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**To:** "Direct to Mayor and Council - DL"  
**CC:** "City Manager's Correspondence Group - DL"  
"Nelms, Cheryl" <Cheryl.Nelms@vancouver.ca>  
**Date:** 12/1/2019 10:35:34 AM  
**Subject:** Memo: Georgia Street Water Main Replacement  
**Attachments:** Memo - Georgia Street Water Main Replacement.pdf

Greetings Mayor and Council,

Please see the attached memo from Cheryl Nelms. A short summary of the memo is as follows:

- Construction to upgrade an aging water main along a section of W Georgia St from Howe St to Thurlow Street will begin on January 6<sup>th</sup>, 2020 and be completed prior to April 17<sup>th</sup>, 2020.
- Sewer crews will take advantage of the lane closures during the water project to replace a failing sewer connection to the Vancouver Art Gallery.
- At minimum two westbound travel lanes and one eastbound travel lane will be maintained on W Georgia Street.
- Construction will be coordinated with other projects in the area including the Cadillac Fairview's Pacific Centre membrane replacement.
- Residents and businesses located near this work will be receiving mail notifications within the week and project signage will be installed along the corridor. A project webpage with an overview of this work will be available early next week and will include a project email and phone number.

If you have any questions, please feel free to contact Cheryl Nelms at 604-873-7348 or [cheryl.nelms@vancouver.ca](mailto:cheryl.nelms@vancouver.ca).

Best,  
Sadhu

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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.*



## Background

Installed between 1906 and 1909, the section of water main between Thurlow and Howe Street is in critical condition, recently failing in September 2019 when a break in the main caused a geyser of water in the 800 block of Georgia (Figure 2). A waterworks crew conducted a visual inspection of the pipe and confirmed that the main has reached the end of its service life and is in need of immediate replacement.



Figure 1 — Photo of water Main break in September 2019 (Photo courtesy CTV)

## Construction

In response to the asset condition, Engineering will be replacing the main between Thurlow Street and Howe Street. To minimize traffic impacts, the replacement project will be coordinated with other key projects in the area, including Cadillac Fairview's Pacific Centre membrane replacement, which is commencing construction on Howe Street in February 2020 and moving to Georgia Street between Howe and Granville in May 2020. During the water main construction, a minimum of three traffic lanes will be maintained in areas where construction is occurring; two lanes westbound, one lane eastbound. Throughout construction, traffic lanes will be opened to the travelling public as soon as it is feasible to do so.

Sewer crews will take advantage of road closures in place during the water project to replace a failing sewer connection to the Vancouver Art Gallery.

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

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Acting General Manager, Engineering Services

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