

From: "Levitt, Karen" <karen.levitt@vancouver.ca>

To: ["Direct to Mayor and Council"](#)

Date: 3/25/2025 9:56:49 AM

Subject: Memo - Granville Bridge South Approach Rehabilitation Project: Phase 1

Attachments: Memo - Granville Bridge South Approach Rehabilitation Project Phase 1.pdf

Dear Mayor and Council,

Please see the attached memo from Lon LaClaire. A short summary of the memo is as follows:

- The Granville Street Bridge, is in need of high priority structural rehabilitation work on all 4 ramps of the south approach. Work will include joint rehabilitation, bearing replacement, and concrete repairs.
- Pre-work will begin in late March. Bearing replacement work is expected in late April. Impacts on the bridge deck are expected in May. There will be traffic impacts affecting Granville Island, local businesses, and commuters.
- A comms plan is in place. The Project team have begun and will continue to notify affected parties and provide regular updates during construction to key stakeholders.
- The FIFA 2026 schedule is also a major consideration for this Project. The construction contract does stipulate completion 2 months prior to the start of FIFA. The Project team will closely monitor schedule and progress to mitigate this risk.

If you have any questions, please feel free to contact Lon LaClaire at 604-873-7336 or lon.laclaire@vancouver.ca.

Thanks,

Karen

The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the x m k y m/Musqueam, S wx\u817_wú7mesh/Squamish and s lilw ta /Tsleil-Waututh nations

MEMORANDUM

March 25, 2025

TO: Mayor and Council

CC: Paul Mochrie, City Manager
Armin Amrolia, Deputy City Manager
Karen Levitt, Deputy City Manager
Sandra Singh, Deputy City Manager
Katrina Leckovic, City Clerk
Maria Pontikis, Chief Communications Officer, CEC
Teresa Jong, Administration Services Manager, City Manager's Office
Mellisa Morphy, Director of Policy, Mayor's Office
Trevor Ford, Chief of Staff, Mayor's Office

FROM: Lon LaClaire
General Manager, Engineering Services

SUBJECT: Granville Bridge South Approach Rehabilitation Project: Phase 1

RTS #: N/A

In March 2025, work will begin on the Granville Bridge South Approach Rehabilitation Project. This project will involve structural rehabilitation work on the southside of the Granville Bridge, including concrete repairs, joint rehabilitation and bearing replacements.

Work will take place on all four ramps on the south end of the bridge (the South Main Approach, W. 4th Avenue Ramp, Fir Street Ramp, and Hemlock Street Ramp). See Figure 1 in Appendix A for project area map. This project is part of the City's ongoing maintenance and rehabilitation work to ensure this City-owned infrastructure continues to provide a safe and reliable route for all users. This work will be delivered by external contractor Graham Infrastructure LP.

Background

Built in 1954, the Granville Bridge is an eight-lane structure (with two lanes allocated to walking and cycling through the Granville Connector project) that connects Granville Street between Downtown Vancouver and the Fairview neighbourhood. It spans False Creek and Granville Island. The last structural rehabilitation work on this section of the bridge was completed in 2020, addressing defects in the joints and sidewalks of the South Main Approach and Fir Street Ramp. Following visual condition inspections by a structural consultant, several key deficiencies were noted, including leaky deck expansion joints, deteriorated bearings, and localized concrete

delamination, spalling and cracking. Based on these findings, the project was designed to prioritize primary rehabilitation needs, ensure public safety, extend service life and maximize construction efficiency.

Construction schedule and impacts

The project will take approximately 14 months, from March 2025 until April 2026. With FIFA World Cup games scheduled for mid-June 2026, the construction schedule will be closely monitored to ensure that construction impacts do not affect the event. Completion dates are included in the construction contract and will be enforced.

Work will generally take place Monday to Friday from 7 am – 5 pm, with some night work and weekend work as needed. Noise and dust are expected during construction due to the nature of the work, however, mitigation measures will be in place to minimize disruption.

Traffic impacts, including speed limit reductions and pedestrian and cycling detours can be expected. Traffic will be managed by the contractor during construction (in coordination with CMBC) based on a City approved Traffic Management Plan. See Table 1 in Appendix B for additional details related to traffic impacts and schedule.

The project team has coordinated the major closures on the bridge deck with the Granville Connector project and the nearby Cambie Street Bridge Expansion Joint Repairs Project. The Granville Connector is expected to be open for public use by the end of June 2025, with the majority of the scope on the south side to be complete by the end of April. Coordination between the two projects is underway to ensure the safe passage of the travelling public through the two adjacent work zones. Furthermore, southbound bridge impacts on this project will only begin once southbound traffic impacts on the Cambie Street Bridge are complete. The same approach has been applied for the northbound direction.

Some businesses located below the ramps on City property may be impacted by the project. Vehicles and other obstacles around the piers will have to be temporarily relocated to facilitate access to concrete repairs. City staff will liaise with these businesses and work with the contractor to mitigate impacts when possible.

Granville Island and CMHC

The project team have engaged with the operators of Granville Island, Canadian Housing and Mortgage Corporation (CMHC), early on during the project planning phase. They have been informed of, at a high level, the scope, schedule, and impacts of the project. Though construction work is generally taking place outside of the Granville Island footprint, some construction zones on Anderson Street will impact traffic coming in and out of Granville Island. Since higher volumes of vehicles and pedestrians are anticipated at Granville Island in the upcoming spring and summer seasons, City staff are working on traffic mitigation measures and tailored communications to effectively address this stakeholder's needs.

Public communication

Consistent with the City's protocol for major construction projects, local residents and businesses will be notified of this work via a notification letter. The project also has an assigned Community Liaison Officer to support inquiries from residents and businesses. This is supported by a comprehensive communications plan, which includes on-site signage, sharing traffic advisory information with the media and public, and updates through the project webpage.

If you have any questions or would like more information on this project, please contact me directly.

A handwritten signature in blue ink, appearing to read 'Lon LaClaire'.

Lon LaClaire, M.Eng., P.Eng.
General Manager, Engineering Services

604.873.7336 | lon.laclaire@vancouver.ca

Appendix A: Project Locations and Extents

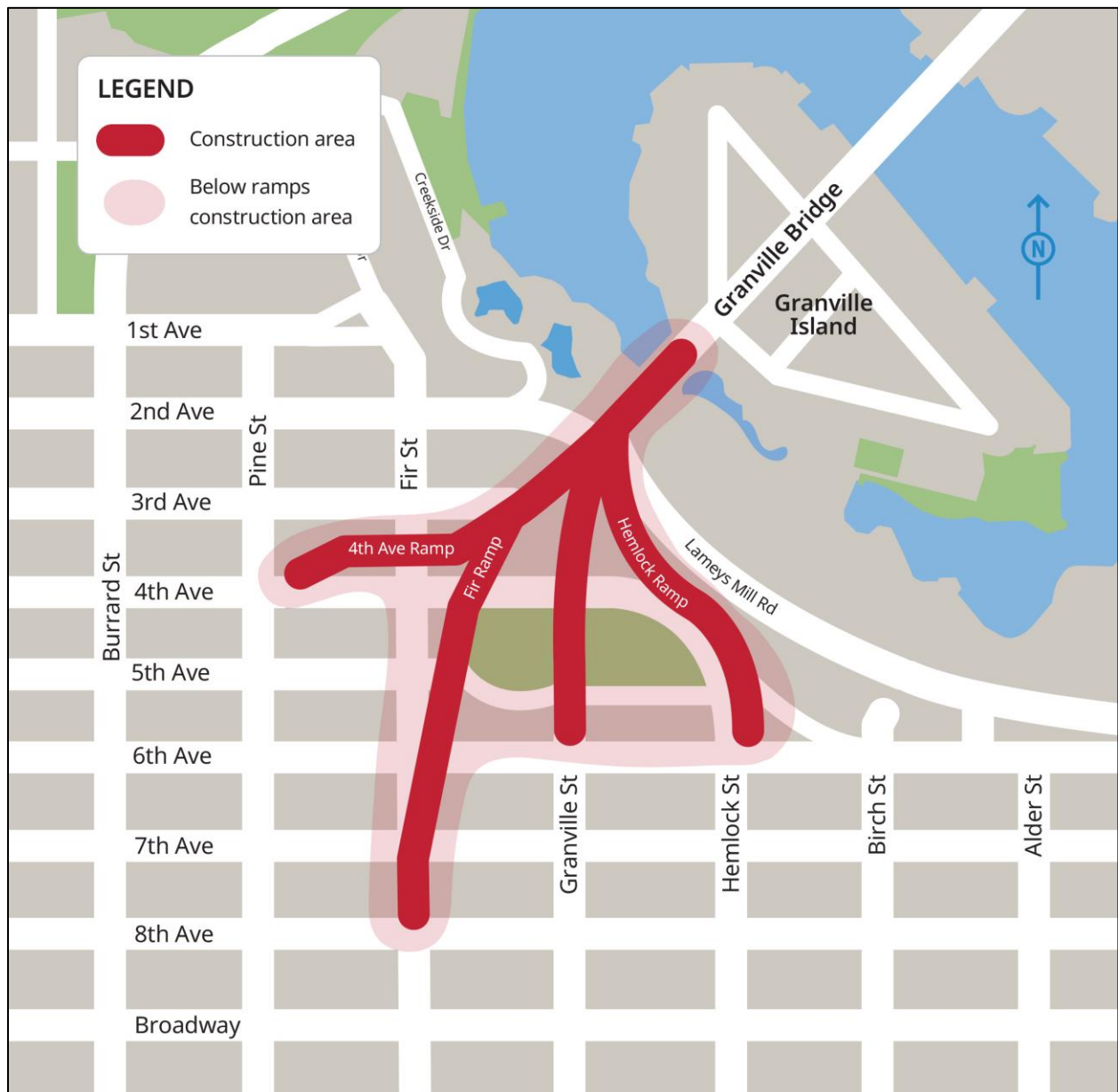


Figure 1 - Project Extents

Appendix B: Traffic Impacts and Schedule

Date	Work and traffic impacts
Starting late March 2025 (for approx. two weeks)	Preliminary survey work on bridge ramps Minor traffic impacts anticipated (e.g. rolling lane closures for short periods)
Late April 2025 – May 2026	Construction on bridge ramps – including work on and below the ramps Traffic impacts: <ul style="list-style-type: none">• Bridge ramp closures (staggered)• Lane closures on the main approach ramp• Pedestrian detours• Minor localized traffic impacts underneath all four ramps

Table 2 – Summary of Expected Traffic Impacts and Schedule