

Puget Sound Area Concrete Strike – Impacts to WSDOT Projects

Thursday April 21, 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	213
Total Missed Concrete Truck Loads	3,024
Estimated CY of concrete delayed	30,240
Total Days of Delay	558+
Estimated Workers Laid Off	138+
Anticipated Future Workers Laid Off	Unknown
Delayed Hires	45 (approx.)
Planned Pours Next Two Weeks (CY)	Some concrete deliveries have resumed, but some suppliers are not guaranteeing delivery schedules for more than a few days. Some project delays are continuing as 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	72+ pours / 13,985 CY
Workers Laid Off	58+
Estimated potential contract delay	114 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 18 – 24th, 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 303 CY on the WABS structure for the diaphragms on Piers 11 to 16 and 82 CY for two infill and collar pours, utilizing Cal-Portland trucks This concrete was from Cal-Portland.
- 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 restore their leased equipment to service 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.
- Graham and American Bridge are in the process of bringing laid off workers back on to full staffing levels

SR 520/I-5 Interchange

Missed Concrete Pours	50+ pours / 5650 CY
Workers Laid Off	50+
Estimated potential contract delay	110-115 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.
- Walsh is holding off scheduling their drilled shaft operations until they have more certainty on concrete delivery. Currently, most of the concrete producers are only able to guarantee/confirm deliveries 1-2 days in advance of the actual delivery.

AWV/SR 99

South Access 2

Missed Concrete Pours	45+ pours / 4700 CY
Workers Laid Off	20
Estimated potential contract delay	83 days
Planned Pours next 2 weeks	500 CY

Other project notes:

- Drilled shafts completed on April 14th for the parking garage.
- Concrete placed on Charles Street to begin April 25th. This will be critical to work for the Railroad Way Closure, beginning April 19th. Concrete will be provided by Cadman.
- Concrete for Wall SW 36 will begin April 22nd and concrete delivery will continue once a week for the next three weeks.
- 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	All Carpenters have been recalled
Estimated potential contract delay	Up to 56 days if concrete is back to normal by April 22
Planned Pours through May 6	18 pours / 245 CY

Other project notes:

- All the missed pours are scheduled to be completed by May 6
- 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 due to the small pours

NW Region

I-5 NB Seneca to 520

Missed Concrete Pours	1350 CY
Workers Laid Off	0
Estimated potential contract delay	69 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
- Contractor reported concrete availability is continuing to cause delays as drivers are not available and pours scheduled this week have been canceled by supplier.
- The Contractor is looking into hiring small load supplier but the company has not performed State work.

SR 520 – 148th Ave Overlake Interchange

Missed Concrete Pours	3800 CY
Workers Laid Off	0
Estimated potential contract delay	84 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
- Suppliers are still sorting out their resources and priorities and the Contractor has been told delivery won't be before the end of the month.

WSF

Colman Dock

Missed Concrete Pours	11/490 CY
Workers Laid Off	10
Estimated potential contract delay	37 days
Planned Pours next 2 weeks	8

Other project notes:

- Continue to receive concrete from Cadman for the Entry Building & two other structures.
- Contractor poured 140 CY for the first half of Elevated Pedestrian Connector structural slab this week.
- Contractor has scheduled 2 building structure pours a week with Cadman for the foreseeable future.
- Contractor has scheduled 3 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.