

From: ["Levitt, Karen" <karen.levitt@vancouver.ca>](mailto:karen.levitt@vancouver.ca)
To: ["Direct to Mayor and Council - DL"](#)
Date: 3/13/2023 12:24:32 PM
Subject: Hastings Sunrise Sewer Renewal and Green Rainwater Infrastructure Project - East 1st Avenue Traffic Impacts (Phase 2)
Attachments: ENG - Memo - Hastings Sunrise Sewer Renewal and Green Rainwater Infrastructure Project – East 1st Avenue Traffic Impacts (Phase 2).pdf

Dear Mayor and Council,

Please see the attached memo from Lon LaClaire on Hastings Sunrise Sewer Renewal and Green Rainwater Infrastructure Project - East 1st Avenue Traffic Impacts (Phase 2). A short summary of the memo is as follows:

- Construction of the Hasting Sunrise Sewer Renewal and Green Infrastructure Phase 2 project on E. 1st Avenue will begin in late-March 2023.
- The upcoming work will take place on Windermere Street across E. 1st Avenue to connect recently separated sewers north of E. 1st Avenue to the existing sewer system south of E. 1st Avenue which will be renewed as part of an external funding agreement through the Investing in Canada Infrastructure Plan.
- This work will help meet the City's regulatory requirement to eliminate combined sewer overflows by 2050, unlock the potential for more local housing and development by increasing sewer capacity to meet growth driven demand and adapt our system to the more frequent heavy rainfall events we are experiencing with climate change.
- One lane of traffic will be retained on E. 1st Avenue in each direction throughout construction.
- There will be a media release announcing start of Phase 2 of the project, highlighting the project benefits and describing traffic impacts. The Mayor will be invited to provide a quote to be included as part of this release.

If you have any questions, please feel free to contact Lon LaClaire at 604-873-7722 or lon.laclaire@vancouver.ca.

All the best,

Karen

Karen Levitt, Deputy City Manager (she/her)
karen.levitt@vancouver.ca

The City of Vancouver acknowledges that it is situated on the unceded traditional territories of the xʷməθkʷəy̓əm/Musqueam, Skwxwú7mesh/Squamish and səliwətaʔ/Tsleil-Waututh nations

MEMORANDUM

March 10, 2023

TO: Mayor and Council

CC: Paul Mochrie, City Manager
Armin Amrolia, Deputy City Manager
Karen Levitt, Deputy City Manager
Maria Pontikis, Chief Communications Officer, CEC
Rosemary Hagiwara, Acting City Clerk
Teresa Jong, Administration Services Manager, City Manager's Office
Mellisa Morphy, Acting Chief of Staff, Mayor's Office
Trevor Ford, Director of Operations, Mayor's Office
Paul Storer, Director of Transportation
Jimmy Zammar, Director Urban Watersheds, Sewers & Drainage

FROM: Lon LaClaire
General Manager, Engineering Services

SUBJECT: Hastings Sunrise Sewer Renewal and Green Rainwater Infrastructure Project –
East 1st Avenue Traffic Impacts (Phase 2)

RTS #: N/A

Starting in the fourth week of March 2023, construction work to replace aging combined sewers will begin on E. 1st Avenue between Renfrew Street and Rupert Street. This work constitutes Phase 2 of the three-phased Hastings Sunrise Sewer Renewal and Green Rainwater Infrastructure project (the "Project") that is part of the current Capital Plan as shown in the attached Figure 1.

During Phase 2, traffic along E. 1st Avenue will be reduced to one lane in each direction to safely enable work with anticipated completion of work along E. 1st in July 2023. All sewer upgrades for Phase 2 of work are expected to be completed by August 2023.

Project Background and Benefits

The City has a regulatory requirement to eliminate combined sewer overflows (CSO's) by 2050. The Project will help meet that requirement by separating the existing combined systems in the Hastings – Sunrise area that are reaching end of life, and helping to reduce contributions to Vancouver's second-highest CSO location – the Cassiar outfall at New Brighton Park.

This work will also help unlock the potential for more local housing and development by increasing sewer capacity to meet growth driven demand, while adapting the system to the more frequent heavy rainfall events we are experiencing with climate change.

In November 2021, the City of Vancouver entered into an agreement with the Minister of Municipal Affairs (“The Province”) to receive grant funding for the project through the Investing in Canada Infrastructure Plan, under the Green Infrastructure – Environmental Quality program.

Existing sewers between Renfrew Street and Rupert Street north of E. 1st Avenue have been renewed and there is ongoing construction to implement green rainwater infrastructure systems in this neighbourhood shown as Phase 1 in the attached Figure 1. The upcoming work on E. 1st Avenue will connect the recently separated sewers north of E. 1st Avenue to the existing sewer system south of E. 1st Avenue which will be renewed as part of the current capital plan as per the external funding agreement with The Province.

Schedule

Construction on E. 1st Avenue will be carried out by the City’s internal crews. The approximate sequence of work will be as follows:

- Pre-work in E. 1st Avenue Median complete April 2023
- Sewer construction across E. 1st Avenue complete July/August 2023

Traffic Management

One lane of traffic will be retained on E. 1st Avenue in each direction throughout construction. Some adjacent street and lane closures will be in effect to facilitate construction.

Traffic advisory signage will be implemented surrounding the work area as well as on Highway 1 and traffic control personnel will be on-site to manage traffic and assist pedestrians around the construction site. Local traffic only signage will be implemented to limit short cutting through the local neighbourhood.

Public Communications

The communication plan for this project includes:

- Advance notification letters to residents and businesses;
- Project signage for people walking, cycling, and driving in the area;
- Project website allowing for regular project updates and links to related policies and projects;
- Day-to-day support of area businesses and residents provided by community / stakeholder liaison;
- Media release announcing start of Phase 2 of the project, highlighting the project benefits and describing traffic impacts; and,
- Social media through the City’s various channels.

Project inbox: hastings-sunrise-upgrades@vancouver.ca

Project website: <https://vancouver.ca/streets-transportation/hastings-sunrise-sewer-renewal.aspx>

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

Figure 1: Project Overview. Upcoming work zone consists of the area shown as “Phase 2”.

