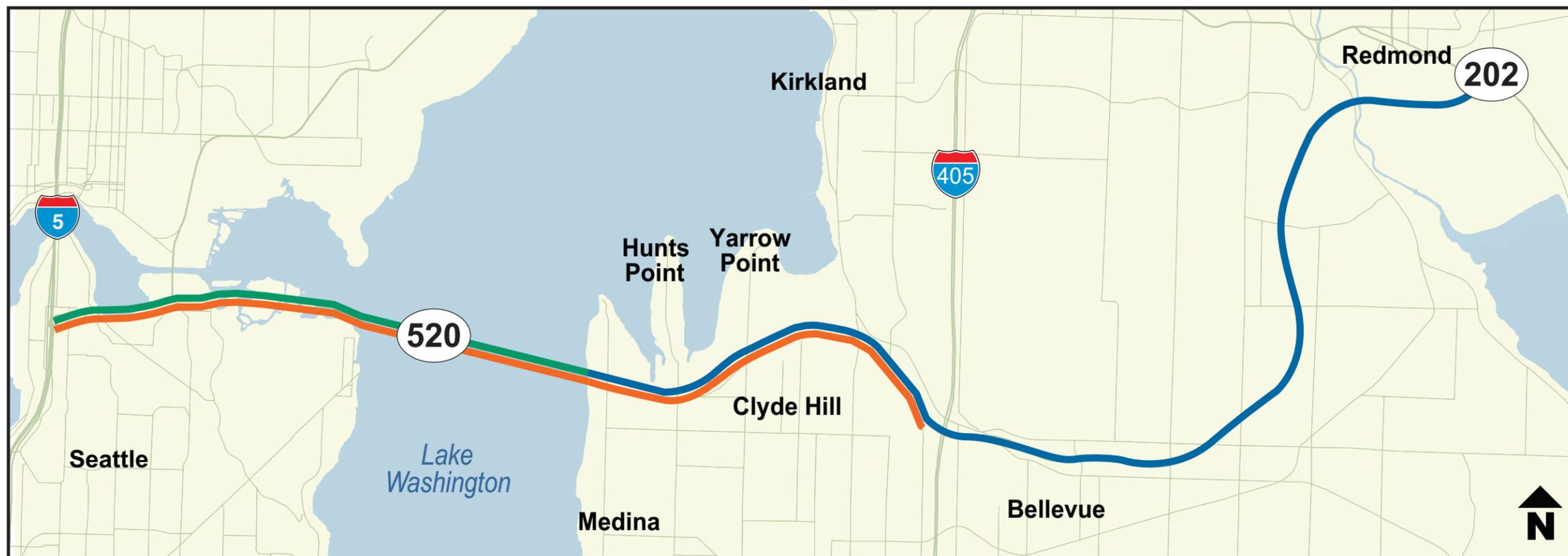


SR 520 Program description

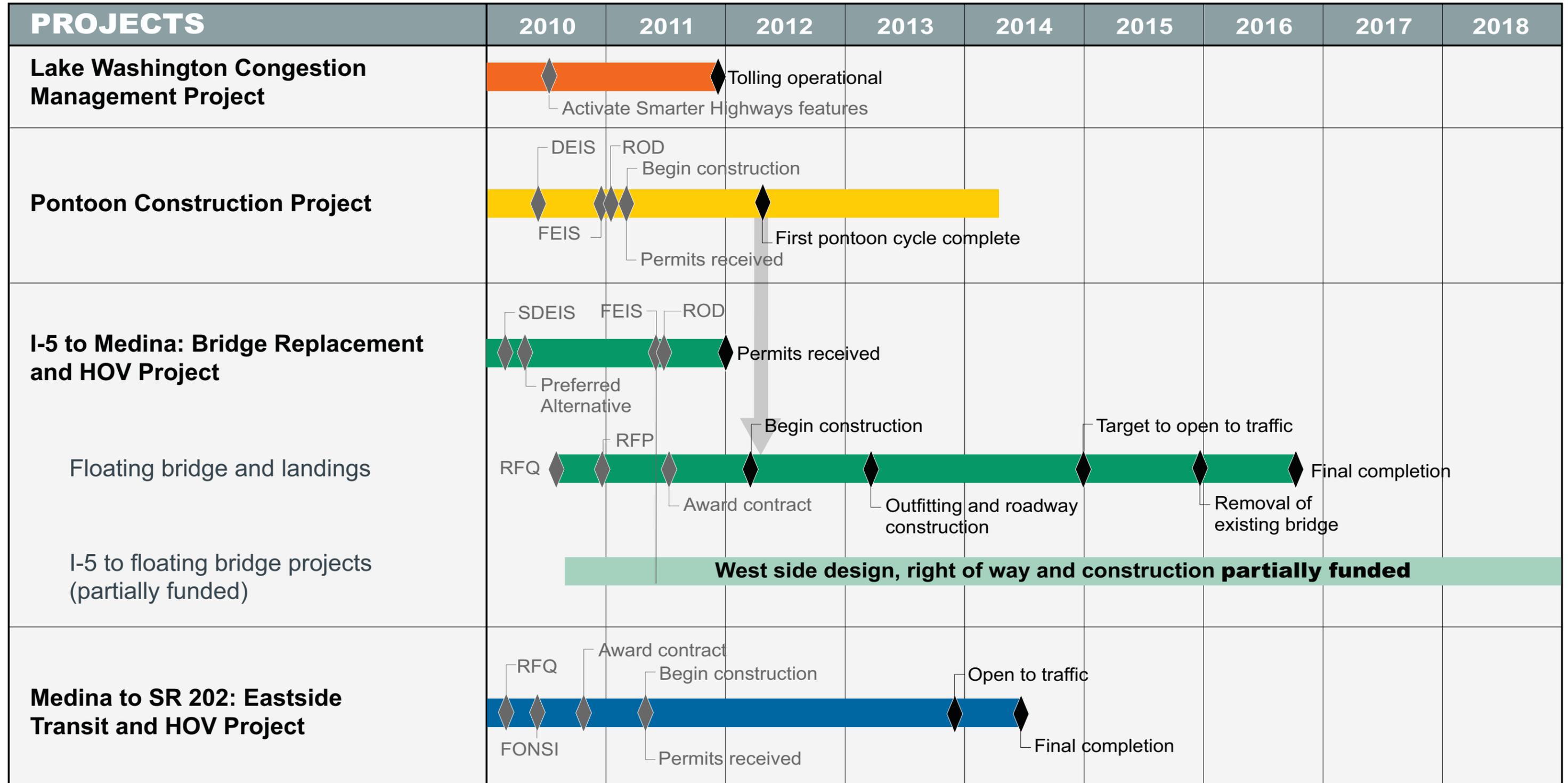
The SR 520 Bridge Replacement and HOV Program will replace the Portage Bay and Evergreen Point bridges and improve the existing roadway between I-5 in Seattle and SR 202 on the Eastside.

-  **I-5 to Medina: Bridge Replacement and HOV Project** – Replaces the SR 520 floating bridge and landings, and interchanges and roadway between I-5 and the eastern shore of Lake Washington.
-  **Medina to SR 202: Eastside Transit and HOV Project** – Completes and improves the transit and HOV system from Evergreen Point Road in Medina to the SR 202 interchange in Redmond.
-  **Lake Washington Congestion Management Project** – Implements tolls on the existing SR 520 floating bridge, and activates Smarter Highways features from I-5 to I-405.
-  **Pontoon Construction Project** – Advances pontoon construction to replace the floating section of the SR 520 bridge in the event of a catastrophic failure and to store those pontoons until needed.



SR 520 Program schedule

Updated: September 2011



SR 520 Program costs and funding

SR 520 PROGRAM BUDGET: \$4.65 BILLION



What's funded: \$2.43 billion

- The new, safer SR 520 floating bridge
- Pontoon construction in Grays Harbor
- Eastside transit and HOV improvements
- Environmental review, design and right of way from I-5 to the floating bridge



SR 520 Bridge Replacement and HOV Program

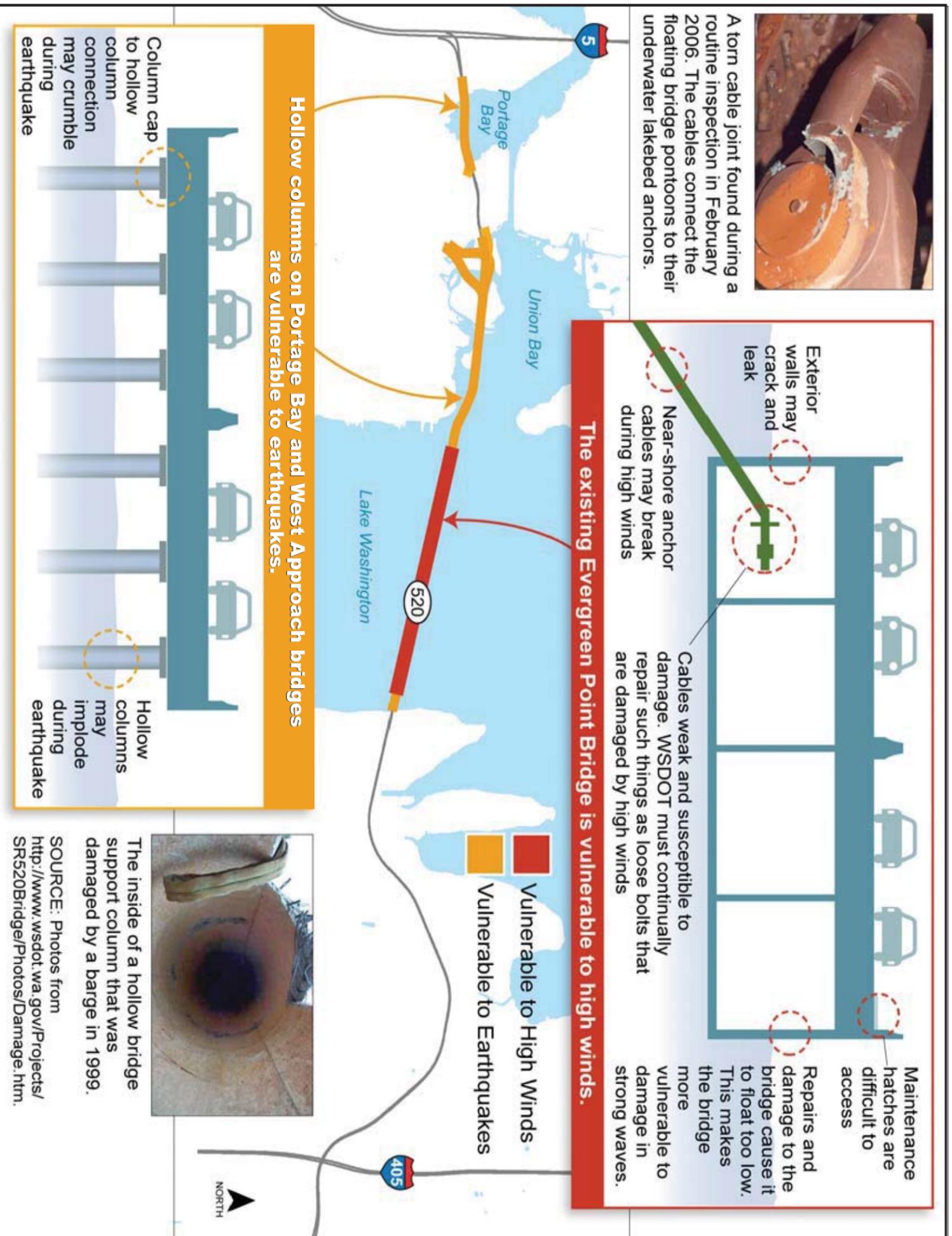


SR 520 vulnerability

The SR 520 floating bridge and structures are nearing the end of their design lives and are at risk of catastrophic failure.



A torn cable joint found during a routine inspection in February 2006. The cables connect the floating bridge pontoons to their underwater lakebed anchors.



The inside of a hollow bridge support column that was damaged by a barge in 1999.

Emergency bridge maintenance repairs completed in early March

- On March 8, crews discovered a damaged pin connection on the west end of the floating bridge during a routine bridge inspection.
- Crews worked in 30-foot-deep water to repair the pin connection and in 60-foot-deep water to replace a broken bolt and damaged pin on the southeast anchor cable.
- These emergency repairs were critical to maintain the bridge's ability to withstand windstorms.
- We continue regular inspections to maintain safety of the existing floating bridge.

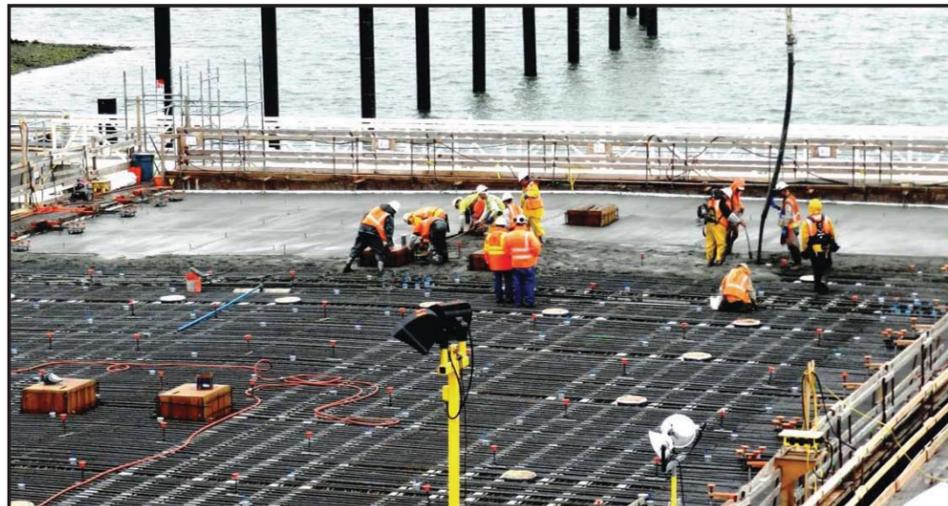


Damaged floating bridge pin connection and anchor cable section.

SR 520 Program construction update

Pontoon construction

- Construction began in Aberdeen in February 2011.
- The pontoon casting basin is complete and work is under way on the first cycle of pontoons.
- Design-build contract amount: \$367.3 million.



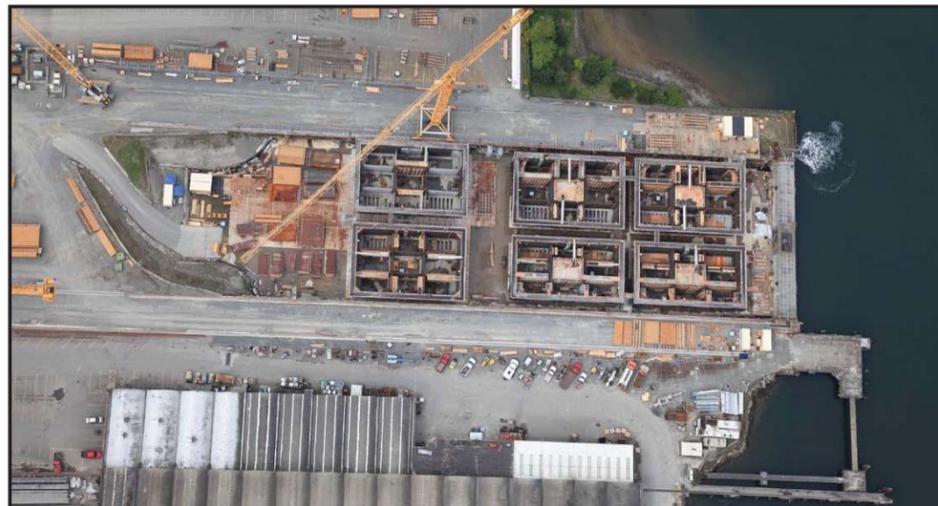
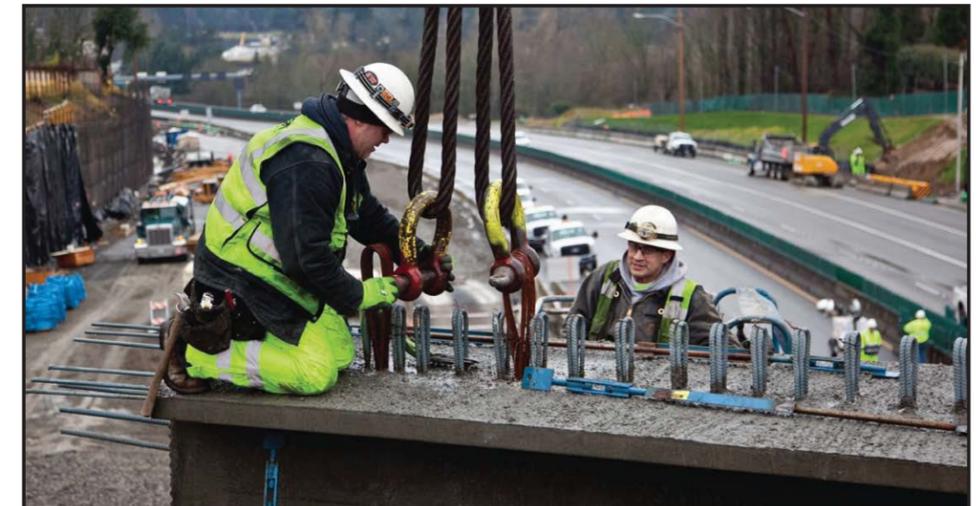
Floating bridge construction

- Construction began on Lake Washington in April 2012.
- Construction is also under way in Tacoma and Kenmore on bridge pontoon and pre-cast elements.
- Crews will open a new floating bridge to drivers as soon as December 2014.
- Design-build contract amount: \$586.6 million.



Eastside construction

- Construction began in April 2011.
- Crews have completed three fish-friendly culverts and begun construction on all four lids and overpass over SR 520.
- Design-build contract amount: \$306.3 million.



SR 520 Sustainability

The SR 520 Bridge Replacement and HOV Program is the first program in the U.S. working to implement measurable sustainability criteria across an entire corridor. These criteria seek to improve the environmental, social, and economic welfare of communities affected by construction and operation of public infrastructure.

SR 520 Golden Thread

The SR 520 Program includes a **Golden Thread of Sustainability**, four key sustainability goals that are woven through the design, construction, and operation of the new SR 520 corridor. These goals are:

- ◆ Reuse, reduce, or recycle construction materials
- ◆ Reclaim existing sites and facilities for new uses
- ◆ Reduce greenhouse gases during construction and for the life of the corridor
- ◆ Improve access for all users to transportation options and community space

Eastside Transit and HOV Project

- ◆ Enhance public open space.
- ◆ Improve transit access and quality of experience.
- ◆ Recycle construction materials.
- ◆ Improve fish passage.
- ◆ Provide continuous HOV lanes.



Rendering of Evergreen Point Road lid with improved transit operations and new open space.

Floating Bridge and Landings

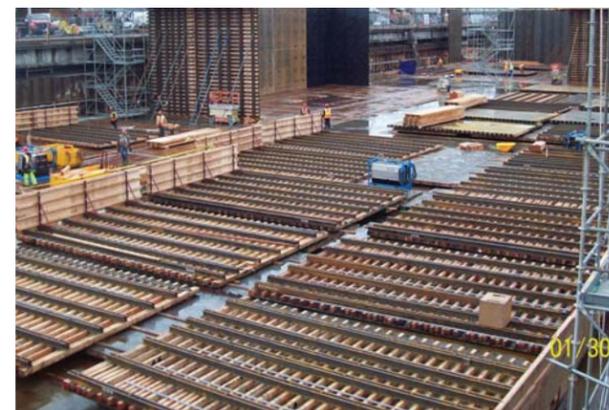
- ◆ Reduce stormwater pollution discharges to the lake.
- ◆ Minimize in-water impacts.
- ◆ Reduce construction duration.
- ◆ Increase structural durability and life cycle costs.
- ◆ Reuse and recycle materials.
- ◆ Decommission the existing floating bridge.
- ◆ Use existing industrial sites.



New and wider culverts will provide better fish passage on the Eastside.

Westside Design and Construction

- ◆ Assure integration of urban and sustainability design principles.
- ◆ Increase transit and HOV access.
- ◆ Increase access to public open space.
- ◆ Reduce infrastructure impacts on the natural environment.
- ◆ Reduce construction-related noise and pollution.



Pontoon construction under way at an existing site in Tacoma.



Rendering of the new path on the floating bridge that will connect cyclists and pedestrians to regional trails on both sides of Lake Washington.