

Flow

Building our
future, faster.

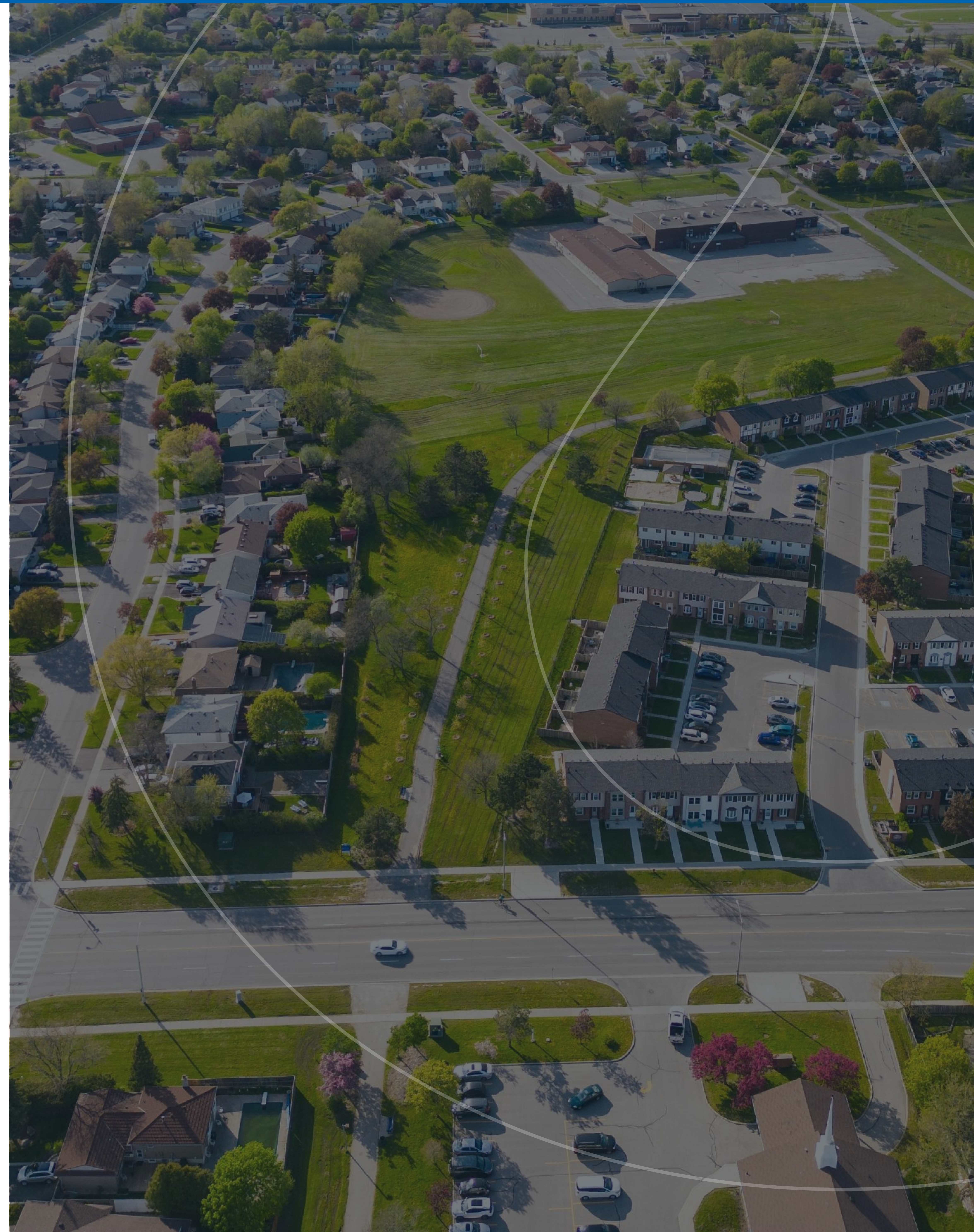
Welcome

**Downtown Brampton Water
and Wastewater Capacity
Improvements Project**

Public Information Centre #1

March 25, 2026

Central Brampton



Public Information Centre #1

overview

1. Flow | Central Brampton Program overview
2. Project background and the Environmental Assessment (EA) process
3. Study area information collected to-date
4. Supporting studies to be completed in Phase 2 of the EA
5. New sanitary sewer locations
6. Alternative watermain routes being evaluated
7. Proposed evaluation criteria for the alternatives
8. Project coordination and collaboration
9. Project progress and next steps
10. How to stay connected and get involved

What is Flow | Central Brampton?

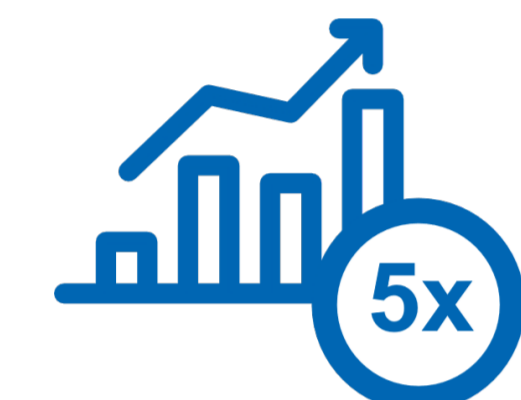
Flow
Building our
future, faster.



Flow | Central Brampton is a program designed to build more water and wastewater infrastructure projects, faster, throughout Brampton.



The Province plans to build 1.5 million more homes in Ontario over the next decade—with 113,000 in Brampton.



These provincial housing targets have drastically increased the demand for water, wastewater and road infrastructure.

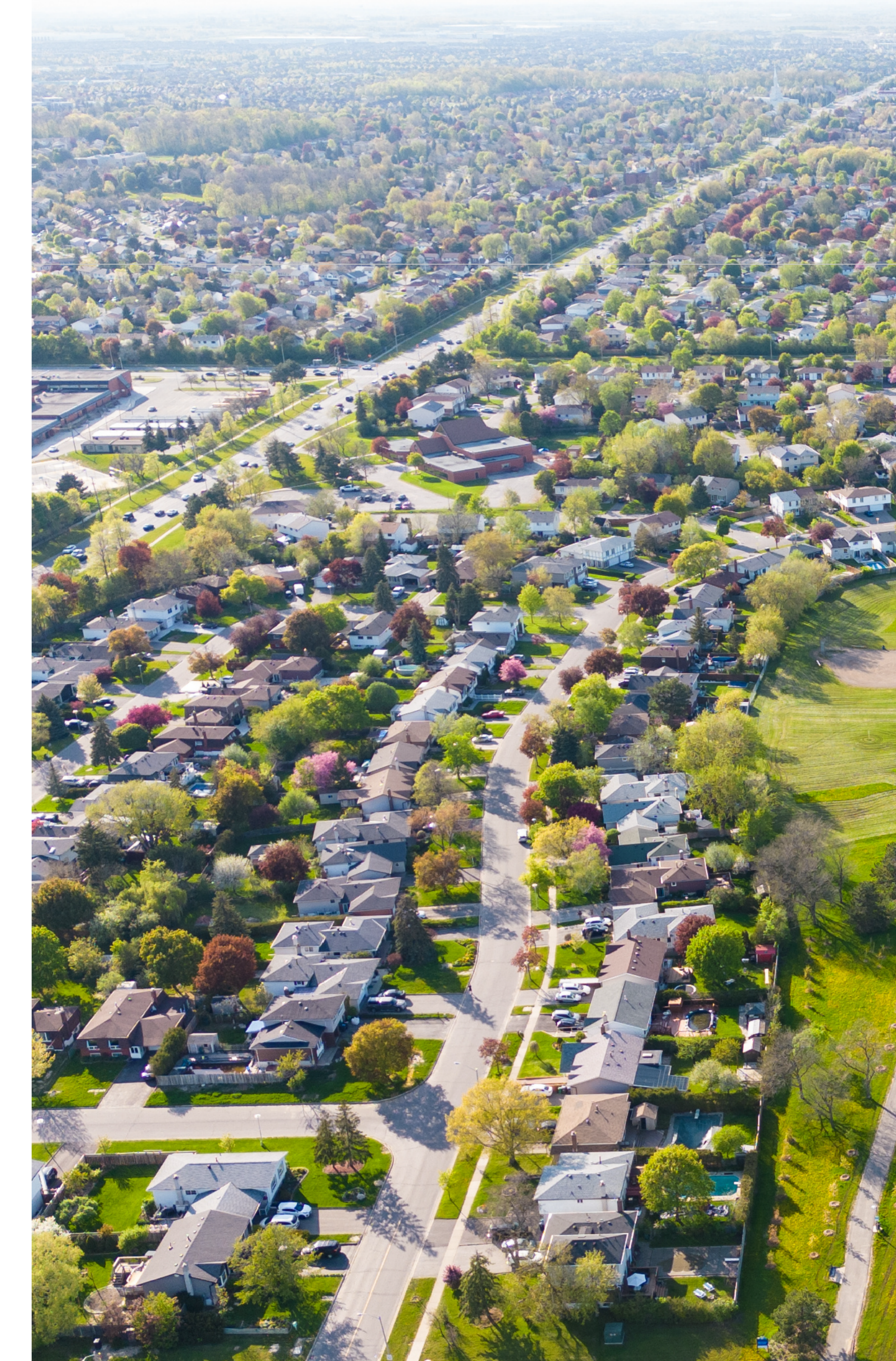


In support of the Province's plan to meet local housing needs, the City of Brampton has advanced its Housing Brampton strategy and reinforced its commitment through the Municipal Housing Pledge.



In response, Peel Council has approved over \$1 billion in capital investments to support these services, reinforcing our commitment to building the essential water and wastewater infrastructure needed for our communities, now and in the future.

Flow | Central Brampton will meet these demands, grouping many projects together under one program umbrella and driving efficiency.

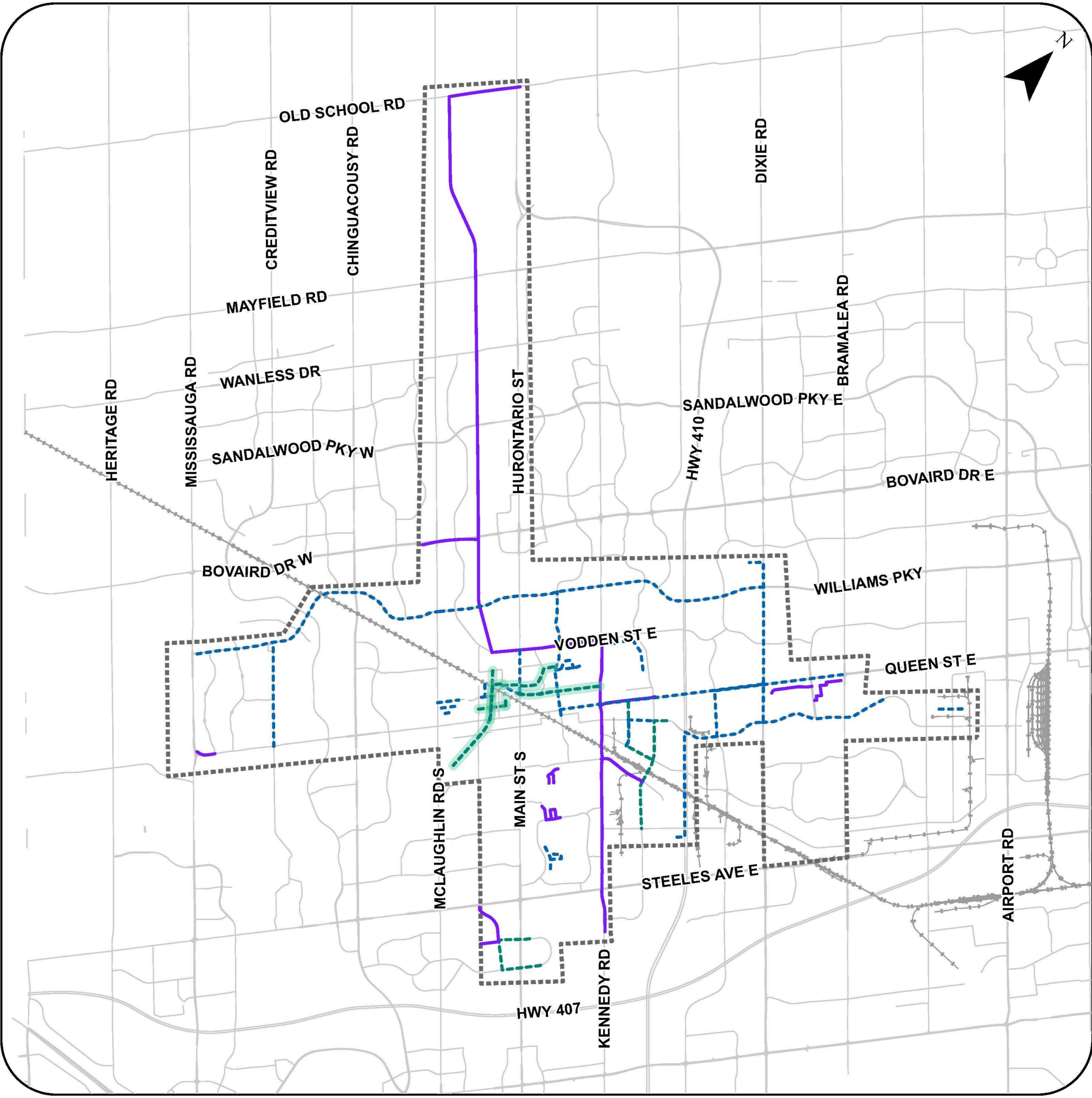


Flow | Central Brampton background and project overview

By coordinating 28 projects and working closely with local municipalities and partners, the Flow | Central Brampton Program helps reduce construction timelines and limit impacts to residents, businesses and emergency services.

As part of the Flow | Central Brampton Program, the Downtown Brampton Water and Wastewater Capacity Improvements project will help ensure local water and wastewater systems can support future growth, including new buildings planned in the downtown core* and along the Queen Street corridor by 2030.

* Excluding Church Street wastewater infrastructure planned for commissioning in 2032



Program Legend

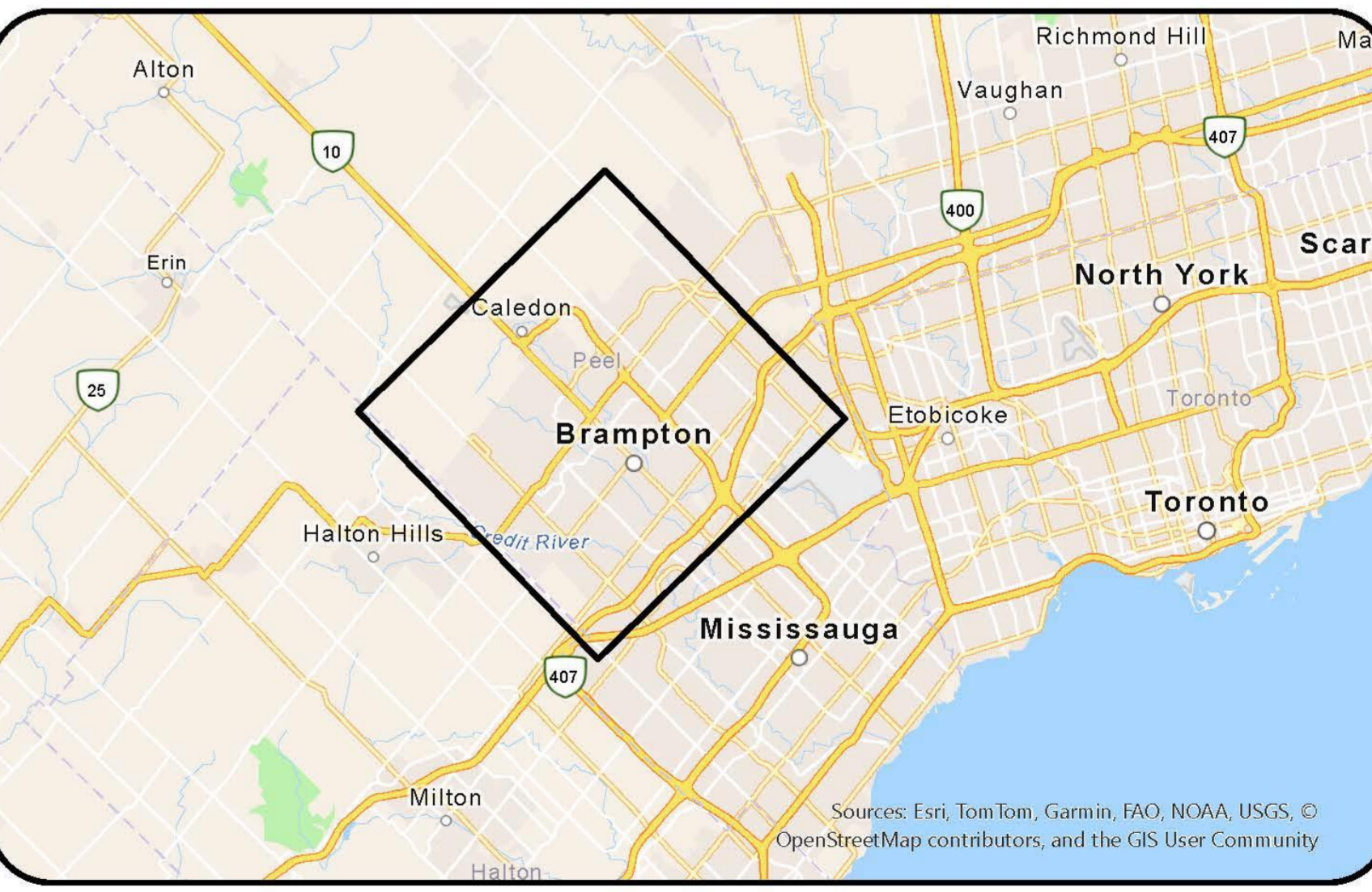
- Project 25-2158 - Downtown
- Brampton Water and Wastewater Capacity Improvements
- Water
- Wastewater
- Water and Wastewater
- Program Boundary

Flow | Central Brampton

General Legend

- Railway
- Roads

Data Sources:
Government of Ontario, Region of Peel
PN: 60775715
Mar, 13, 2026



Water and wastewater 101

What is a watermain?

Watermains are underground pipes that deliver clean and treated tap water from local treatment plants directly to your neighborhood.

What is wastewater?

Wastewater is the dirty water from toilets and the soapy water from sinks, showers and laundry.

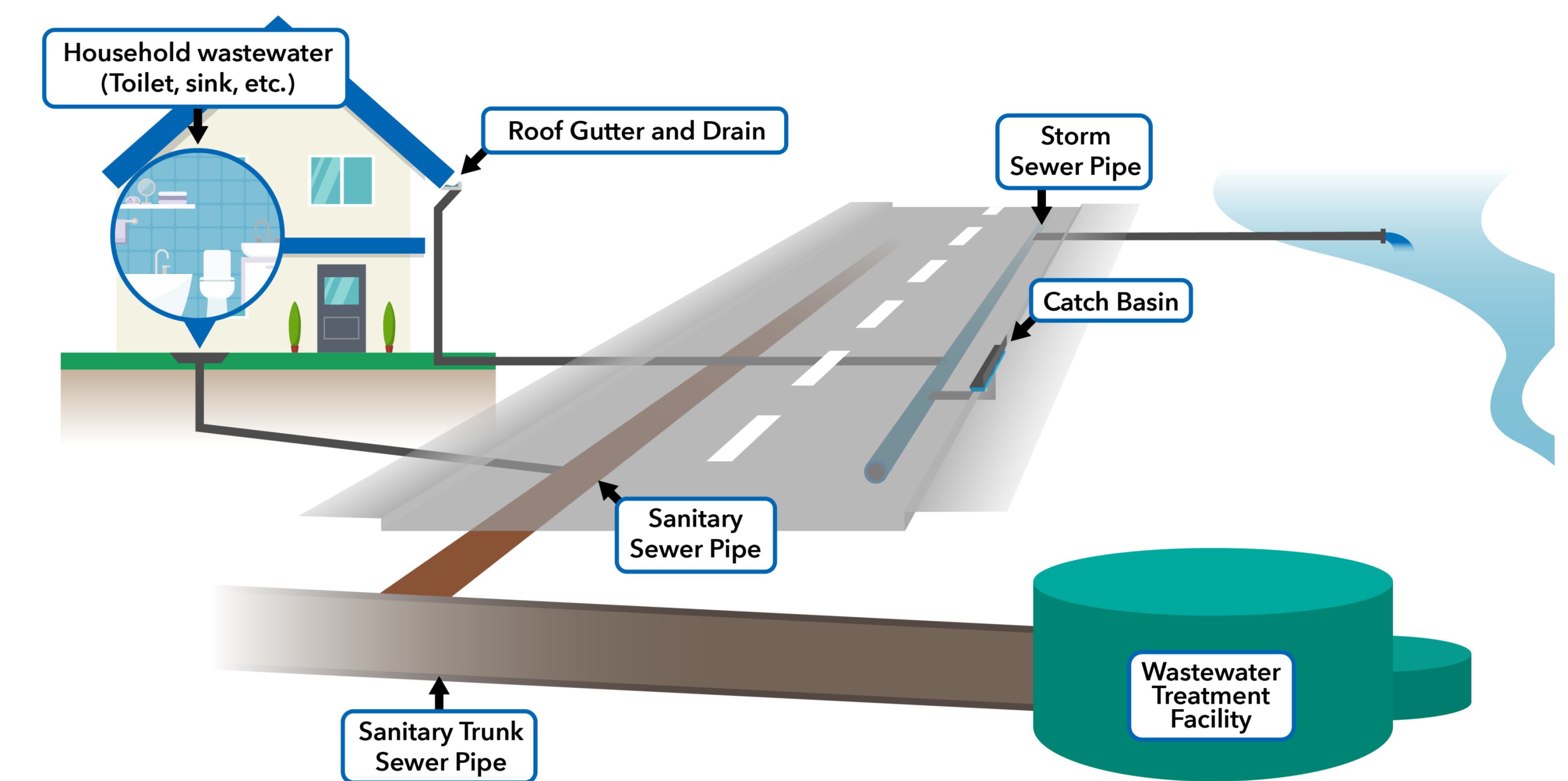
Pipes running throughout your property collect wastewater. It then leaves your building through an underground pipe that leads to the sanitary sewer system.

What is a sanitary sewer?

The **sanitary sewer** collects wastewater and sends it to a wastewater treatment facility. There, the wastewater is carefully tested and cleaned to meet regulatory safety standards. Once treated, the clean water is safely returned to Lake Ontario.

What about stormwater and storm sewers?

When it rains and when snow melts, the water that runs off roads and driveways is called **stormwater**. It flows into **storm sewers**—the underground pipes that collect water through catch basins, the square grates you see on the streets throughout Brampton. From there, the water travels to stormwater ponds, into creeks or rivers, and eventually flows into Lake Ontario.



Wastewater Collection Process



Clarkson Wastewater Treatment Facility, Peel Region

About the Downtown Brampton Water and Wastewater Capacity Improvements (Project 25-2158)

The existing water and wastewater system in Downtown Brampton does not have enough capacity to handle the water and wastewater demands for future growth in the area. Peel Region plans to increase sewer and water capacity by 2030 to support development in Central Brampton. To address this, Peel Region is planning to install a new watermain in Downtown Brampton along the preferred route (still to be determined) and new sanitary sewers along the Orangeville-Brampton Railway corridor, Church Street, Nelson Street and Elizabeth Street.

To meet capacity demands by 2030, construction must start in 2028. Construction will be coordinated, where possible, with other municipal infrastructure projects to help reduce impacts to the community.



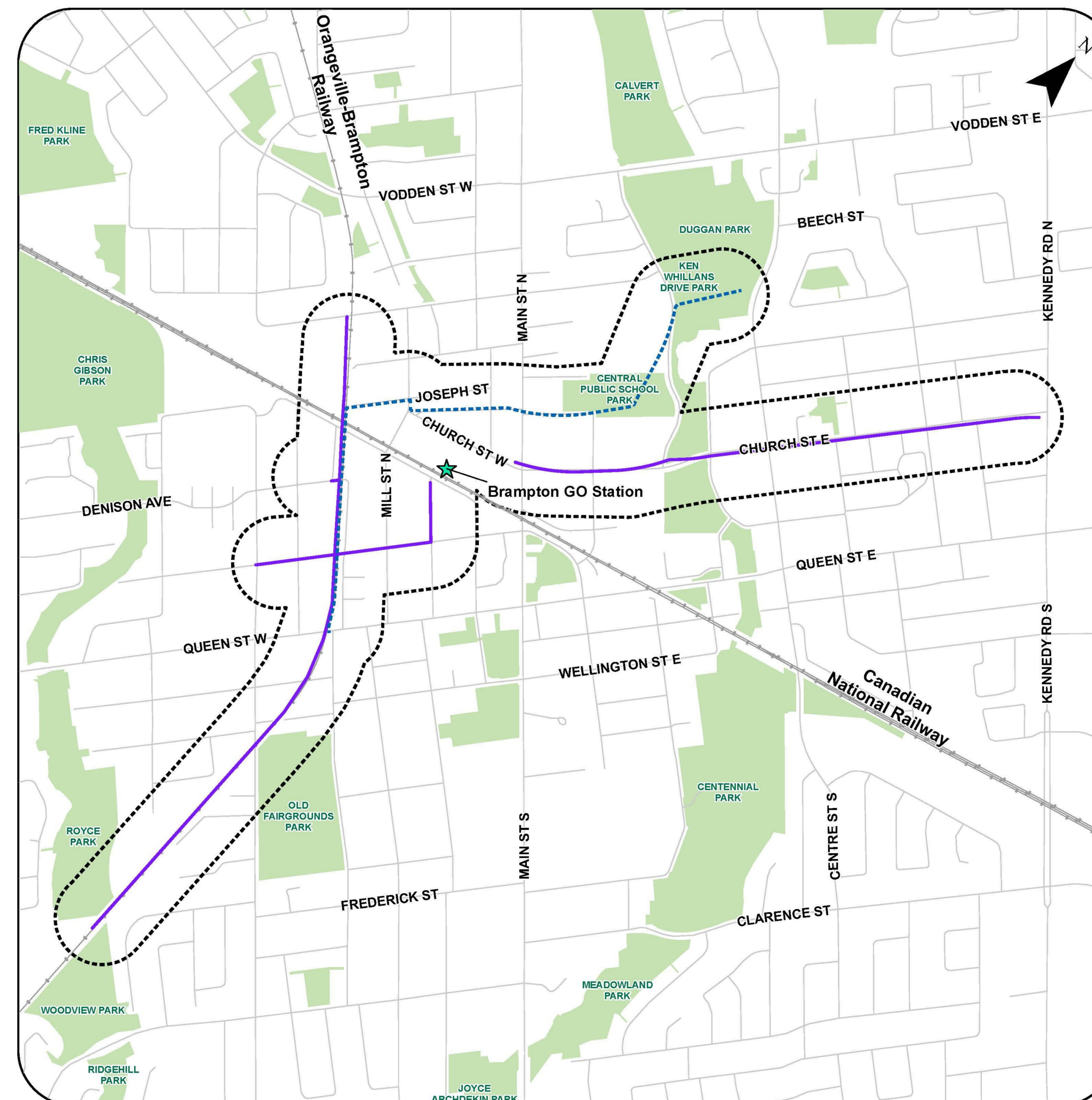
Sanitary sewer pipe

Project study area

The study area extends from the Orangeville-Brampton Railway corridor in the west to Kennedy Road in the east, and from Rosedale Avenue West in the north to Corby Crescent in the south. The area includes two key west-east connections:

1. Along Church Street East, from Main Street to Kennedy Road; and
2. From the Orangeville-Brampton Railway corridor along Joseph Street and through Duggan Park to Centre Street North.

This is a Schedule B Municipal Class Environmental Assessment (MCEA) study to identify the preferred watermain route and evaluate the alignment options through an environmentally responsible planning process that includes public, Indigenous community and stakeholder participation. This study will also assess construction methods to build planned wastewater infrastructure.



Project Legend

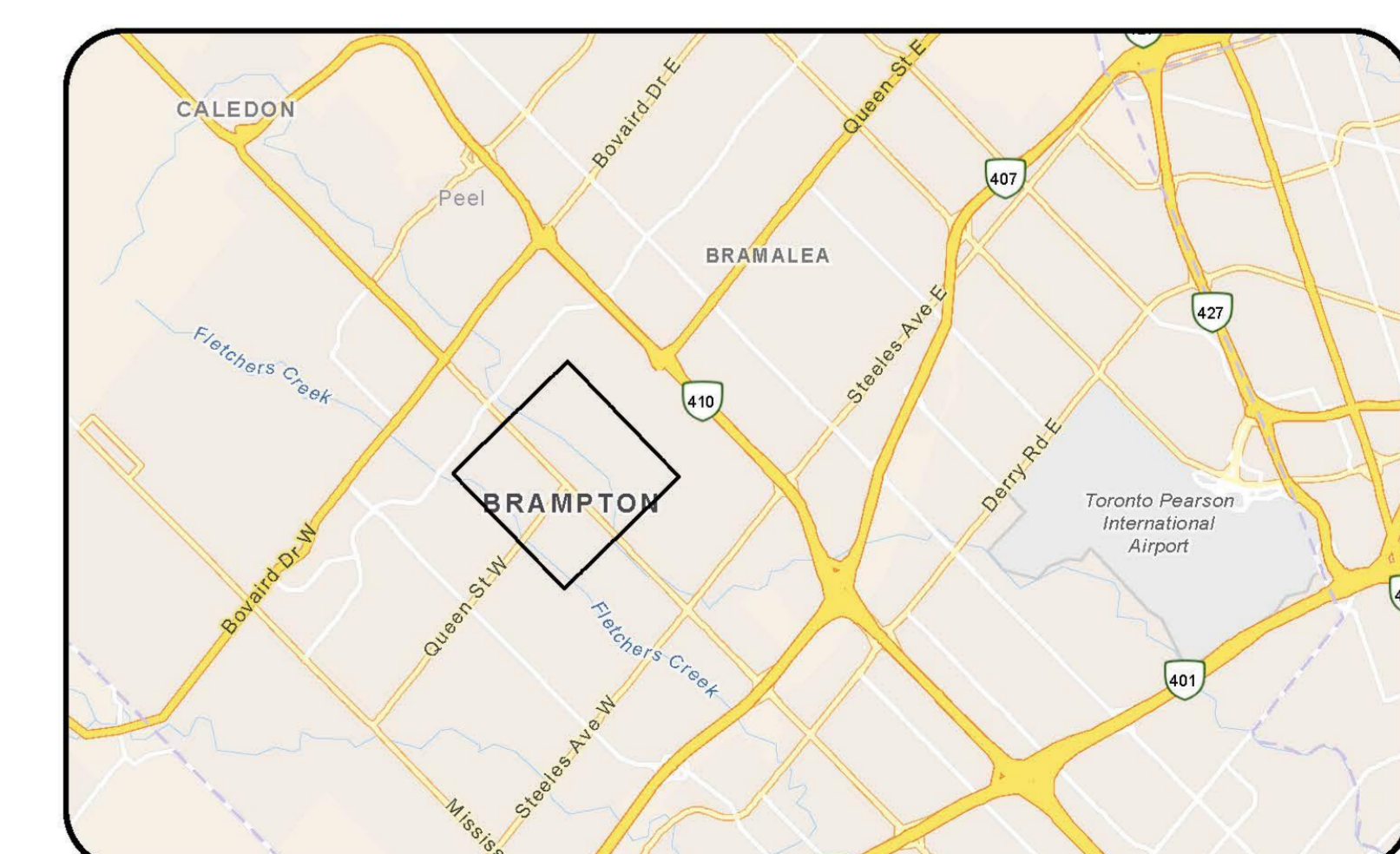
- Proposed Wastewater
- Proposed Watermain
- Study Area

Flow | Central Brampton

General Legend

- ★ Brampton GO Station
- Railway
- Roads
- Parks

Data Sources:
Government of Ontario, Region of Peel
PN: 60775715
March 17, 2026



Project progress – where are we?

February 2026

Spring 2026/Summer 2026 – September 2026

Phase 1

Problem and Opportunity

Phase 2

Alternative Solutions

WE ARE HERE



Notice of
Commencement
February 2026



PIC #1
March 25, 2026



Notice of
PIC #2



PIC #2
September 2026



Notice of
Study
Completion
and 30-day
public review
period

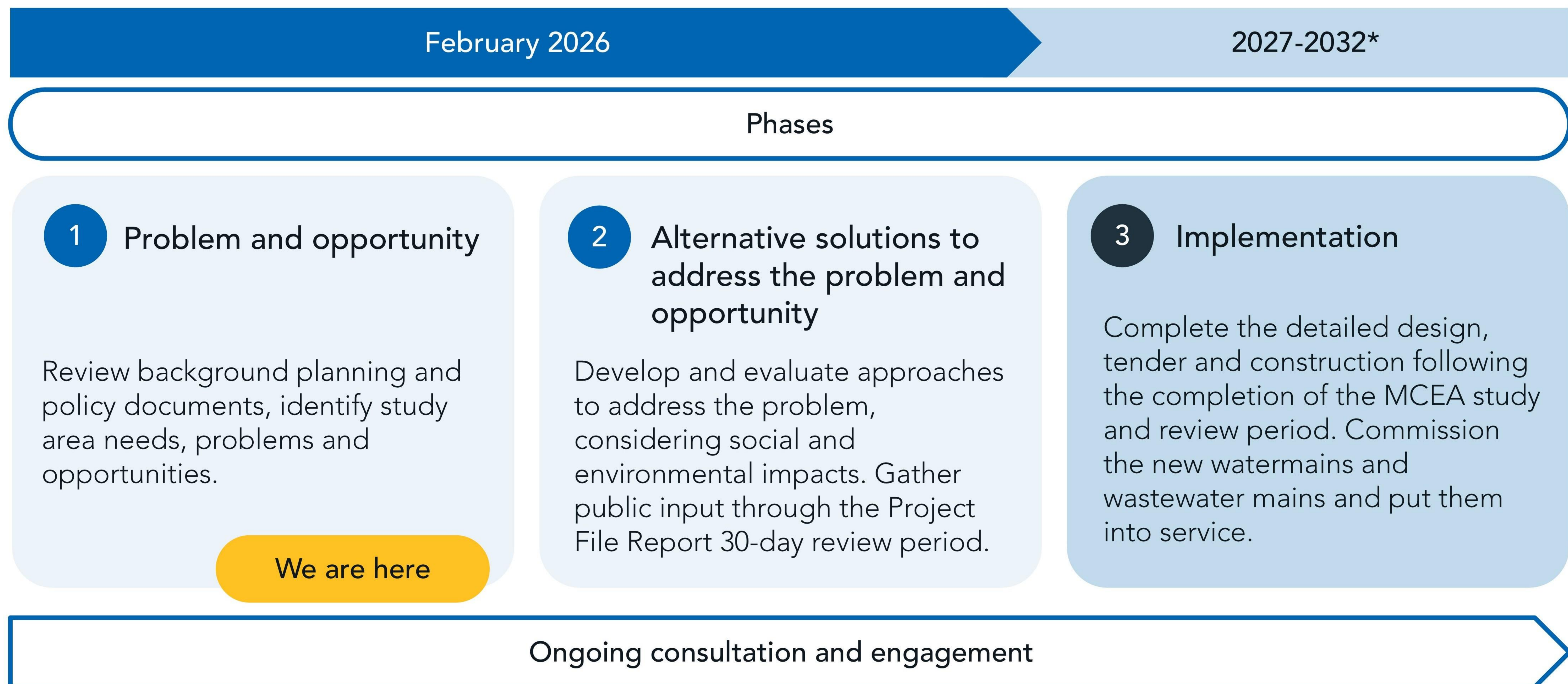
- Project background
- Study area
- Problem and Opportunity Statement
- Sanitary sewer construction methods
- Alternative watermain routes
- Proposed evaluation criteria
- Next steps

- Evaluate and select preferred watermain route
- Field investigations for recommended watermain route and sanitary sewer locations
- Proposed mitigation measures
- Prepare the Project File Report
- Notice of Study Completion and Project File Report 30-day public review period

Ongoing consultation and engagement

Municipal Class EA Schedule B planning process

Ontario municipalities must follow the Municipal Class Environmental Assessment (MCEA) process under the *Environmental Assessment Act* (EAA). This project is being completed as a Schedule B MCEA study, which focuses on early planning and evaluation of alternatives.



* Dates and timelines are approximate and may be subject to change as we progress through the Environmental Assessment and design processes.

Problem and opportunity statement

To support growth through 2051, Peel Region must increase the capacity of key sanitary sewers and watermain systems serving Downtown Brampton, including the Brampton GO, Centre Street and Kennedy Road Major Transit Station Areas.

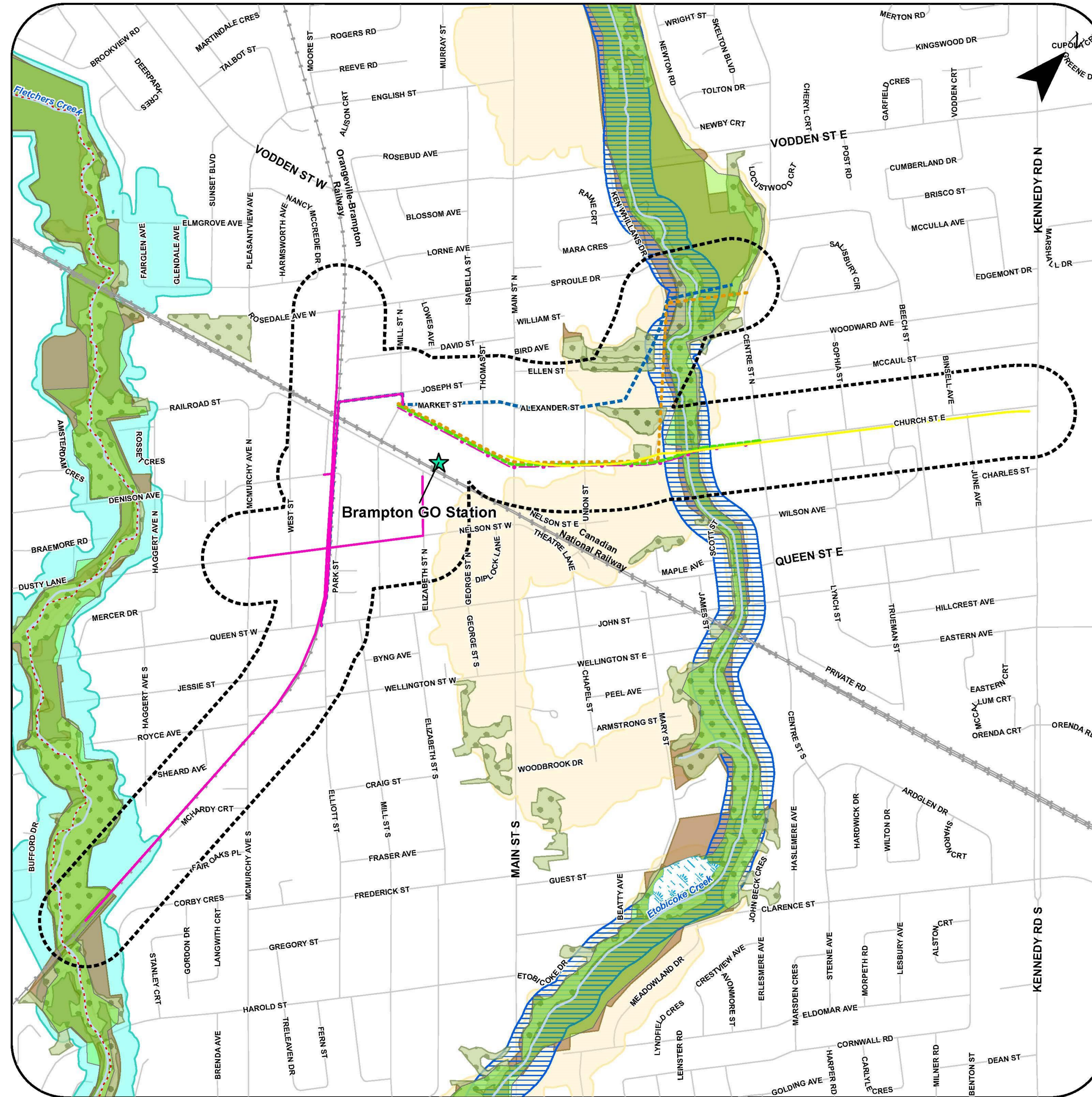
Existing water and wastewater infrastructure in these areas does not have enough capacity to meet future demands. Upgrades are required by 2030 to support planned and future growth and align with Provincial housing targets.

This MCEA study will help identify the preferred solution through consultations and engagement with review agencies, Indigenous communities and the public. The study will also coordinate with other planned infrastructure projects and help inform Peel's 2025 Water and Wastewater Master Plan for Lake-Based Systems Update.



Source: eskystudio - stock.adobe.com

Existing natural heritage features



Project Legend

- Package 1 - Option 1
- Package 1 - Option 2
- Package 1 - Option 3
- Package 1 - Option 4
- Package 2
- Package 3
- ⊞ Project Area Buffer (120m)

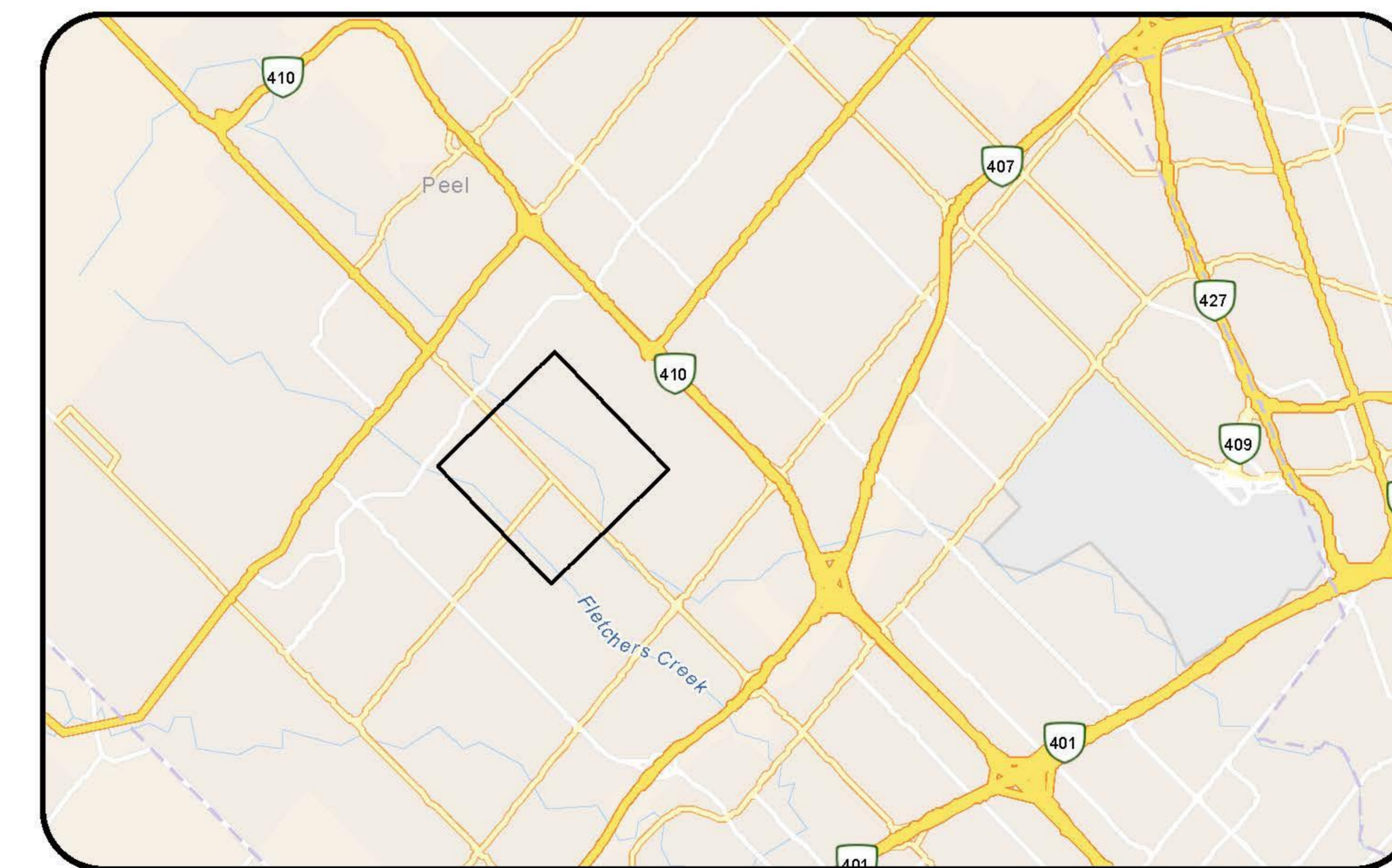
Flow | Central Brampton

General Legend

- ★ Brampton GO Station
- - - Reside Dace Critical Habitat (DFO - Fisheries and Oceans Canada, 2025)
- Watercourse
- Wetlands
- Railway
- Region of Peel Official Plan Greenlands System Core Areas (2013)
- Wooded Area
- Roads
- City of Brampton - Natural Heritage Systems
- Greenbelt Designation**
- Urban River Valley
- Regulated Area**
- Toronto and Region Conservation Authority
- Credit Valley Conservation Authority

Data Sources:

Government of Ontario, Region of Peel
 PN: 60775715
 March 13, 2026

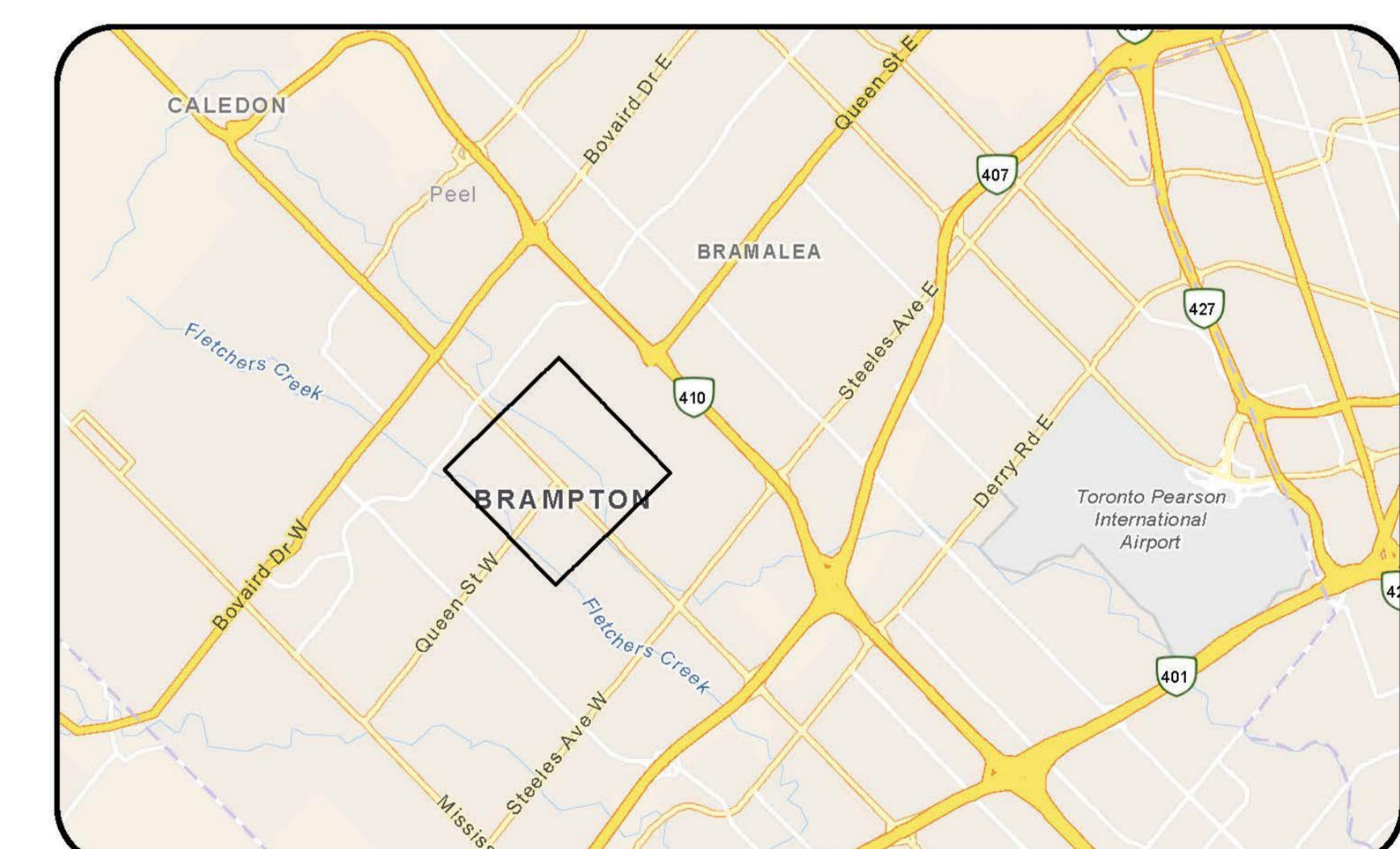
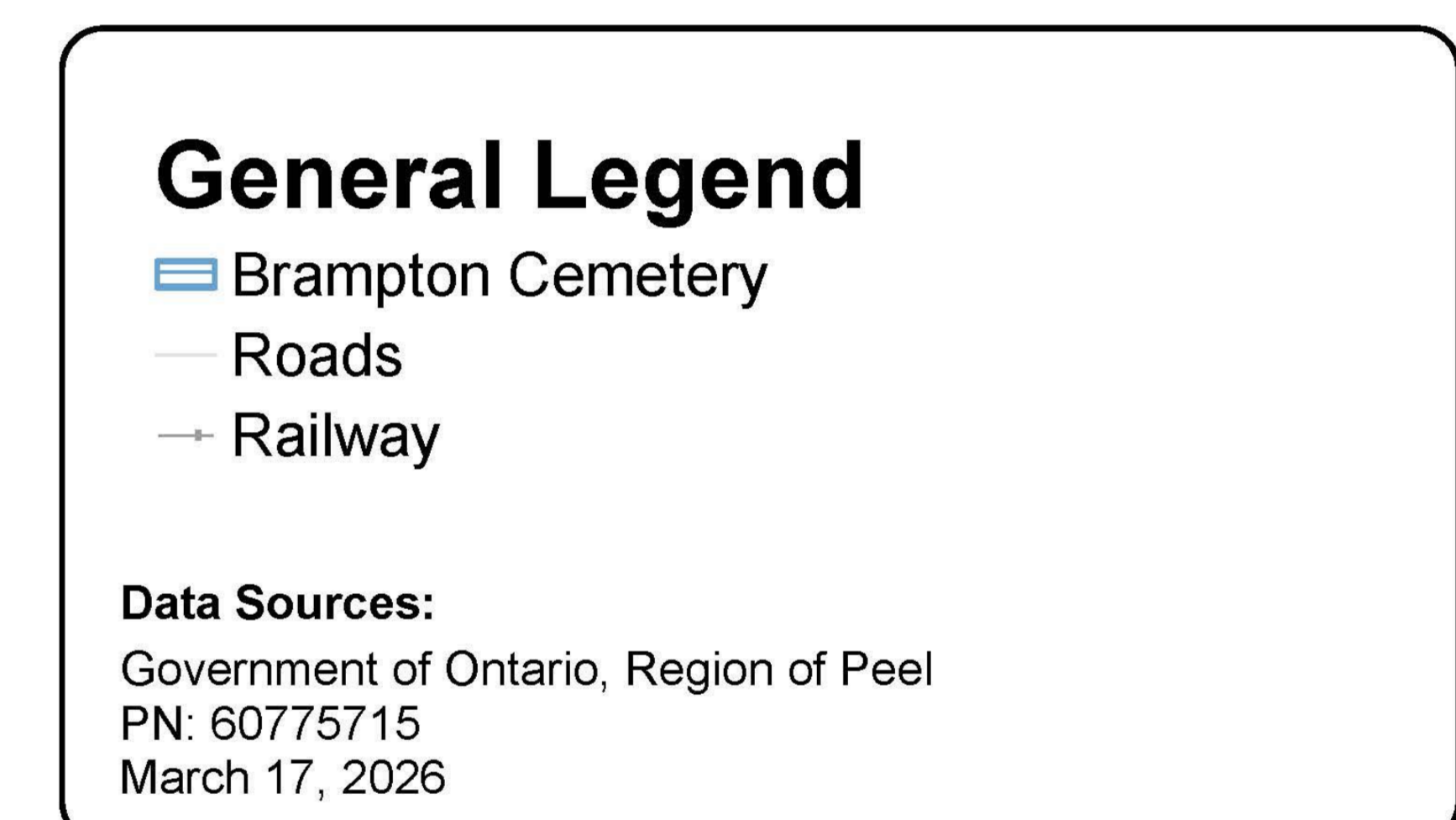
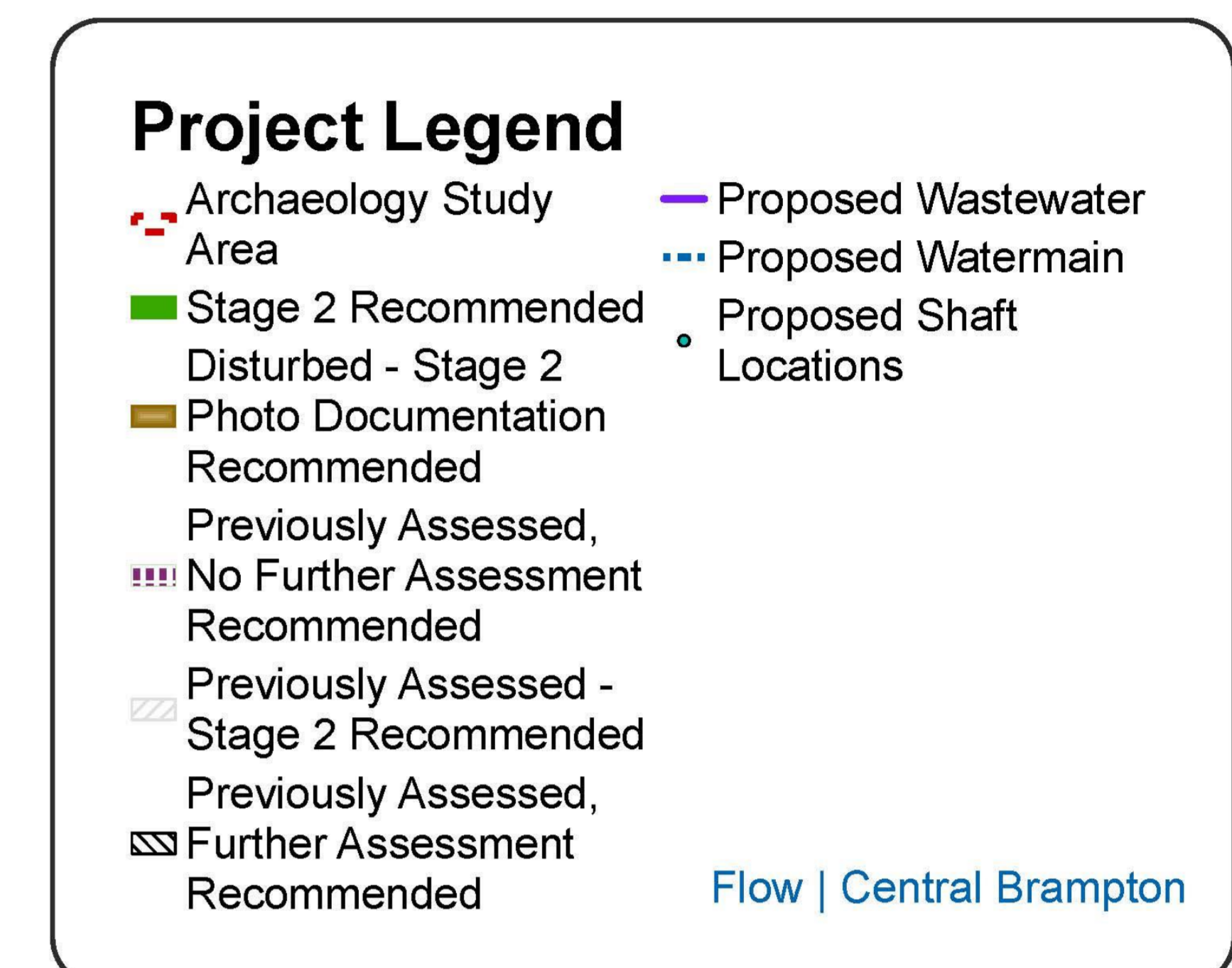


Stage 1 Archaeological Assessment

The Stage 1 Archaeological Assessment found that portions of the study area have the potential to contain archaeological resources.

Based on these findings, the following are recommended:

- Locations within the study area that have already been assessed and cleared of archaeological concern **do not require further assessment.**
- A **Stage 2 Archaeological Assessment** is recommended for areas of potentially undisturbed land within the Stage 1 study area.
- The **Stage 2 Archaeological Assessment** should include a **standard test pit survey** conducted at 5-metre intervals.



Supporting studies to be completed in Phase 2



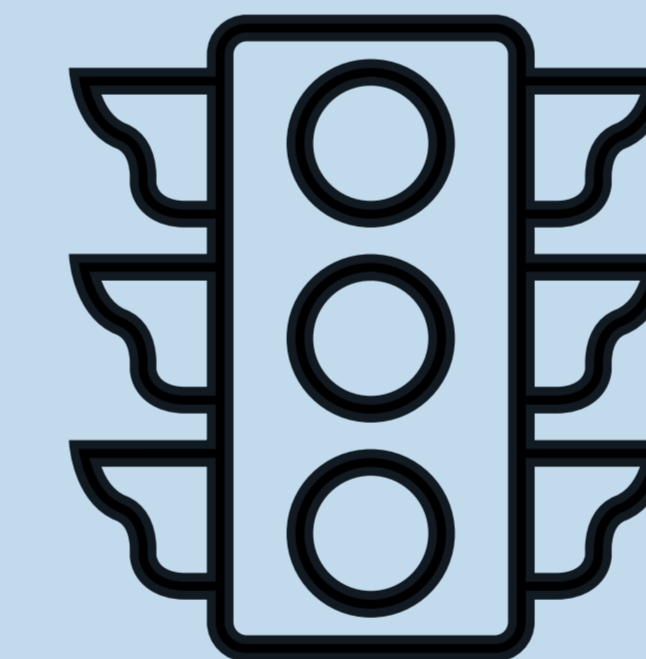
Desktop geotechnical study



Confirmatory natural heritage field investigations and reporting



Stage 2 Archaeological Assessment (as required by Stage 1 Archaeological Assessment)



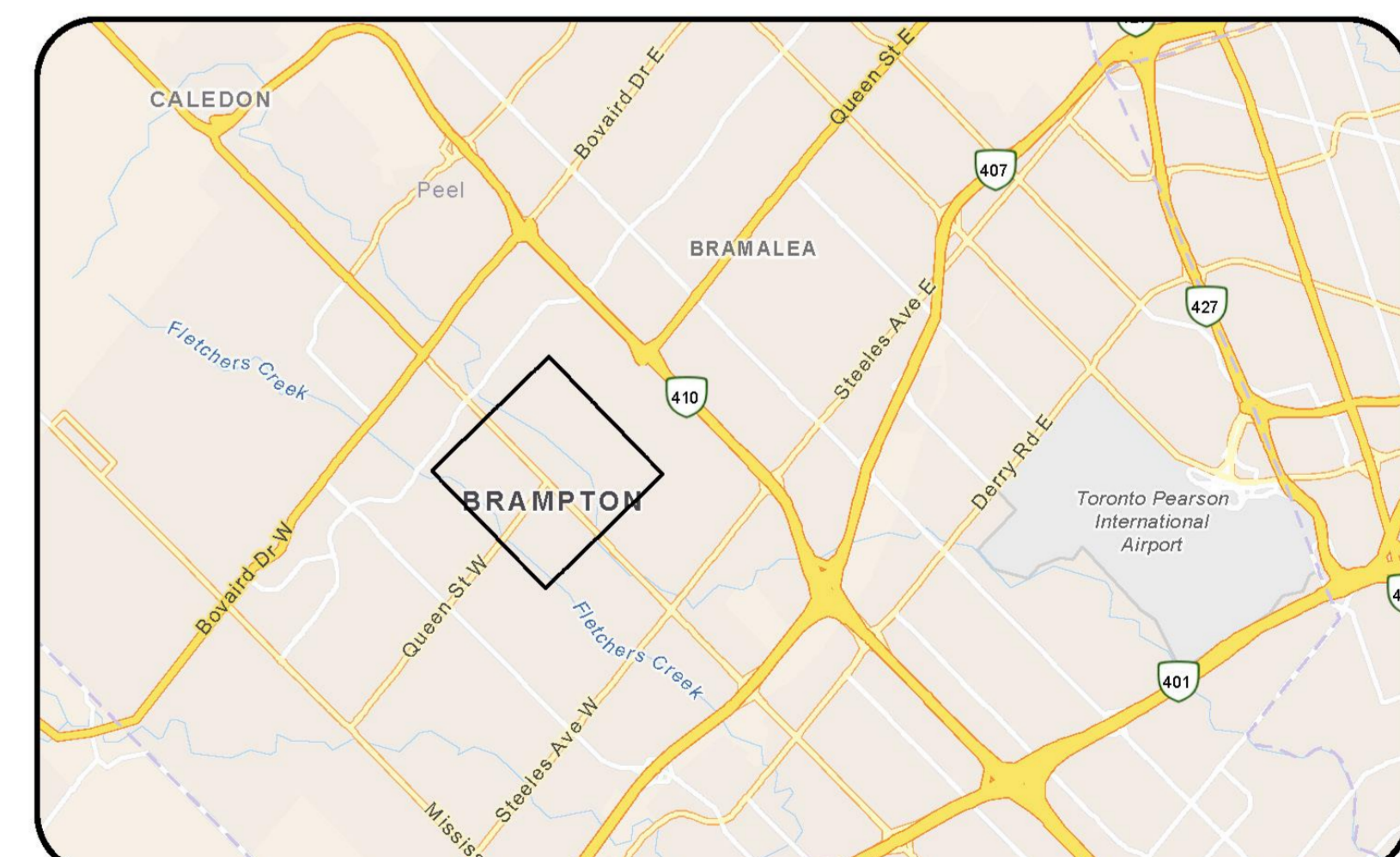
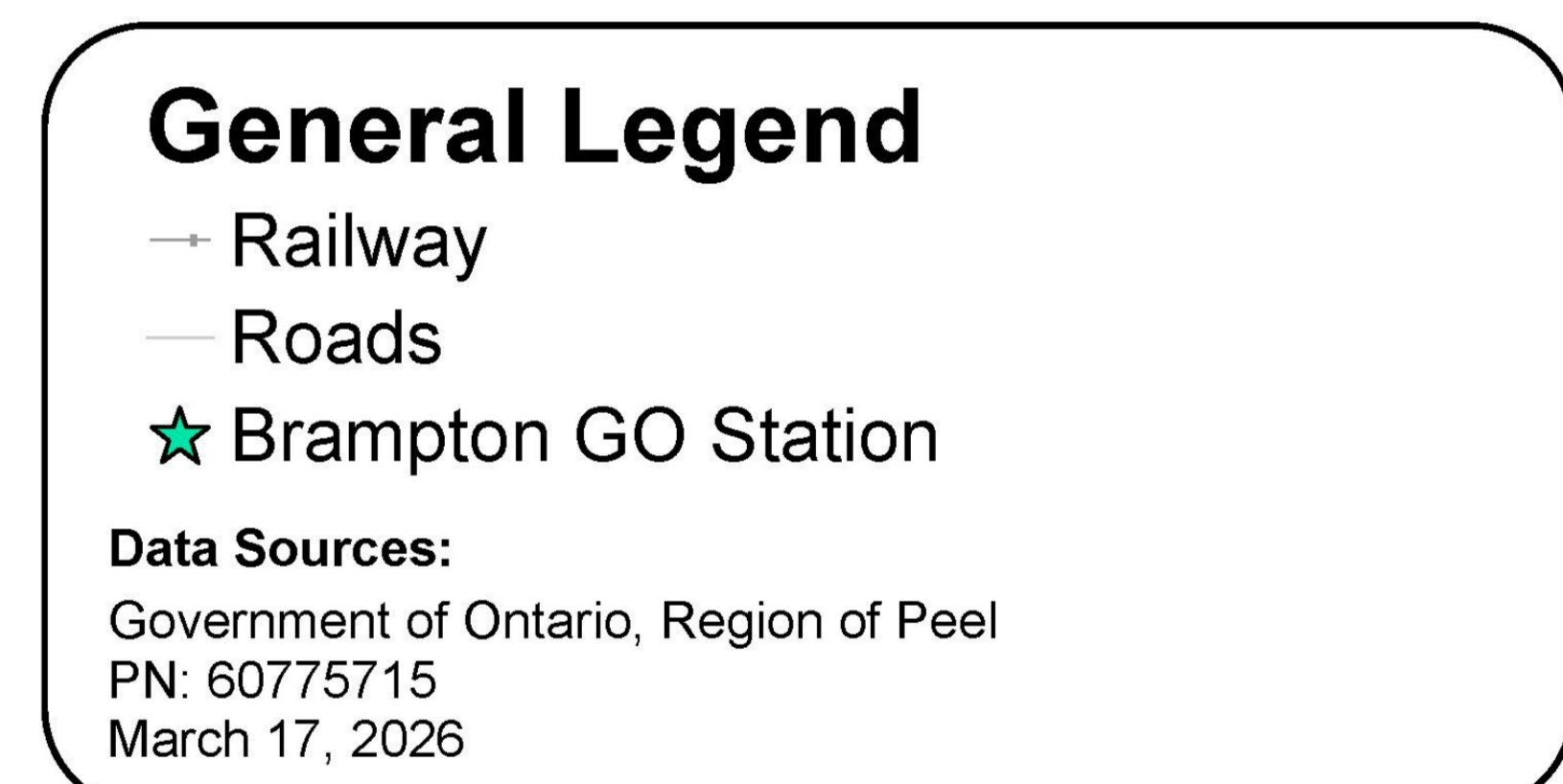
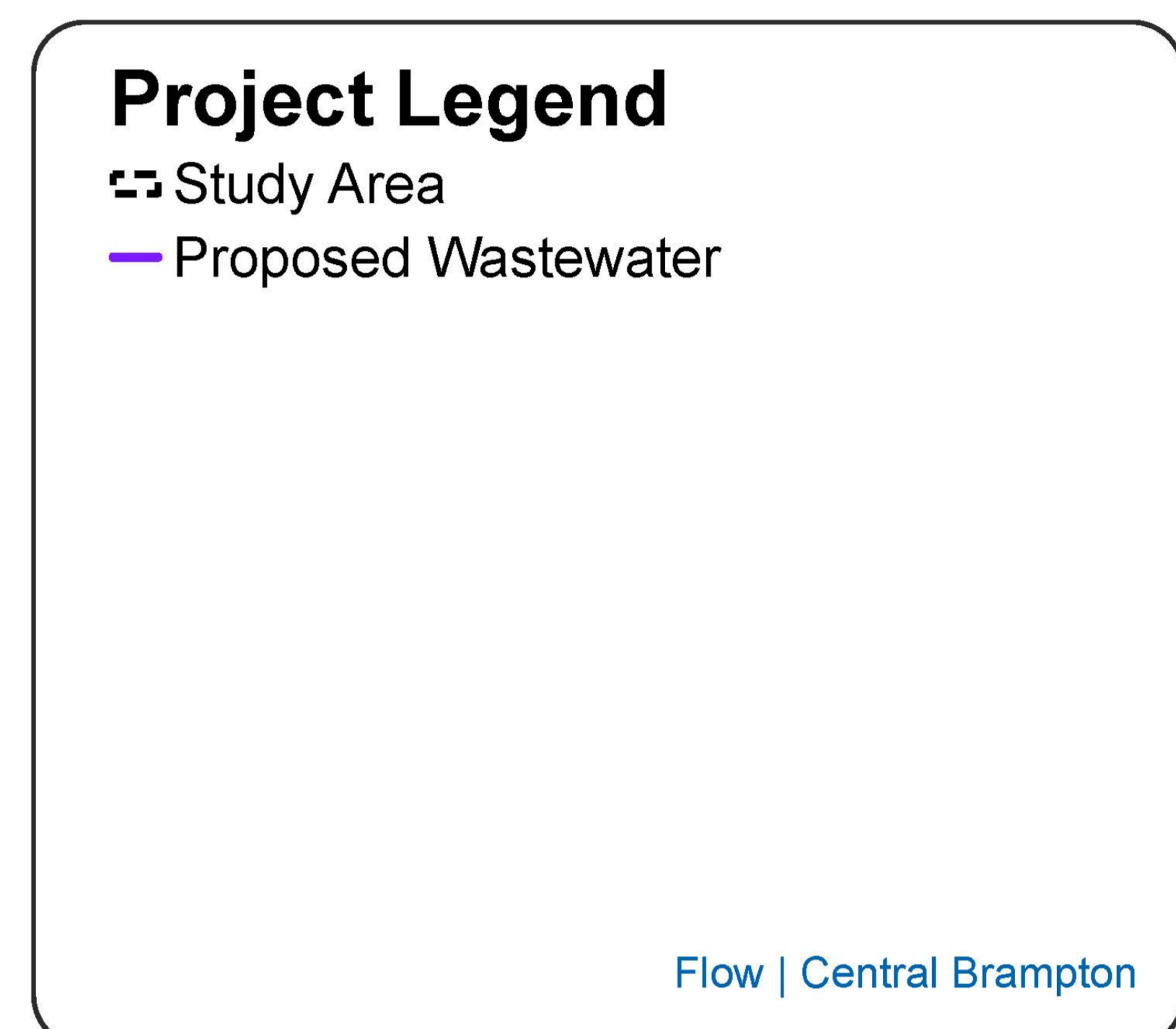
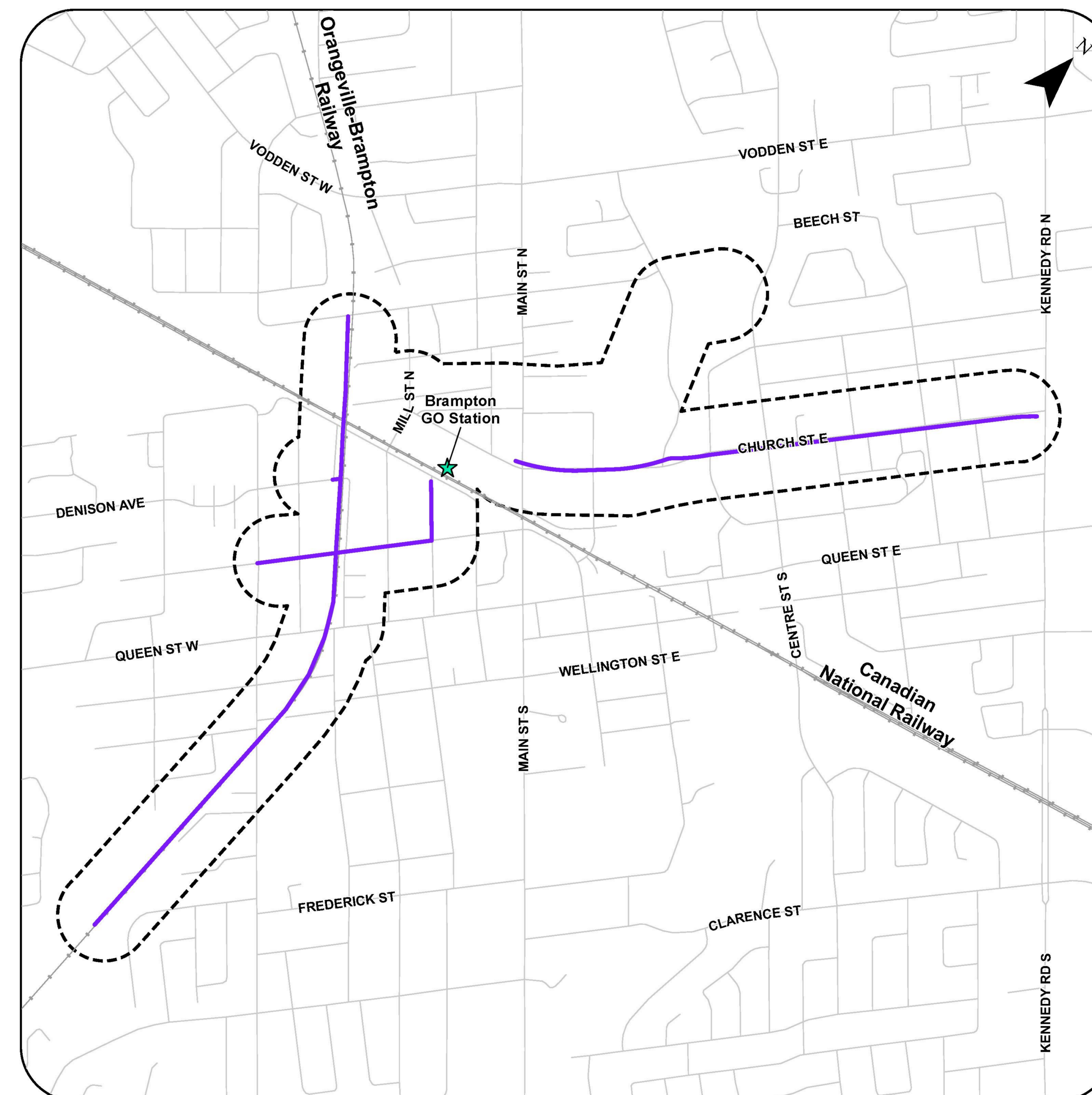
Traffic impact assessment

Sanitary sewer infrastructure

A Sanitary Servicing Capacity Assessment Study in 2025 identified the need for new sanitary sewer infrastructure at various locations in Downtown Brampton. As this infrastructure must connect to the existing sanitary system, alternative routes are not being considered.

There will be new sanitary infrastructure along:

- Church Street East from Main Street to Kennedy Road.
- The Orangeville-Brampton Railway corridor from Rosedale Avenue to the connection at Fletcher's Creek sanitary sewer.
- Denison Avenue from Park Street to the alignment of the old Orangeville-Brampton Railway corridor.
- Nelson Street from Elizabeth Street North to the alignment of the old Orangeville-Brampton Railway corridor.
- Elizabeth Street North from the existing sewer maintenance hole on Railroad Street to Nelson Street.
- Nelson Street from McMurchy Avenue North to the alignment of the Orangeville-Brampton Railway corridor.

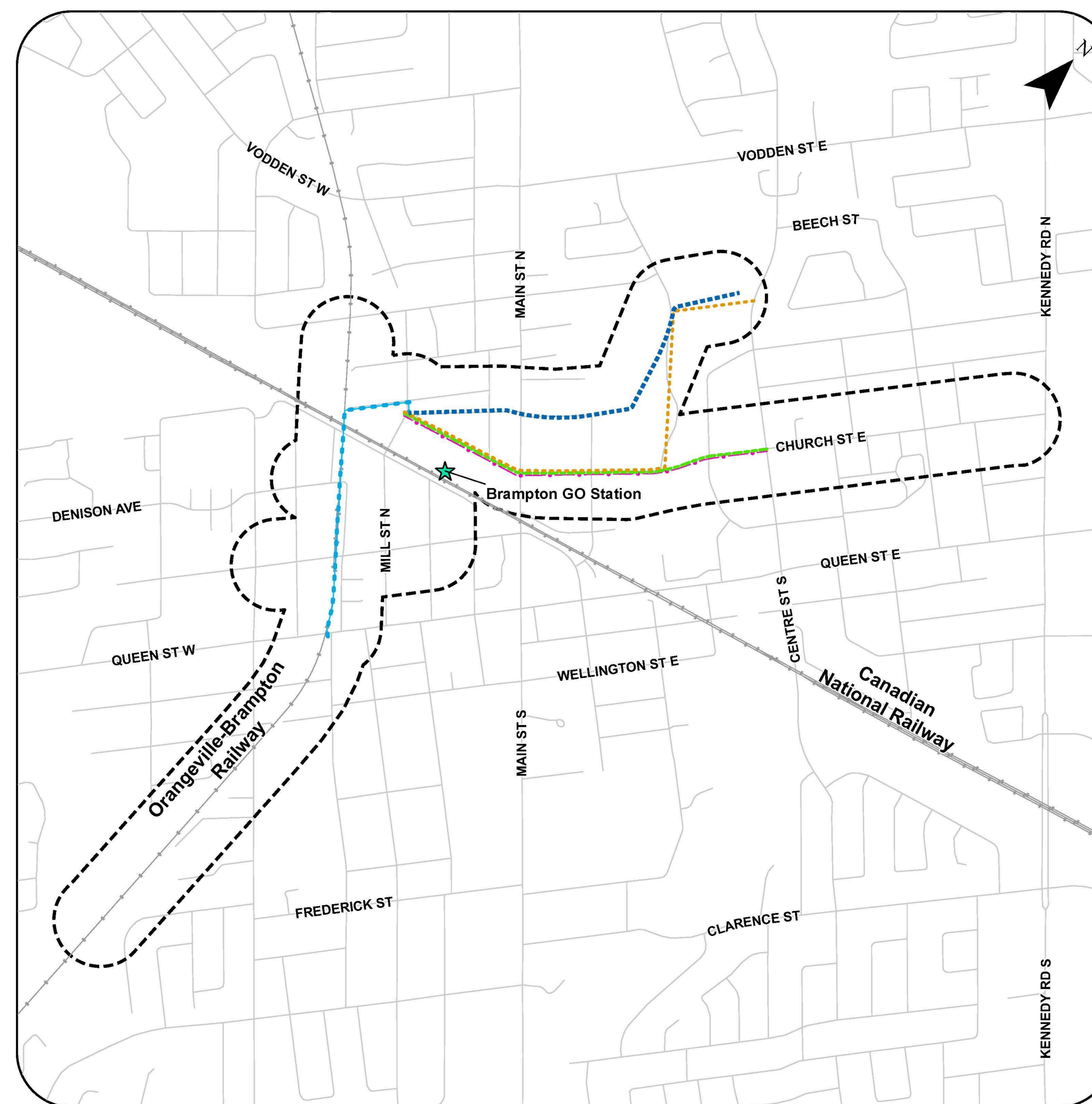


Watermain route alternatives

Four options are being considered for the watermain:

- **Option 1:** Church Street West to Ken Whillans Drive through Duggan Park to Centre Street North
- **Option 2:** Church Street West to Centre Street North
- **Option 3:** Church Street West to Centre Street North (alternative construction method)
- **Option 4:** Market Street / Alexander Street through Central Public School Park crossing Ken Whillans Drive through Duggan Park to Centre Street North

For all options, the remainder of the watermain route will continue west from the Mill Street / Market Street / Church Street junction, along Joseph Street to the Orangeville-Brampton Railway corridor. The watermain will then run parallel to the sanitary sewer within the Orangeville-Brampton Railway corridor, ending at Queen Street.



Project Legend

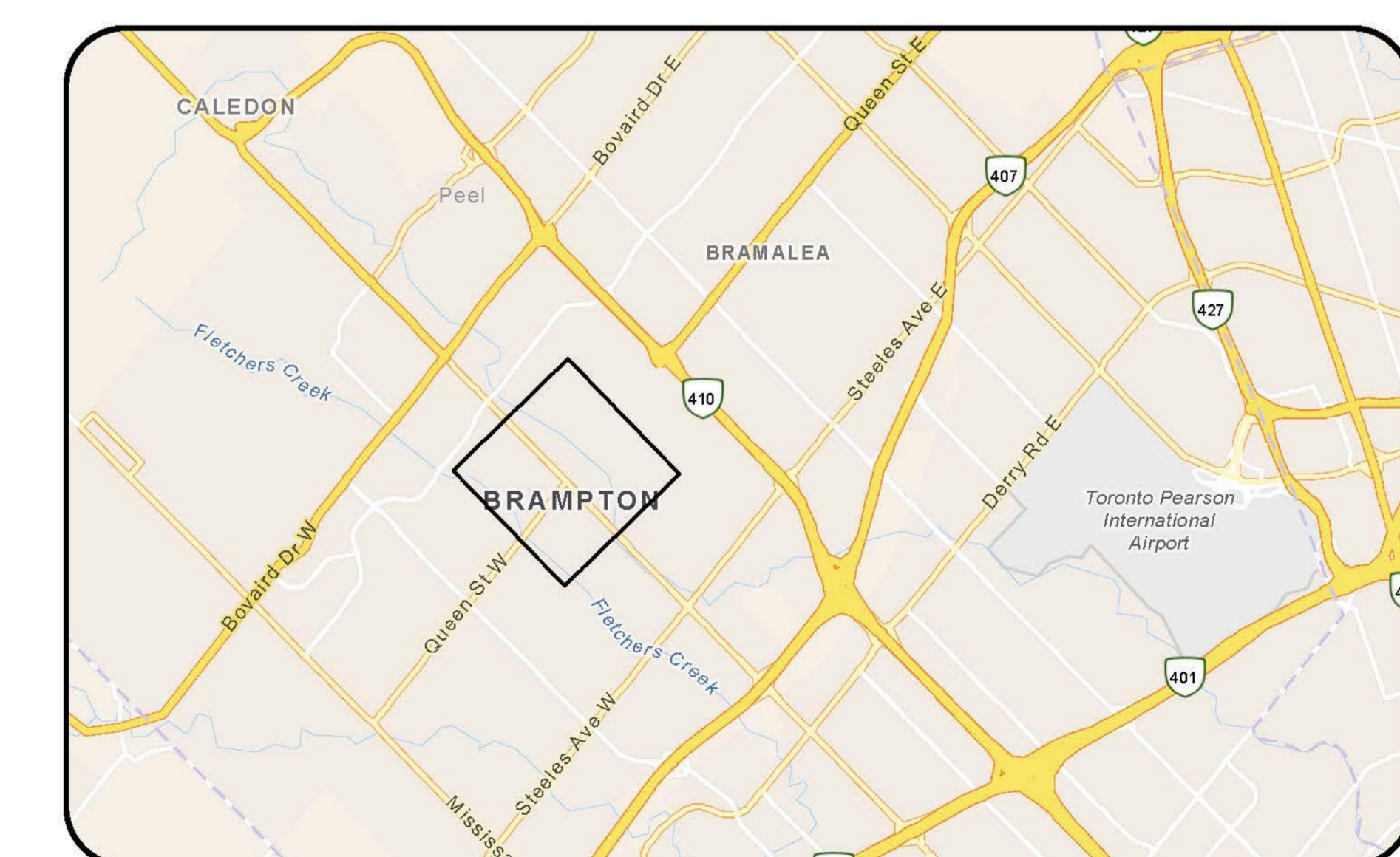
- Study Area
- Watermains**
 - Package 1 - Option 1
 - Package 1 - Option 2
 - Package 1 - Option 3
 - Package 1 - Option 4
 - Package 2

Flow | Central Brampton

General Legend

- Railway
- Roads
- ★ Brampton GO Station

Data Sources:
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PN: 60775715
March 17, 2026



*Options 2 and 3 follow the same alignment but consider different construction methods, which will be presented at PIC #2.

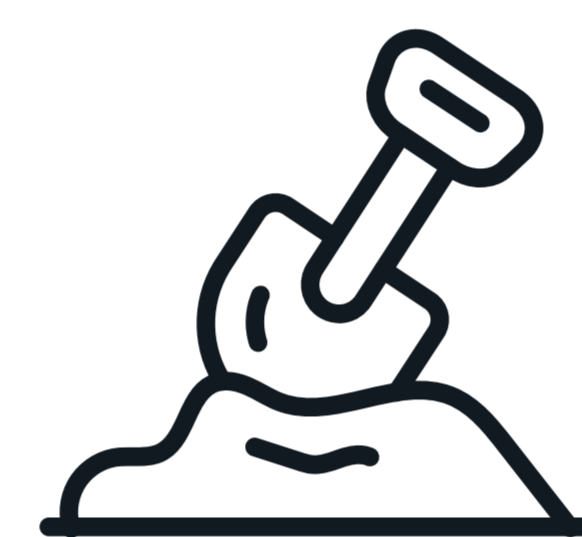
Proposed evaluation categories and criteria

Each alternative watermain route will be evaluated from least preferred to most preferred based on the evaluation criteria presented below. The options will be compared to understand their benefits and potential impacts. The route that best meets the project needs while minimizing impacts to the community and environment will be selected as the preferred option.



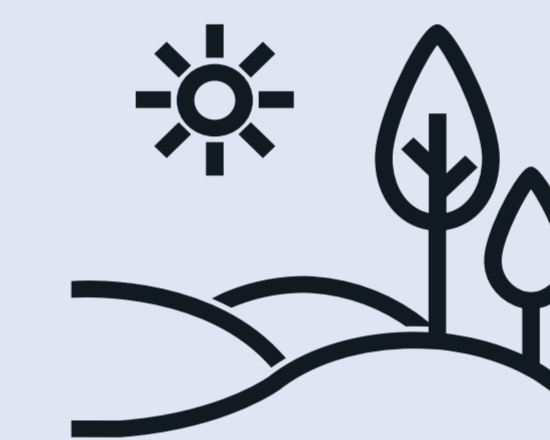
Legal Jurisdictional:

- Compliance with applicable planning policies
- Land and easements requirements



Cultural Heritage and Archaeology:

- Potential for disturbance to archaeological resources
- Potential for impact on cultural heritage resources and landscapes



Natural Environment:

- Potential impacts on water resources
- Potential impacts on terrestrial features
- Potential impacts on species at risk
- Potential impacts on soil and groundwater
- Climate change



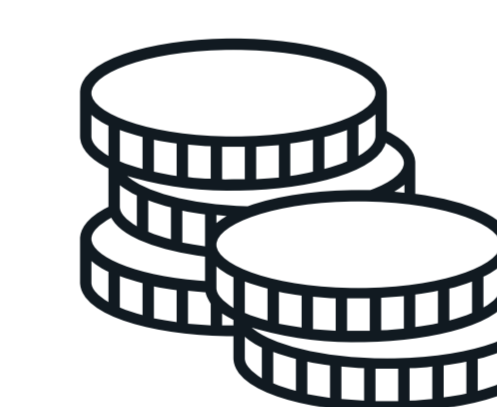
Technical:

- Constructability
- Permitting
- Connection points to the existing system
- Operations and maintenance
- Conflicts with existing utilities
- Conflicts with planned infrastructure
- Construction vehicle management



Socio-economic:

- Disruption to residences, institutions, recreational areas and businesses
- Traffic and active transportation impacts
- Transit impacts



Economic / Financial:

- Construction costs
- Operation and maintenance costs

Project coordination and continued collaboration

This project will be coordinated with other nearby major infrastructure projects to help minimize overlapping road closures, manage construction impacts, and maintain safe access to homes, businesses and community destinations.

City of Brampton projects:

- **Brampton Riverwalk (1a):** brampton.ca//EN/Business/planning-development/projects-studies/riverwalk
- **Ken Whillans Drive Road Realignment (1b):** brampton.ca//EN/residents/Roads-and-Traffic/Planning-and-Projects/pages/ken-whillans-dr.aspx
- **Brampton Road Resurfacing (5):** brampton.ca/EN/residents/Roads-and-Traffic/Maintenance-Programs/pages/road-resurfacing.aspx
- **Denison Avenue Road Extension (between Park Street and Mill Street) (7):** brampton.ca//EN/residents/Roads-and-Traffic/Planning-and-Projects/Pages/Denison-Ave.aspx
- **Brampton-Orangeville Rail Trail (8):** brampton.ca/EN/residents/parks/projects/Pages/Brampton-Orangeville-Rail-Trail.aspx
- **Brampton Transit Hub (9):** brampton.ca/EN/residents/transit/Projects-Initiatives/Pages/Downtown-Brampton-Transit-Hub.aspx
- **Downtown Brampton Streetscaping (11):** brampton.ca/EN/City-Hall/Downtown-Brampton/Pages/Downtown-Brampton-Streetscape-Project.aspx

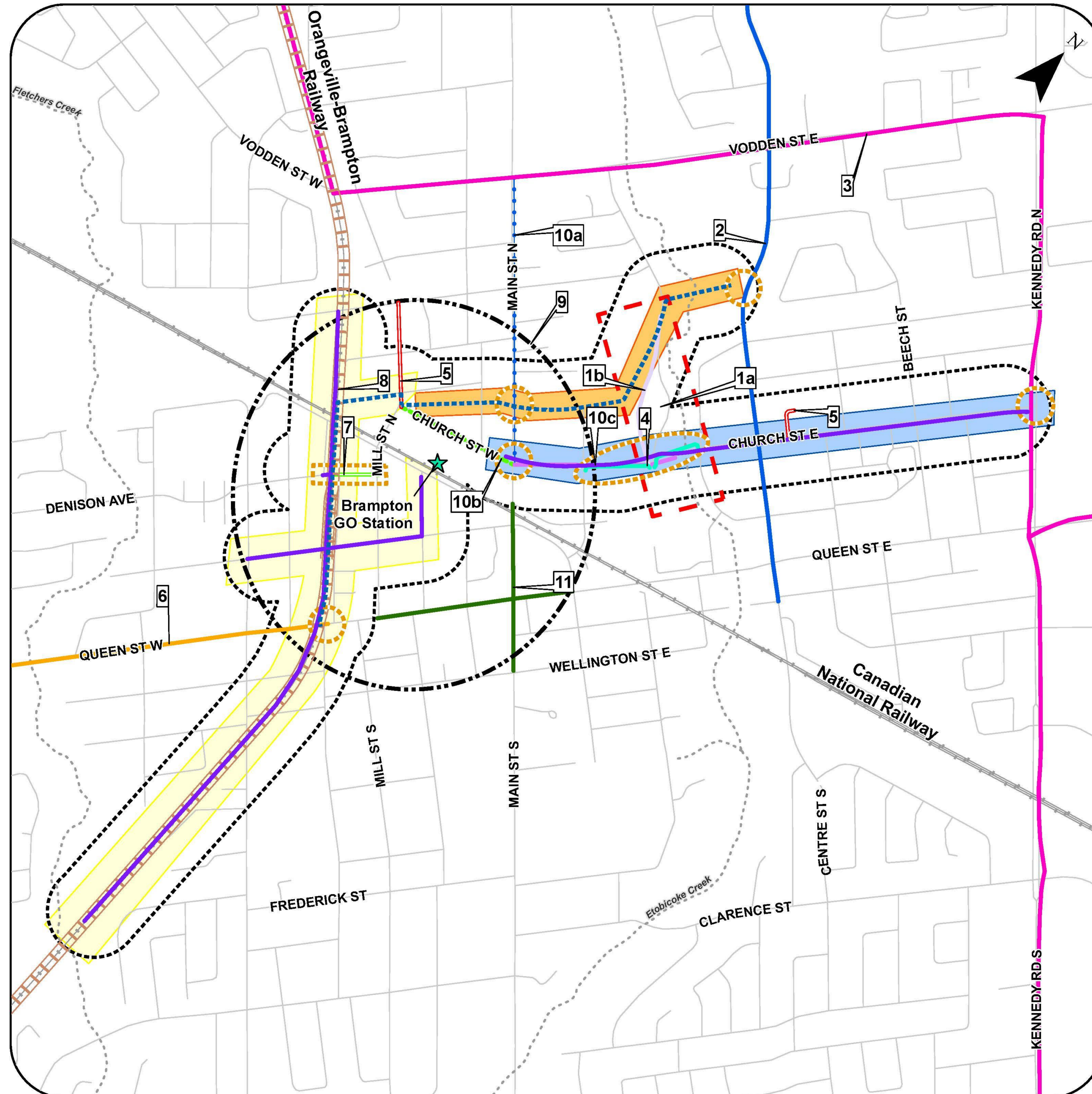
Flow | Central Brampton projects:

- **Centre Street watermain installation (Project 19-1156) (2)**
- **Kennedy Road sanitary trunk sewer (Project 24-2593) (3):** peelregion.ca/construction/environmental-assessments/kennedy-road-sanitary-trunk-sewer-project
- **Denison Avenue and West Street watermain and sewer replacement (Project 25-2300 D) (7):** peelregion.ca/construction/project-25-2300-d
- **Main Street North watermain replacement (Project 25-1150) (10a)**
- **Church Street West watermain replacement (Project 25-1340 C3) (10b)**
- **Church Street East watermain replacement and rehabilitation (Project 25-1340 F) (10c):** peelregion.ca/construction/project-25-1340-f

Other:

- **Alectra Utility and Poles Alignment (4)**
- **Queen Street watermain (Project 18-1357) (6):** peelregion.ca/construction/project-18-1357

Locations of nearby proposed major infrastructure



Project Legend

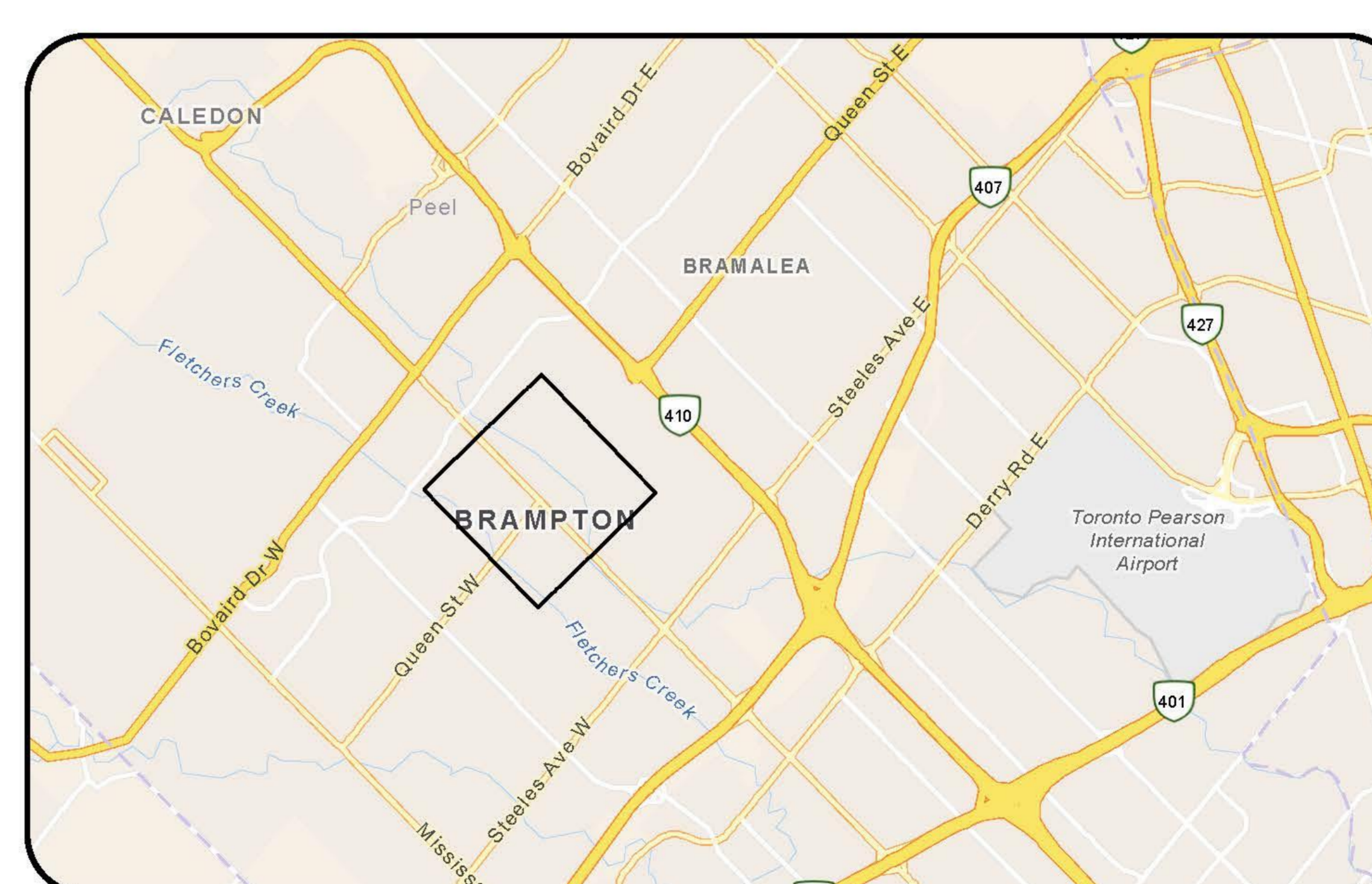
- Study Area
- Proposed Wastewater
- Proposed Watermain
- Interconnected Project Coordination
- Brampton Riverwalk Project (1a)
- Ken Whillans Drive Road Realignment (1b)
- Project 19-1156 - Centre St Watermain (2)
- Project 24-2593 - Kennedy Road Sanitary Trunk Sewer (3)
- Alectra Utility and Poles Alignment (4)
- Brampton Roads Resurfacing Projects (5)
- Project 18-1357 - Queen St Watermain (6)
- Denison Avenue Project Works (incl. Denison Ave Road Extension and Project 25-2300 D - Denison Ave and West St Sewer Replacement and Watermain Extension) (7)
- Brampton-Orangeville Rail Trail (BORT) (8)
- Brampton Transit Hub (9)
- Project 25-1150 - Main St N Watermain (10a)
- Project 24-1340 C3 - Church St W Watermain (10b)
- Project 25-1340 F - Church St E Watermain (10c)
- Downtown Brampton Streetscaping Project (11)
- Package 1 - 600mm Watermain
- Package 2 - Orangeville-Brampton Railway Sanitary Sewer
- Package 3 - Church St Wastewater Main
- Brampton GO Station

Flow | Central Brampton

General Legend

- Railway
- Watercourse
- Roads

Data Sources:
Government of Ontario, Region of Peel
PN: 60775715
March 17, 2026



Stay connected and get involved



Fill out the survey by April 10, 2026

Sign up for the mailing list or send feedback, questions or concerns to:

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*Feedback collected on this study will conform with the *Freedom of Information and Protection of Privacy Act*. It will be documented as part of this study and may be publicly available.



Keep up to date with Flow | Central Brampton and its projects on the Flow Program website.



Sign-up for Flow | Central Brampton construction email notices.