

Integrated Renewal of Ferndale Avenue and Beechgrove Avenue & Retired Sanitary Sewer Abandonment

Virtual Public Information Session and Online
Engagement Opportunity
Preliminary Design

April 13, 2023



Land Acknowledgement

We recognize that Ottawa is located on unceded territory of the Anishinabe Algonquin Nation.

We extend our respect to all First Nations, Inuit and Métis peoples for their valuable past and present contributions to this land.

We also recognize and respect the cultural diversity that First Nations, Inuit and Métis people bring to the City of Ottawa.

Online Engagement Opportunity

Welcome to the Online Engagement Opportunity for the Integrated Renewal of Ferndale Avenue and Beechgrove Avenue & Retired Sanitary Sewer Abandonment.

The City has a proactive communications approach. The project team will update you on the project using different methods to communicate including letters and posting information on ottawa.ca.

The purpose of this Virtual Public Information Session (PIS) and Online Engagement Opportunity is to present the preliminary design, receive feedback, keep residents informed on the current status of the project and how to stay informed during construction.

Your feedback is important to the success of this project. Please review the information presented and **provide your comments by phone or email**, as noted on the last page of this document, **by April 27, 2023**.

Project Overview

The City of Ottawa has retained Parsons to undertake the Integrated Renewal of Ferndale Avenue and Beechgrove Avenue Project. The project includes the integrated road, sewer and watermain renewal of Ferndale Avenue between Churchill Avenue and Selby Avenue. In addition, approximately 50m of new watermain will be constructed on Beechgrove Avenue to connect two dead-end watermains. Approximately 1,500m of retired sanitary sewer, mostly in the NCC lands to the north, will be abandoned.

This Online Engagement Opportunity presents:

- A summary of the existing sanitary and storm sewer, watermain and roadway conditions;
- A description of the proposed works;
- What to expect during construction; and
- Project schedule.



Project Key Plan

Existing Conditions - Ferndale Avenue

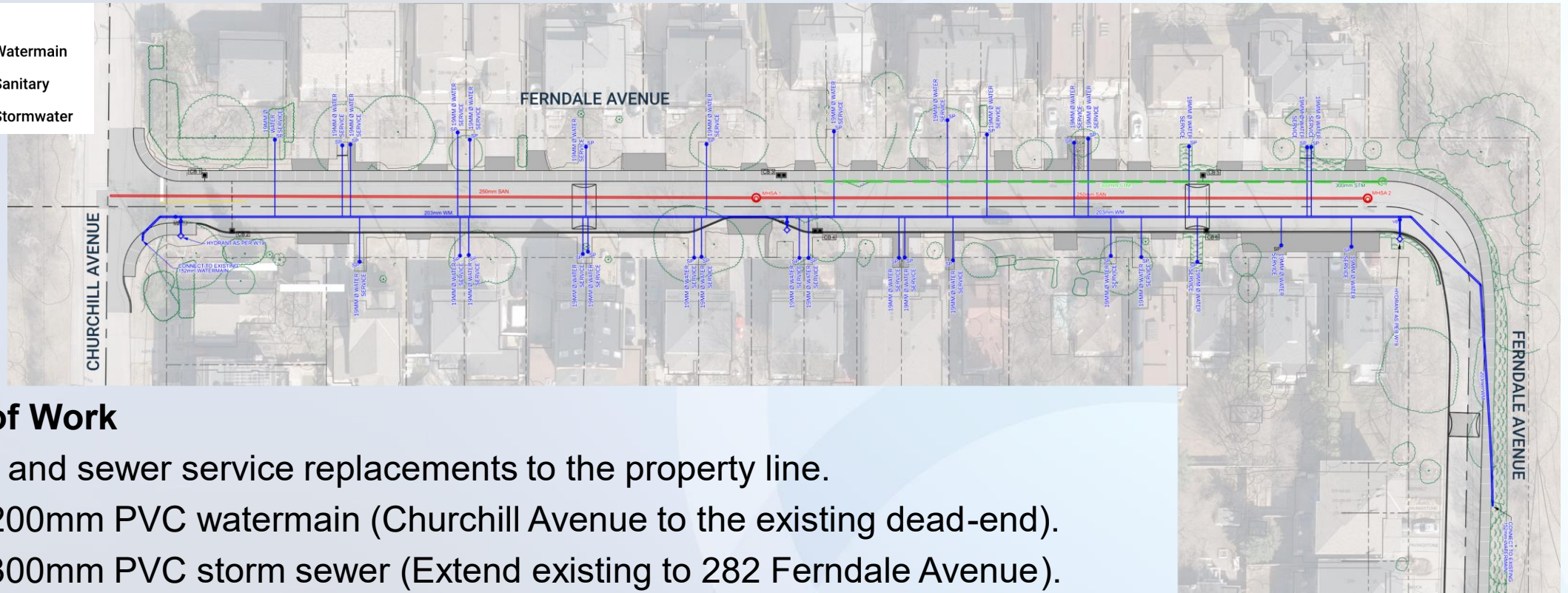
Existing Sewer and Watermain Infrastructure

- The sanitary sewer and watermain on Ferndale Avenue, as described below, have reached the end of their service life, are generally in poor condition and therefore require replacement:
 - Watermain (150mm – Cast Iron) dates back to original development. There is a short section of newer Watermain (150mm - PVC) from 2012 that dead-ends in the middle of the North-South section.
 - Sanitary Sewer (225mm – Concrete) dates back to 1967.
- The existing storm sewer, as described below, is in satisfactory condition but will be extended further east to improve drainage:
 - Storm Sewer (300mm – Concrete) dates back to 1981 and only extends approximately from 303 Ferndale to Churchill Avenue.
- The existing pavement is in fair-poor condition and requires replacement.

Project Description – Ferndale Avenue (1)

Legend

- Proposed Watermain
- Proposed Sanitary
- Proposed Stormwater



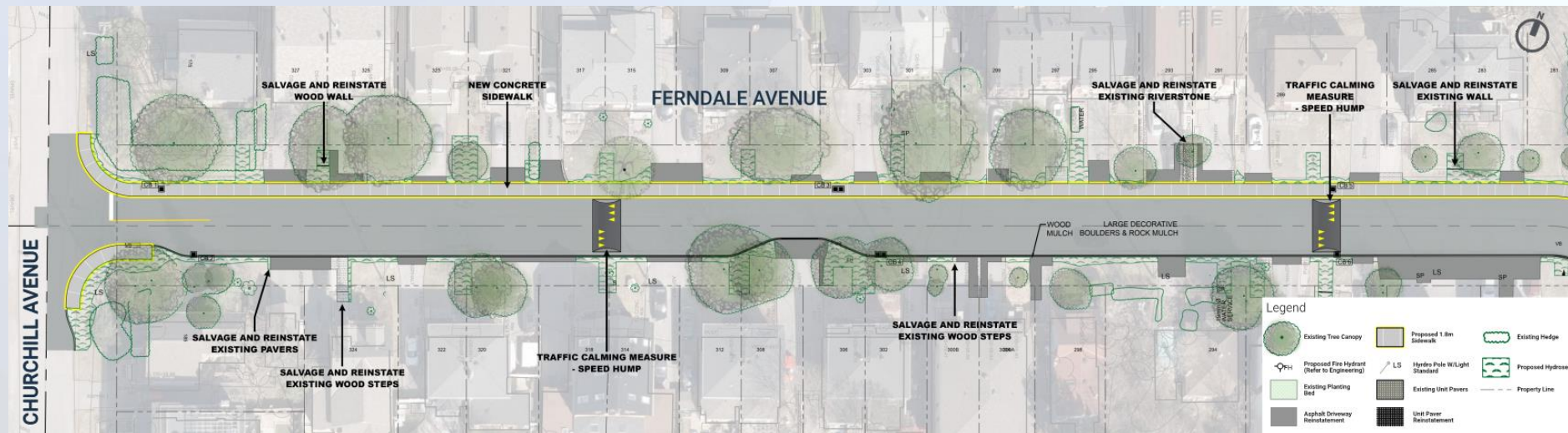
Scope of Work

- Water and sewer service replacements to the property line.
- New 200mm PVC watermain (Churchill Avenue to the existing dead-end).
- New 300mm PVC storm sewer (Extend existing to 282 Ferndale Avenue).
- New 250mm PVC sanitary sewer (282 Ferndale Avenue to Churchill Avenue).

Project Description – Ferndale Avenue (2)

Scope of Work (Continued)

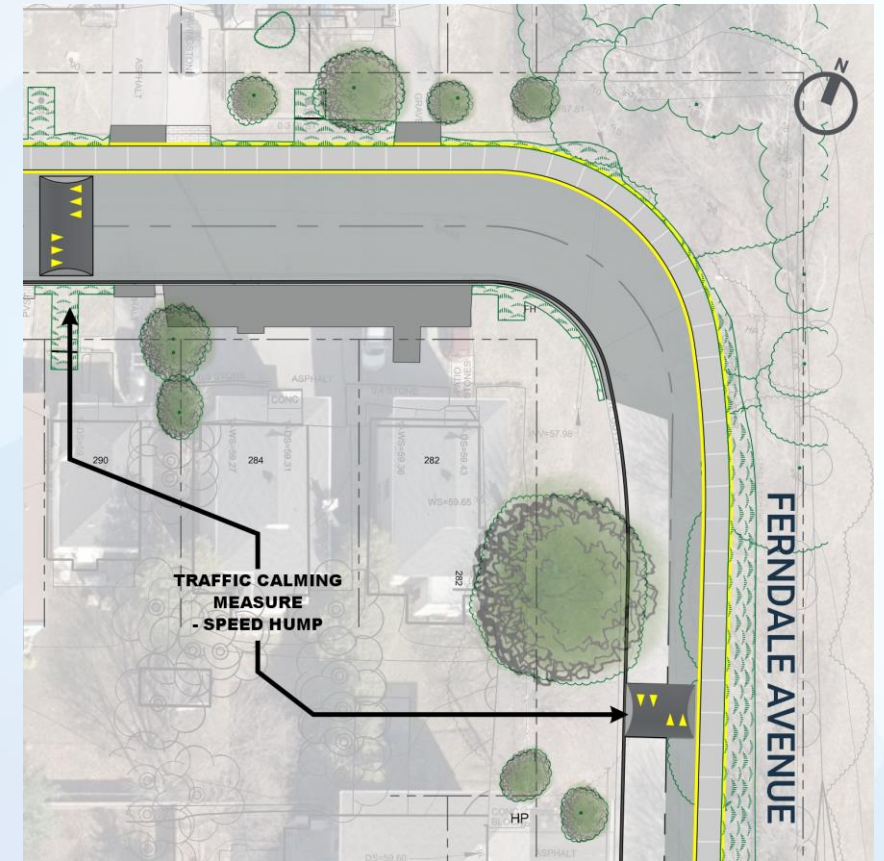
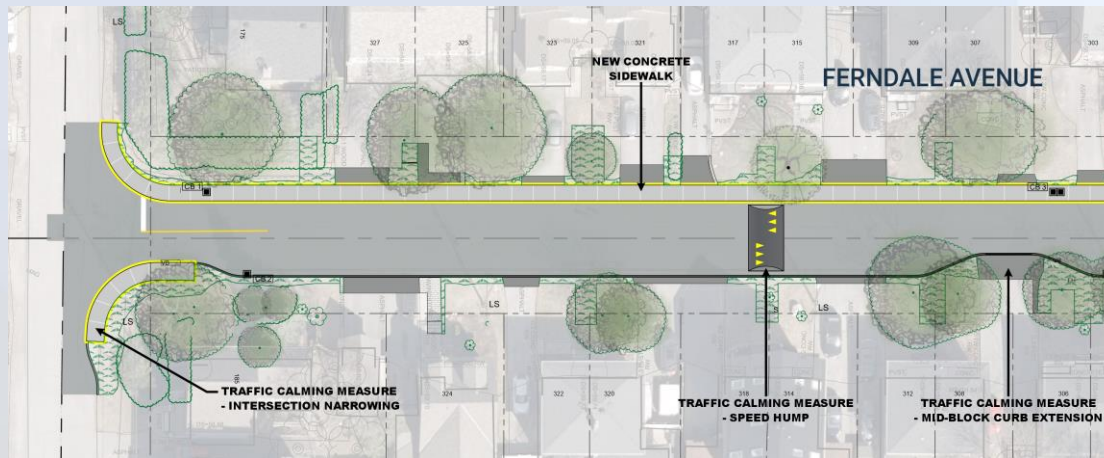
- Reconstruct Ferndale Avenue from 2x4.5m to 2x4.25m paved lanes, including new road structure and curbs.
- Introduce a new 1.80m wide sidewalk on the North/East side.
- The overall cross-section widening, due to the sidewalk addition, is split between the North and South sides of the road to minimize the impact beyond the existing curb lines.
- Reinstatement of both hard surfaces and impacted landscaping features.



Project Description – Ferndale Avenue (3)















Scope of Work (Continued)

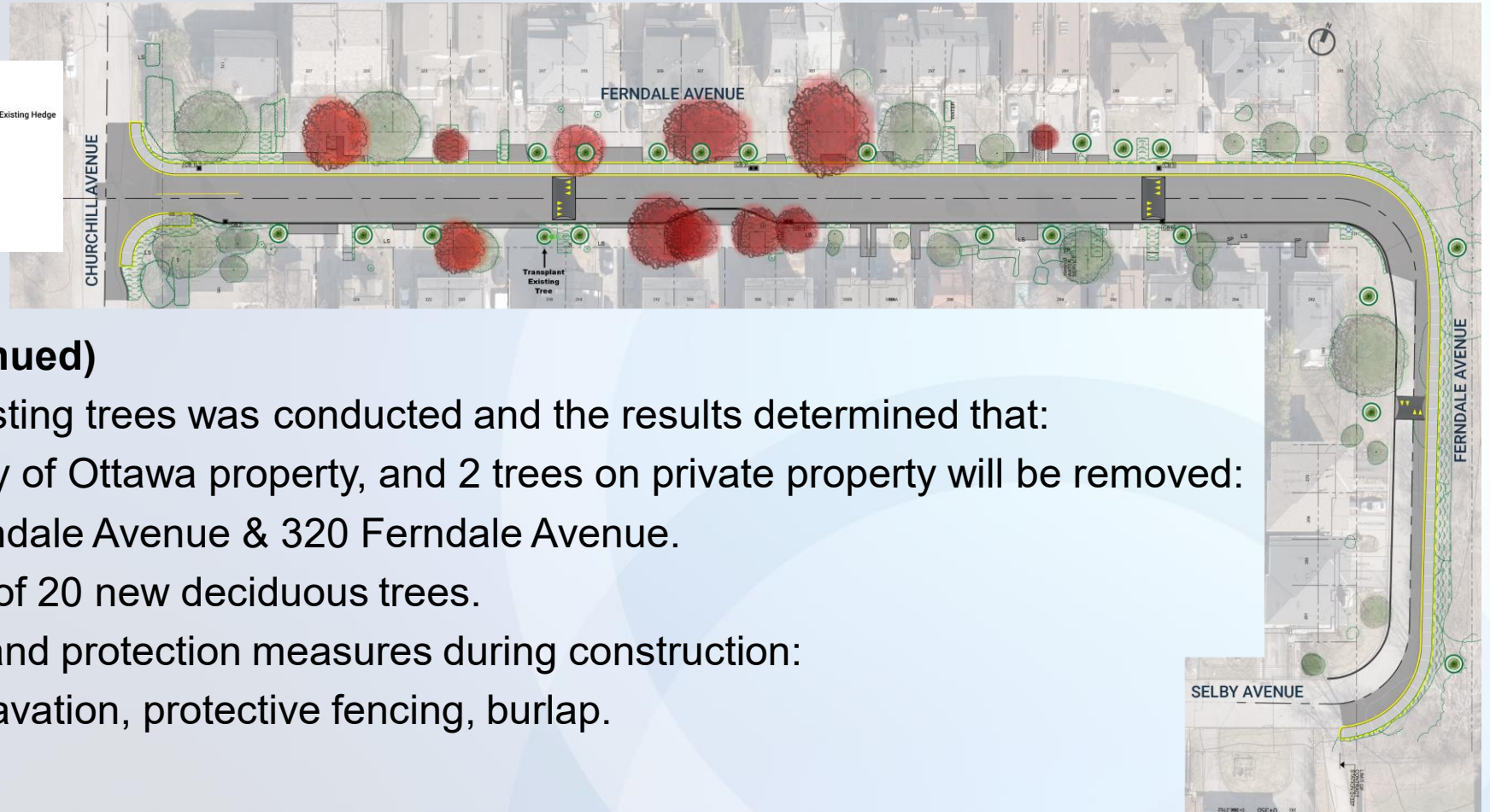
- Introduction of 30 km/h measures to improve public safety:
 - 3 speed humps located at approximately:
 - 318, 290, and 270 Ferndale Avenue;
 - Intersection narrowing at Churchill Avenue.
 - Mid-block curb extension between 306 & 308 Ferndale Ave.



Project Description – Ferndale Avenue (4)

Legend

	Existing Tree Canopy		Proposed Tree		Tree to be Removed		Existing Hedge
	Proposed Fire Hydrant (Refer to Engineering)		Hydri Pole W/Light Standard		Proposed Hydroseed		Property Line
	Existing Planting Bed		Existing Unit Pavers		Proposed 1.8m Sidewalk		Asphalt Driveway Reinstatement
	Asphalt Driveway Reinstatement		Unit Paver Reinstatement				



Scope of Work (Continued)

- An inventory of existing trees was conducted and the results determined that:
 - 9 trees on City of Ottawa property, and 2 trees on private property will be removed:
 - 301 Ferndale Avenue & 320 Ferndale Avenue.
- Proposed planting of 20 new deciduous trees.
- Tree preservation and protection measures during construction:
 - hydrovac excavation, protective fencing, burlap.

Lead Service Replacement – Ferndale Avenue

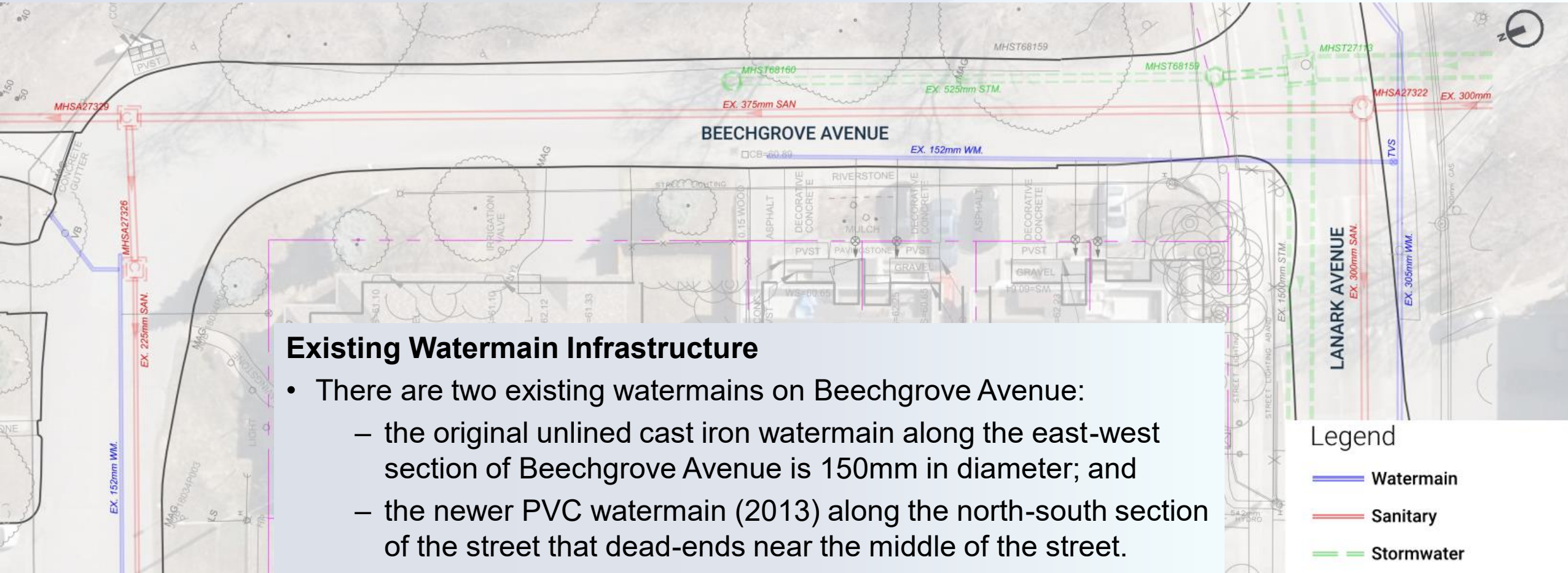
Given the maturity of the area, it is possible that you have a lead water service. As part of this project, all water services will be replaced to the City property line. Any replacement of services on private property is the responsibility of the property owner to coordinate with an independent contractor. A City of Ottawa program is available to help subsidize the cost of replacing your lead service. Additional information on the Lead Pipe Replacement Program can be found at the link below:

<https://ottawa.ca/leadpipes>

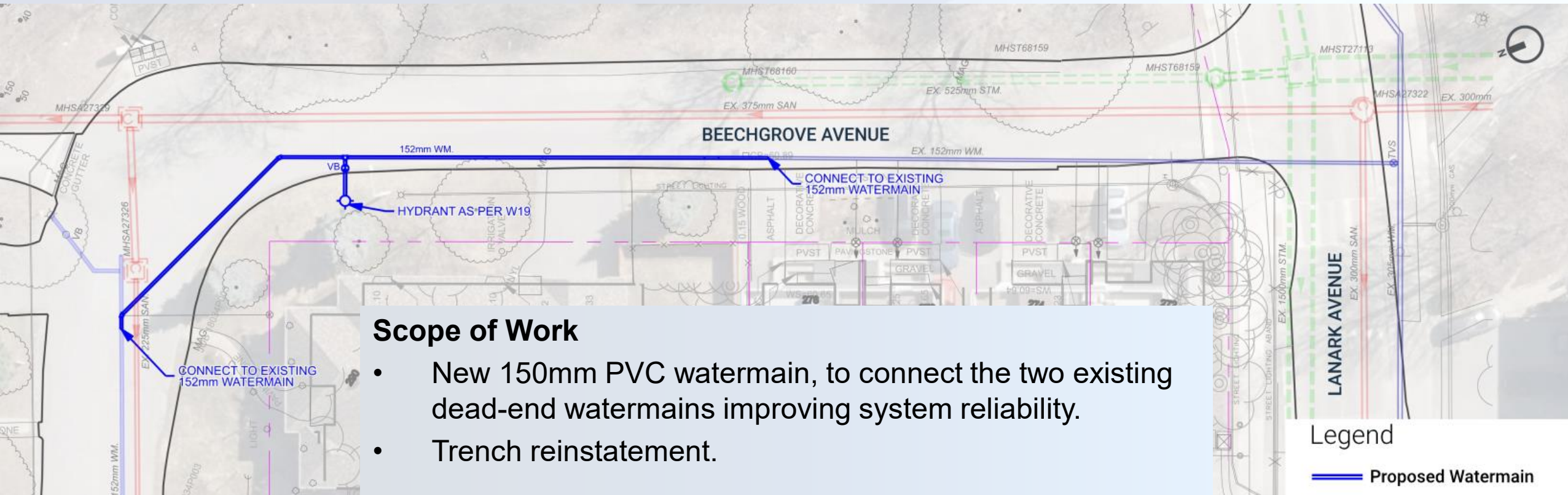


Lead Pipe (Left) & Copper Pipe (Right)

Existing Conditions - Beechgrove Avenue



Project Description – Beechgrove Avenue



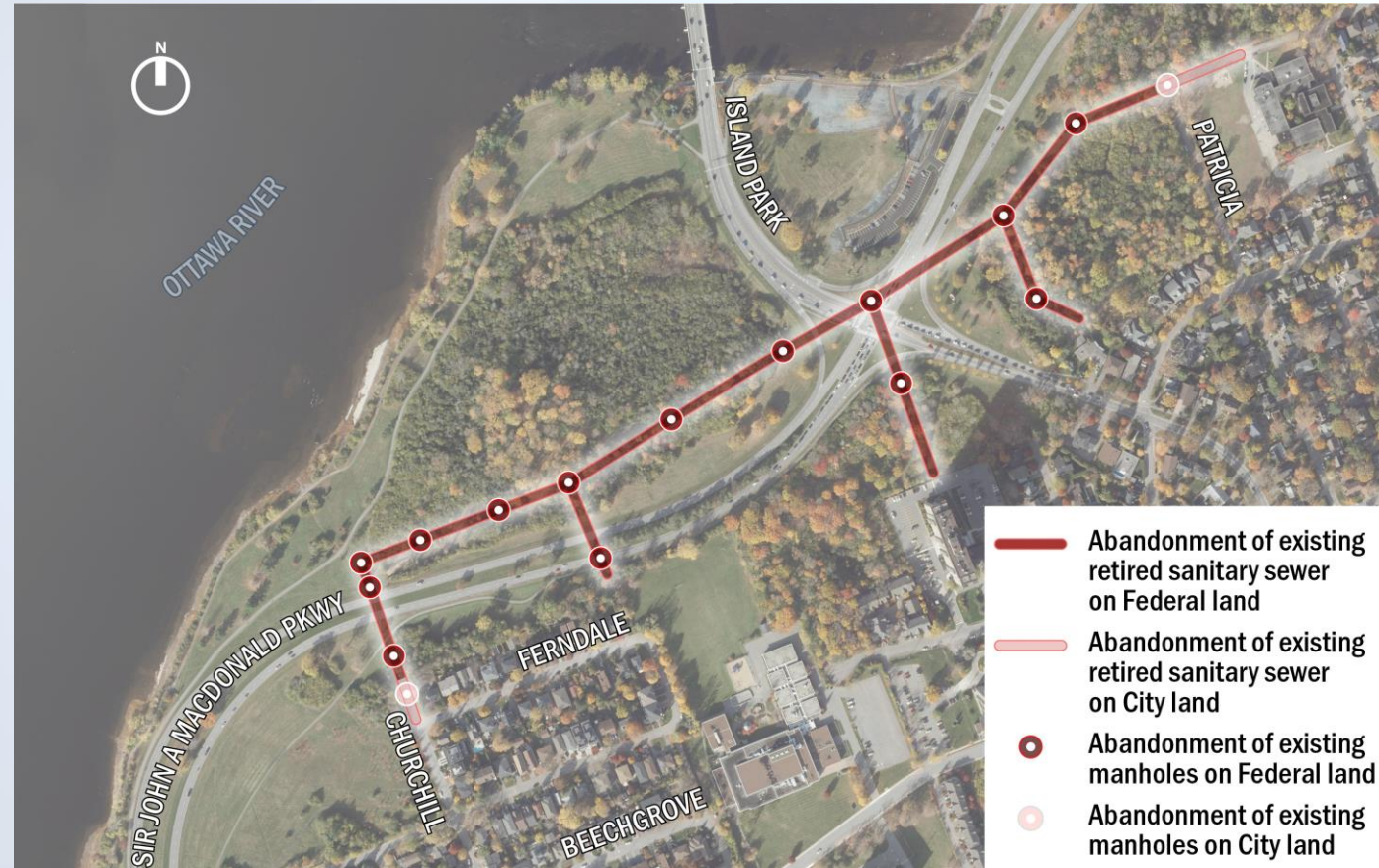
Scope of Work

- New 150mm PVC watermain, to connect the two existing dead-end watermains improving system reliability.
- Trench reinstatement.
- Refer to design drawings posted on the project webpage for additional details: ottawa.ca/ferndalebeechgroveavenues

Project Description – Sanitary Abandonment

Scope of Work

- Approximately 1,500m of retired sanitary sewer, generally within NCC property, to be abandoned.
- The included sewers extend from the north end of Churchill Avenue, across the Sir John A. Macdonald Parkway through a vegetated area and across the Island Park Drive intersection to Patricia Avenue. There are additional branches of sewer to abandon on either side of Island Park Drive.
- Vegetation removal and reinstatement.



Limits of Sewer
Abandonment

Project Schedule (Ferndale & Beechgrove)

- **Design Completion** – the project design is planned to be completed by summer of 2023.
- **Public Information Session #2** – An additional public information session is tentatively planned for spring 2024 to provide additional details about construction.
- **Construction Start** – the construction is anticipated to start in late spring of 2024 (pending budget approval)
- **Construction Completion** – the construction is expected to be complete by the end of 2024.
- **Notice to Resident**– Property owners will be informed of upcoming works through construction notices delivered to their property. These notices will be sent out prior to construction and when services or access may be restricted.

Project Schedule (Sanitary Abandonment)

- **Design Completion** – the project design is planned to be completed in summer of 2023.
- **Construction Start** – the construction is anticipated to start in late summer of 2024 (pending budget approval).
- **Construction Completion** – the construction is expected to be complete by the end of 2024.
- **Notice to Resident**– Property owners will be informed of upcoming works through construction notices delivered to their property. These notices will be sent out prior to construction and when services or access may be restricted.

Thank You

Thank you for reviewing the project information boards. We encourage you to share your thoughts with us and submit any questions or comments by **April 27, 2023** to the City of Ottawa Project Manager.

City of Ottawa Project Manager

Lee-Anne Truong, P.Eng., PMP

Senior Engineer, Infrastructure Projects

100 Constellation Drive, Ottawa, ON K2G 6J8

Tel.: 613-580-2424, ext. 24770

Email: lee-anne.truong@ottawa.ca