

Open House No. 1

North Markham Water Servicing

Monday, July 27, 2026

Angus Glen Public Library and Community Centre/Youth Room

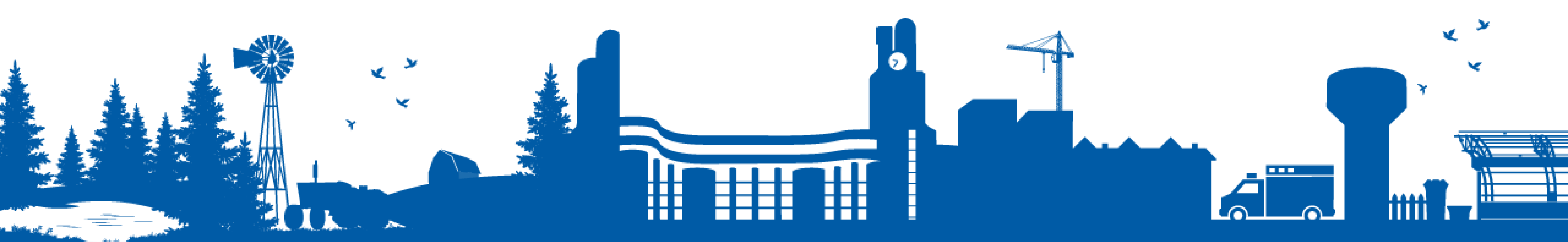
3990 Major Mackenzie Drive East, Markham, ON

6:30pm — 8:30pm



Land Acknowledgement

"We acknowledge that York Region is located on the traditional territory of many Indigenous peoples including the Anishinaabeg, Haudenosaunee, Huron-Wendat and Métis peoples and the treaty territories of the Haudenosaunee, Mississaugas of the Credit First Nation and Williams Treaties First Nations. Today this area is home to many diverse Indigenous Peoples, and we recognize their history, spirituality, culture and stewardship of this land. We also acknowledge the Chippewas of Georgina Island First Nation as our closest First Nation community."



a) What is This Study About?

Information Overview

Information about the North Markham Water Servicing is organized by the following topics:

- What is the study about
- What are the existing conditions
- What alternatives are being considered
- How will the alternatives be evaluated
- How can I provide my input

Sign-In Sheet

Please sign-in at the front desk

How Can You Provide Your Comments

By filling out the comment form and returning it to the sign-in desk

By viewing the displays and sharing your input with the project team

For More Information, Visit:

- Project webpage: york.ca/NorthMarkhamWater
- Project contact York Region Contact Centre (accessyork@york.ca)

Thank you for attending

b) What is This Study About?

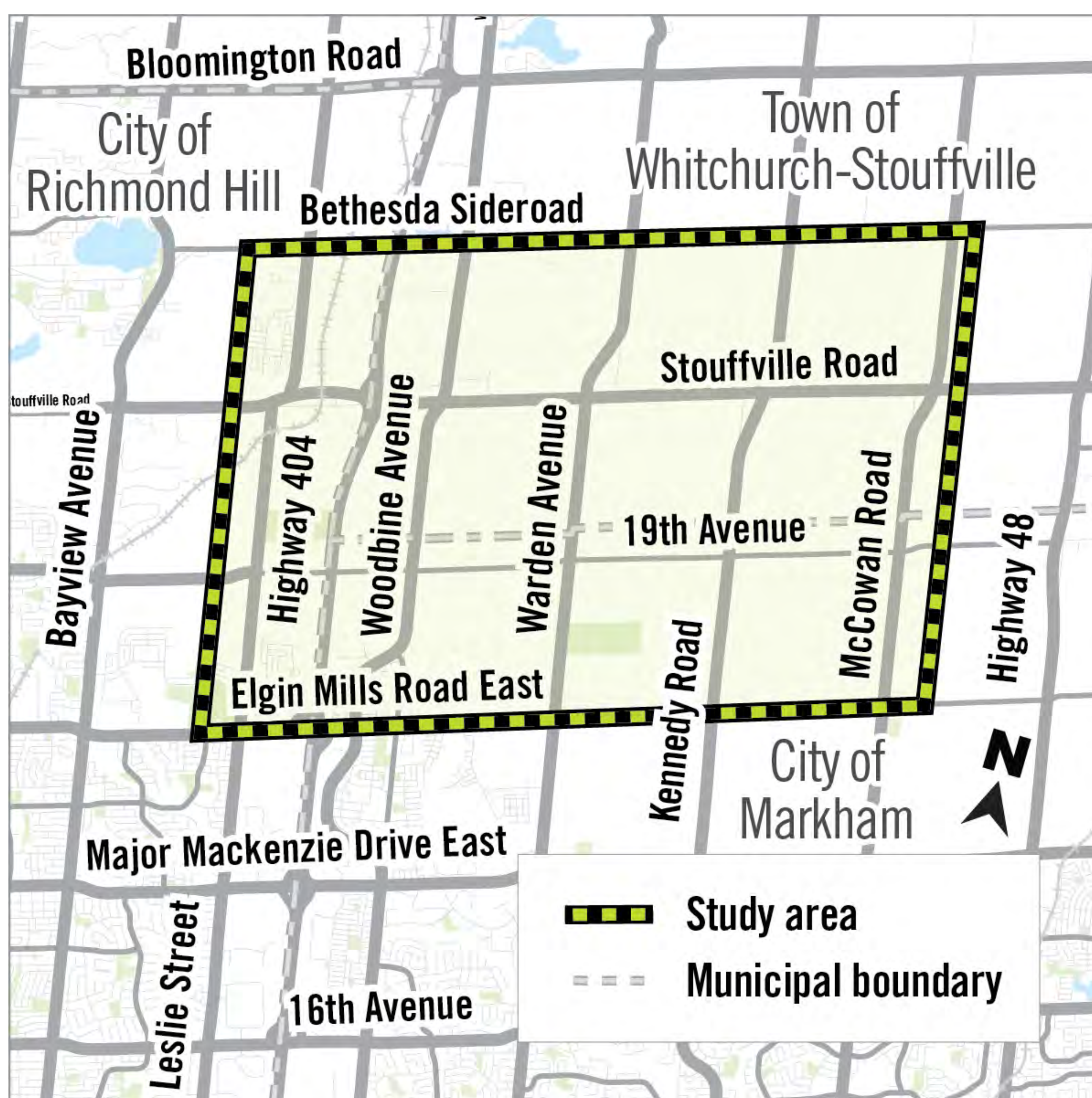
York Region is conducting a Municipal Class Environmental Assessment (Class EA) Study – Schedule B to explore drinking water infrastructure within Pressure District 7 servicing needs for the current and future lands in Markham and Stouffville.

The study purpose is to ensure reliable water servicing is provided for the current and future residents, businesses and involves:

- Assessing the conveyance, storage, and flows needs of the Study Area
- Identifying and evaluating storage and pumping station locations
- Identifying and evaluating alternative servicing solutions
- Identifying recommended solutions

Public input is an important part of the Class EA Study. This Open House is will share information about the project and to collect your comments on the following:

- Environmental Assessment Study Process
- Drinking water infrastructure and servicing needs for the community

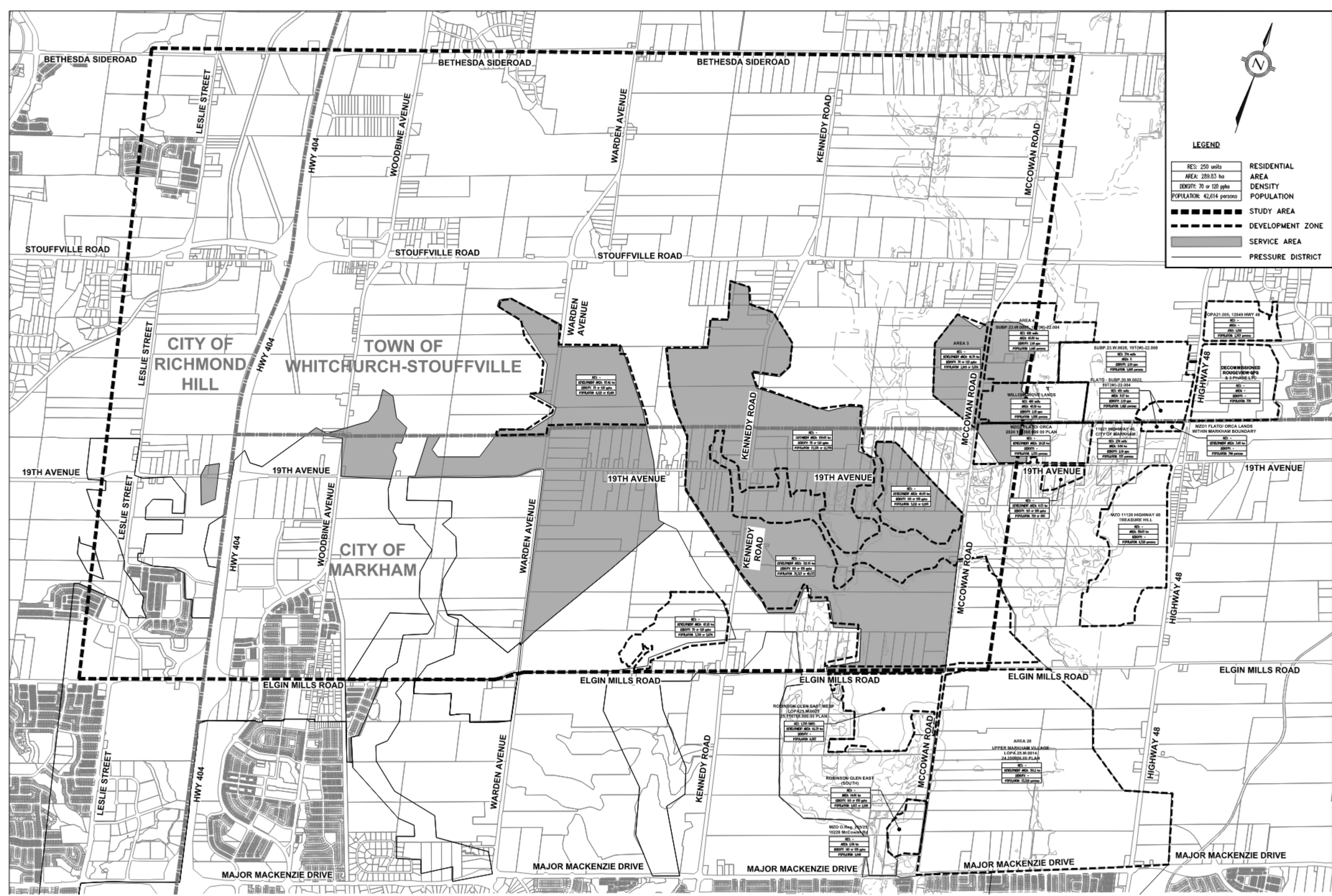


c) What is This Study About?

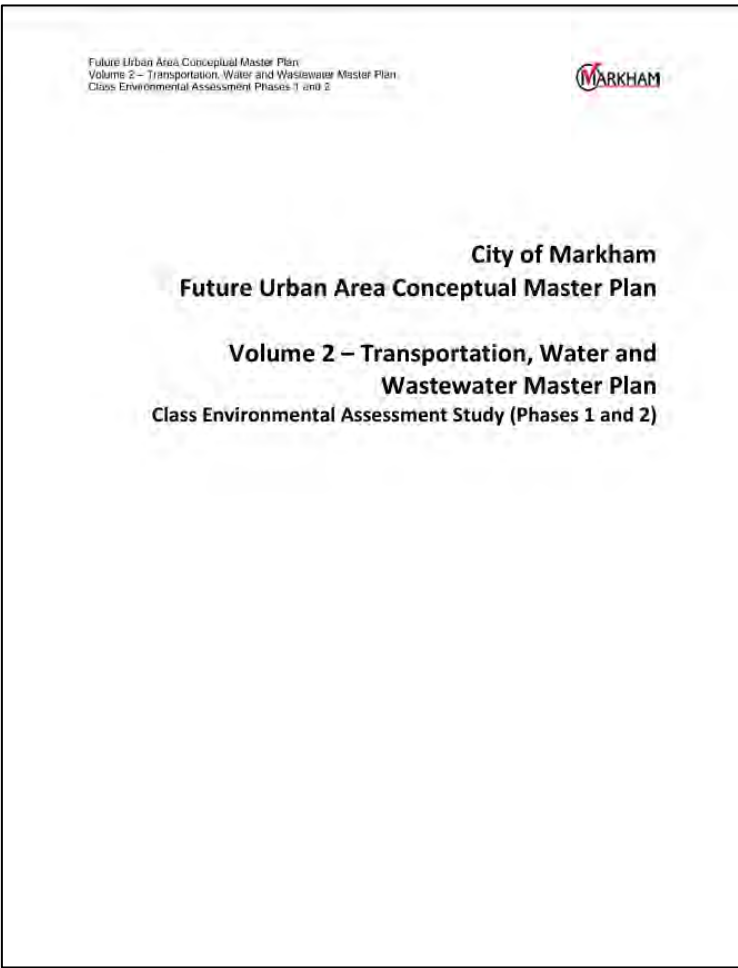
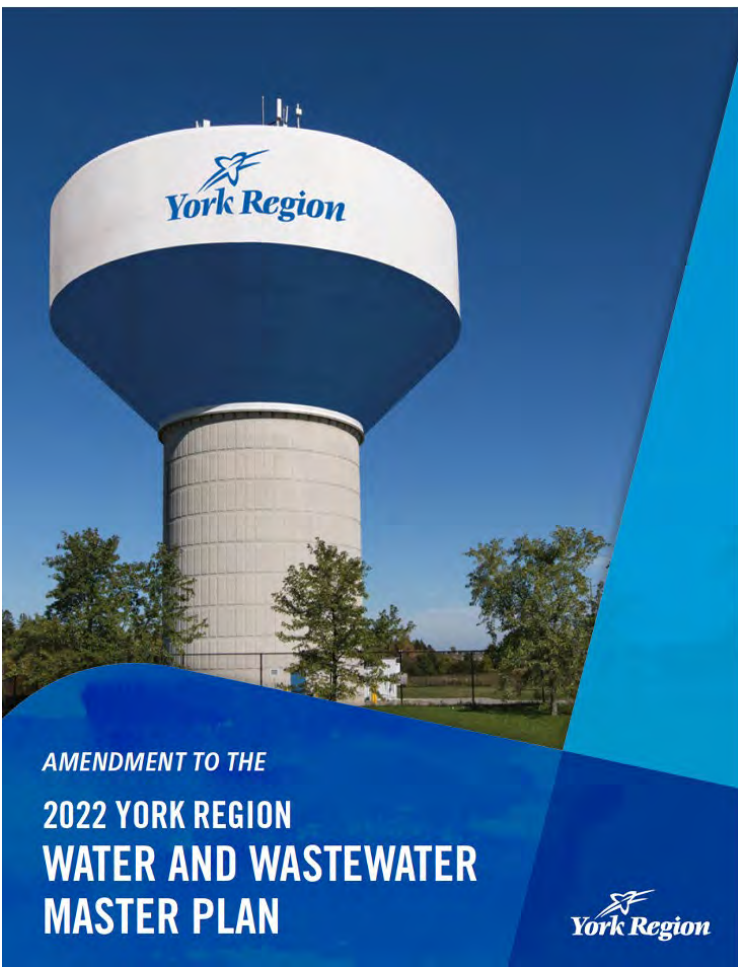
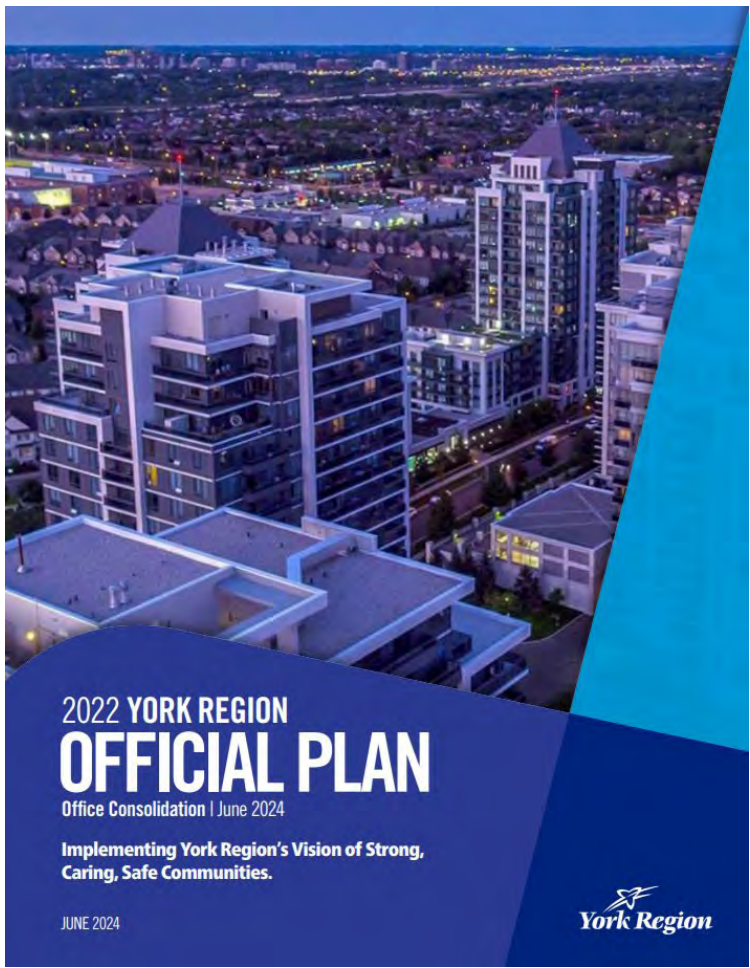
Forecasted Population within Study Area

As the population of the City of Markham and the Town of Whitchurch-Stouffville increases, specifically with Pressure District 7, drinking water needs will increase. The policy planning, development applications, and Ministry Zoning Orders for this area have been evaluated to establish the future population.

Study Area and Service Area



Relevant Planning Policies and Studies



d) What is This Study About?

North Markham Water Servicing Problem and Opportunity Statement

As identified in the provincial Growth Plan, Regional Proposed 2051 Forecast and Land Needs Assessment, and the Minister Zoning Order's, the City of Markham and the Town of Whitchurch-Stouffville are projected to grow significantly in population by 2051. The amendment to York Region's Water and Wastewater Plan identified extensions to the existing water infrastructure necessary to support the projected populations in this area.

It was identified that a water servicing solutions is required to support the projected populations, including improvements to the available conveyance, the storage capacity, and the system pressure. This project focuses on the water servicing solutions to support the projected population in the Study Area and achieve the following:

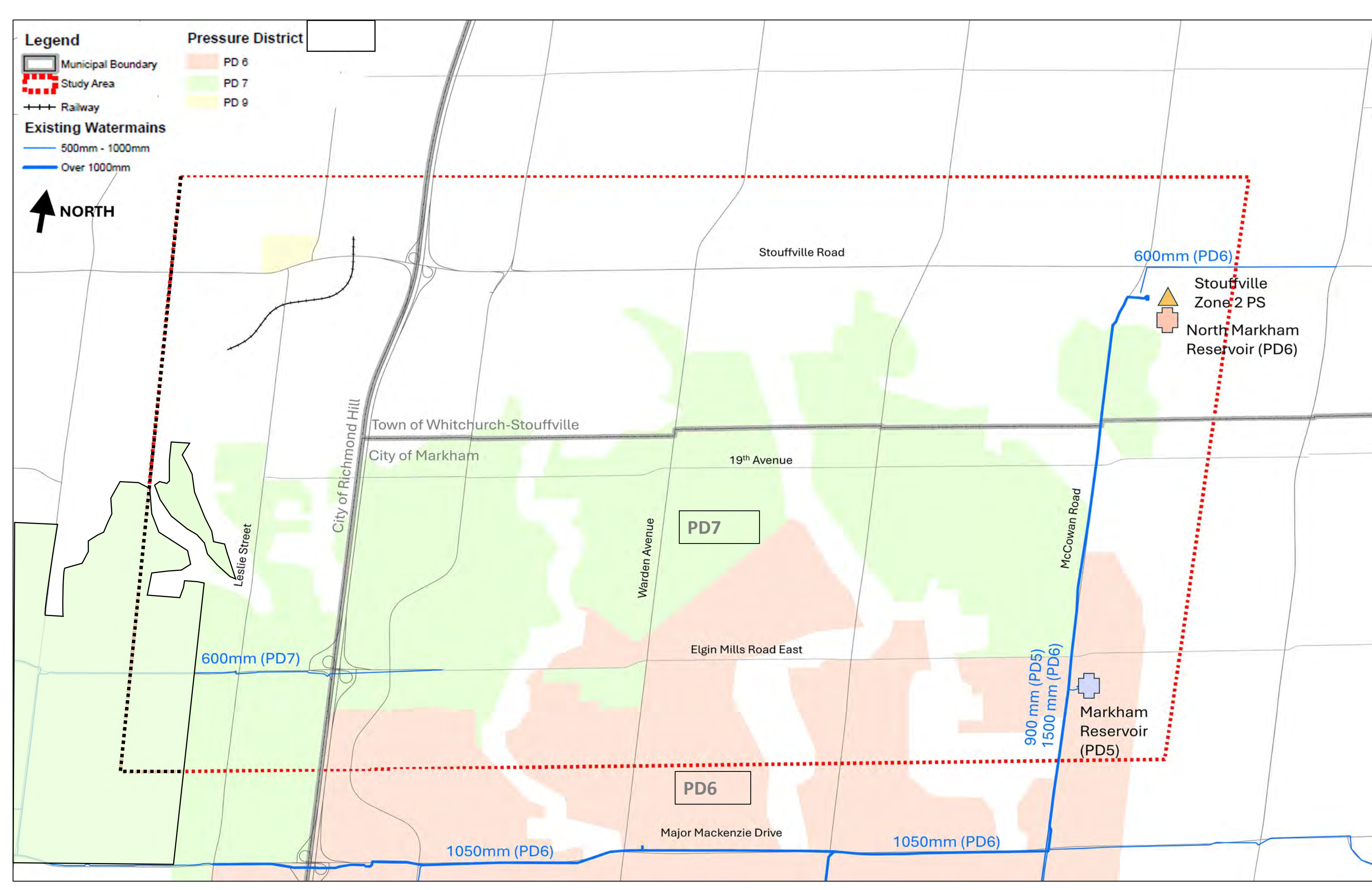
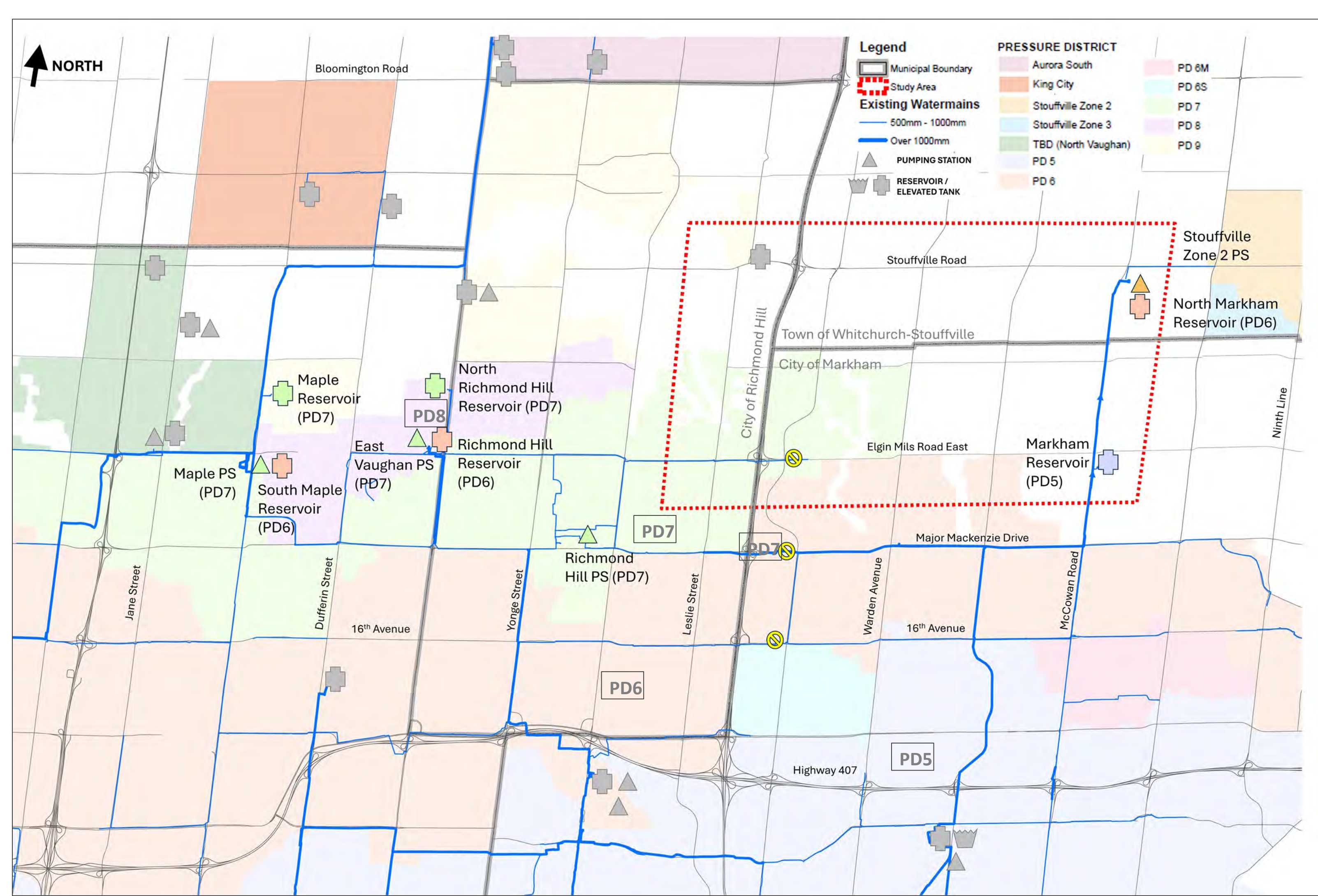
- Provide the storage and security of supply within PD7
- Provide adequate flows and pressure to the projected areas of development
- Provide the conveyance to extend the zone water infrastructure and supply

e) What is This Study About?

Existing Water System

York Region is responsible for drinking water production, treatment and storage. The existing system is divided into pressure districts that typically represents 30m of ground elevation. Each pumping station, water storage facility, and feedermain is associated with a pressure district. North Markham is within York Region Pressure District 7.

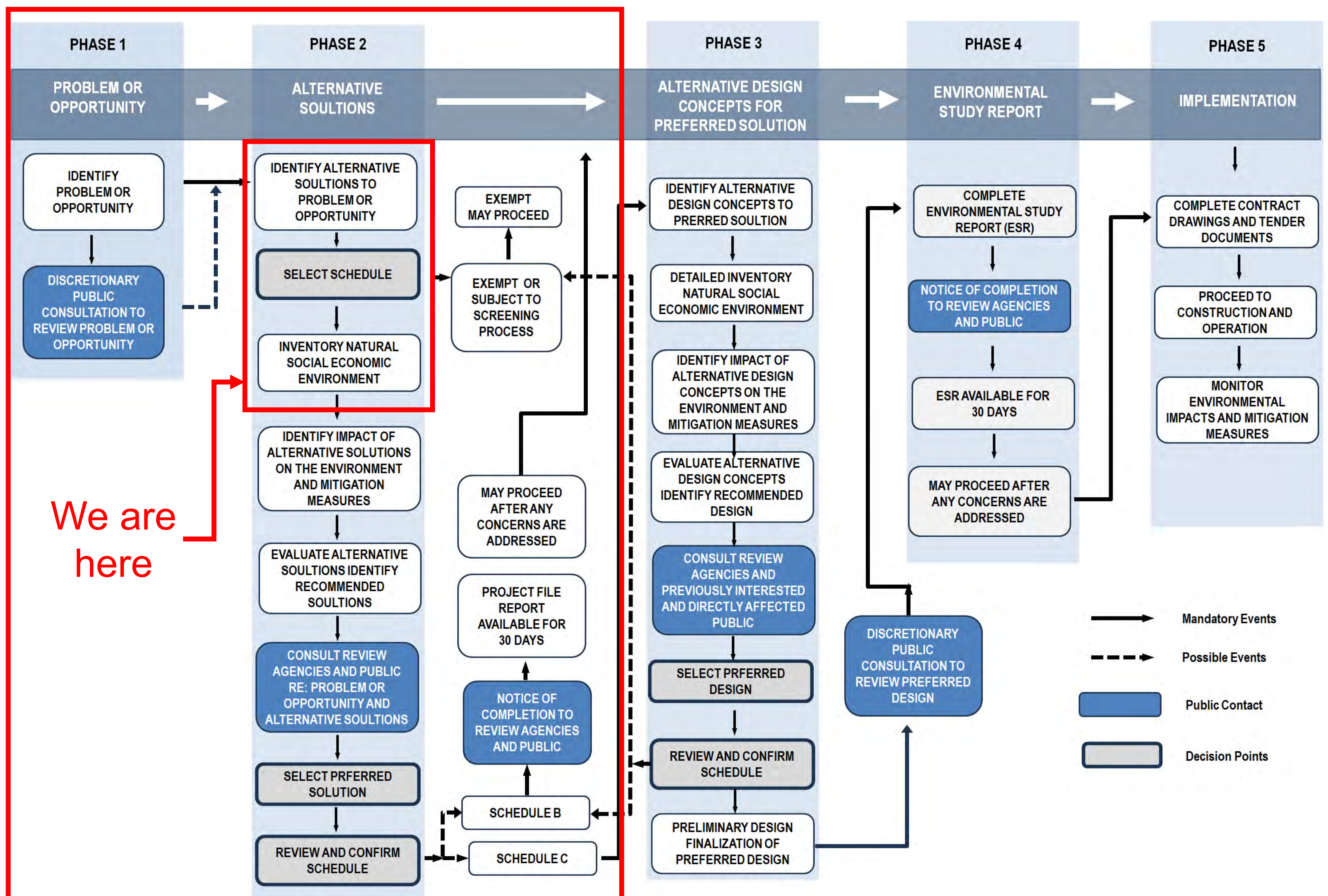
These figures identify the pressure districts and existing pumping stations, storage facilities, and feedermain near the study area.



f) What is This Study About?

Municipal Class Environmental Assessment (Class EA) Process

Scope of Environmental Assessment



Public Consultation Opportunities

- Notice of Study Commencement and Open House 1 issued July 17, 2026
- Public Open House 1 – July 27, 2026, held in the southern limits of the study area (City of Markham)
- Public Open House 2 – Q4 2026 to be held in the northern limits of the study area (Town Whitchurch-Stouffville)
- Notice of Completion – Q1 2027

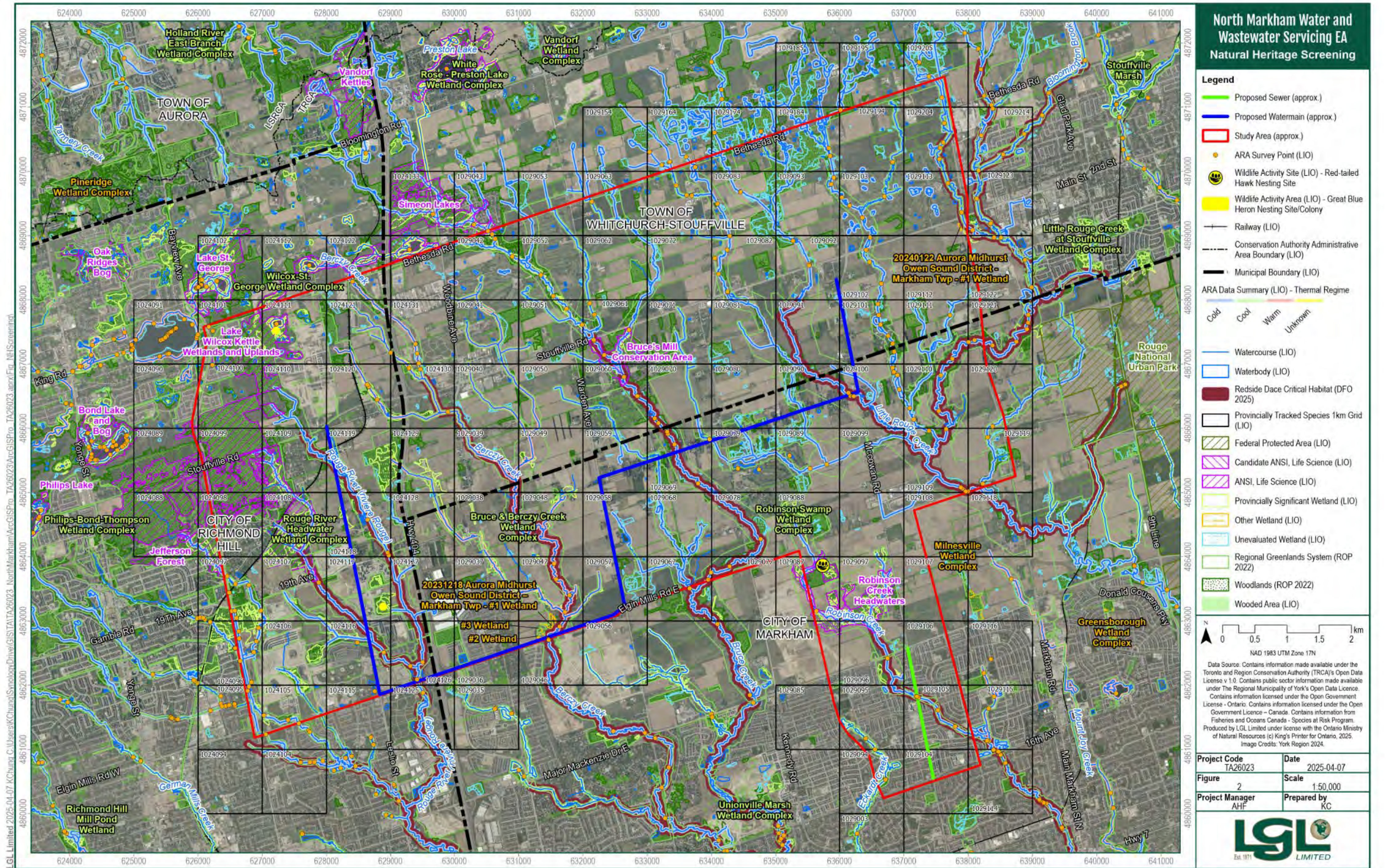
a) What are the Existing Conditions?

Natural Heritage Features

The project area includes existing and planned urban development zones and crosses several natural features including regulated watercourses, valleylands, and candidate natural heritage features.

Key natural heritage features include the following:

- Watercourses, including Rouge River, Berczy Creek, Bruce Creek, Robinson Creek, Eckardt Creek, Little Rouge
- Several Provincially Significant Wetlands (PSWs) including the Bruce & Berczy Creek, Robinson Swamp, Rouge River Headwater, and Wilcox-St. Wetland Complexes.
- Redside Dace Habitat



b) What are the Existing Conditions?

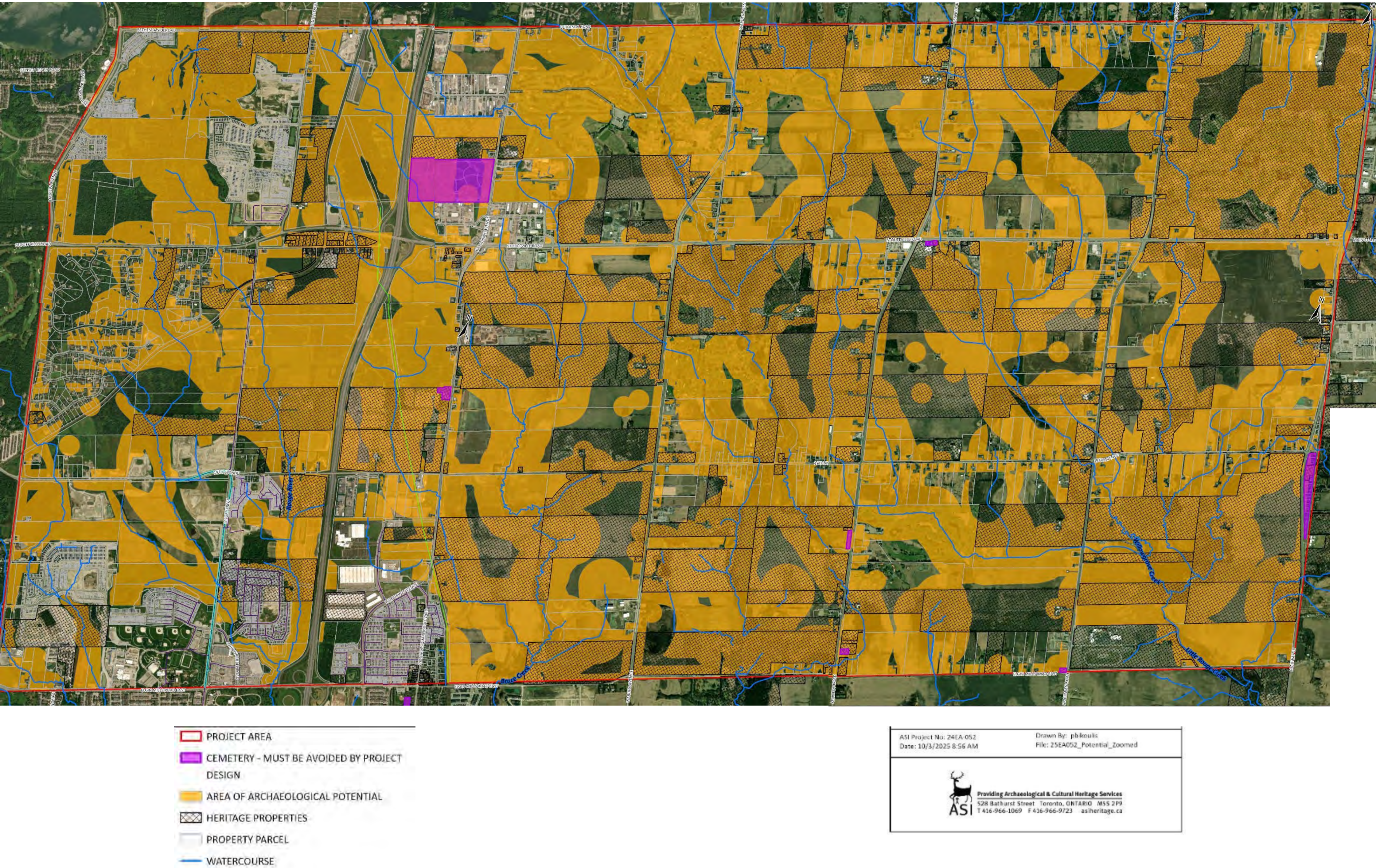
Archaeological Conditions:

The draft Stage 1 Archaeological Assessment has been undertaken.

The report and following figure highlight areas of archaeological potential within the project area based on the York Archaeological Management Plan (AMP) and previously registered archaeological site information provided by the Ministry of Citizenship and Multiculturalism (MCM) in 2025.

Areas identified within the Project Area exhibiting archaeological potential require Stage 2 property survey, if impacted by any proposed construction.

Baseline Conditions – Project Area Archaeological Potential



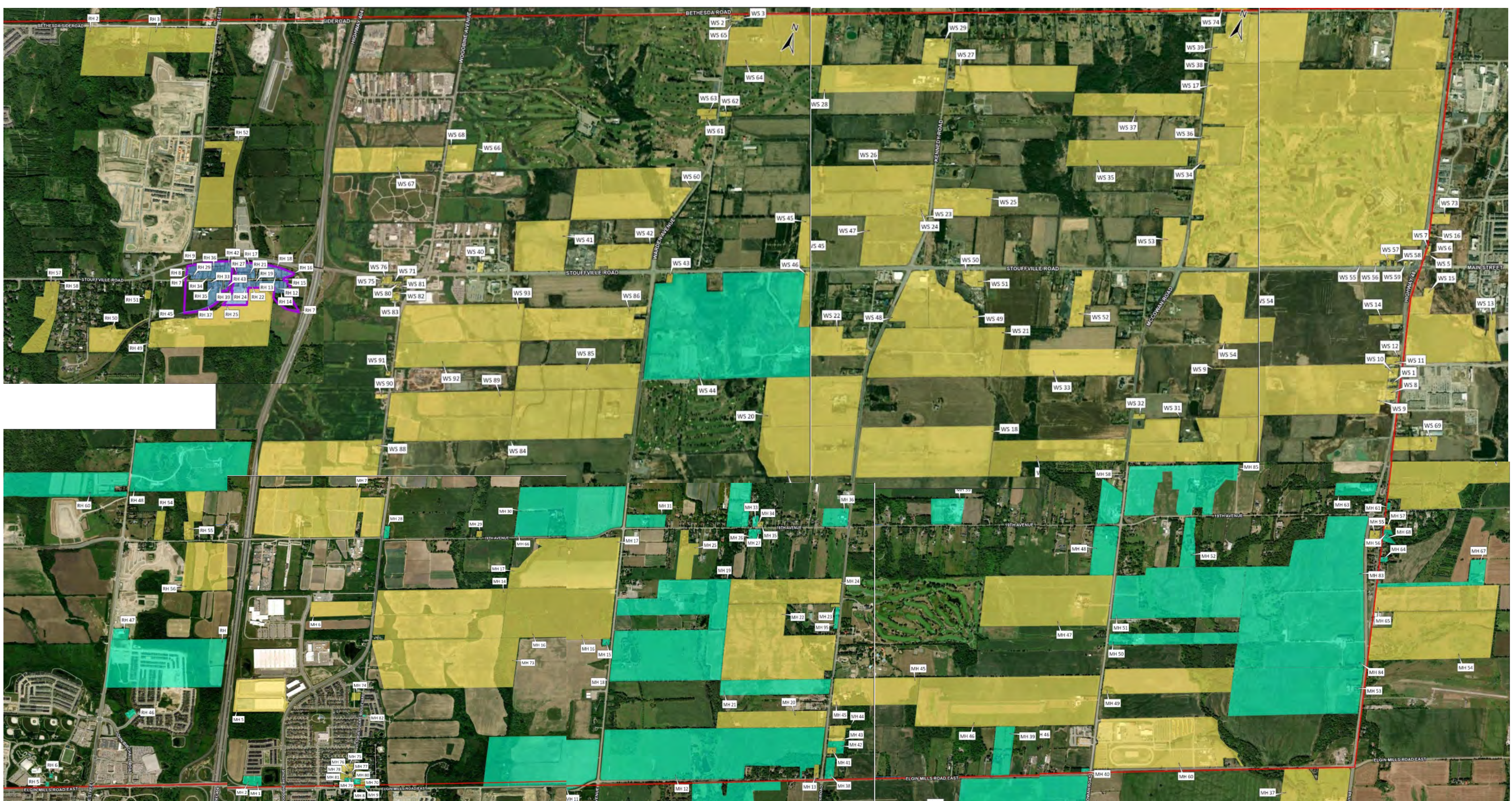
c) What are the Existing Conditions?

Cultural Heritage Conditions

The study area contains the following 240 properties and features with known cultural heritage value or interest (C.H.V.I):

- 46 properties Listed on the Markham Register of Properties of Cultural Heritage Value or Interest (City of Markham, 2025);
- 11 properties Listed on the Richmond Hill Register of Properties of Cultural Heritage Value or Interest (City of Richmond Hill, 2025);
- 92 properties Listed on the Whitchurch-Stouffville Register of Properties of Cultural Heritage Value or Interest (Town of Whitchurch-Stouffville, 2024);
- 52 properties Designated Part IV under the Ontario Heritage Act (O.H.A.);
 - Of the 52 Part IV Designated properties, two are listed on the Ontario Heritage Trust's Places of Worship Inventory (Ontario Heritage Trust, n.d.c): 11248 Kennedy Road and 10762 McCowan Road.
- 39 properties Designated Part V under the Ontario Heritage Act, all of which are within the Gormley Heritage Conservation District (H.C.D.) in the City of Richmond Hill;

Locations of Known, Previously-Identified Properties with C.H.V.I.



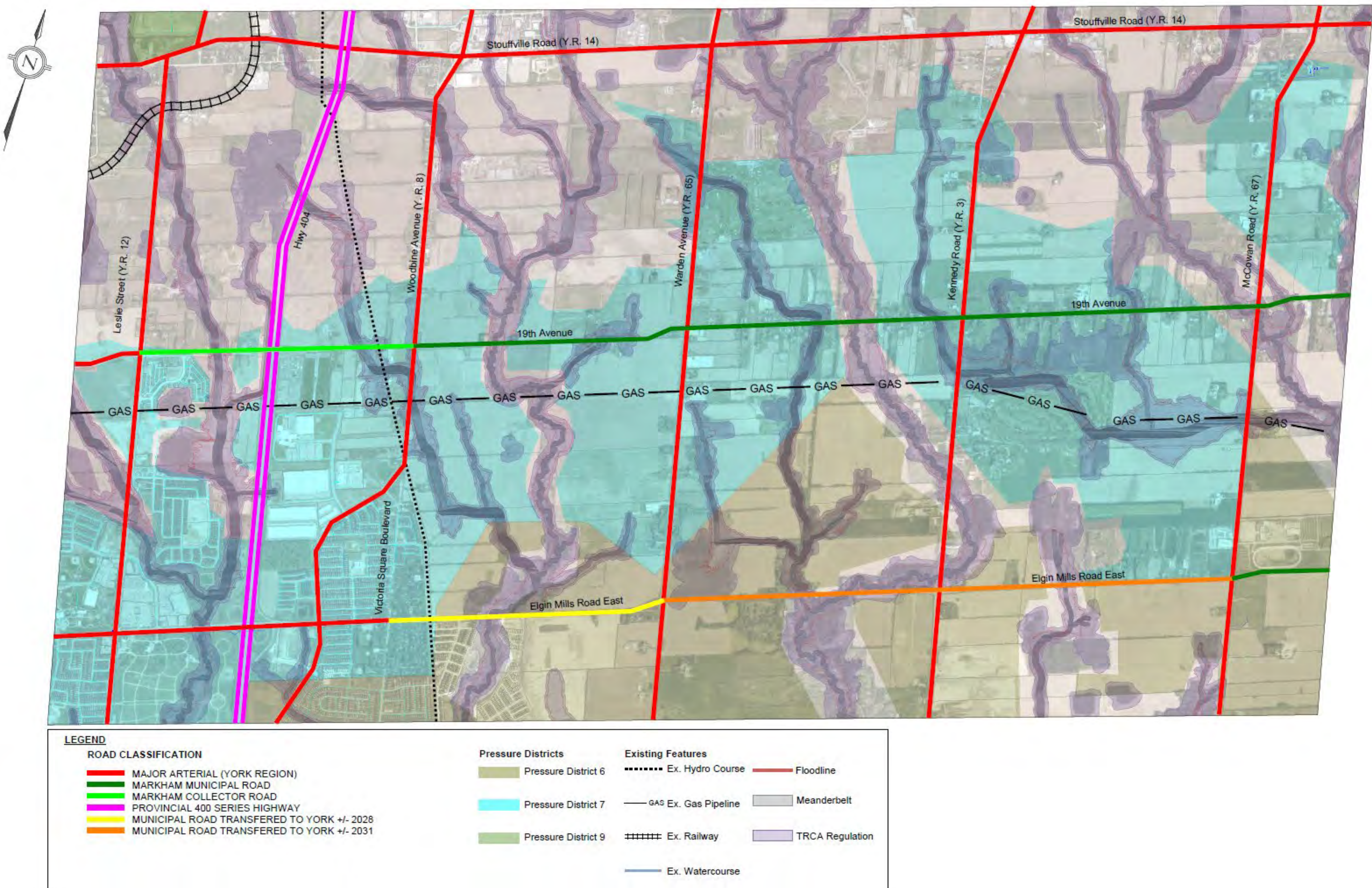
d) What are the Existing Conditions ?

York Region Roads

The existing road network and the infrastructure within the study area consist of York Region major arterial roads and City of Markham municipal roads.

The following figure identifies the existing and future Regional road networks.

North Markham Road Network and Drinking Water Pressure Districts

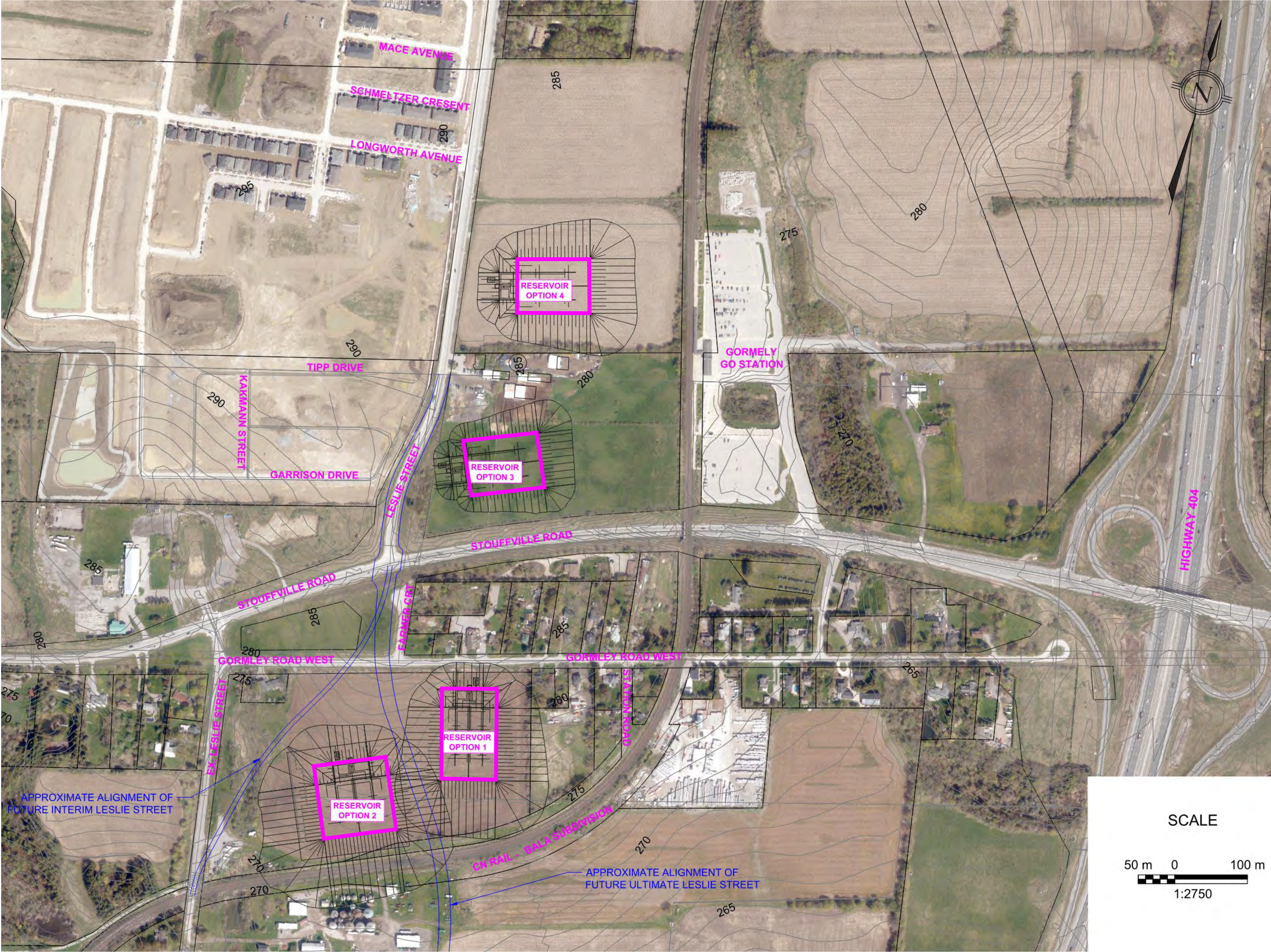


a) What Alternatives are Being Considered?

PD7 Reservoir Alternative Solutions

The existing PD7 reservoirs include North Maple Reservoir and north Richmond Hill Reservoir. The top water level (TWL) for PD7 is 294m +/- and the low water level (LWL) is 287.5m +/-

The HWL and LWL is a key consideration for the location of a new PD7 reservoir. Four potential locations are shown in the figure below.



b) What Alternatives are Being Considered?

PD7 Pumping Station Alternative Solutions

PD7 pumping station will be connected to the existing PD6 system.

Key considerations include the following:

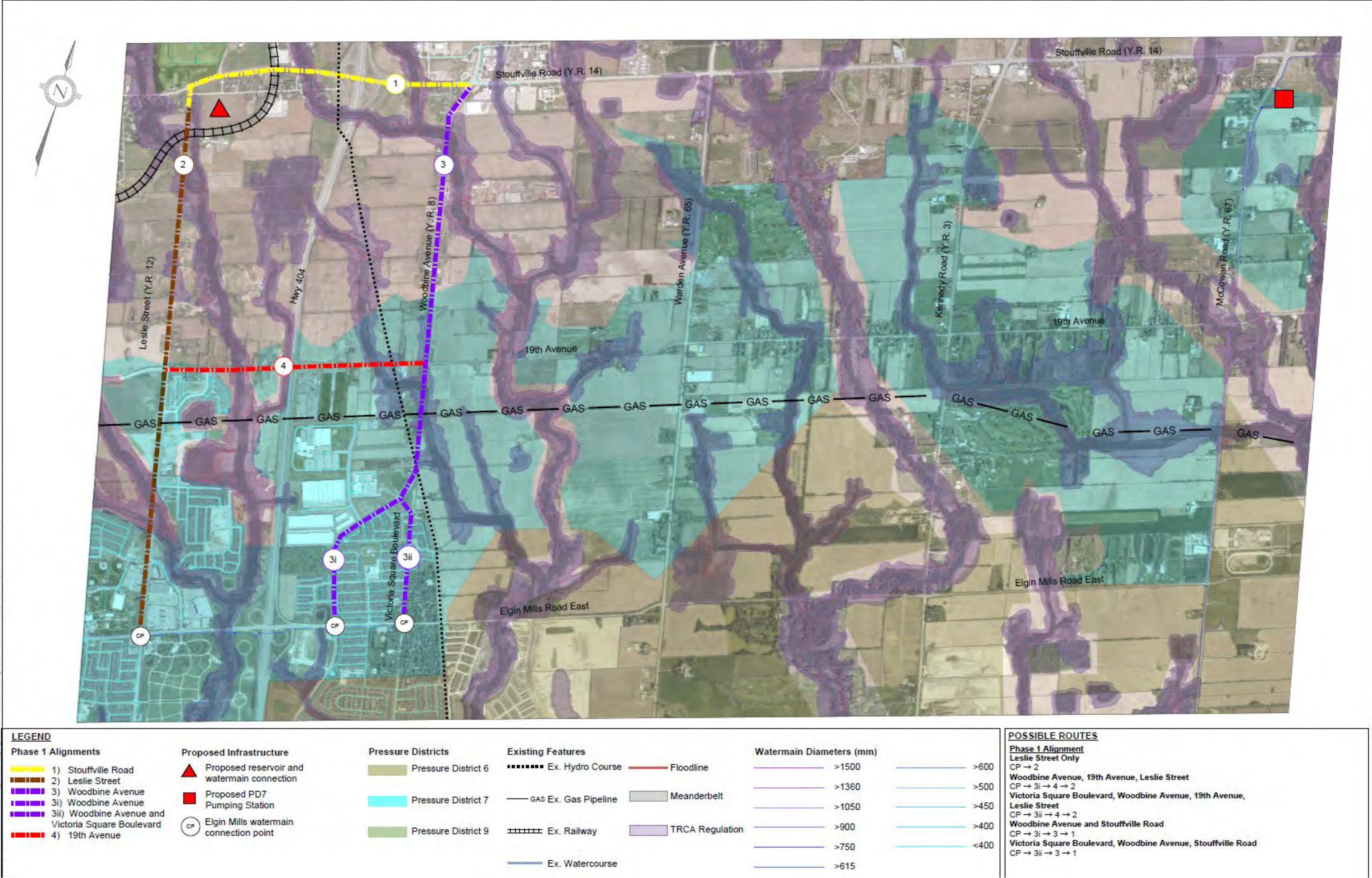
- connection to the existing PD6 reservoir,
- locating the pumping station with Region owned lands.

Two potential locations are shown in the figure below.

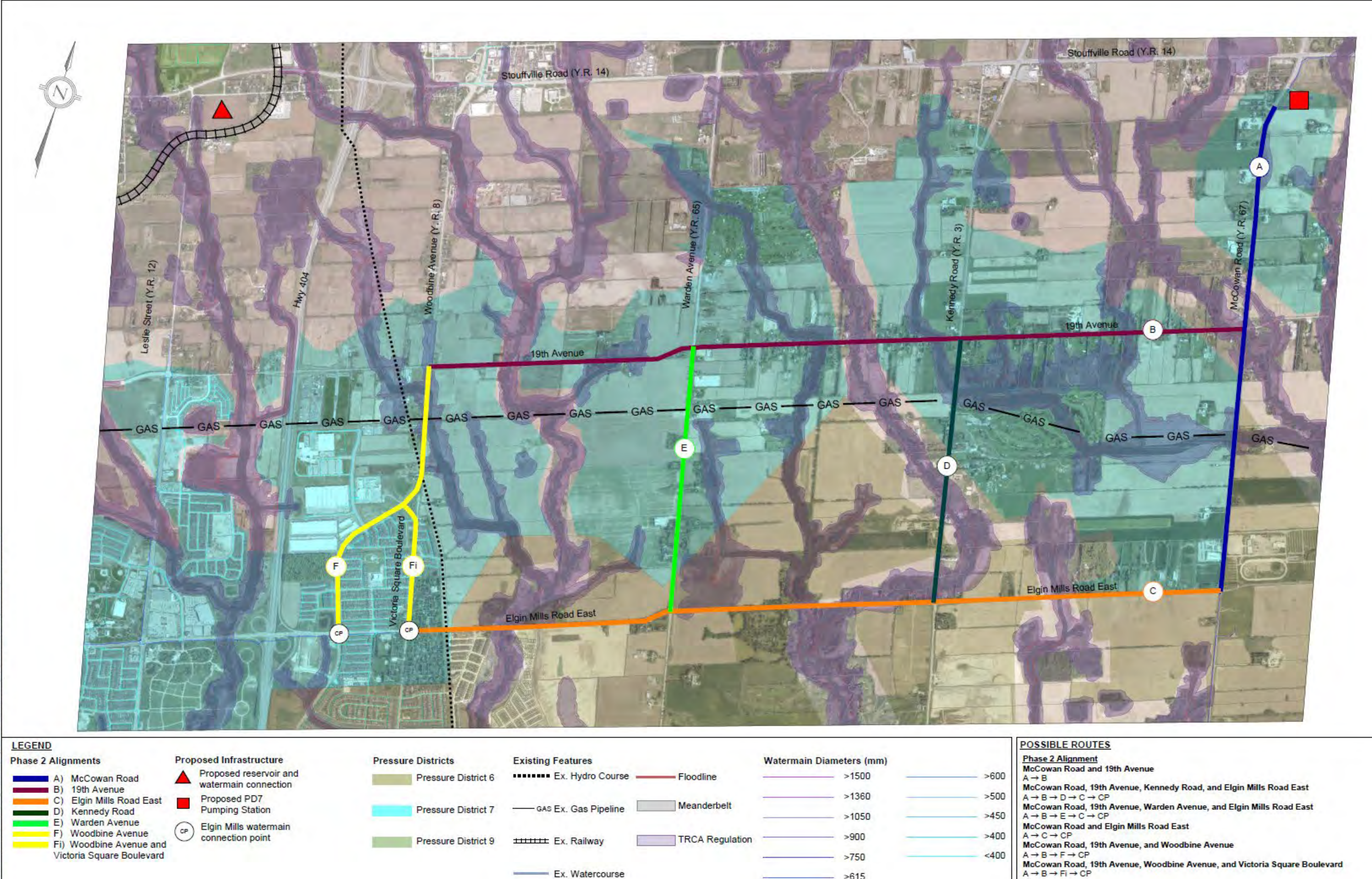


c) What Alternatives are Being Considered?

Phase 1 Watermain Routes



Phase 2 Watermain Routes



How Will Alternatives Be Evaluated

Evaluation criteria and indicators will be used to evaluate the effects of the project and to select recommended alternatives solutions for the North Markham Water Servicing.

Alternative servicing solutions will be evaluated with respect to the following:



Technical and Operational (i.e., reliability and redundancy, construction staging, etc.),



Socio-Cultural Environment (i.e., land use, property impacts, noise, heritage, etc.),



Natural environment (i.e., woodlots, rivers, wetlands, wildlife, birds, vegetation, etc.),



Financial (i.e., cost: capital, operating, maintenance, etc.).

These criteria are important because they will be used to evaluate the short-list alternatives to determine any impacts that will then inform the recommended alternative.

What Are the Next Steps



Evaluate Alternatives



Identify recommended alternative for the North Markham Water Servicing



Hold Open House 2 to present results of evaluation and recommended alternative solutions for public input



Refine recommended alternative

For More Information, visit:

- Project webpage: york.ca/NorthMarkhamWater
- Project contact: York Region Contact Centre (accessyork@york.ca)

Please leave your completed comment form at the sign-in desk.