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To: ["Direct to Mayor and Council - DL"](#)
CC: ["City Manager's Correspondence Group - DL"](#)
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Date: 2/8/2021 12:32:12 PM
Subject: Memo - Anderson Street Utility Upgrade - Construction Starting in February
Attachments: Memo - Anderson Street Utility Upgrade.pdf

Dear Mayor and Council,

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

- During the summer of 2017, a portion of the road surface along Anderson Street near the entrance to Granville Island collapsed and a sanitary force main failed
- At that time, a temporary repair of the sanitary force main and the roadway were completed
- The failed pipe was assessed and found to be generally in good condition, however, the fractures were attributed to settlement and stresses to the pipe due to poor ground conditions.
- To remedy this issue, permanent upgrades are implemented and consist of replacing the aging sanitary force main and water main on Anderson Street and West 2nd Avenue and improving the pipe bedding and road base structure for improved performance and longevity of the infrastructure.

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

Best,
Paul

Paul Mochrie (he/him)
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The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the xʷməŋəm (Musqueam), lóóvú 7mesh (Squamish), and səliłwətał (Tsleil-Waututh) Nations.

MEMORANDUM

February 5, 2021

TO: Mayor and Council

CC: Paul Mochrie, Acting City Manager
Karen Levitt, Deputy City Manager
Lynda Graves, Administration Services Manager, City Manager's Office
Maria Pontikis, Director, Civic Engagement and Communications
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
Andrea Becker, Acting Director Water & Sewers
Karima Mulji, Director of Engineering Projects and Development Services

FROM: Lon LaClaire
General Manager, Engineering Services

SUBJECT: Anderson Street Utility Upgrade – Construction Starting in February

This memo is to inform Mayor and Council of upcoming critical water and sewer infrastructure upgrades taking place on Anderson Street and West 2nd Avenue. Construction will begin in February 2021, with completion anticipated in the summer of 2021.

Anderson Street Utility Upgrades: Background

During the summer of 2017, near the entrance to Granville Island, poor ground conditions caused the sanitary force main to fail resulting in a sink-hole in the road surface along Anderson Street. Temporary repairs were completed to the force main and the road. During the repair, it was discovered that the sanitary force main from the Granville Island pump station had fractured at two locations. The pipes were assessed by materials consultants and were found to be in good condition; however, the fractures were attributed to settlement and stress on the pipe due to poor ground conditions.

To remedy this issue, upgrades consist of replacing the aging sanitary force main and water main and replacing the pipe bedding and road base with more structurally stable fill. The new infrastructure will have a life expectancy of about 100 years.

Overall upgrades include:

- Installing 200 m of sanitary force main on Anderson Street and West 2nd Avenue;
- Installing 90 m of water main on Anderson Street; and
- Repairing the foul air ducting in Granville Island Pump Station.

Construction Impact

Anderson Street is the only roadway for motor vehicles leading to Granville Island. A minimum of one traffic lane in each direction will be maintained during construction. VPD Traffic Officers will be on site when needed to help guide road users. Access to residences and businesses will be maintained with some sidewalk detours and parking restrictions in effect during construction.

Transit stops westbound and eastbound at the intersection of Anderson Street and West 2nd Avenue will be temporary relocated.

Communications

The upcoming work has been discussed and coordinated with Granville Island (managed by Canada Mortgage and Housing Corporation), and they have indicated that they will work with the City on strategies for Car Free Days to coincide with the construction period.

Granville Island businesses and residents located near this work have received notification letters advising them of the work and project signage has been installed, including signage for pedestrians and people driving. A project webpage with an overview of this work is available at vancouver.ca/anderson that includes the project email and phone number for contacting the project team.

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



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

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