

Puget Sound Area Concrete Strike – Impacts to WSDOT Projects

Thursday April 14, 2022 Update

The information presented is approximate and based on data collected since December 3, 2022

WSDOT Summary of Impacts (all projects)

Missed Concrete Pours	206
Total Missed Concrete Truck Loads	2,932
Estimated CY of concrete delayed	29,315
Total Days of Delay	536+
Estimated Workers Laid Off	148+
Anticipated Future Workers Laid Off	Unknown
Delayed Hires	45 (approx.)
Planned Pours Next Two Weeks (CY)	Concrete drivers have agreed to return to work, but production will take time to resume. Some project delays are expected to persist until concrete suppliers reach full production and catch up with customer demands. WSDOT will continue to monitor contract progress during this transition period.

Project Specific Impact Summary

SR 520

Montlake

Missed Concrete Pours	70+ pours / 13,860 CY
Workers Laid Off	58+
Estimated potential contract delay	107 days
Planned Pours next 2 weeks	We have additional pours in the next two weeks, but the situation is dynamic with Graham/American Bridge assessing timing for future concrete pours on the WABS and Montlake Lid structures.

Other project notes:

- During the period of April 11th – 18th, Graham has been able to place 206 CY of class 4000 concrete and 97 CY of CDF for Pier 4 construction and Wall 13 soldier pile installation. These concrete deliveries are from Cadman.
- Graham placed 97 CY of concrete for the Montlake lid footing, Pier 1 East. This concrete was from Cal-Portland, utilizing Cal-Portland trucks.
- American Bridge placed 324 CY on the WABS structure for the diaphragms on Piers 7 to 10 and 92 CY for two annulus pours around Piers 31 and 32. This concrete was from Cal-Portland utilizing Graham concrete trucks and drivers.
- Graham will miss portions of three substantial pours scheduled to begin this week, a large bridge deck pour for Span 2 (1745 CY) and two mainline PCCP roadway pours (2560 CY).
- Likely delay to “Lid” construction and removal of temp trestle within upcoming fish window and moves some planned weekend closures into restricted dates. This would add additional delays.
- Additional formwork will need to be purchased to continue forming as current forms cannot be moved forward to other cycles
- Several diaphragm pours have been completed in March and April which will allow additional deck rebar placement to continue.
- Graham has indicated that their concrete suppliers will not be up to full production and backlog

cleared for three to four months as the suppliers have to get back some of their leased equipment and replace or retrain the workers that are coming back. It was reported that up to 50 drivers retired or will not be coming back.

SR 520/I-5 Interchange

Missed Concrete Pours	50+ pours / 5650 CY
Workers Laid Off	50+
Estimated potential contract delay	105-110 days
Planned Pours next 2 weeks	None. All cancelled.

Other project notes:

- All work was stopped on Friday February 11 until further notice.
- Cal Portland is the current concrete supplier for this project. Walsh has contacted Cadman to explore possible delivery of concrete to the project.
- Walsh is currently reviewing their schedule to determine when they can bring resources and staff back to the project to restart construction.

AWV/SR 99

South Access 2

Missed Concrete Pours	45+ pours / 4500 CY
Workers Laid Off	20
Estimated potential contract delay	83 days
Planned Pours next 2 weeks	800 CY

Other project notes:

- Drilled shaft concrete construction for the garage is tracking to be completed on April 14th. Malcolm is using their own drivers with trucks rented from Stoneway to procure concrete from Cadman.
- Concrete to be placed on Charles Street, was initially scheduled for April 13th, but has been delayed until April 25th. Concrete will be provided by Cadman.
- Delays in hiring of 10 – 15 construction employees for planned work
- Significant Stadium event sequencing impacts

I 405

Renton to Bellevue

Missed Concrete Pours	15 pours / 265 CY
Workers Laid Off	Carpenters being brought back
Estimated potential contract delay	Up to 56 days if concrete is back to normal by April 22
Planned Pours next 2 weeks	none
Two pours in the last week	3 of the 15 missed pours of approximately 15 CY completed in the last week

Other project notes:

- 10 of the 15 missed pours have been completed
- Critical path delay beginning February 8.
- 2 Construction Easement extensions due to delay
- Date for critical bridge demolition can now be set

- FLJV has been able to get concrete delivered using leased trucks.

NW Region

I-5 NB Seneca to 520

Missed Concrete Pours	1200 CY
Workers Laid Off	0
Estimated potential contract delay	64 days
Planned Pours next 2 weeks	100 CY

Other project notes:

- Critical path delay began 2/8/22
- The Contractor poured a 20 CY critical section of traffic barrier 3/7/22 using non-union labor
- The Contractor poured 85 CY on 4/11, 4/12

SR 520 – 148th Ave Overlake Interchange

Missed Concrete Pours	3170 CY
Workers Laid Off	0
Estimated potential contract delay	79 days
Planned Pours next 2 weeks	1250 CY

Other project notes:

- Concrete delivery for soldier pile shaft construction only continuing (pours are CDF and not structural concrete)
- Delayed hiring of 30 unfilled construction worker positions
- The contractor anticipates getting structural concrete the week of April 25th

WSF

Colman Dock

Missed Concrete Pours	10/670 CY
Workers Laid Off	10
Estimated potential contract delay	37 days
Planned Pours next 2 weeks	9

Other project notes:

- Continue to receive concrete from Cadman for the Entry Building & two other structures.
- Contractor has scheduled 2 building structure pours a week with Cadman for the foreseeable future.
- Contractor has scheduled 5 trestle deck pours with Stoneway Concrete over the next two weeks
- All concrete work on the project now advancing
- Other trade contractors returning to the project as concrete work proceeds.