

**From:** "Johnston, Sadhu" <Sadhu.Johnston@vancouver.ca>

**To:** "Direct to Mayor and Council - DL"

**CC:** "City Manager's Correspondence Group - DL"

"LaClaire, Lon" <lon.laclaire@vancouver.ca>

**Date:** 7/13/2020 4:31:59 PM

**Subject:** Memo - Granville Bridge Structural and Seismic Upgrades Project – Debris Netting Installation

**Attachments:** ENG - Memo to Mayor & Council - Granville Bridge Structural and Seismic ...pdf

Dear Mayor and Council,

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

- Installation of debris netting on south end of Granville bridge started on July 7<sup>th</sup>, 2020. This work is expected to continue until March 2021 in the areas directly above Granville Island.
- Installation of debris netting was recommended as a safety precaution to mitigate further incidents of falling debris from the bridge and was approved by Council on February 12, 2020.
- Construction impacts - Staff are working closely with Granville Island, managed and operated by, Canada Mortgage and Housing Corporation (CMHC) on Traffic Management Plans, which include safe pedestrian routes through and around the work sites ensuring access is maintained for all ages and abilities. Parking on Granville Island will be maintained. A few parking stalls will be impacted while the contractor is hoisting the netting. Special events on Granville Island will be accommodated by removing or reducing the foot print of construction zones.

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

Best,  
Sadhu

**Sadhu Aufochs Johnston** | City Manager  
Office of the City Manager | City of Vancouver  
604.873.7627 | [sadhu.johnston@vancouver.ca](mailto:sadhu.johnston@vancouver.ca)

Pronouns: he, him, his



*The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the Musqueam, Squamish, and Tsleil-Waututh peoples.*

## MEMORANDUM

July 10, 2020

TO: Mayor and Council

CC: Sadhu Johnston, City Manager  
Paul Mochrie, Deputy City Manager  
Karen Levitt, Deputy City Manager  
Lynda Graves, Administration Services Manager, City Manager's Office  
Rena Kendall-Craden, Civic Engagement and Communications Director  
Rosemary Hagiwara, Acting City Clerk  
Anita Zaenker, Chief of Staff, Mayor's Office  
Neil Monckton, Chief of Staff, Mayor's Office  
Alvin Singh, Communications Director, Mayor's Office

FROM: Lon LaClaire  
General Manager, Engineering Services

SUBJECT: Granville Bridge Structural and Seismic Upgrades Project – Debris Netting Installation Notice

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This memo provides an update to Mayor and Council on the installation of debris netting on the south end of the Granville Bridge over Granville Island. Installation of the debris netting began July 7, 2020 as part of the ongoing structural and seismic upgrades work being delivered by Graham Inc. This work is expected to continue until March 2021 in the areas directly above Granville Island.

Following an inspection, the installation of debris netting was recommended as a safety precaution to mitigate further incidents of falling debris from the bridge and was approved by Council on February 12, 2020.

Structural repair and seismic upgrade work is separate from the "Granville Bridge Connector" project which will be presented to Council in September 2020.

### Background

Granville Bridge was originally constructed in 1954 and is comprised of a concrete deck supported by steel truss elements that span between concrete piers. It is regularly inspected as part of the City's Major Bridge Maintenance Program which drives recommendations for capital upgrades and routine repairs which is carried out by City crews or contractors.

### Debris Netting Information

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The two-tiered debris netting system includes upper and lower netting made from a durable polypropylene fabric and features a stainless steel overlay on the lower section. The proposed area of installation is shown in Figure 1 below.

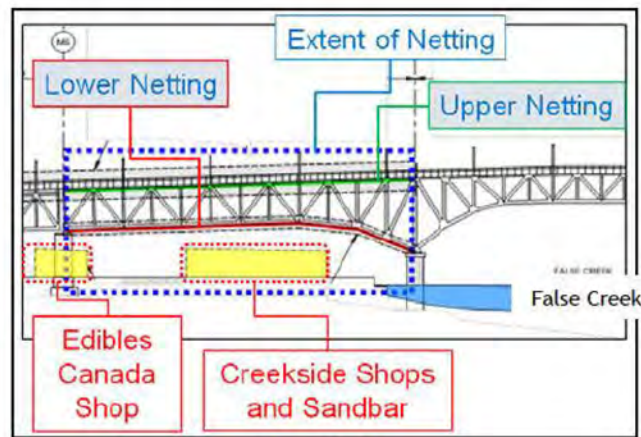


Figure - 1

### Construction Impacts

The debris netting will be installed from and above Granville Island. Temporary construction zones around the installation area will remain in place for the duration of work ensuring public and crew safety.

Staff is working closely with Granville Island, managed and operated by Canada Mortgage and Housing Corporation (CMHC) on Traffic Management Plans, which include safe pedestrian routes through and around the work sites ensuring access is maintained for all ages and abilities.

Information about upcoming work is shared regularly with businesses and Granville Island tenants through CMHC. Special events on Granville Island will be accommodated by removing or reducing the foot print of construction zones.

Parking on Granville Island will be maintained. A few parking stalls will be impacted while the contractor is hoisting the netting.

Project signage and electronic message boards are installed on either side of the bridge informing the public of the upcoming repair schedule and impacts.

If you have any questions or would like more information about this project or the debris netting installation, please contact me directly.

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

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