

# Highway Construction Program

## Monthly Delivery Progress Report Watch List

**April 2018**

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 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 a Prior Month.** Changes discussed in this section were on a 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.
- **Projects are Removed** when delivery has been delayed out of the Project Delivery Plan horizon, when delivery has been attained, or when a significant issue has been mitigated and/or approved by WSDOT.

For additional information on scope, schedule and budget for all projects, please visit [WSDOT's project pages](#). 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 April 30, 2018, with issues based on a monthly update.

<b>New in April 2018</b>	
<b>Project, County and Project Number</b>	<b>Phase/Issue</b>
SR 524/Locust & Larch Way - Intersection Improvements (Snohomish) 152411B	<b>Construction: cost increase</b>
SR 527/Penny Creek - Fish Passage (Snohomish)152714B	<b>Design: schedule delay</b>
SR 542/I-5 to Britton Road – Paving (Whatcom)154201E	<b>Design: cost increase, schedule delay</b>
SR 542/I-5 to Hannegan Road Vicinity - ADA Compliance (Whatcom)154201F	<b>Design: schedule delay</b>
SR 542/Dewey Rd Vic - Culvert Replacement (Whatcom)154202S	<b>Design: schedule delay</b>
SR 109/Grass Creek Bridge - Special Repair (Grays Harbor) 310927B	<b>Design: schedule delay</b>
I-90/Fishtrap to Latah Creek - Illumination Retrofit (Adams, Lincoln, Spokane) 609047K	<b>Design: schedule delay</b>
SR 261/McElroy Coulee Crossing - Replace Drainage Structure (Adams) 626105H	<b>Design: schedule delay</b>

<b>Changes from a Prior Month</b>	
<b>Project, County and Project Number</b>	<b>Phase/Issue</b>
I-5/SB S Lucile St to Spring St - Pavement Repair (King) 100516F	<b>Construction: cost increase</b>

## No Changes from Prior Month

Project, County and Project Number	Phase/Issue
SR 150/No-See-Um Road - Intersection Improvements and realignment (Chelan) 215000K (CW Revenue Package)	Construction: cost increase

## Removed in April 2018

Project, County and Project Number	Phase/Issue
SR 524/Locust & Larch Way - Intersection Improvements (Snohomish) 152411B	Construction: cost increase
SR 527/Penny Creek - Fish Passage (Snohomish)152714B	Design: schedule delay
SR 542/I-5 to Britton Road – Paving (Whatcom)154201E	Design: cost increase, schedule delay
SR 542/I-5 to Hannegan Road Vicinity - ADA Compliance (Whatcom)154201F	Design: schedule delay
SR 542/Dewey Rd Vic - Culvert Replacement (Whatcom)154202S	Design: schedule delay
SR 109/Grass Creek Bridge - Special Repair (Grays Harbor) 310927B	Design: schedule delay
I-90/Fishtrap to Latah Creek - Illumination Retrofit (Adams, Lincoln, Spokane) 609047K	Design: schedule delay
SR 261/McElroy Coulee Crossing - Replace Drainage Structure (Adams) 626105H	Design: schedule delay
I-5/SB S Lucile St to Spring St - Pavement Repair (King) 100516F	Construction: cost increase

### Project Detail

Below is the detail behind the above summary.

## New in April 2018

### SR 524/Locust & Larch Way - Intersection Improvements (Snohomish) 152411B

**Issue: The total cost estimate has increased by \$725,000. This project is being reported and removed from this list.**

The Locust Way and Larch Way intersections, which are located on SR 524 (Filbert Road) where it passes under I-405, have a collision rate higher than the state average when compared to similar highways. This project will install two single lane roundabouts to allow better access for vehicles to turn left at these intersections and thereby reduce congestion-related collisions.

The estimated project cost has increased by \$725,000, to \$5.1 million at award. The increase is mainly due to increased bid item costs for a modular wetland system, which is a stormwater treatment system; and an underground stormwater detention vault required for the project.

### SR 527/Penny Creek - Fish Passage (Snohomish)152714B

**Issue: The project has been delayed by one construction season. This project is being reported and removed from this list.**

This project will remove the existing fish passage barrier located on SR 527 in Mill Creek and replace it with a fish passable structure.

The advertisement date has been delayed by nine months to fall 2019, which has delayed the construction season by one year to 2020. Additional time is needed to complete the utility relocations design and to evaluate the right-of-way needs for the project.

The new fish passable structure is considerably wider and longer, which will require relocation (temporary and/or permanent) of approximately 100 feet of water line and 700 feet of sewer line. In addition, the sewer relocation extends across a commercial business access point and will impact the parking lot of adjacent businesses.

WSDOT continues to evaluate the right-of-way impacts for the relocation of the sewer.

### SR 542/I-5 to Britton Road – Paving (Whatcom)154201E

**Issue: The project has been delayed by one construction season and the project cost estimate has increased by \$587,000. This project is being reported and removed from this list.**

This project will re-pave three miles of SR 542 in both directions between I-5 and Britton Road in Bellingham to extend the life of the pavement. The pavement has deteriorated due to normal wear and tear.

The single contractor bid received on this project was too far above the engineer's estimate to be accepted. WSDOT rejected the bid but plans to re-advertise in December 2018, delaying the construction season by one year to 2019.

The project cost estimate was updated by \$587,000, to \$4.1 million, after input from the contracting community. The increase was primarily attributed to increased unit bid prices for mobilization, pavement repair excavation, removal of structures and obstructions, and Hot Mix Asphalt. In addition, this project has restrictive work zone traffic control, which schedules a safe area for workers within the roadway, and facilitates the safe and orderly flow of traffic through the construction area. This factor contributed to an increase in unit bid prices for temporary traffic control, and traffic control labor.

SR 542/I-5 to Hannegan Road Vicinity - ADA Compliance (Whatcom)154201F

**Issue: The project has been delayed by one construction season. This project is being reported and removed from this list.**

This project will evaluate and improve pedestrian safety by upgrading sidewalk ramps along SR 542 to Americans with Disabilities Act (ADA) standards in both directions between I-5 and Britton Road in Bellingham. This work will improve access for pedestrians of all abilities.

The single contractor bid received on this project was too far above the engineer's estimate to be accepted. WSDOT rejected the bid but plans to re-advertise in December 2018, which will delay the construction season by one year to 2019.

SR 542/Dewey Rd Vic - Culvert Replacement (Whatcom)154202S

**Issue: The project has been delayed by one construction season. This project is being reported and removed from this list.**

This project will replace the existing culvert near Dewey Road along SR 542 in Bellingham that is experiencing blocked water flow. Replacement will improve drainage in this area.

The single contractor bid received on this project was too far above the engineer's estimate to be accepted. WSDOT rejected the bid but plans to re-advertise in December 2018, which will delay the construction season by one year to 2019.

SR 109/Grass Creek Bridge - Special Repair - 310927B

**Issue: The project has been delayed by one construction season. This project is being reported and removed from this list.**

The timber piles are deteriorating on this SR 109 bridge built in 1956, which is located west of Hoquiam. This project will rehabilitate the timber piles and will restore structural integrity, reduce maintenance costs, and extend the service life of the bridge.

The project has been delayed one construction season from January 2018 to October 2018 due to the extra time needed for environmental permits to be approved.

I-90/Fishtrap to Latah Creek - Illumination Retrofit (Adams, Lincoln, Spokane) 609047K

**Issue: The project has been delayed by three construction seasons. This project is being reported and removed from this list.**

This project removes continuous lighting for 58 miles on I-90, US 2 to Latah Creek, west of Spokane. The work will also retrofit and update illumination at interchanges from Fishtrap to the US 195 interchange.

This project has been delayed three years to 2022 due to overall program adjustments to keep WSDOT's Pavement Preservation Program within budget.

SR 261/McElroy Coulee Crossing - Replace Drainage Structure (Adams) 626105H

**Issue: The project has been delayed by one construction season. This project is being reported and removed from this list.**

This project will reduce the risk of roadway closures by replacing a failed drainage feature on SR 261, south of Ritzville. The structurally deficient 108-year-old structure will be replaced with low profile pipe arches or three-sided box culverts.

Advertisement has been delayed one year to January 2020 due to overall program adjustments to keep WSDOT's Pavement Preservation Program within budget.

## Changes from a Prior Month

I-5/SB S Lucile St to Spring St - Pavement Repair (King) 100516F

**Changes from a Prior Month: The cost estimate has further increased by \$2.6 million. This project was previously reported and is being removed from this list.**

Previously reported: The cost estimate increased by \$929,000, to \$7.8 million, which is mainly due to adjusting for current bid item costs prior to advertisement.

Update to the February 2018 report: The project cost estimate has increased by \$2.6 million, to \$10.5 million at award, which is mainly due to increased bid item costs for mobilization, cement concrete grinding, asphalt excavation, milling, and removal, Hot Mix Asphalt, temporary traffic control, and traffic control labor. This project is located in a very high volume traffic area. It is in a multiple lane section of I-5 in downtown Seattle with limited hours of work, which is likely a consideration for the contractor's bid.

This project is part of a larger legislative project (Concrete Rehabilitation Program, 800515C) funded out of the Nickel Revenue Package. The larger project remains on budget.

## **No Changes from Prior Month**

SR 150/No-See-Um Road - Intersection Improvements and realignment (Chelan) 215000K (CW Revenue Package)
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**Status: No Change**

Previously reported: The current cost estimate increased by \$1.2 million, to \$7.7 million. Initially, the project was increased by \$878,000 to install water and sewer infrastructure and miscellaneous items associated with the pedestrian facilities on a roundabout for the City of Chelan. The project also increased by an additional \$280,000 due to high bids. The additional funding was provided by the City of Chelan.

Update to March 2017 report: Currently, there are two budget risks (right of way and construction) that are being managed by WSDOT on this project. This project has one outstanding right of way acquisition that is currently in condemnation with the Attorney General's Office. In addition, there are contractor claims that are in negotiations.