

Carlington Heights Pump Station Upgrade

City of Ottawa

**Online Public Information
Session**

April 1-20, 2022

Welcome

The City of Ottawa Infrastructure Services Department welcomes you to the Carlington Heights Pump Station Upgrade Project Online Engagement Opportunity.

The purpose of this Online Public Information Session is to present the 99% design, receive feedback, identify the next steps in this process, and inform residents of future construction activities.

Staff of the City and the consulting firm Parsons Inc. are available to discuss the material being displayed.

We welcome your comments. Please email your comments to the address below by **April 20, 2022**.

City Project Manager

Elsa La Corte, Acting Program Manager

Email: Elsa.LaCorte@ottawa.ca

Tel.: 613-580-2424, ext. 22753

Project Team

City of Ottawa:

· **Elsa La Corte** — City Project Manager

Consultant:

· **André Proulx** — Consultant Project Manager

Purpose of this Session

The purpose of this Public Information Session is to present the planned construction project of the New Morisset Avenue Pump Station (which will replace the existing Carlington Heights Pump Station), the timing of the construction and the related construction activities.

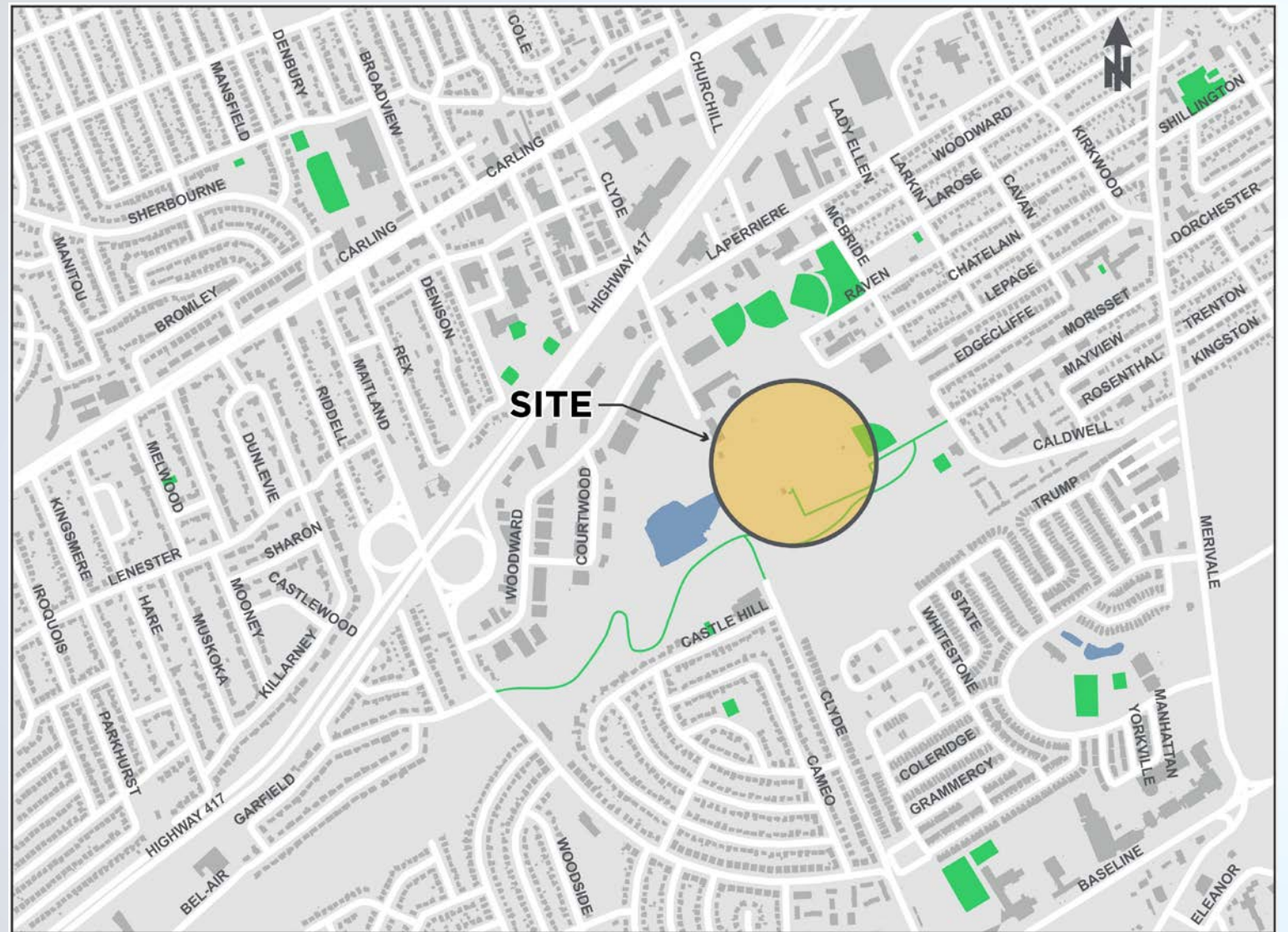
Project Objectives

The Carlington Heights Pump Station (CHPS) was originally constructed in 1963. It draws water directly from the adjacent Carlington Heights Reservoir (CHR) and supplies a population of over 250,000.

The City of Ottawa Infrastructure Master Plan (IMP) has identified the need for additional capacity at the CHPS.

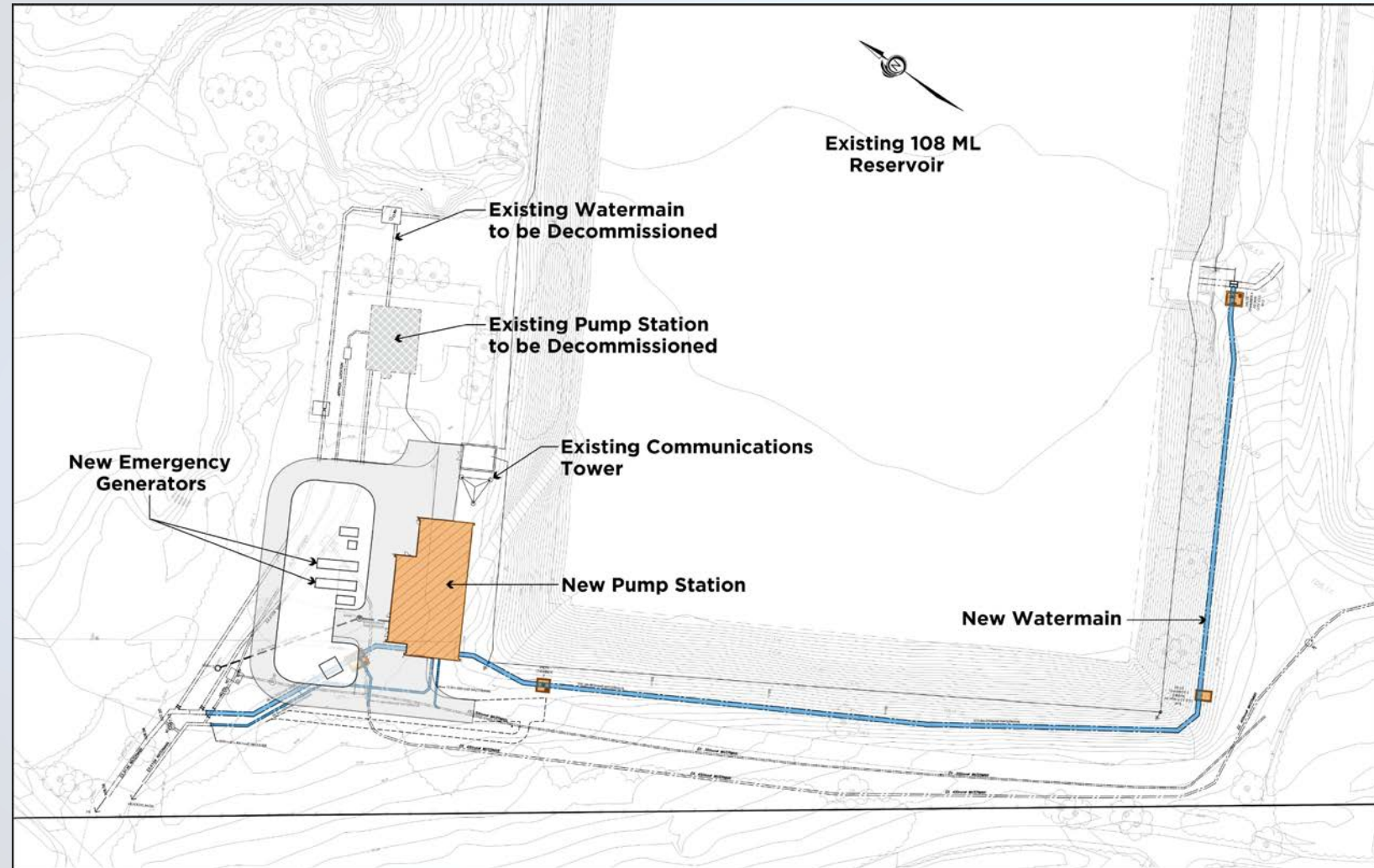
Improvements are needed so that this station can provide adequate emergency supply to the City's various water pressure zones.

This project will improve the reliability of supply to both existing and future development.



Key Components

- The new Morisset Avenue pumping station will be located on the west side of the reservoir, tight against the berm and adjacent to the existing communication tower compound
- New 914mm diameter watermain connected directly off of the existing 1200mm diameter watermain on the east side of the reservoir
- Four new discharge watermains connected to existing watermains
- Demolition of the existing pumping station approximately 6 months after the new pumping station has been commissioned



Design Rendering of the New Pump Station

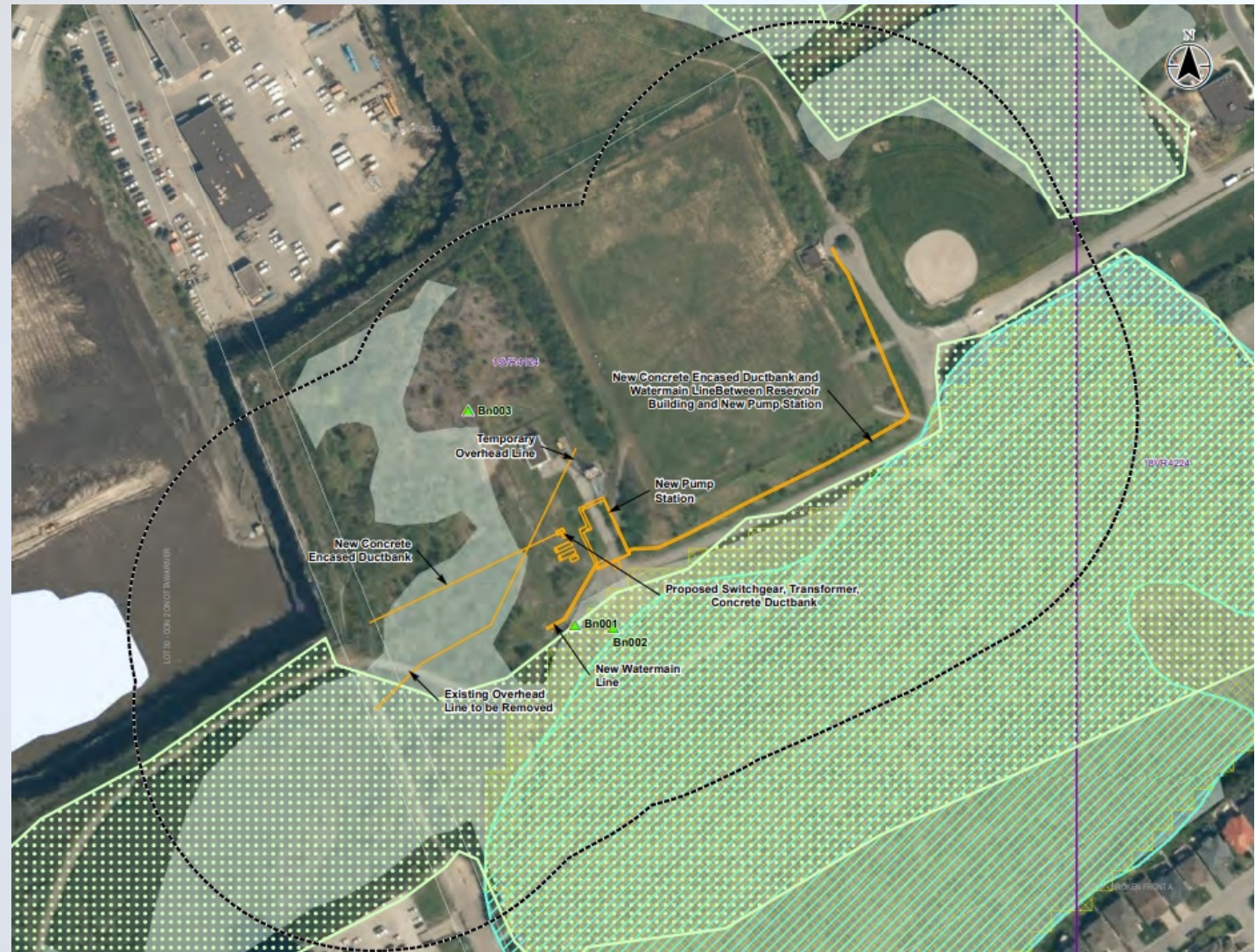


Project Environmental Considerations

A Species at Risk (SAR) screening report was completed in 2016 and updated in 2021 related to any possible environmental aspects of this construction project. The report noted the following possible impacts:

Some Butternut trees will be impacted and the City has already taken mitigation measures to address this.

The contractor will be required to meet City of Ottawa, Provincial and Federal requirements in regards to wildlife, tree and vegetation protection.



Budget and Schedule

Budget

- Approved budget/Investment limit \$16 million

Schedule

- Design completion: June 2022
- Tendering: July 2022
- Construction start: September 2022
- Construction end: spring 2025

What to Expect during Construction

- **Hours of work**

Permitted Monday to Friday between 7 am and 10 pm. Work may be permitted on Saturday, Sunday and Statutory holidays, if required.

- **Noise During Construction**

Noise By-Laws will be adhered to over the duration of this project. You may feel vibrations at your home or business due to the use of heavy equipment needed to complete this work. This is quite common and not usually a problem.

- **Reduced Access**

The construction zone will be fenced-off for the duration of the project with no access to the public. All public areas outside of the construction zone will remain accessible to the public.

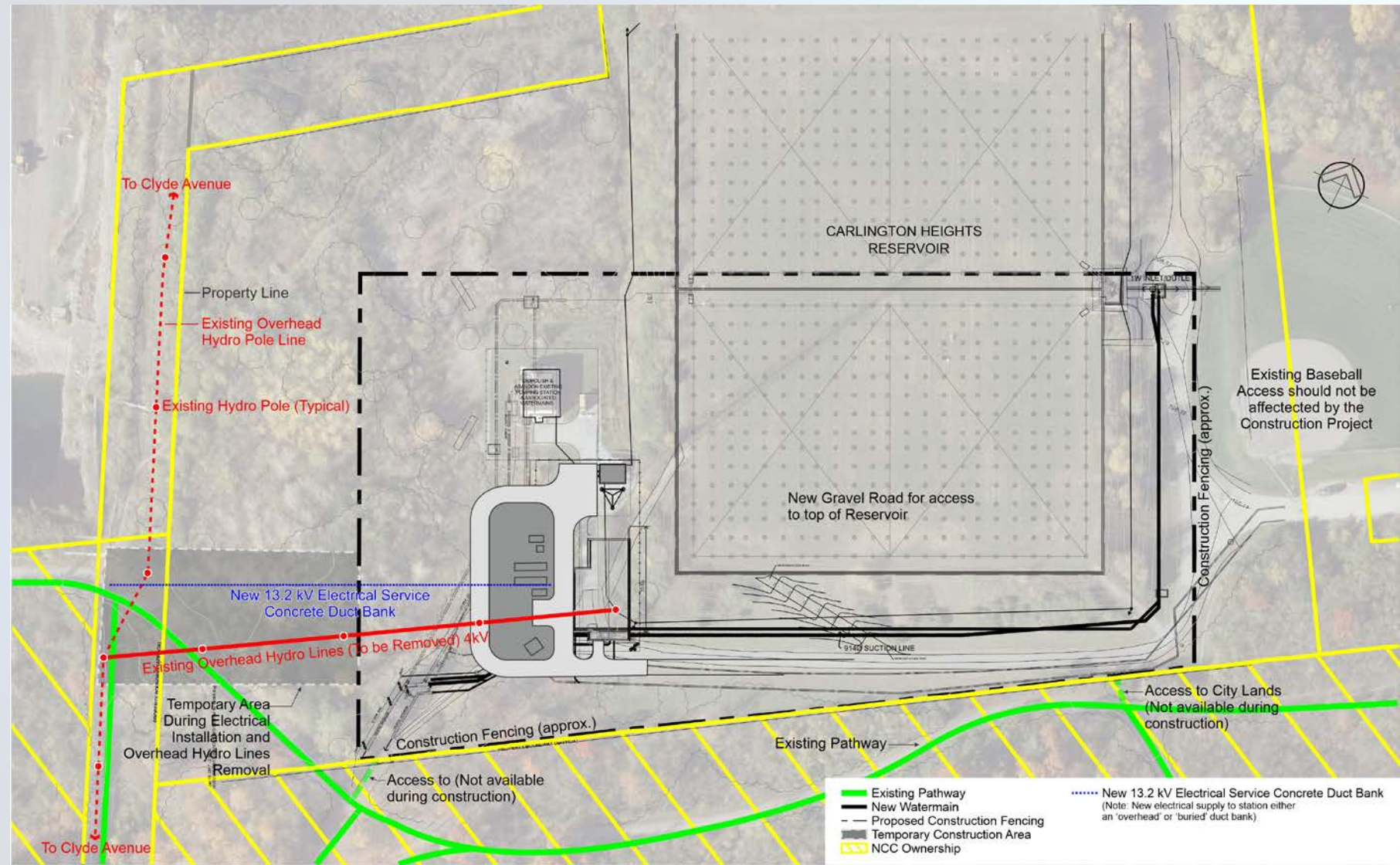
- **Construction Traffic**

Expected traffic routes for construction vehicles is along Caldwell Avenue.

What to Expect during Construction

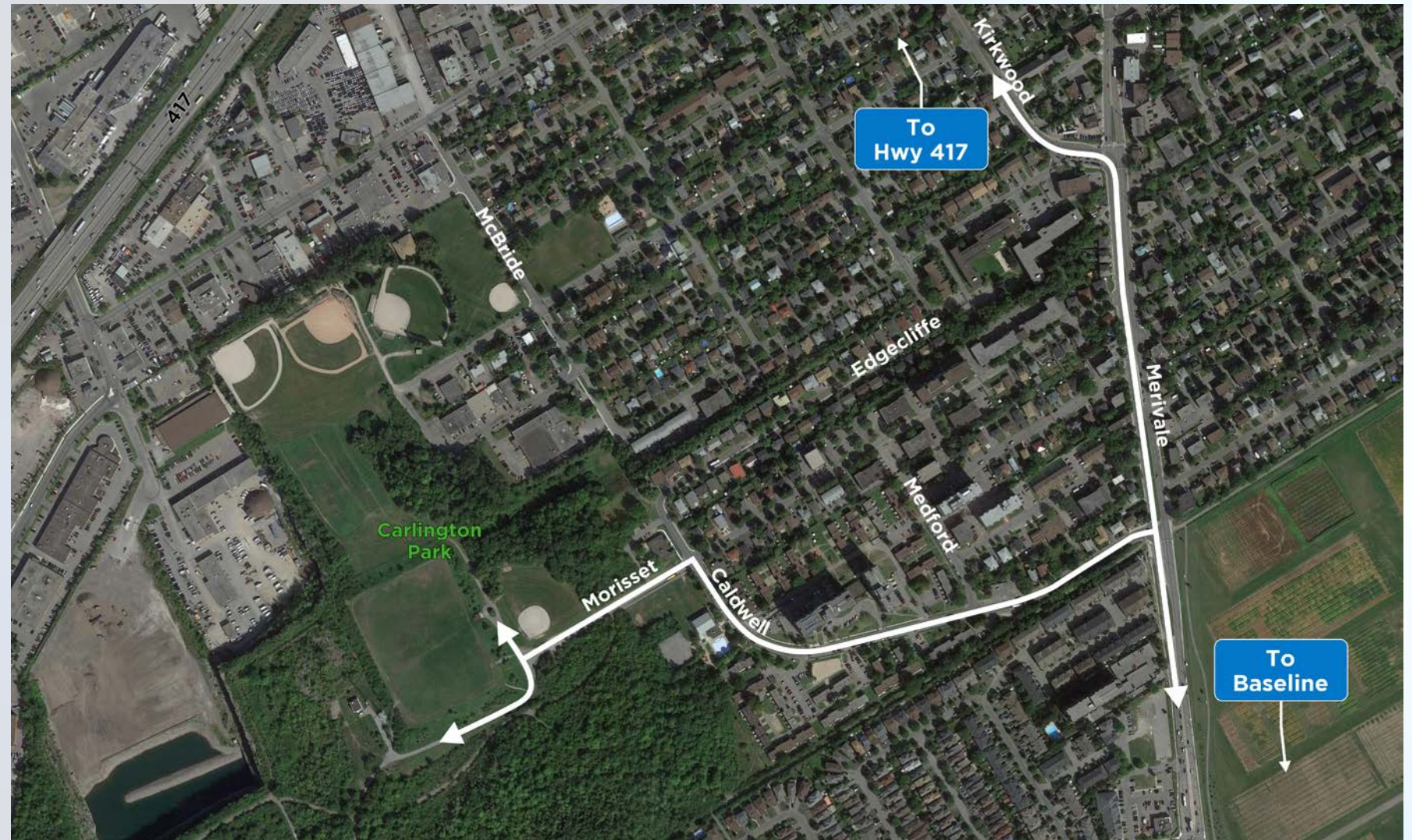
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What to Expect during Construction

Expected Traffic Routes for Construction Vehicles



Thank you for your attendance

We encourage you to provide your comments in writing

All information/comments received will be maintained on file for use during the study and may be included in study documentation. With the exception of personal information, all comments will become part of the public record.

Comments are welcome. Please email your comments to the City Project Manager by **April 20, 2022**.

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Prior to construction, affected residents will be notified of the commencement of work through the delivery of notices.