

From: ["Mochrie, Paul" <Paul.Mochrie@vancouver.ca>](mailto:Paul.Mochrie@vancouver.ca)
To: ["Direct to Mayor and Council - DL"](#)
Date: 6/21/2022 9:42:51 AM
Subject: [West King Edward Upgrades: Sewer Water and Street Infrastructure](#)
Attachments: ENG - PDB- West King Edward Upgrades - Sewer Water and Street Infrastructure Improvements - Memo to Mayor & Council - 2022 PDF.pdf

Dear Mayor and Council,

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

- Starting in late June, the City will be conducting critical sewer and water infrastructure upgrades along sections of West King Edward Street, from Arbutus Street to Dunbar Street.
- The planned utility work will provide an opportunity to initiate targeted transportation, street and green infrastructure upgrades in coordination.
- The proposed improvements are in alignment with plans and policies such as:
 - Integrated Liquid Waste Resource Management Plan
 - Greenest City Action Plan
 - Rain City Strategy
 - Transportation 2040
- Completion is anticipated mid-2024.

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)
City Manager
City of Vancouver
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The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the xʷməθkʷəy̓əm (Musqueam), Skwxwú7mesh (Squamish), and səliłwətał (Tsleil-Waututh) Nations.

MEMORANDUM

June 20, 2022

TO: Mayor and Council

CC: Paul Mochrie, City Manager
Armin Amrolia, Deputy City Manager
Karen Levitt, Deputy City Manager
Katrina Leckovic, City Clerk
Lynda Graves, Administration Services Manager, City Manager's Office
Maria Pontikis, Chief Communications Officer, CEC
Anita Zaenker, Chief of Staff, Mayor's Office
Neil Monckton, Chief of Staff, Mayor's Office
Alvin Singh, Communications Director, Mayor's Office
Jimmy Zammar, Director, Urban Watersheds and Drainage, Engineering
Karima Mulji, Director, Projects & Development Services, Engineering
Mark Schwark, Director, Water and Utilities Management, Engineering
Eric Mital, Director, Streets, Engineering
Paul Storer, Director, Transportation, Engineering

FROM: Lon LaClaire
General Manager, Engineering Services

SUBJECT: West King Edward Upgrades: Sewer Water and Street Infrastructure Improvements

RTS #: N/A

Starting in late June, the City will be renewing critical sewer and water infrastructure along a section of West King Edward Avenue between Arbutus Street and Dunbar Street. In coordination with these utility renewals, we will be installing green rainwater infrastructure to enhance rainwater management as well as implementing targeted street and transportation improvements that will make West King Edward Avenue more comfortable for everyone. As work progresses 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 2024. High level project scope map is shown on page 3.

Project Benefits

Sewer and Water Upgrades:

Sewer and water mains in this area are at the end of their useful life and the City is renewing the existing infrastructure by adding larger pipes to accommodate future growth. The combined sewer main will be replaced by one pipe for storm-water and one for sanitary waste. This new water and sewer infrastructure will have a life expectancy of 100 years to help serve our growing City.

Green Rainwater Infrastructure Upgrades

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. Rain gardens and infiltration galleries will be added to W King Edward Ave to collect and filter approximately 31,000 cubic metres annually of polluted road runoff before sending cleaner water to the environment.

Street and Transportation Improvements

West King Edward Avenue is an east-west arterial thoroughfare that provides connections to the local neighbourhood and access to the Arbutus Greenway. The sewer and water construction work on West King Edward Street provides an opportunity to improve roadway conditions and make safety improvements to the intersection at West King Edward Avenue and Arbutus Street.

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. Communication strategies for this project include:

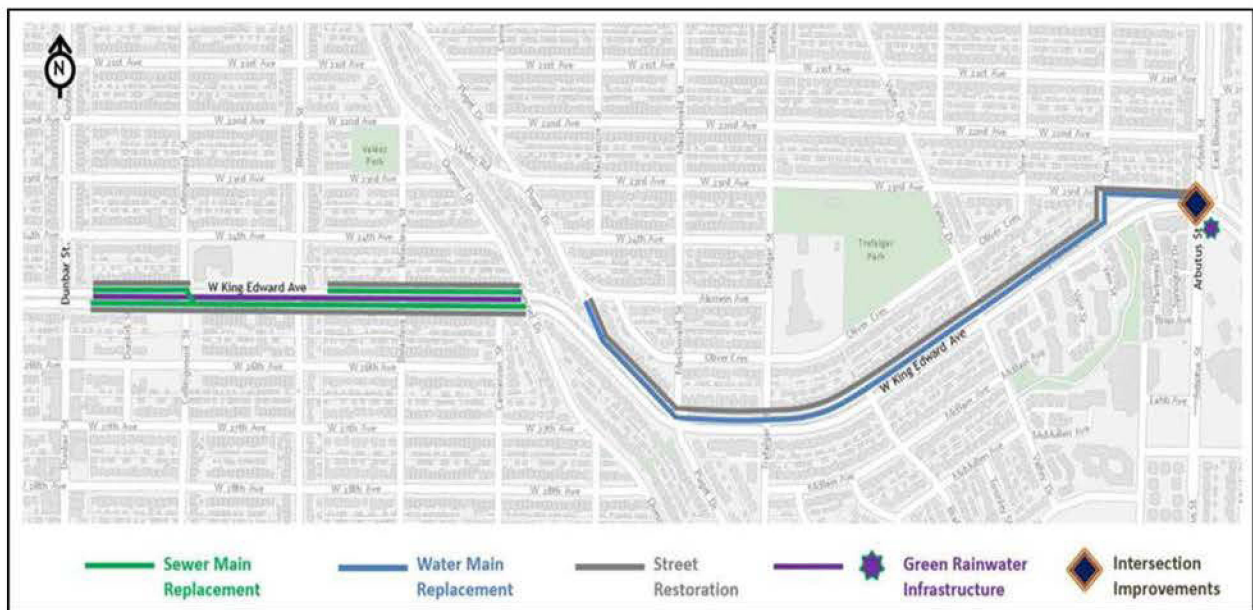
- Advance notification letters to residents and businesses
- Project signage for drivers, pedestrians and cyclists
- Project website allowing for regular project updates
- Day-to-day support of area businesses and residents provided by a community liaison
- Social media through the City's various channels and
- Meetings and check-ins with the local neighborhood, residents, businesses, and key stakeholders along the project corridor as needed

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

604.873.7336 | lon.laclaire@vancouver.ca



Project Scope Map (W King Edward Avenue from Dunbar Street to Arbutus Street)