

Highway Construction Program

Monthly Delivery Progress Report Watch List

January 2014

This report focuses on Capital Highway Program projects which have, or may have significant changes in scope, schedule, or budget. These projects are reported monthly by CPDM to identify when and how these delivery issues are resolved.

The Monthly Delivery Progress Report Watch List replaces the quarterly delivery progress report previously known as The Gray Notebook Watch List. A monthly report allows for timely reporting and improves transparency on delivery progress.

This report sorts projects into three categories: new projects being reported on, changes from last month, and projects previously reported that have no changes and are not yet resolved.

- *New projects in January 2014.* These projects have been added to the watch list due to potential changes or issues in scope, schedule, or budget. This category also includes projects with changes that occurred and were resolved within the current month.
- *Changes from Last Month.* Changes discussed in this section were on the previous month's watch list and have other issues that have happened; or they may have been resolved. *This section also includes projects where the issues were resolved and the project was removed from this list.*
- *No Changes from Last Month.* These projects were on the previous month's watch list and are being followed while an issue is in the process of being resolved.

For additional information on scope, schedule and budget for all projects, please visit [WSDOT's project pages](http://www.wsdot.wa.gov/projects/search/). This is the link that leads to the websites of individual projects:
<http://www.wsdot.wa.gov/projects/search/>

To search for a particular project, please enter the state route, county, project title or PIN.

Summary

Delivery Progress Report Summary Table as of January 31, 2014, with issues based on a monthly update.

New in January 2014	
Project	Phase/Issue
US 2/Jct SR 206 Intersection Analysis of Alternatives (Spokane) 600206A	<i>Design: design element change</i>
SR 11/Padden Creek –Fish Barrier Removal (Whatcom) 101120D	<i>Construction: schedule</i>

SR 16/Olympic Drive NW Bridge - Special Repair (Pierce) 301643B	<i>Design: design element changes</i>
SR 104/Hood Canal Bridge - Special Repair (Jefferson, Kitsap) 310439A	<i>Design: cost increase</i>
SR 202/Little Bear Creek - Fish Barrier Removal (King) 120200D	<i>Design: technical issues</i>

No Changes from December 2013	
<i>Project</i>	<i>Phase/Issue</i>
SR 3/Belfair Area – Widening and Safety Improvements (Mason) 300344D	<i>Design: right of way issues; schedule delay</i>
I-5/Portland Ave to Port of Tacoma Rd – NB HOV (Pierce) 300509N	<i>Design: tribal concerns</i>
I-5/Portland Ave to Port of Tacoma Rd - SB HOV (Pierce) 300509S	<i>Design: tribal concerns</i>
I-5/M St to Portland Ave – HOV (Pierce) 300509M	<i>Design: geological</i>
I-5/SR 16/EB Nalley Valley – HOV (Pierce) 300509X	<i>Construction: weather</i>
SR 16/Anderson Creek Tributary to Sinclair Inlet - Fish Barrier Removal (Kitsap) 301653A	<i>Design: schedule delay</i>
SR 16/Tacoma Narrows Bridge - Replace Maintenance Traveler (Pierce) 301698B	<i>Design: design element change</i>
SR 20/Race Road to Jacobs Road – Safety Improvements (Phase 2) (Island) 102010R	<i>Design: design element changes</i>
I-90/Snowshed to Keechelus Dam Phase 1C - Replace Snowshed and Add Lanes (Kittitas) 509090C	<i>Construction: design element change</i>
SR 99/George Washington Bridge – Painting (King) 109947B	<i>Design: design element changes</i>
SR 99/S King St Vic to Roy St - Viaduct Replacement (King) 809936E	<i>Construction: site problems</i>
US 101 /Siebert Creek – Remove Fish Barrier (Clallam) 310104F	<i>Design: design element changes</i>

SR 162/Puyallup River Bridge - Replace Bridge (Pierce) 316219A	<i>Design: permitting</i>
SR 302/Key Peninsula Highway to Purdy Vic - Safety & Congestion (Pierce) 330215A	<i>Design: utility relocations</i>
SR 307/Dogfish Creek - Fish Barrier Removal (Kitsap) 330706A	<i>Design: schedule delay</i>
SR 507/Lacamas Creek Tributary to Muck Creek – Fish Barrier Removal (Pierce) 350737A	<i>Design: schedule delay</i>
SR 520/Bridge Replacement and HOV (Nickel/TPA) (King) 8BI1003 <ul style="list-style-type: none"> SR 520/Medina to SR 202 Vicinity - Eastside Transit and HOV (King) 852021A SR 520 Pontoon Construction (Grays Harbor, King) 852003A SR 520/I-5 to Medina - Evergreen Point Floating Bridge and Landings (King) 852004B 	<i>Construction: construction materials</i>
SR 520/Bridge Replacement and HOV (Nickel/TPA) (King) 8BI1003 <ul style="list-style-type: none"> SR 520 Pontoon Construction (Grays Harbor, King) 852003A 	<i>Construction: construction materials</i>
SR 520/Bridge Replacement and HOV (Nickel/TPA) (King) 8BI1003 <ul style="list-style-type: none"> SR 520/Medina to SR 202 Vicinity - Eastside Transit and HOV (King) 852021A 	<i>Construction: construction materials</i>
SR 532/Davis Slough Bridge Replacement – Widening for Flood Prevention (Island, Snohomish) 153208G	<i>Design: environmental permitting</i>
SR 542/Hedrick Creek - Fish Barrier Removal (Whatcom) 154231J	<i>Design: schedule delay</i>

January 2014

Project Detail

Below is the detail behind the above summary.

New in January 2014

US 2/Jct SR 206 Intersection Analysis of Alternatives (Spokane)

Issue: There is a potential scope change, the schedule is being delayed, and the cost may be impacted.

This \$5 million project is in the design phase. Initial plans for the project to be built as a roundabout began in 2004. Since the nearby land use has changed, a practical design alternative to the roundabout may provide improvements at more than one location on the corridor. The project's limits are being expanded to allow further analysis and public outreach to find solutions throughout the entire corridor and remain within budget. The extent of any scope changes will be known after the alternative is chosen.

The advertisement date was delayed 17 months, from November 2013 to April 2015, due to the time required to purchase right of way for the initial roundabout. Right of way purchases are now on hold due to the potential scope change. The project completion date will be delayed one year, from December 2014 to December 2015.

The project cost may be impacted by the additional analysis and project delay.

SR 11/Padden Creek – Fish Barrier Removal (Whatcom)

Issue: The project completion schedule continues to be delayed.

This \$2.8 million project is in the construction phase. The project will build a new bridge on SR 11 to replace a portion of a brick tunnel that channelizes Padden Creek and is a barrier to fish passage.

The project completion date has been delayed from December 2013 to March 2014. The bridge ends must be paved before traffic can be placed in the final configuration and re-opened to traffic. The Bellingham-area asphalt batch plants are closed for the winter and will not open until March. Remaining work to be done also includes setting the pedestrian rail, permanent striping, and cleanup.

WSDOT is coordinating this work with the City of Bellingham. The city received a grant to restore Padden Creek to a more natural streambed that receives more daylight.

SR 16/Olympic Drive NW Bridge - Special Repair (Pierce)

Issue: The scope has changed, the budget on this project has increased, and the schedule was delayed.

This project is in design and budgeted for \$922,000. The project limits have increased by .83 of a mile. The project budget has been increased by \$590,000 to a total of \$1.5 million for additional cantilever signage, and to realign lanes under the bridge.

This bridge has been struck twice by an over-height vehicle within a short period of time. The second hit occurred four months after the repairs were made to the girder damaged from the first hit.

The HOV lane terminates at Olympic Drive in the westbound direction. Currently, all three lanes pass under the structure and then the right lane ends and tapers into the middle lane. By re-striping the lanes so that the right lane becomes an exit-only lane, it allows the remaining two

lanes to be shifted to the right, moving traffic away from the point of lowest vertical clearance. Cantilevered signs will be installed to direct traffic to move over and inform the drivers that the right lane is an exit-only lane.

The advertisement date was delayed from December 2013 to March 2014 and the project completion date was delayed from August 2014 to November 2014 to incorporate the lane re-striping option.

SR 104/Hood Canal Bridge - Special Repair (Jefferson, Kitsap)

Issue: Additional scope of work added to this project has increased the cost and delayed the start of the project. The advertisement date continues to be delayed.

This project, budgeted in 2008 for \$6.1 million, is in the design phase and will replace aging anchor cables to reduce the risk of catastrophic failure and preserve the structural integrity of this bridge.

Since 2008, the cost of the project has increased by \$3 million to a total cost of \$9.1 million. The additional cost increase is due to taxes, added contingencies and construction engineering, and the need to replace an additional 3 cables, for a total of 21 cable replacements. The cost of the cables has increased since the 2008 estimate.

SR 202/Little Bear Creek - Fish Barrier Removal (King)

Issue: Design refinements have increased the cost of the project.

This project, budgeted for \$7.4 million, is in design. The project will remove an existing culvert and replace it with a bridge sufficient to accommodate Little Bear Creek and to allow fish passage.

Costs on this project have increased by \$2.4 million, from \$7.4 million to a total cost of \$9.8 million. The increase is due to an updated bridge estimate increasing the depth of the retaining wall system from 40 feet to a total of 60 feet, and additional traffic impacts to construct the project at night while keeping all lanes open to traffic during the day.

No Changes from December 2013

SR 3/Belfair Area – Widening and Safety Improvements (Mason)

Status: No change. The advertisement date continues to be delayed. This project will remain on this list until the actual advertisement date.

Previously reported: The schedule has been further delayed and the project cost has increased by \$1.1 million to a total project cost of \$19.3 million. The increase was incorporated into this project. The advertisement date was delayed from June 2013 and the completion date has been delayed from June 2015. Right of way acquisition has proved to be more extensive than anticipated. Twenty-six of the 44 parcels have been acquired, but complex offers remain to be

settled. (For the complete report, please see the August 2013 Watch List at the [Progress Delivery Reports Archive](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

I-5/Portland Ave to Port of Tacoma Rd – NB HOV (Pierce)

Status: No change.

Previously reported: The operationally complete date has been further delayed nine months to August 2017. The construction schedule has been delayed. The project, expected to be readvertised in September 2013, is now anticipated to be readvertised in June 2014. The bid opening has been cancelled on this project until the negotiations with the Puyallup Tribe of Indians have been completed. The operationally complete date is also being delayed by one year to November 2016. (For the complete report, please see the June 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

I-5/Portland Ave to Port of Tacoma Rd - SB HOV (Pierce)

Status: No change.

Previously reported: The schedule delay has been incorporated into the project. This project, budgeted for \$248.1 million, is in the design phase; the schedule has been delayed. The advertisement date has been delayed from March 2016 to June 2017, due to the bid opening cancellation on the northbound HOV project to allow time for ongoing negotiations with the Puyallup Tribe of Indians on mitigating project impacts and acquiring easements. The project completion date on this southbound project may be delayed, from March 2019 to November 2020. (For the complete report, please see the October 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm).) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

I-5/M St to Portland Ave – HOV (Pierce)

Status: No change. The advertisement date continues to be delayed.

Previously reported: The cost has increased and the schedule has been further delayed. This project, budgeted for \$142.5 million, is in the design phase. The cost increased by \$26 million to a total cost of \$168.5 million, due to increased costs for bridge demolition, shaft obstructions, drainage, and a correction to underestimating the square footage of the new bridge. The advertisement date was delayed from August 2013 due to changes in staging the construction plans for alignment, drainage, paving, and work zone traffic control. The project completion date has been delayed 10 months to February 2017. (For the complete report, please see the October 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm).) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

I-5/SR 16/EB Nalley Valley – HOV (Pierce)

Status: No change. This project is being removed from this list.

Previously reported: The construction schedule has been delayed and incorporated into the project. This Nickel and TPA project, budgeted for \$115 million, is in construction. The operationally complete date has been delayed by four months, from March 2014 to July 2014, due to unsuitable weather reducing the number of workable days in the schedule. (For the complete report, please see the December 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 16/Anderson Creek Tributary to Sinclair Inlet - Fish Barrier Removal (Kitsap)

Status: No change.

Previously reported: The cost has increased and the schedule has been delayed. In order to deliver fish barrier removal projects at a level and pace to meet the terms of the permanent injunction issued by the U.S. District Court on March 29, 2013, WSDOT is deferring the construction of this project and three other projects. The cost on this project, budgeted for \$7.2 million, increased by \$611,000 to \$7.8 million due to cultural resource work required on a shell midden, and work zone traffic control more complex than initially planned. The advertisement date was delayed two years to December 2015; the project completion date was also delayed almost two years, to October 2016. This project is delayed until additional funding is acquired. (For the complete report, please see the October 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm).) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 16/Tacoma Narrows Bridge - Replace Maintenance Traveler (Pierce)

No change. The cost increase has been incorporated into the project. The advertisement date continues to be delayed.

Previously reported: The budget and schedule are at risk. Design revisions and historical preservation requirements have delayed the advertisement from January 2014 to allow time for consultants to design the upper rail and delete the lower rail from the plan set. The project cost has increased by \$5.6 million, from \$3.8 million to \$9.3 million. (For the complete report, please see the November 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 20/Race Road to Jacobs Road – Safety Improvements (Phase 2) (Island)

Status: No change. The advertisement date continues to be delayed. This project will be kept on this list until the actual advertisement date.

Previously reported: The project has scope changes, a cost increase, and a schedule delay. The cost of this \$4.9 million project has increased by \$1.1 million to a total cost of \$6 million due to a change in the recommended solution. The advertisement date is delayed from December 2014 to allow time to obtain additional environmental permits (Section 106, 4(F)), following the determination that Parker Road is an historic road, and to allow more time for right of way acquisition. The project completion date is anticipated to remain as July 2015. (For the complete report, please see the December 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

I-90 Snowshed to Keechelus Dam Phase 1C – Replace Snowshed and Add Lanes (Kittitas)

Status: No change.

Previously reported: The completion date has been delayed one year from October 2017 to October 2018 due to delays in the contractor’s schedule which reflect design revisions. Also delaying the project is slower-than-expected progress on construction of a wall supporting the westbound lanes due to unanticipated voids in the existing embankment. WSDOT continues to re-evaluate the wall design in anticipation that an alternative design will be completed over the course of the winter. (For the complete report, please see the September 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm).) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

This project was listed on the [Construction Change Order website](#) in September.

SR 99/George Washington Bridge – Painting (King)

Status: No change.

Previously reported: The schedule of this project has been delayed. This project, budgeted for \$50.1 million, will clean and paint the bridge to preserve the structural integrity. The project is in the design phase and the bridge design work has been delayed. The Bridge Office has required a complete evaluation of all bridge members for potential repairs or replacements due to missing caps on rail pedestal and decayed steel members including luminaries prior to painting the bridge. As a result, the advertisement has been delayed by eight months, from January 2014 to September 2014. The extent of the repairs that may be recommended as a result of the evaluation are not known at this time. (For the complete report, please see the December 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 99/S King St Vic to Roy St - Viaduct Replacement (King)

Status: No change.

Previously reported: An underground obstacle has halted the tunnel boring machine. On December 6th, the tunnel boring machine, Bertha, was stopped to determine what was obstructing progress. Bertha has tunneled more than 1,000 feet at a depth of 60 feet below the earth's surface and was about 10 percent of the way through her nearly two-mile journey to the north end of downtown Seattle. The \$2 billion tunnel is part of the state's \$3.1 billion replacement for the Alaskan Way Viaduct, which is at risk of failure in a severe earthquake. (For the complete report, please see the December 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

US 101 /Siebert Creek – Remove Fish Barrier (Clallam)

Status: No change.

Previously reported: The cost has increased and the schedule was delayed. This project, budgeted for \$7.6 million, is in design. The cost has increased by \$18 million to a total project cost of \$25.6 million due to redesigning this project to eliminate restrictions to fish passage. The original 2008 design was to replace an existing culvert and did not meet current requirements for fish barrier removal. The redesign will replace the existing culvert with a new bridge.

The advertisement date remains at the original date of September 2016. The new design has delayed the project completion date by 14 months, from February 2017 to April 2018. (For the complete report, please see the December 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 162/Puyallup River Bridge - Replace Bridge (Pierce)

Status: No change. The advertisement date continues to be delayed. This project will be kept on this list until the actual advertisement date.

Previously reported: The schedule was delayed. This project, budgeted for \$15.6 million, is in design. The advertisement date has been delayed nine months, from December 2013, due to environmental permitting issues. The project completion has been delayed 11 months, from April 2015 to March 2016. (For the complete report, please see the December 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 302/Key Peninsula Highway to Purdy Vic - Safety & Congestion (Pierce)

Status: No change. The advertisement date on this project continues to be delayed. This project will be kept on this list until the actual advertisement date.

Previously reported: The delay to the schedule has been incorporated into the project. The advertisement date has been delayed from October 2013 to complete right of way acquisition

and utility relocation work. As a result, the completion date was delayed three months, from November 2014 to February 2015. (For the complete report, please see the November 2013 Watch List at the [Progress Delivery Reports Archive](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm) website.)

<http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 307/Dogfish Creek - Fish Barrier Removal (Kitsap)

Status: No change. The delay to the schedule has been incorporated into the project.

Previously reported: The schedule has been delayed on this \$2.5 million project. In order to deliver fish barrier removal projects at a level and pace to meet the terms of the permanent injunction issued by the U.S. District Court on March 29, 2013, WSDOT is deferring the construction of this project and three other projects. The advertisement date was delayed almost two years to December 2015. The project completion was delayed two years to October 2016. This project is delayed until additional funding is acquired. (For the complete report, please see the October 2013 Watch List at the [Progress Delivery Reports Archive](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm) website)

<http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 507/Lacamas Creek Tributary to Muck Creek – Fish Barrier Removal (Pierce)

Status: No change.

Previously reported: The schedule has been delayed on this \$1.8 million project. In order to deliver fish barrier removal projects at a level and pace to meet the terms of the permanent injunction issued by the U.S. District Court on March 29, 2013, WSDOT is deferring the construction of this project and three other projects. The advertisement date was delayed 2½ years to December 2015. The project completion date was delayed three years to October 2016. This project is delayed until additional funding is acquired. (For the complete report, please see the October 2013 Watch List at the [Progress Delivery Reports Archive](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm) website.)

<http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 520/ Bridge Replacement and HOV (Nickel/TPA) (King)

- SR 520/Medina to SR 202 Vicinity - Eastside Transit and HOV (King)
- SR 520 Pontoon Construction (Grays Harbor, King)
- SR 520/I-5 to Medina - Evergreen Point Floating Bridge and Landings (King)

Status: No change.

Previously reported: Additional funding is required. These three design-build projects in the SR 520 program are in construction. WSDOT has requested approximately \$170 million in additional project funding. (For the complete report, please see the December 2013 Watch List at the [Progress Delivery Reports Archive](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm) website)

<http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 520/ Bridge Replacement and HOV (Nickel/TPA) (King)

- SR 520 Pontoon Construction (Grays Harbor, King)

Status: No change. This project will be kept on this list until the actual project completion date.

Previously reported: The construction schedule has been delayed. This design-build project, budgeted for \$543.7 million, is in construction. The pontoon project completion date has been delayed from July 2014 due to additional time needed to complete the repairs to cracks on the pontoons. (For the complete report, please see the December 2013 Watch List at [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 520/ Bridge Replacement and HOV (Nickel/TPA) (King)

- SR 520/Medina to SR 202 Vicinity - Eastside Transit and HOV (King)

Status: No change. This project will be kept on this list until the actual project completion date.

Previously reported: The construction schedule is being delayed. This design-build project, budgeted for \$481 million, is in construction. The project completion date on this project has been delayed from December 2013. The issues related to the delay are currently under negotiation between the contractor and WSDOT. Resolution is expected within the next three to six months. (For the complete report, please see the December 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 532/Davis Slough Bridge Replacement – Widening for Flood Prevention (Island, Snohomish)

Status: No change. The advertisement date continues to be delayed.

Previously reported: The advertisement date was further delayed from December 2013 to allow time for WSDOT to comply with both permitting and planning code requirements of Island County's Shoreline permit. Native American artifacts were also uncovered on a parcel of land; WSDOT anticipates a portion of the plans will require redrafting. The operationally complete date remains on schedule. (For the complete report, please see the November 2013 Watch List at the [Progress Delivery Reports Archive website](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm)) <http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>

SR 542/Hedrick Creek - Fish Barrier (Whatcom)

Status: No change.

Previously reported: The schedule has been delayed on this \$6 million project. In order to deliver fish barrier removal projects at a level and pace to meet the terms of the permanent injunction issued by the U.S. District Court on March 29, 2013, WSDOT is deferring the construction of this project and three other projects. The advertisement date was delayed 11 months to November 2014. The project completion date was delayed 19 months to October 2016. This project is delayed until additional funding is acquired. (For the complete report, please see

the October 2013 Watch List at the [Progress Delivery Reports Archive](http://www.wsdot.wa.gov/Projects/Reports/Archive.htm) website.)
<http://www.wsdot.wa.gov/Projects/Reports/Archive.htm>