

**From:** "Mochrie, Paul" <Paul.Mochrie@vancouver.ca>  
**To:** "Direct to Mayor and Council - DL"  
**Date:** 7/14/2023 3:14:11 PM  
**Subject:** Memo - Granville Bridge Construction - Night Work  
**Attachments:** ENG - Memo - Granville Bridge Construction – Night Work.pdf

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Dear Mayor and Council,

Please see the attached Council memo from Acting GM Taryn Scollard regarding **Granville Bridge Construction – Night Work**. A short summary of the memo is as follows:

- The City's contractors will be completing night work this summer on the Granville Street Bridge above Granville Island.
  - **Granville Connector** - up to 10 days in late July/Early August on weekdays from 11pm to 6am (dates TBD).
  - **Granville Bridge Upgrades, Steel Repairs and Recoating** - 6 days a week in July and August, Monday to Saturday from 11pm to 9am.
- Staff have been working in partnership with CMHC to identify and explore strategies for mitigating construction impacts to Granville Island's businesses and visitors, particularly during the busy spring/summer and special event seasons including night work and expedited construction schedule.
- Noise from this work may be disruptive and impactful to residents in the area, especially during summer months when residents are more likely to have their windows open.
- We continue working to balance the critical nature of this work as well as the needs of residents and businesses and are monitoring feedback as work progresses.

If you have any questions, please feel free to contact Taryn Scollard at 604-873-7789 or [taryn.scollard@vancouver.ca](mailto:taryn.scollard@vancouver.ca).

Best,  
Paul

**Paul Mochrie** (he/him)  
City Manager  
City of Vancouver  
[paul.mochrie@vancouver.ca](mailto:paul.mochrie@vancouver.ca)



The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the xʷməθkʷəy̓əm (Musqueam), Snw̓x̓w̓ú7mesh (Squamish), and səliwətał (Tsleil-Waututh) Nations.

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## MEMORANDUM

July 14, 2023

TO: Mayor and Council

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

FROM: Taryn Scollard  
Deputy General Manager – Safety & Operations, Engineering Services

SUBJECT: Granville Bridge Construction – Night Work

RTS #: N/A

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The purpose of this memo is to provide Council with an update on overnight construction work this summer related to the current Granville Street Bridge construction projects - Granville Connector, Phase 1 and Granville Bridge Upgrades, Steel Repairs and Recoating Phase 1.

Please see appendix for more information about Granville Street Bridge maintenance and the projects noted above.

### **Engagement with CMHC and Granville Island Businesses**

Since the early stages of project planning, staff have been working in partnership with CMHC to identify and explore strategies for mitigating construction impacts to Granville Island's businesses and visitors, particularly during the busy spring/summer and special event seasons.

Staff continue to regularly communicate with CMHC on project status and impact to the businesses.

CMHC has previously stated that impact on Granville Island businesses and visitors would be minimized if the projects' schedule can be expedited and if some of the noisy work can be completed at night.

## **Night work - Granville Connector**

The City's contractor will be completing night work for up to 10 weekdays in late July/early August 2023 (final dates to be confirmed) to remove the remaining portion of the concrete centre median on Granville Street Bridge located directly over Granville Island. Work will take place from approximately 11:00pm to 6:00am to accommodate special events taking place on Granville Island during the day. Noise from jack hammers and truck movement is expected due to the nature of the work.

## **Night work - Granville Street Bridge Steel Repairs and Recoating**

Intermittent night work has been underway since early April 2023, with minimal feedback from the public.

The Contractor has now shifted to work in Section 3 (see Appendix Figure 1). Overnight grinding and sandblasting work will be taking place 6 days a week in July and August 2023, Monday to Saturday from 11pm to 9am. Those living South of Pacific Ave on the North side of False Creek between Hornby Street and Richards Street, and those living in the area South of Granville Island on Lameys Mill Road are most likely to be impacted by this work.

A [noise by-law exception permit](#) allows this construction project to proceed outside of normal working hours. Information about overnight work has been posted to the project website and targeted notification letters have been distributed to residents and businesses.

Night work is required on this project for the following reasons:

- The decibel levels recorded while performing grinding and sandblasting work are very high in the immediate work area and on Granville Island directly below the work area. In order to safely perform this work during regular business hours, all employees and visitors directly below Section 3 would require PPE (hearing protection) or portions of Granville Island would require full shut down. Night work was therefore chosen for this type of noisy work to mitigate impacts to Granville Island businesses and visitors.
- Due to the complexities of the work, this project has experienced some schedule delays. Continuous night work will help expedite the work as much as possible and further mitigate impacts to Granville Island.

The contractor is taking all reasonable steps to mitigate noise; however, due to the location of work and its complex nature, noise from the construction activities and equipment is expected.

Staff understand that while night work is required, the noise from this work may be disruptive and impactful to residents in the area, especially during summer months when residents are more likely to have their windows open.

We continue working to balance the critical nature of this work as well as the needs of residents and businesses. We are monitoring feedback and have received minimal complaints regarding night work to date. However, with an increase in the frequency and volume of the work, we continue to monitor feedback and will adapt our strategy as needed.

If you have any questions, please contact me directly.

A handwritten signature in black ink, appearing to read "Taryn Scollard". The signature is fluid and cursive, with the first name "Taryn" being more prominent than the last name "Scollard".

Taryn Scollard, MBA, P.Eng.  
Deputy General Manager Safety & Operations, Engineering Services  
604.873.7789 | [taryn.scollard@vancouver.ca](mailto:taryn.scollard@vancouver.ca)

## **Appendix 1:**

### **Background**

Granville Street Bridge was built in 1954 and is an eight-lane bridge that spans over False Creek in the middle, Granville Island at the south end, and portions of the Granville slopes at the north end. The main span of the bridge consists of steel truss and concrete piers, while the bridge's approaches are constructed from reinforced concrete. As some of the structural elements of the aging bridge are starting to reach end of their useful life, the structural repair needs of the bridge have increased. In addition to the regular concrete rehabilitation work on the bridge and to ensure public safety, a Granville Street Bridge Steel Repair and Recoating Program has been developed.

### **Project Summary - Granville Connector Phase 1**

Since February 2023, the City's contractor Pomerleau has been delivering the first phase of the Granville Connector, which includes the installation of new pedestrian and cyclist connections across the Granville Street Bridge and removal and replacement of the north Granville Street loops to create a standard street grid layout.

Work is expected to be underway until fall 2024 and is progressing well.

### **Project Summary - Granville Bridge Upgrades Steel Repairs and Recoating Phase 1**

Since October 2022, the City's contractor Jamac has been delivering critical structural repairs to the Granville Street Bridge, including localized structural steel repairs and renewal of the coating system that protects the steel truss. This work is critical to maintaining the overall structural integrity of the bridge and ensures public safety.

Granville Street Bridge Steel Repairs and Recoating is a multi-phase program. The first phase of work currently underway includes repairs and recoating of three (3) sections of the bridge

located directly above Granville Island (see Figure 1). Work is expected to be underway until fall 2023.

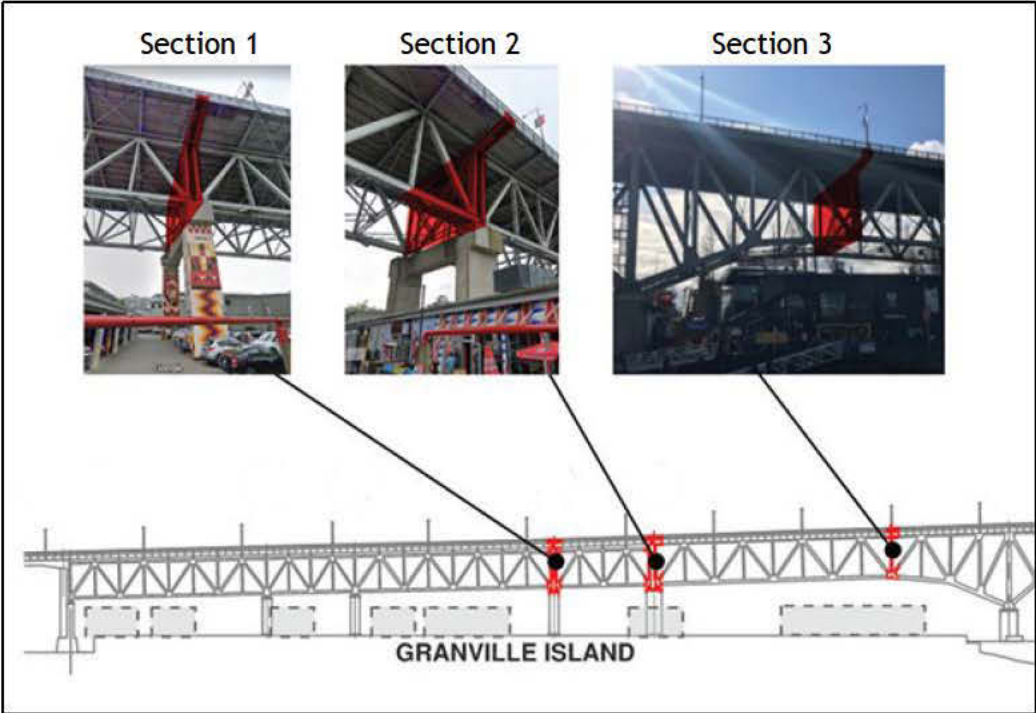


Figure 1 – approximate extent of work for Phase 1 of Granville St Bridge Steel Repairs & Recoating