

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: 5/30/2020 7:44:27 AM

Subject: Memo: Pine Street Upgrades: Sewer Upgrades and Transportation Improvements

Attachments: ENG - Memo to Mayor and Council - Pine Street Upgrades - Sewer Upgradespdf

Dear Mayor and Council,

This memo provides updates to Pine Street: Sewer Upgrades and Transportation Improvements.

- Starting early next week, the City will be conducting critical sewer infrastructure upgrades along sections of Pine Street, from 5th Avenue to 8th Avenue.
- The planned sewer infrastructure upgrades will provide an opportunity to address key street safety and comfort issues previously identified along Pine Street.
- The proposed improvements are in alignment with plans and policies such as the Greenest City Action Plan and Transportation 2040.
- Completion is anticipated mid-2021.

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

Best,
Sadhu

Sadhu Afochs Johnston | City Manager
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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.

MEMORANDUM

May 29, 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
Daniel Roberge, Director of Water and Sewer
Karima Mulji, Director of Projects and Development Services
Paul Storer, Director of Transportation
Donny Wong, Acting Director of Integrated Strategy and Utility Planning

FROM: Lon LaClaire
General Manager, Engineering Services

SUBJECT: Pine Street Upgrades: Sewer Upgrades and Transportation Improvements

Starting in June, the City will be renewing critical sewer infrastructure along a section of Pine Street between W 5th Avenue and W 8th Avenue. In coordination with these sewer renewals, we will be installing green infrastructure to enhance rainwater management as well as implementing transportation improvements that will make Pine Street safer and more comfortable for everyone.

Earlier in the spring, we consulted with various stakeholders in the area and have confirmed overall support for the design. We will continue to work with residents and businesses to ensure they are well informed on temporary roadway changes until the completion of the project, anticipated in late spring of 2021.

Project Benefits

Sewer upgrades:

The sewer mains are at the end of their useful life and the City is renewing the existing infrastructure with larger pipes to accommodate future growth. This part of the sewer network is

already separated and will continue to have one pipe for stormwater and one for sanitary waste. These new pipes will have a life expectancy of approximately 100 years.

Transportation upgrades

Pine Street is a local thoroughfare that provides connections to the neighbourhood and access to the Arbutus Greenway. It is frequently used as a shortcut route for vehicles between W 4th Avenue and W Broadway.

The sewer construction work on Pine Street provides an opportunity to introduce measures to reduce vehicle shortcutting, while increasing safety for all pedestrians, cyclists and drivers in the area. This will be achieved by closing the crossing at the Arbutus Greenway to vehicles, and by installing several curb bulges at W 7th Avenue and W 8th Avenue, to reduce crossing distances for pedestrian and reduce the speeds of vehicles.

Green Rainwater Infrastructure

Green rainwater infrastructure is a new approach to rainwater management that uses both engineered and ecosystem-based practices to protect, restore and mimic the natural water cycle. On Pine Street we will be installing several rain gardens within the newly installed curb bulges to meet our rain management goals.

Public Communications

The Project Delivery Branch's Corporate Communications representative will coordinate communication for the project. Project impacts will be communicated to stakeholders according to the Project Communication Plan with adjustments made as needed in consideration of COVID-19. Communication strategies for this project include:

- Advance notification letters to residents and businesses;
- Meetings/check-ins with the local neighborhood, residents, businesses, and key stakeholders along the project corridor as needed;
- Project signage for drivers, pedestrians and cyclists
- Project website allowing for regular project updates;
- Day-to-day support of area businesses and residents provided by a community/stakeholder liaison (Community Liaison, Do Nguyen do.nguyen@vancouver.ca)
- Social media through the City's various channels

If you have any questions or would like more information on this project, please do not hesitate to contact me directly.



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

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