

From: **"Mochrie, Paul"**

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

Date: 2024-04-24 5:38:29 PM

Subject: Memo to Council - Construction Start

Attachments: DOC 2024 090442 ENG - PDB - WPSU - Comms - Memo to Council - Construction Start.pdf

Dear Mayor and Council,

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

- Phase 1 of the West Pender Street Water Upgrades project will start on May 6th and will be complete by November 2024
- Construction will occur on West Pender Street between Burrard Street and Bute Street
- Construction at the intersection of West Pender and Burrard will be significant and managed through signed, sealed traffic management plans, a traffic control supervisor and Vancouver Police as required
- Communication tools include a project website, project email, Changeable Message Signs, construction warning signs and an information bulletin for distribution to local media outlets
- Funding for the project is from the Waterworks Transmission Main and Distribution Main Renewal Program 2023-2026

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



The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the x^wməθk^wəyəm (Musqueam), Skwxwú7mesh (Squamish), and səliwətał (Tsleil-Waututh) Nations.

MEMORANDUM

April 24, 2024

TO: Mayor and Council

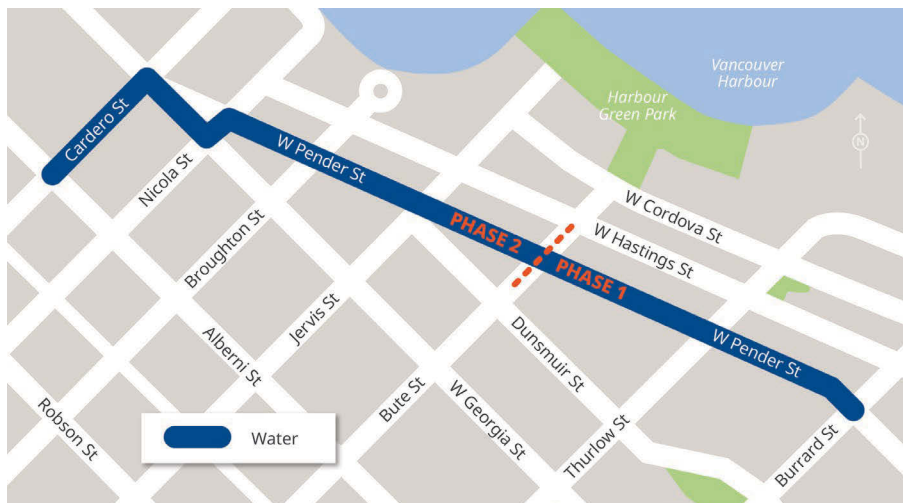
CC: Paul Mochrie, City Manager
Karen Levitt, Deputy City Manager
Armin Amrolia, Deputy City Manager
Sandra Singh, Deputy City Manager
Teresa Jong, Administration Services Manager, City Manager's Office
Maria Pontikis, Civic Engagement and Communications Director
Katrina Leckovic, City Clerk
Trevor Ford, Chief of Staff, Mayor's Office
Harrison Fleming, Communications Director, Mayor's Office

FROM: Lon LaClaire
General Manager, Engineering Services

SUBJECT: West Pender Street Water Upgrades

This memo is to inform Mayor and Council that Phase 1 of construction to replace the aging transmission water main on W Pender Street will start May 6th, 2024, and is expected to be completed by November 2024. Phase 1 scope extends from the intersection of Burrard Street and West Pender Street to the intersection of Bute Street and West Pender Street.

Figure 1 – Construction Map



Background

The West Pender St Water Upgrades project was initiated in response to the aging transmission water main. The existing transmission water main in the project area was installed in 1928. The life expectancy of a steel water main is between 80 and 100 years, which means that this asset is nearing its useful service life. In addition, in the past 1.5 years there have been three leaks on the West Pender St transmission main; two at the Jervis Street intersection and one near the Thurlow Street intersection. These leaks are significant indicators of the need to replace this section of the transmission main.

Construction

The overall project duration is expected to take approximately 18 months. The duration accounts for separating the project into two phases with an estimated six-month gap between the phases to accommodate Metro Vancouver bypass construction (associated with the Metro Vancouver Capilano 5 Water Tunnel Project within Stanley Park) requiring no water service reduction or interruption in the downtown core.

The Phase 1 construction start date of May 6th follows the May 5th BMO Marathon to avoid impacts to the event. In addition, Phase 1 of the project must be completed prior to Metro Vancouver bypass work planned for November 2024. Phase 2 of the Project will start following Metro Vancouver bypass work completion (currently estimated for Q2 2025) and after the 2025 BMO Marathon.

Phase 1 of the project will use the traditional method for water main renewal - open cut construction by internal crews.

Traffic Impacts

Traffic impacts at the intersection of West Pender Street and Burrard Street will be significant for the first 5 weeks of construction. They will be managed through a signed and sealed traffic management plan, traffic control plans and an onsite Traffic Control Supervisor, with the aid of the Vancouver Police at the intersection as needed.

Communication

A project website and email have been set up to facilitate public enquiries. Changeable Message Signs (CMS) and construction signage will be installed in the project area in advance to warn drivers of upcoming traffic impacts. The Engineering communication coordinator will send an information bulletin to local media, targeting commuter news stations for wider broadcast.

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



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

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