Welcome to Public Information Centre # 1

East Brampton Wastewater Capacity Improvement Class Environmental Assessment

1

Please Sign in.

Meeting is in “Drop-in” format.

2

Review Display Materials

Project team members will be pleased to discuss the study.

3

Complete a Comment Sheet

Drop off your completed Comment Sheet in the box or return it by July 9, 2025.

Peel Region

EAST BRAMPTON WASTEWATER CAPACITY IMPROVEMENT

Schedule B Class Environmental Assessment

Public Information Centre #1

June 18, 2025

Why Are We Here?

Peel Region is undertaking a **Municipal Class Environmental Assessment (Class EA) Study** to identify the preferred solution to increase wastewater collection capacity in East Brampton.

The objectives of this **Public Information Centre #1** are to:

Introduce the project and provide background information

Present the proposed decision-making process and options recommended for further investigation in the study

Provide an opportunity for the public to review project information and provide input to the Project Team

Peel Region wants to understand what is important to you. In that way, project alternatives can be identified and evaluated with your priorities in mind.

The purpose of this Public Information Centre is to tell you about the project and the process being followed to find the preferred solution.

We also would like you to get involved – please provide your input. Tell us your priorities, what we should avoid, and what we should consider when evaluating solutions.

Project Need/Problem Statement

Peel Region is faced with three challenges:

1. The population of the City of Brampton and the Town of Caledon are expected to grow significantly by 2051.
2. Existing sewer pipes and the McVean Sewage Pumping Station (SPS) in East Brampton will not have capacity to accommodate this growth.
3. The Region's long-term Master Plan recommends balancing flows between the G.E. Booth and the Clarkson Water Resource Recovery Facilities.

Therefore, sanitary trunk sewer improvements are required to ensure reliable service, support sustainable development, and align with Regional planning objectives.

This study will review alternatives for a new sanitary trunk sewer in East Brampton to:

- Capture wastewater generated by existing and future development in East Brampton and the south of Caledon.
- Service MTSAs within Brampton where significant development is planned to occur.

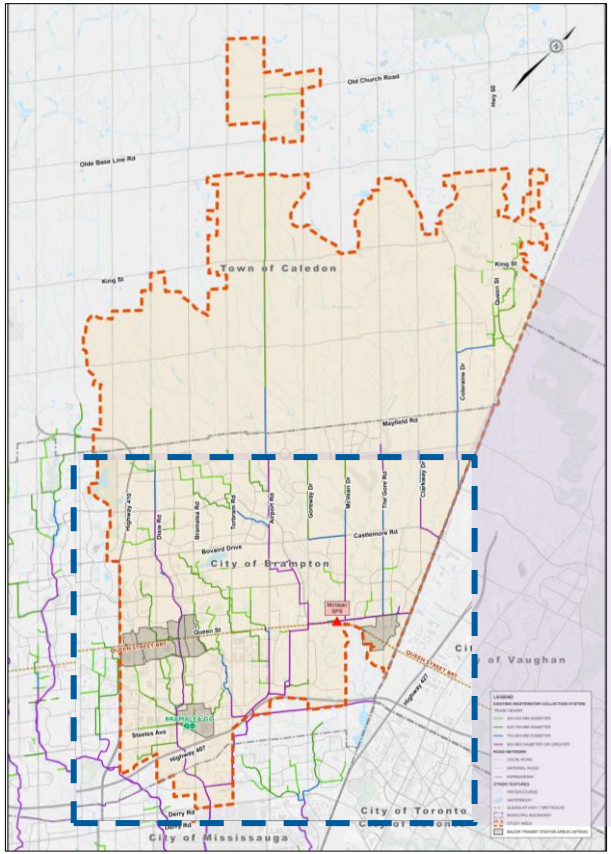
Wastewater collected by the new sanitary trunk sewer will discharge to the East-West Diversion Chamber, which will convey flow for treatment at one of the Region's Water Resource Recovery Facilities (WRRFs).

This project is needed for the Region to meet the growth targets from Bill 23 (the "More Homes Built Faster" Act) and Ontario's Housing Supply Action Plan.

Clarkson Water Resource Recovery Facility

G.E. Booth Water Resource Recovery Facility

Study Area



Area where Infrastructure will be Sited

Project Background and Prior Studies

2020

Region of Peel 2020 Master Plan - McVean SPS Feasibility Study
GM BluePlan, 2020

Highlighted capacity challenges at the McVean SPS and proposed alternatives for diverting flows away from the SPS.

2022

Post-2041 Growth and Impacts on Water and Wastewater Servicing
GM BluePlan, 2022

Recommended construction of trunk sewers along Bramalea Road from Steeles Avenue to Torbram Road, and along Airport Road from Torbram Road to Drew Road to increase sewer system capacity.

2024

Water & Wastewater Servicing Report, MTSA Lands, East of Highway 410 – Contract 2
Stantec, 2024

Identified new servicing requirements and capacity constraints relevant to Major Transit Station Areas (MTSAs) in Central Brampton, where existing sewers would not be large enough to allow planned development.

2025

East Brampton Wastewater Capacity Improvements McVean SPS Diversion Sewer Feasibility Study
CIMA+, 2025

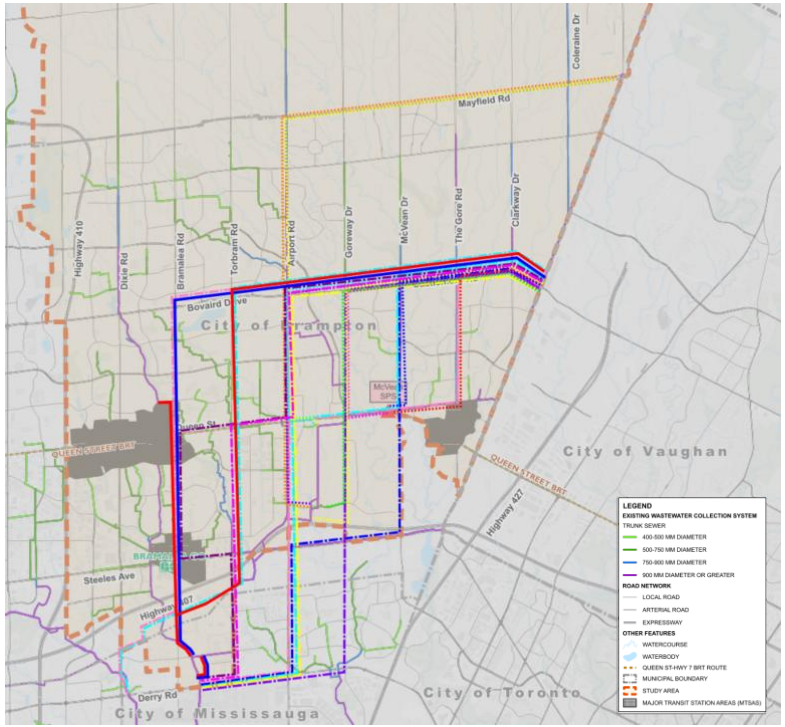
Evaluated alternatives to accommodate future growth by expanding sewer system capacity and also divert wastewater away from the McVean Sewage Pumping Station (SPS).

2024-2025 Feasibility Study

Four strategies were considered in the Feasibility Study. Only Strategy 4 met each of the three screening criteria.

Screening Criteria	Strategy 1 Do Nothing*	Strategy 2 Reduce Wastewater Generation	Strategy 3 Expand McVean SPS and Existing Trunk Sewer System	Strategy 4 New Sewers to Divert Flows from McVean SPS
Does it address the problem of limited sewer capacity?	☒	☒	☑	☑
Is it technically feasible?	☒	☒	☑	☑
Does it reduce flow to the McVean SPS?	☒	☒	☒	☑
Pass/Fail	**FAIL**	**FAIL**	**FAIL**	**PASS**

* A "Do Nothing" option is considered in all Municipal Class Environmental Assessments to demonstrate the need for the project.

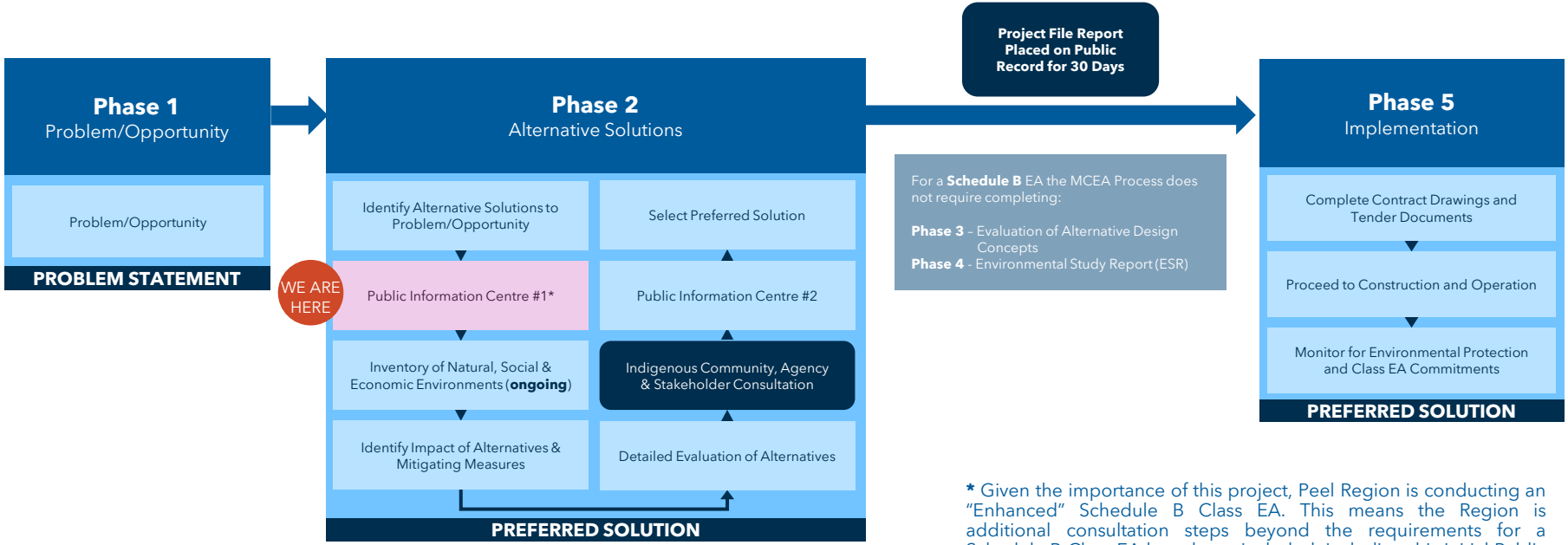


23 potential sewer alignments were considered. Only two sewer alignments met the Region's technical requirements and were short-listed. These two Alternatives will be evaluated in the Class EA.

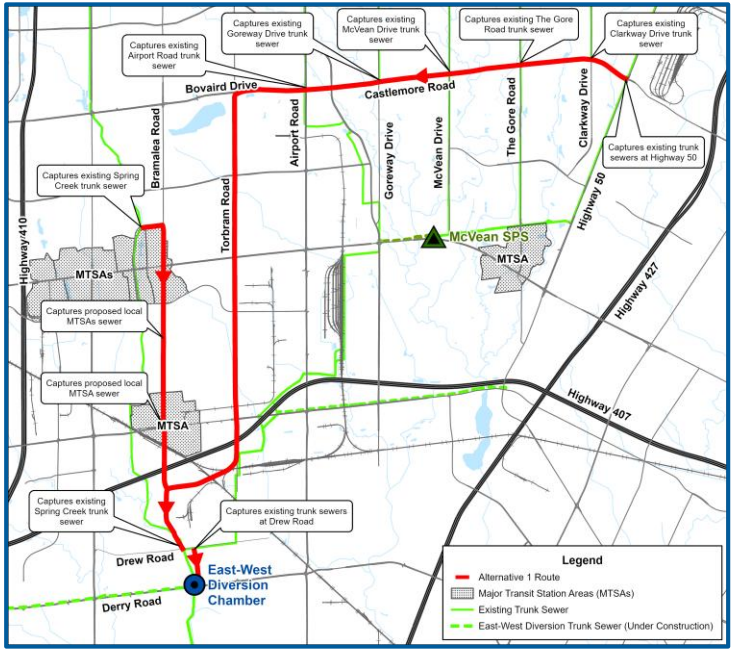
Municipal Class Environmental Assessment Process

The East Brampton Wastewater Capacity Improvement Project corresponds to a **Schedule B** undertaking, as outlined in the *Municipal Engineers Association (MEA) Municipal Class Environmental Assessment (MCEA) Document* – last amended in 2024. Therefore, the project requires completion of Phases 1 and 2 of the MEA Class EA Process.

The steps of this process are summarized below:

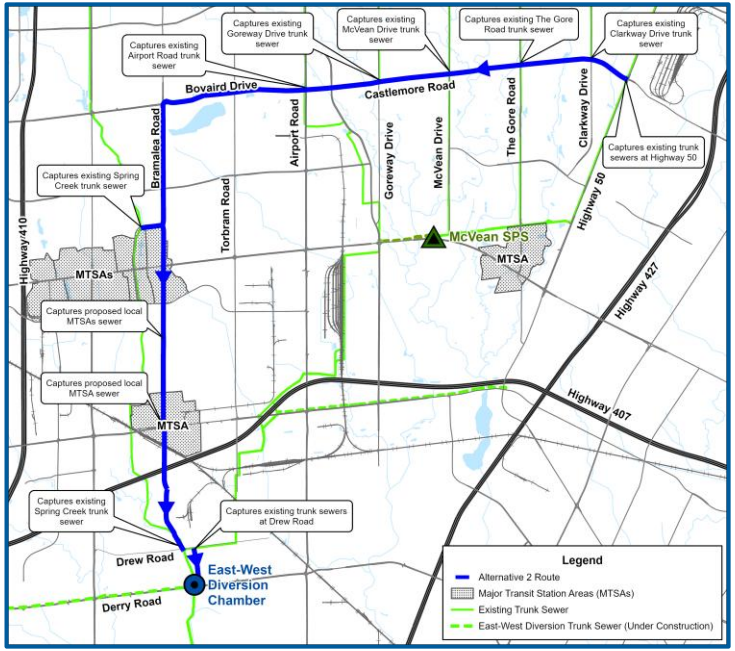


***** Given the importance of this project, Peel Region is conducting an "Enhanced" Schedule B Class EA. This means the Region is additional consultation steps beyond the requirements for a Schedule B Class EA have been included, including this initial Public Information Centre.



Alternative Sewer Alignment 1

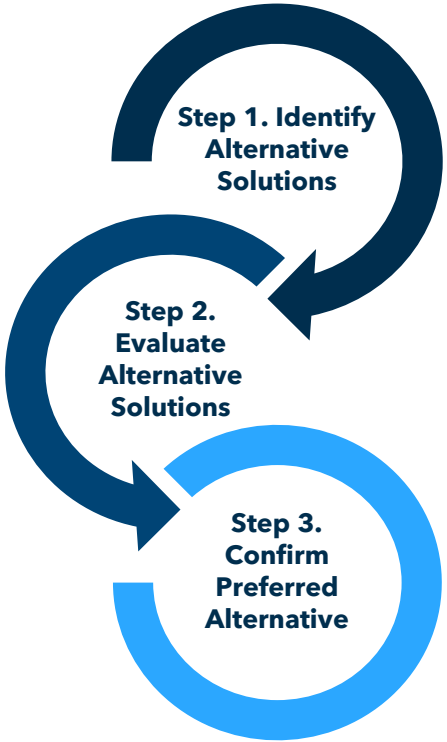
- Follows Castlemore Road/Bovaird Drive, Torbram Road, and Bramalea Road
- Total sewer length of 23.3 km (includes 5 km sewer from MTSAs along Bramalea Road)
- Captures flows from the Spring Creek trunk sewer and existing smaller trunk sewers, diverting flow from the McVean SPS to to the East-West Diversion Chamber



Alternative Sewer Alignment 2

- Follows Castlemore Road/ Bovaird Drive, and Bramalea Road
- Total sewer length of 18.5 km
- Captures flows from the Spring Creek trunk sewer and existing smaller trunk sewers, diverting flow from the McVean SPS to the East-West Diversion Chamber

Evaluation Approach



As part of the Feasibility Study completed earlier this year, several alternative solutions were identified and screened for suitability and ability to meet the Region's needs. Of these solutions, two were identified as the most suitable from a technical and financial perspective and will be evaluated in detail as part of the Class EA process.

The two short-listed Alternatives will be evaluated against criteria across several categories including:

- **Technical and Operational** (e.g., constructability, performance of the alternative)
- **Natural Environment** (e.g., impact of construction and operation on environment)
- **Socio-Cultural** (e.g., impact on residents and cultural heritage features)
- **Financial** (e.g., project construction and operating costs)

A **Preferred Alternative** will be selected through the detailed evaluation process for implementation.

Step 1 has been completed.

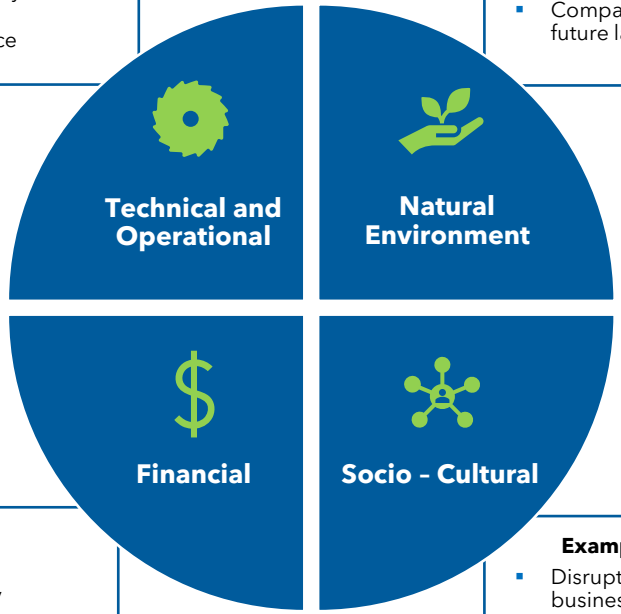
Steps 2 and 3 will be completed as part of the Class EA study and results will be presented at PIC #2.

TELL US WHAT YOU THINK

Evaluation Criteria

Example Criteria:
- Construction complexity
- Operational complexity
- Reliability and flexibility of operation
- Hydraulic performance

Example Criteria:
- Impact to natural environment during construction and during operations
- Compatibility with current and future land uses



Example Criteria:
- Capital costs
- Easement and property acquisition costs
- Operating costs
- Life cycle costs

Example Criteria:
- Disruption to residents and businesses
- Potential impact on archaeological and cultural heritage features

The evaluation criteria will be refined as part of Phase 2 of the Class EA Study.

Each alternative will be evaluated against these criteria.

TELL US WHAT YOU THINK

Construction Sequencing

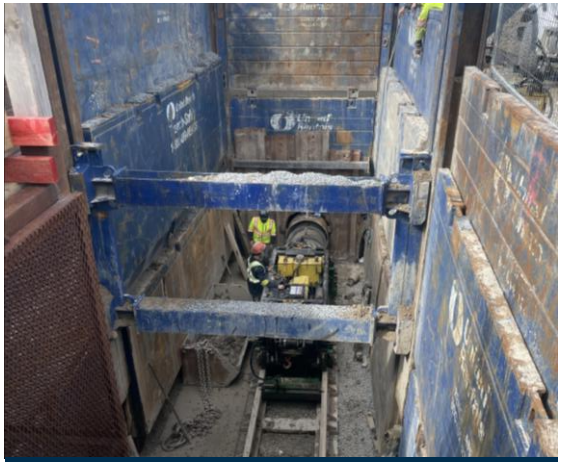
Site Preparation/ Shaft Construction — 1

Tunnel Equipment Setup — 2

Trenchless Sewer Installation — 3

Open-Cut Work and Restoration — 4

- Most of the trunk sewer will be constructed deep underground using tunnel boring machines to minimize impacts on residents and businesses.
- Temporary shafts will be constructed along the route to access the tunnel and install the sewer below the surface.
- Tunnelling operations will not be visible at surface except at shaft locations.
- A small portion of trunk sewer at the south project limit (away from residential areas and roads) is expected to be installed by open-cut construction.



Tunneling of a New Sewer

Constructed Tunnel

What Are We Doing Next?

Supporting Studies

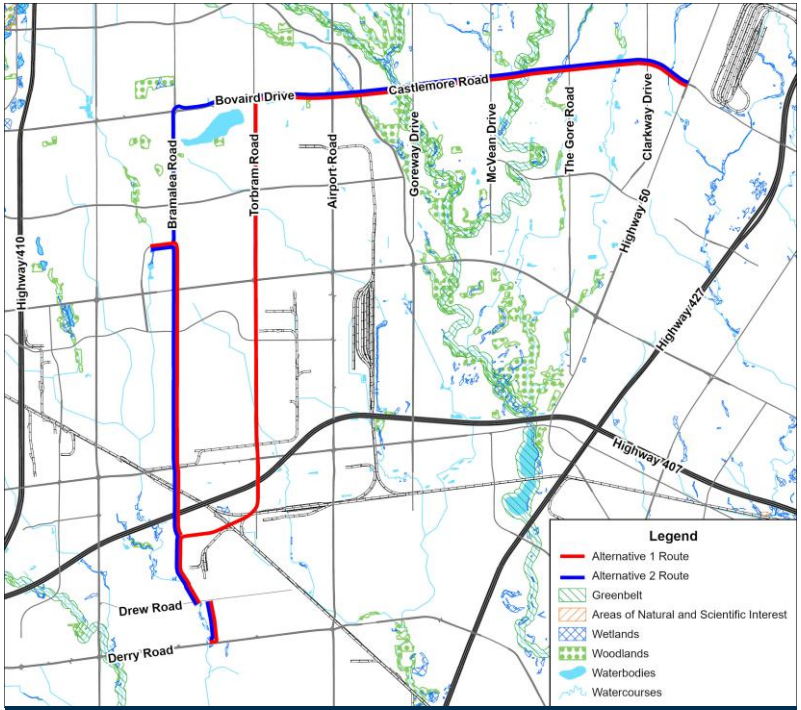
- Cultural Heritage & Archaeological Assessments
- Environmental Site Assessments
- Natural Environment Features Assessment
- Desktop Geotechnical and Hydrogeological Studies
- Traffic Impact Studies
- Hydraulic Modelling

Ongoing Consultation

We will continue to consult with agencies, community groups and indigenous communities.

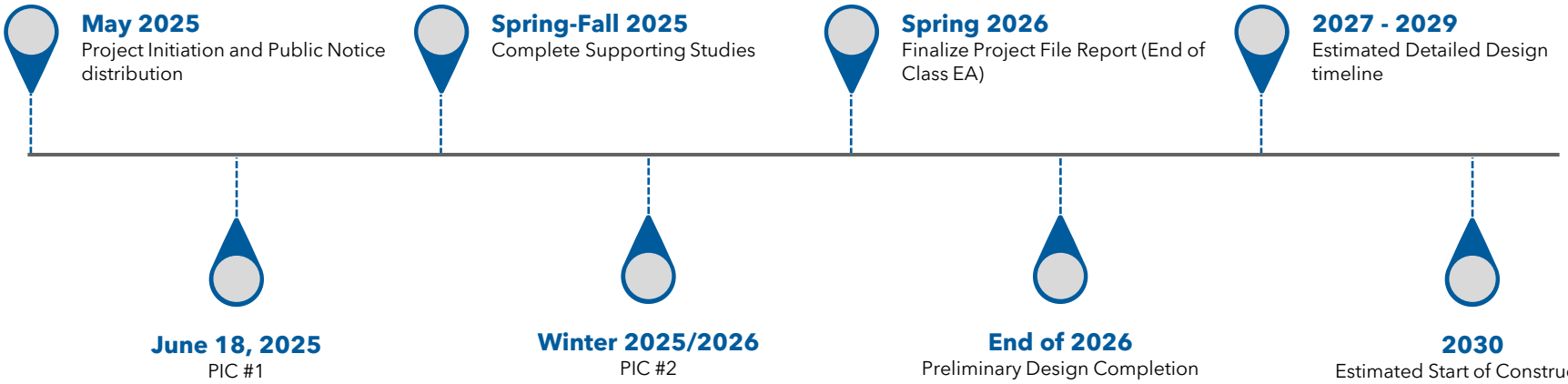
After this first PIC, the Project Team will:

1. Review and consider input received during the Public Information Centre #1.
2. Evaluate the alternatives and select the preferred solution.
3. Hold Public Information Centre #2 to present study recommendations.



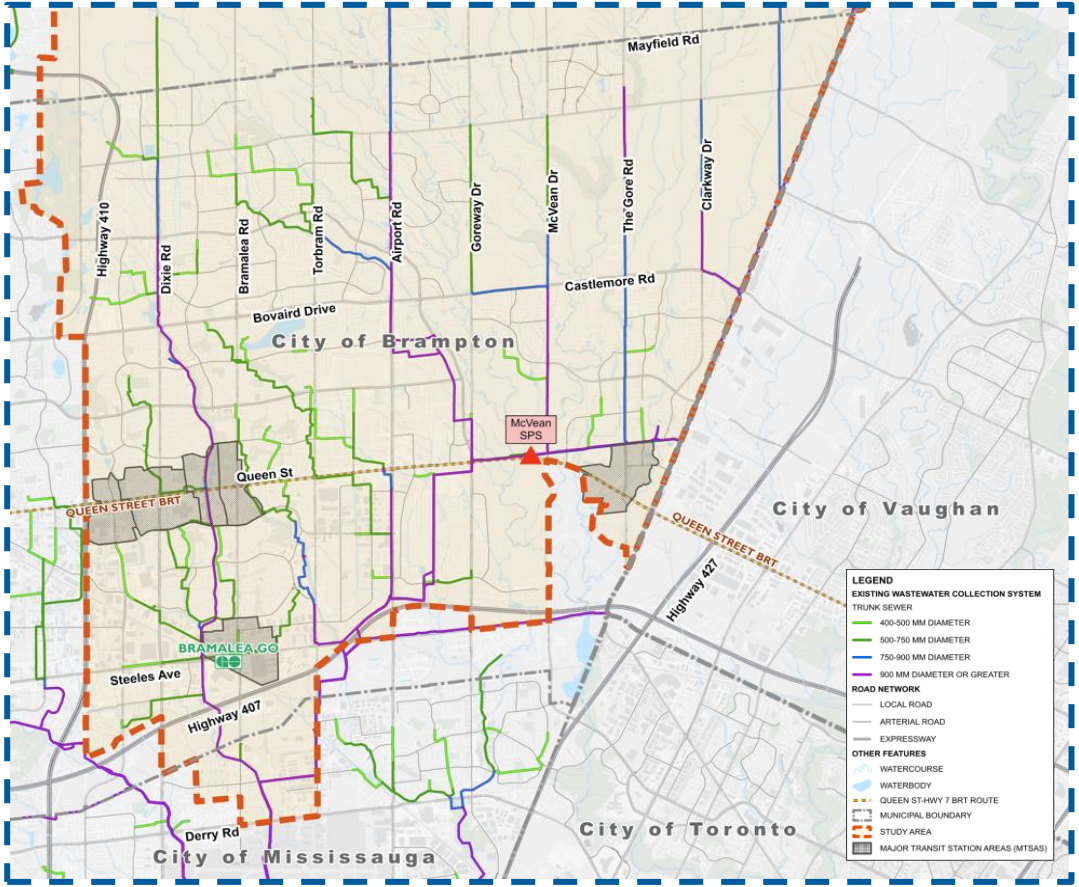
Natural Environment Features near Alternative Sewer Alignments

Project Timeline



Tell us what matters to you

Please use the numbered dots to identify a place, neighbourhood, or building, complete a Comment Sheet, and drop it in the comments box.



Area where Infrastructure will be Sited

Tell Us What You Love About East Brampton

Please provide your input using the notes, dots and Comment Sheets provided. Tell us your priorities and what we should consider when evaluating alternatives.

Feature	Is this a priority to you?	Feature	Is this a priority to you?
Nature		Commuting	
Heritage Preservation		Parking	
Parks		Businesses	
Walking/Running/Cycling			
Other – Write your comments here.			

Thank you for Participating!

Stay Involved!

Please complete a Comment Form by **Wednesday, July 9, 2025.**

Stay In Touch!

To submit your questions or comments at any time during the project, please contact:

Peel Region

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CIMA+ Engineering for people

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Stay Informed!

For more information about this project, please visit our webpage:

https://peelregion.ca/construction/environmental-assessments/east-brampton-wastewater-capacity-improvements