

Highway Construction Program

Monthly Delivery Progress Report Watch List

October 2015

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.

- **Projects are Removed** when delivery has been delayed out of the Six-Year Plan, when delivery has been attained, or when a significant issue has been mitigated and approved by WSDOT.
- **New projects this month.** 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 Prior 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.
- **No Changes from Prior 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 October 31, 2015, with issues based on a monthly update.

| Removed in October 2015 | |
|--------------------------------|--------------------|
| Project | Phase/Issue |
| None | |

| New in October 2015 | |
|--|---------------------------------|
| Project | Phase/Issue |
| I-5/93rd Ave SW Bridge – Special Repair (Thurston) (300504H) | Construction: emergency repairs |

| Changes from Prior Month | |
|---|------------------------------|
| Project | Phase/Issue |
| SR 99/S King St Vic to Roy St - Viaduct Replacement (King) 809936E | Construction: schedule delay |
| SR 524/Yew Way - Railroad Crossing Improvements (Snohomish) 152413B | Design: schedule delay |

| No Changes from Prior Month | |
|--|------------------------|
| Project | Phase/Issue |
| I-82/Valley Mall Blvd Vic to Yakima River Bridge – Paving (Yakima) 508208K | Design: schedule delay |

| | |
|---|--|
| SR 92/Pilchuck River – CED (Snohomish) 109205A | Design: schedule delay |
| SR 161/24th St E to Jovita - Add Lanes (Pierce) 316118A | Construction: potential cost increase |
| SR 302/N of E Victor Rd - Culvert Replacement (Mason) 330224A | Design: schedule delay |
| SR 410/White River Bridge 410/101 - Bridge Elements Repair (King, Pierce) 141001M | Construction: cost increase |

Project Detail

Below is the detail behind the above summary.

New in October 2015

I-5/93rd Ave SW Bridge – Special Repair (Thurston)

Issue: The bridge was damaged by an oversize load.

An oversize load traveling northbound on I-5 struck the 93rd Avenue overpass at exit 99 on September 13, 2015. The bridge was damaged and will require structural repair and replacement of bridge elements. As a result, the lane width on the bridge has been reduced and shifted to keep traffic away from the damaged area until a permanent repair is completed.

The estimate is being developed to repair the bridge.

Changes from Prior Month

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

Changes from Prior Report: Seattle Tunnel Partner’s schedule is delayed one month.

Previously reported: Seattle Tunnel Partner’s (STP) schedule indicates that tunneling will resume during late November 2015, with the machine emerging at the north end of

downtown approximately one year later. STP plans to open the SR 99 Tunnel in spring 2018. The state cannot verify the contractor's schedule.

After STP and crane crews from Mammoet lowered the SR 99 tunneling machine's 2,000-ton front end into the access pit, crews began reconnecting the front end to the portion of the machine that remains in the ground. Pieces of the machine's shield are also being lowered into the pit and reinstalled. Crews have additional reassembly work, including welding pieces back together and reconnecting hundreds of wires and hoses that are integral to the tunneling operation. STP has successfully lowered the final three pieces of the tunneling machine into the access pit for reassembly. Crews will weld the pieces back together, in addition to reconnecting hundreds of cables and hoses so testing can begin. (For the complete Watch List report, please see the [July 2014 Watch List](#) at the Project Delivery Reports Archive website.)

Update to the September report: STP's updated schedule indicates that tunneling will be ready to resume during late December 2015. STP's projected tunnel opening date has moved by one month, to April 2018. STP and manufacturer Hitachi Zosen continue to weld pieces together, and reconnect hoses and wires. STP informed WSDOT that the schedule change provides time to complete the tunneling machine repairs successfully. WSDOT cannot verify any of the dates shown in this new schedule.

For more updates on the Alaskan Way Viaduct Replacement project, please see the Alaskan Way Viaduct website at <http://www.wsdot.wa.gov/projects/viaduct/>

SR 524/Yew Way - Railroad Crossing Improvements (Snohomish)

Changes from Prior Report: The advertisement has been further delayed.

Previously reported: WSDOT is now planning to advertise in early fall 2015, which remains at risk due to possible delays with obtaining the easement from the Port of Seattle. This delay will likely delay the construction completion to spring 2016 due to potential paving restrictions on behalf of weather. (For the complete report, please see the [June 2015 Watch List](#) at the Project Delivery Reports website.)

Update to the June 2015 report: The advertisement date remains at risk and has been further delayed to winter 2016 which will delay the construction completion to fall 2016. Initially, the completion of right of way plans was delayed because WSDOT determined that an easement for a portion of SR 524 roadway which crosses the railroad tracks had not been previously granted from the Port of Seattle (railroad owner) to either Snohomish County or WSDOT. The right of way plans were revised and WSDOT is currently seeking to acquire the right of way easement necessary for completing the work from the Port of Seattle.

No Changes from Prior Month

I-82/Valley Mall Blvd Vic to Yakima River Bridge – Paving (Yakima)

Status: No change.

Previously reported: This project, estimated at \$1.4 million, is in the design phase. This project will grind and inlay both lanes of I-82 and part of the shoulders to extend the service life of the pavement. During a field review, the current pavement condition at this location revealed less deterioration than anticipated. As a result, WSDOT has delayed advertisement from March 2016 to fall 2016. Deferring the advertisement has delayed the project's construction season by 1 year from 2016 to 2017, and the operationally complete date by 1 year from fall 2016 to fall 2017.

SR 92/Pilchuck River – CED (Snohomish)

Status: No change.

Previously reported: The advertisement date has been delayed by 5 months from November 2015 to spring 2016 due to delays with attaining the environmental permit, which in turn has delayed the right of way acquisitions. The environmental permitting process and coordination with resource agencies has taken longer than originally anticipated. In addition, resource agencies may require design changes which would require a formal Environmental Species Act consultation and further delay the environmental permit, right of way acquisitions, and subsequently, the spring 2016 advertisement date. (For the complete report, please see the [June 2015 Watch List](#) at the Project Delivery Reports Archive website.)

SR 161/24th St E to Jovita - Add Lanes (Pierce)

Status: No change.

Previously reported: There is a potential cost increase due to a pending claim by the contractor. The project was completed on August 21, 2014. (For the complete report, please see the [September 2014 Watch List](#) at the Project Delivery Reports Archive website.)

SR 302/N of E Victor Rd - Culvert Replacement (Mason)

Status: No change.

Previously reported: WSDOT has delayed the schedule to allow time to obtain environmental permits and a permanent construction easement from a private property owner. The design has changed from constructing a wall to armoring with rock at the culvert's outlet location on the beach. Armoring will prevent wave action from further eroding the slope. The new design extends to private property and requires a permanent easement. The redesign has delayed the schedule from the 2015 construction season to the 2016 construction season. (For the complete Watch List report, please see the [April 2014 Watch List](#) at the Project Delivery Reports Archive website.)

SR 410/White River Bridge 410/101 - Bridge Elements Repair (King, Pierce)

Status: No change.

Previously reported: WSDOT advanced the permanent repair work by 5 months from January 2016 to August 2015. This puts the permanent repair in place sooner because the temporary repair work is not anticipated to last more than 6 or 7 months. This work is scheduled to begin in October 2015 and be completed by the end of November 2015. The estimated total cost has increased by \$400,000 from \$1.5 million to \$1.9 million. The increase is due to: actual construction costs for the temporary repair work, an updated estimate for the permanent repair work prior to advertisement, and higher bid costs at award. The permanent repair work was awarded to ABHE & Svoboda, Inc. on August 31, 2015 for 20.53% above the agency's estimate. (For the complete previously reported Watch List report, please see the [August 2015 Watch List](#) at the Project Delivery Reports Archive website.)

The estimated total cost of the project was incorrectly reported on the August 2015 Watch List as \$1.2 million, which omitted the estimated cost for the temporary repair work of \$350,000. The correct estimated total project cost at that time was \$1.5 million.