

Welcome

Featured Projects
Public Information
Centre #1

December 3, 2025

Flow | Central Brampton peelregion.ca/flow-program





Why are we here?

FIOW Building our future, faster.

Today, you can find out more about:

What is the Flow | Central Brampton Program?

Flow | Central Brampton is advancing 30+ essential water and wastewater infrastructure projects across the city over the next decade.

Why is it important?

The planned level of construction activity in Brampton is unprecedented. To help reduce construction impacts and keep things running smoothly, Peel is working closely with the City of Brampton, regulatory agencies, utility providers and the community. By coordinating our efforts and providing timely communications, we aim to minimize both the duration and impact of construction in your neighbourhoods.

What we will focus on, and why:

We are showcasing 11 Flow | Central Brampton projects at different stages of design and construction. These projects have been grouped by their milestones and geographic locations to provide a clear overview of how they fit within the broader Flow Program.

We will focus on:

What's happening in your area: Project timelines, locations and types of work.

How these projects connect: How coordinated construction methods reduce disruptions and support long-term system reliability.

What's next: Upcoming design and construction activities and how you can stay informed and provide feedback.



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.

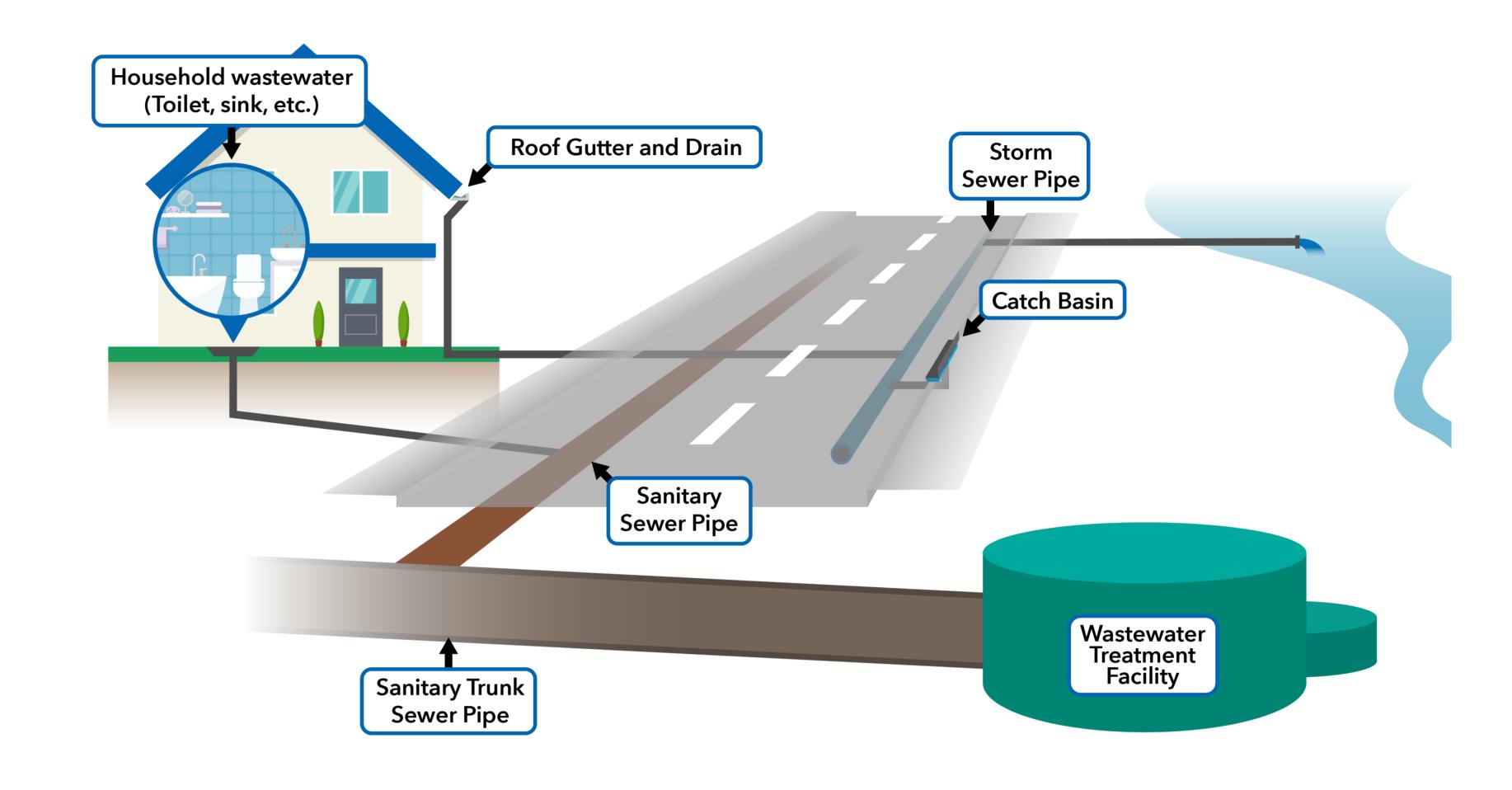
Pipes running throughout your property collect wastewater. It then leaves your building through an underground pipe that leads to the sanitary sewer system.

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



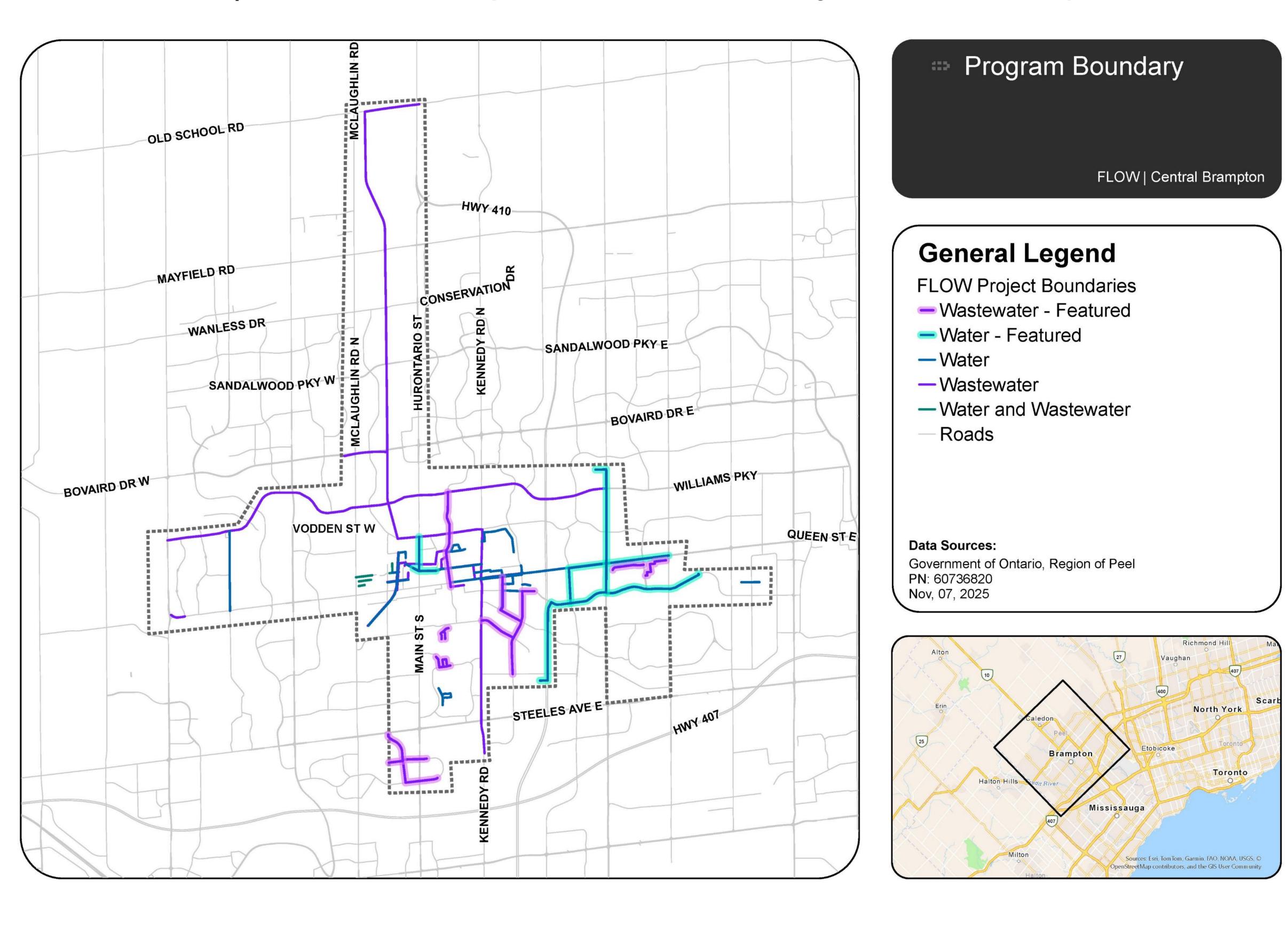
Flow | Central Brampton Featured Projects



Projects featured at today's Public Information Centre include:

- Cathedral Rd, Crestview Ave, Avonmore St and Bartley Bull Ave sanitary sewer replacement (22-2300)
- Centre St watermain installation (19-1156)
- Church St watermain replacement and rehabilitation (24-1340)
- Clark Blvd watermain installation and replacement (25-1159)
- East Brampton watermains (14-1240)
- Hansen, Orenda and Rutherford Rd sanitary sewer replacement (24-2151)
- Kensington Rd and Knightsbridge Pk sanitary sewer replacement (23-2150)
- Malta Ave sanitary sewer installation (19-2158)
- Peel Centre Dr sanitary sewer replacement (25-2161)
- Ray Lawson Blvd and Sir Lou Dr sanitary sewer and watermain replacement (25-2146)
- West Dr and Queen St valve replacements (19-1302)

Flow | Central Brampton Featured Projects Area Map



Learn more about current and planned Flow Program projects.



What is Flow | Central Brampton?

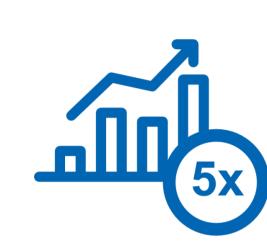




Flow | Central Brampton is a program designed to build more water and wastewater infrastructure projects, faster, throughout Brampton.



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.

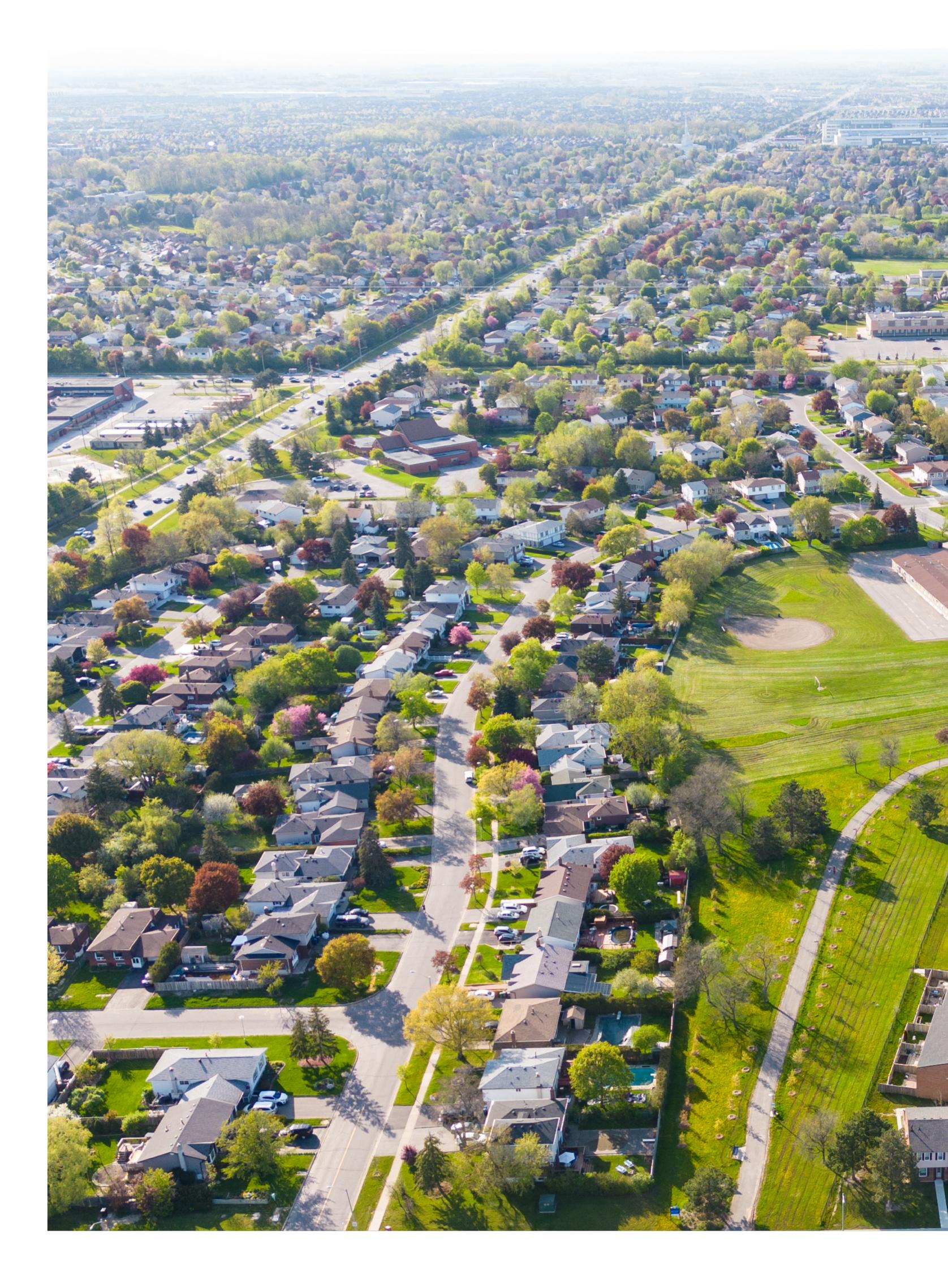


In support of the Province's plan to meet local housing needs, the City of Brampton has advanced its Housing Brampton strategy and reinforced its commitment through the Municipal Housing Pledge.



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.

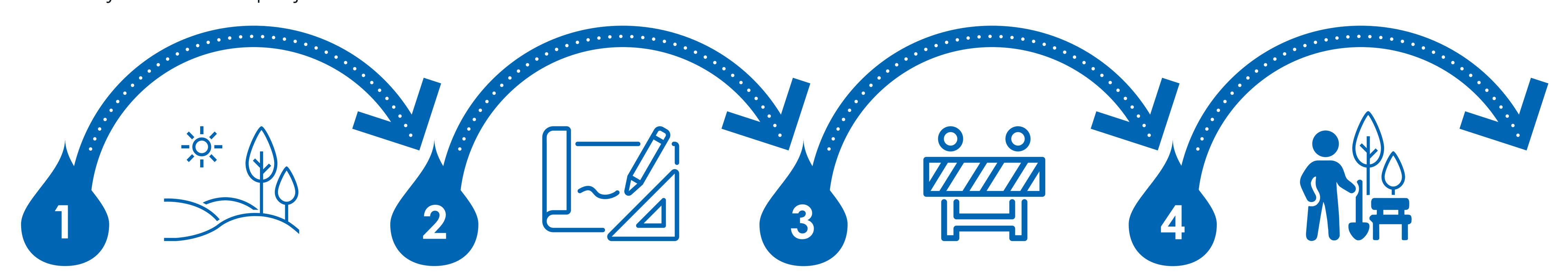
Flow | Central Brampton will meet these demands, grouping many projects together under one program umbrella and driving efficiency.



Project phases



Flow | Central Brampton projects follow the phases outlined below. Keep an eye out for these icons on project display boards to easily identify where each project is at.



Environmental Assessment

Process: Before any work begins, we study the area to understand the environment and community. We review existing conditions like traffic, noise and natural features, and engage with the community. The goal is to find the best option for the project, while protecting people and the environment.

What to expect: Notice of Commencement, Public Information Centres (PICs) to share the problem/opportunity, alternative solutions, evaluation results and final study report, followed by Notice of Completion.

Detailed Design

Process: Once the preferred option is chosen, we design the details including pipe sizes and construction methods, considering how to reduce impacts to the community. This phase turns the plan into a buildable project.

What to expect: Advance and Field Investigation Notices, Business and Institutional Care Program (BICP) survey and PICs to share updates before construction starts.

Construction

Process: This is when the project is built. Crews set up safe work areas and use machinery to install new infrastructure like watermains and sanitary sewers.

What to expect: : Notice of Construction Commencement, notices of temporary disruptions, on-site Communication Ambassadors and Inspectors, updates by mail, email or hand-delivery, and project webpages.

Restoration/Clean-Up

Process: After construction, crews restore areas affected by the work, including roads, sidewalks, driveways and landscaping. Everything is repaired or replaced to match or improve original condition, leaving the area clean and safe.

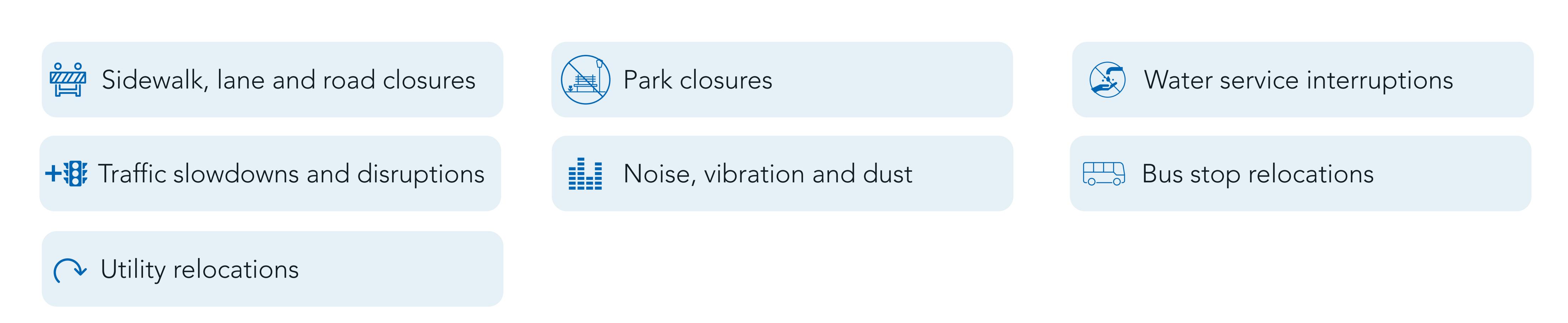
What to expect: : Final inspections, site clean-up, restoration of disturbed areas, removal of equipment and Notice of Completion.

Construction



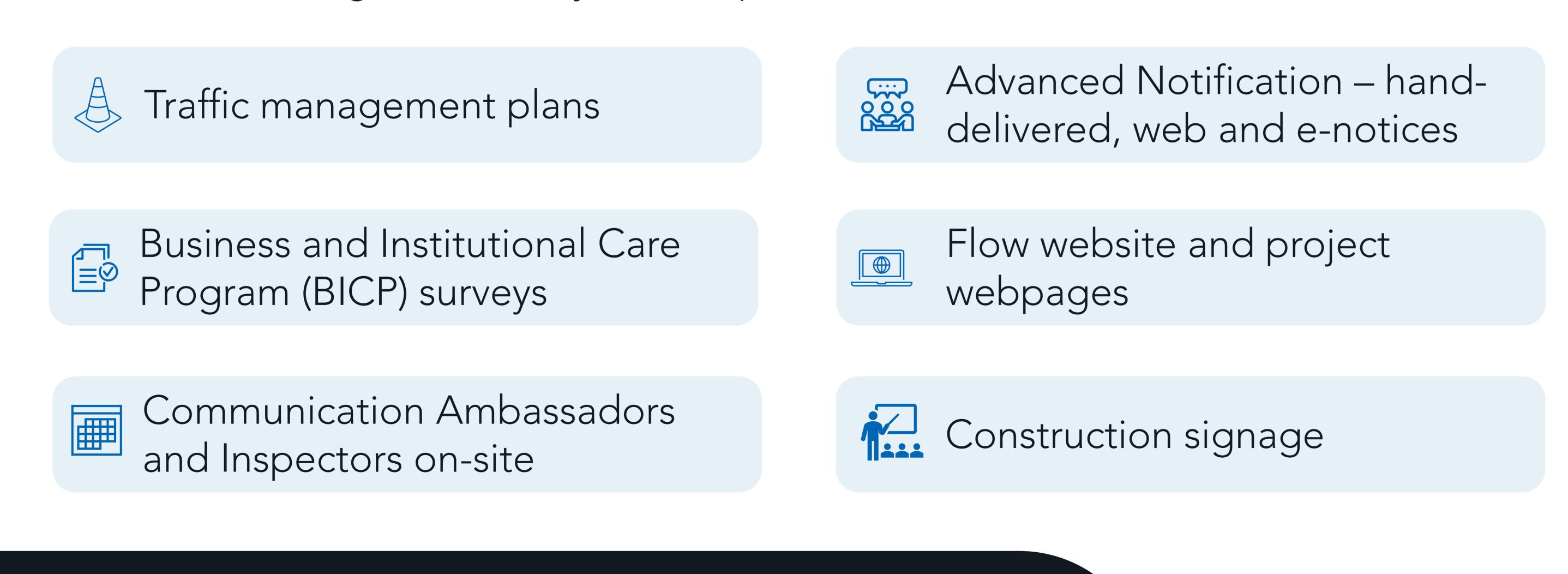
What to expect

Our designs and construction methods work to minimize the temporary impacts you may experience as we build new infrastructure to provide safe and reliable water and wastewater services.



How we help

To help reduce impacts to your neighbourhood, we communicate with you before, during and after construction, and work collaboratively with the Flow Program and City of Brampton teams.



- Maintenance of emergency vehicle route access and open communications with Emergency Services
 - Coordination with nearby construction projects, public transportation providers and utility services

Trenchless construction method



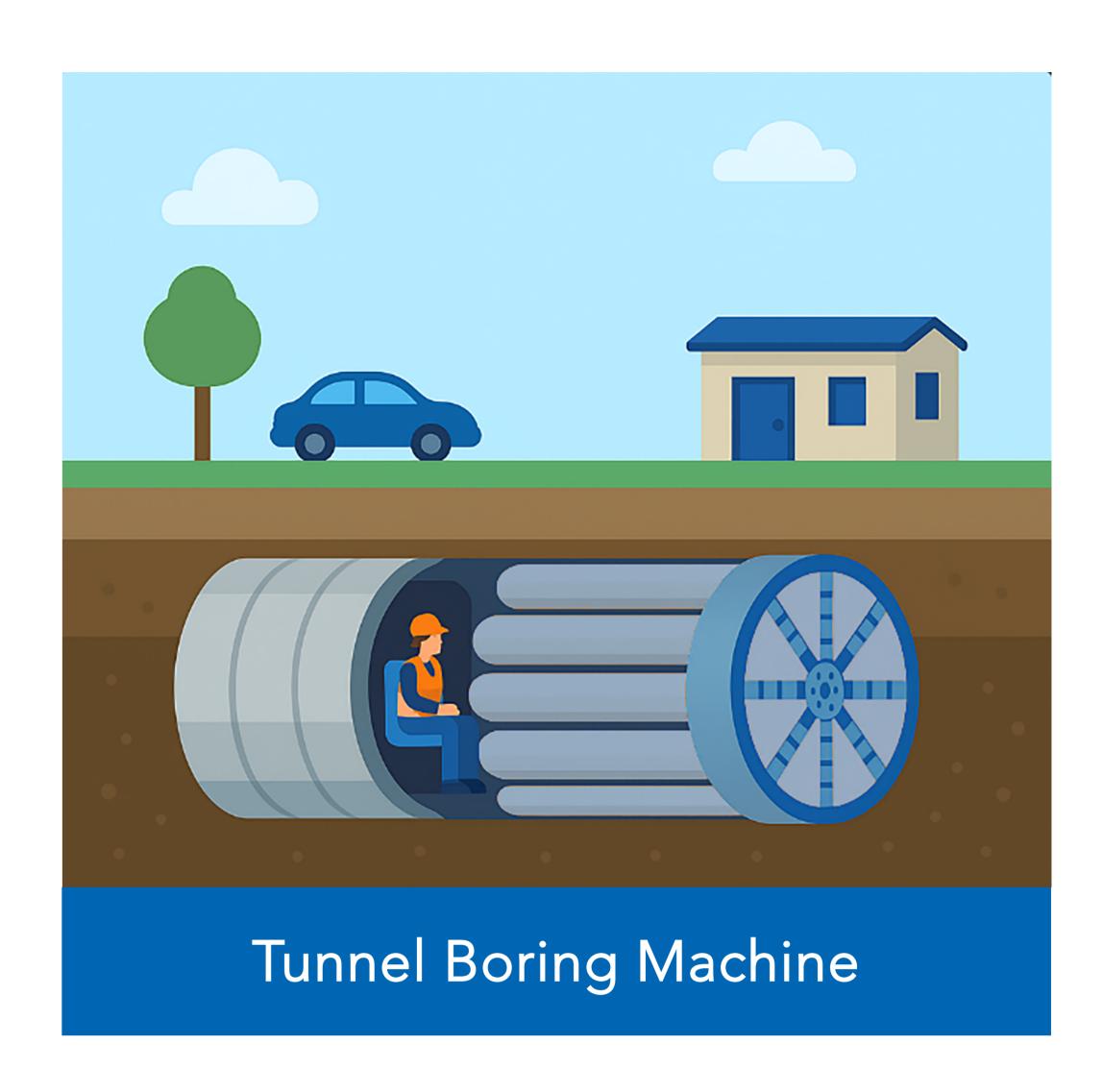
"Trenchless" is a construction methodology used to install sewer pipes with minimal surface excavation, except at shaft locations. Shafts are needed to lower or retrieve the tunneling machinery. Shafts can be used for the construction of maintenance holes. Trenchless construction techniques are outlined below.

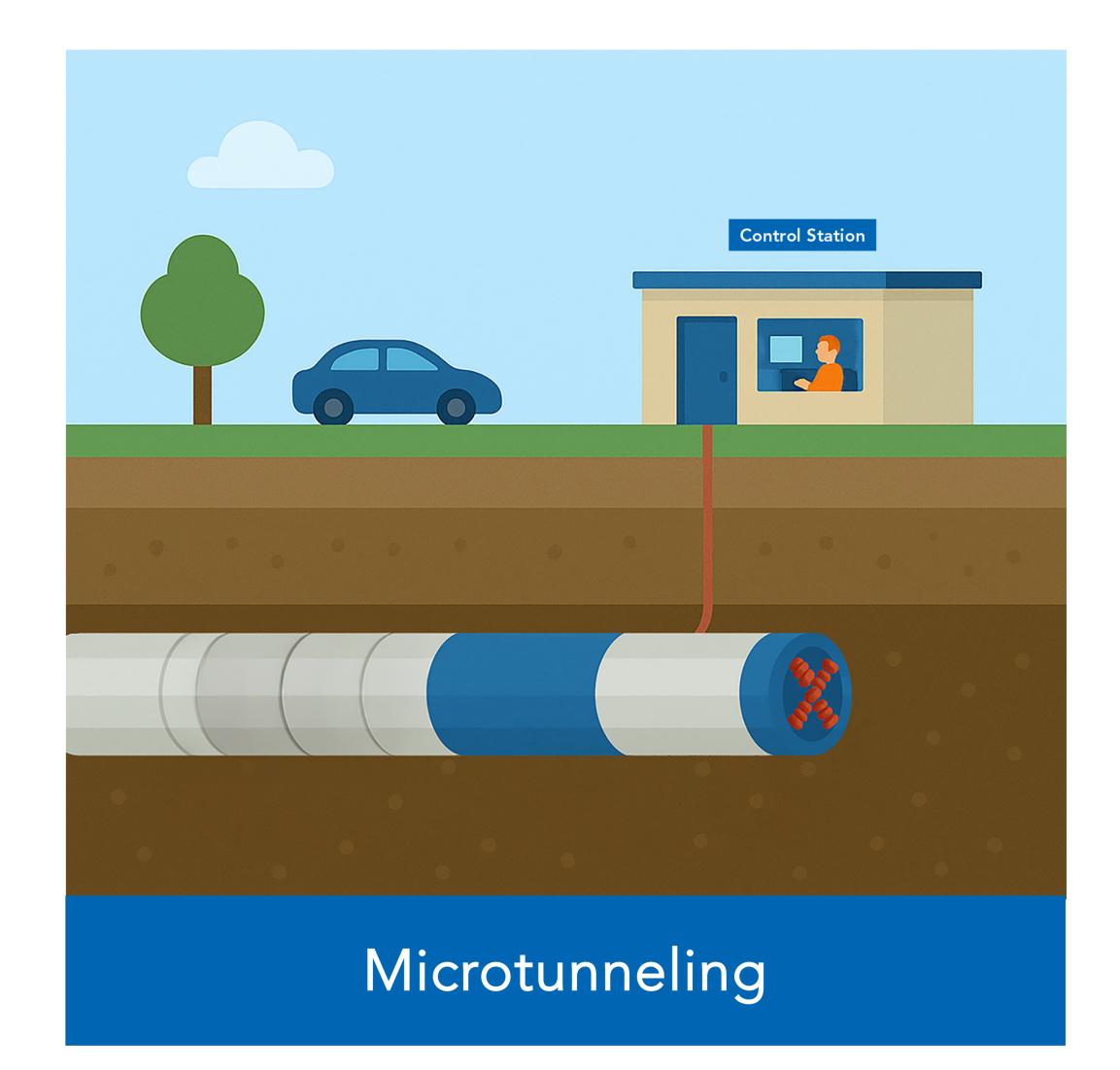
Conventional tunneling

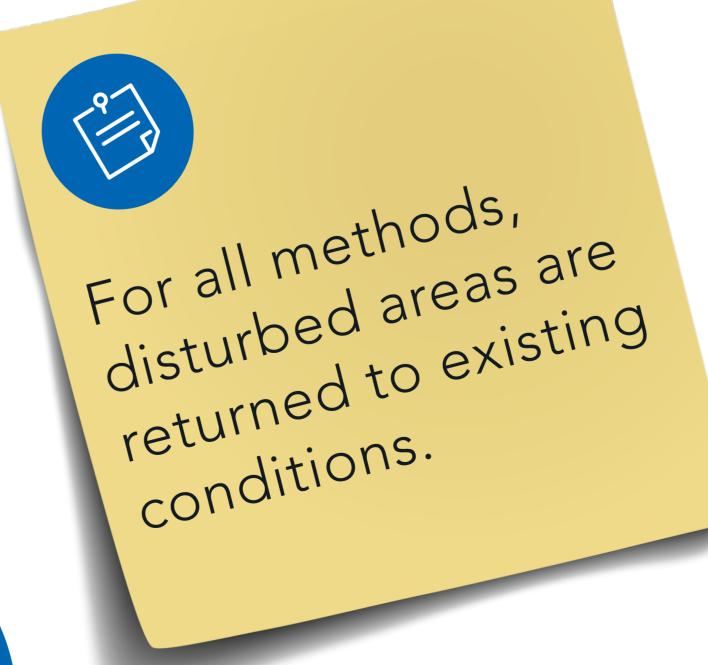
- Trenchless tunneling methodology, using a large tunnel boring machine (TBM).
- Typically large in diameter and can tunnel long distances, enabling shafts to be spaced further apart and reducing community impacts.
- Operated by an operator underground.

Microtunneling

- Trenchless tunneling methodology
- Includes the use of a micro-tunnel boring machine (MTBM), which uses hydraulic jacks to push pipes through the ground.
- MTBMs are typically smaller and tunnel shorter distances, requiring shorter spaced shafts.
- Minimal surface disruption makes it ideal for construction in busy areas.
- Operated from control stations located above ground.





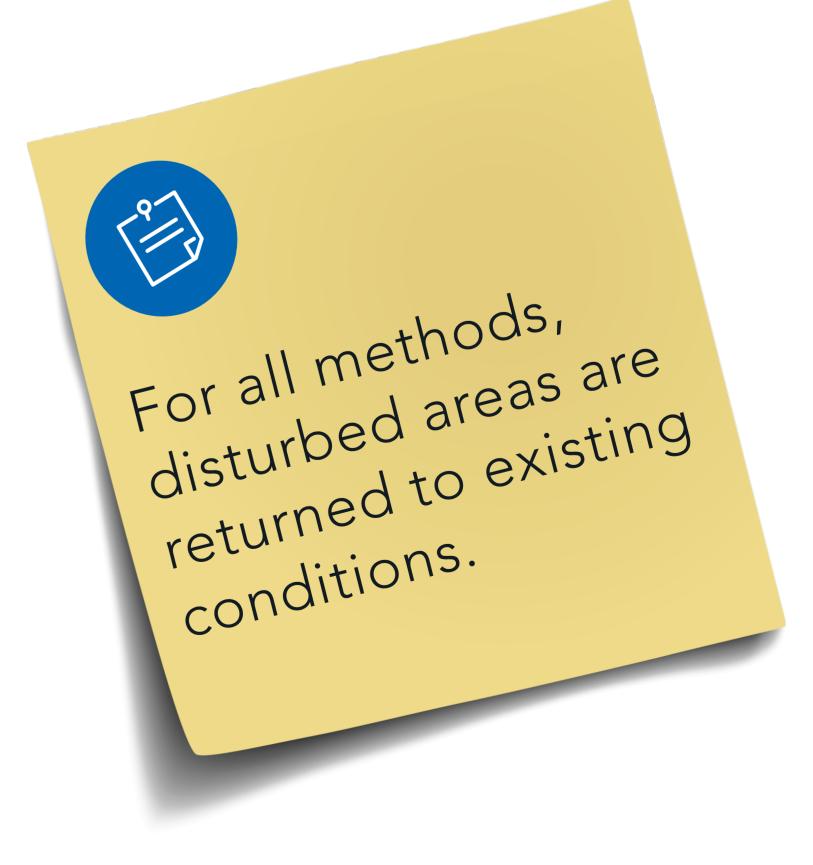


Open-cut construction method



A construction methodology where a trench is cut into the ground for the installation of the watermain or sewer pipe and maintenance holes. Typical equipment used for this type of construction includes excavators, pipe layers, cranes, dump trucks, dewatering pumps, cutting tools and shoring systems to support trench walls and ensure safety.







Cathedral Road, Crestview Avenue, Avonmore Street and Bartley Bull Parkway sanitary sewer replacement (22-2300 A2)



Project overview:

Construction is underway to replace the aging sanitary sewers along Cathedral Road, Crestview Avenue, Avonmore Street and Bartley Bull Parkway. Sanitary sewer replacements will be followed by asphalt repaving.

Construction method:

Open cut methods are being used.

What to expect:

- Continued construction activity followed by restoration works.
- Notifications as necessary.

Next steps:

- Construction of the main pipes on Cathedral Road and Bartley Bull Parkway, including temporary restoration, in Winter 2025/26.
- Replacement of sewer service connections in Spring 2026.
- Final surface restoration in Summer 2026.









Centre Street watermain installation (19-1156)



Project overview:

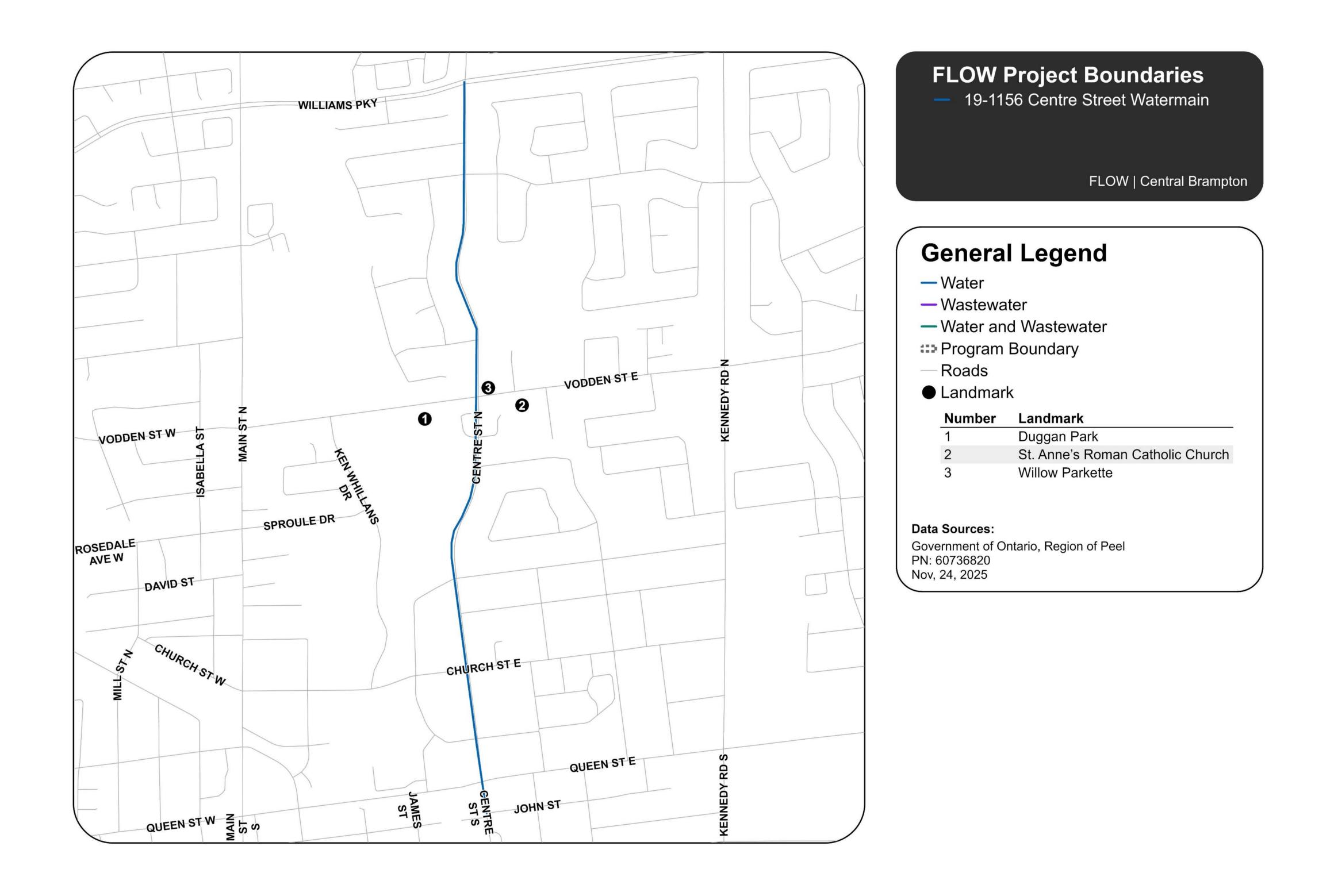
• Installation of a new watermain along Centre Street, from Williams Parkway to John Street, to improve water supply in Downtown Brampton.

Construction method:

• Open cut trenches and trenchless methods will be used.

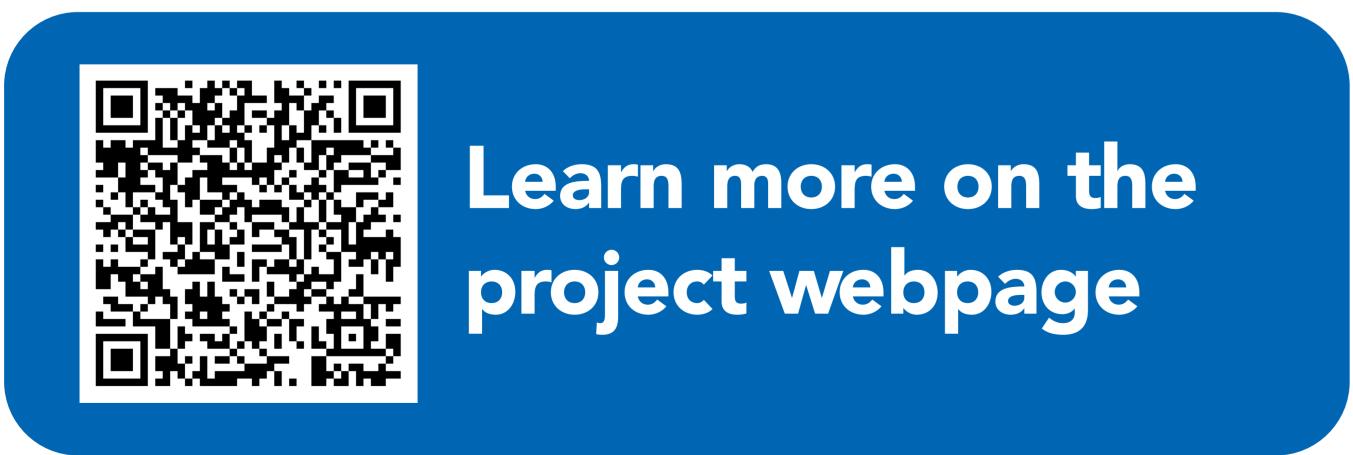
What to expect:

- Continued Field Investigations in Duggan Park and Queen Street through to January 2026.
- Closure of Willow Parkette at Vodden Street and Centre Street during construction to allow space for the shaft.



Next steps:

- BICP survey.
- Toronto and Region Conservation Authority (TRCA) Permit Approval.







Church Street watermain replacement and rehabilitation (24-1340)



Project overview:

Replacement of the existing watermains under two contracts:

- Contract 1: Along Church Street between Ken Whillans Drive and Main Street.
- Contract 2: Along Church Street between Main Street and Thomas Street, and along Main Street between Vodden Street and Church Street.

Construction method:

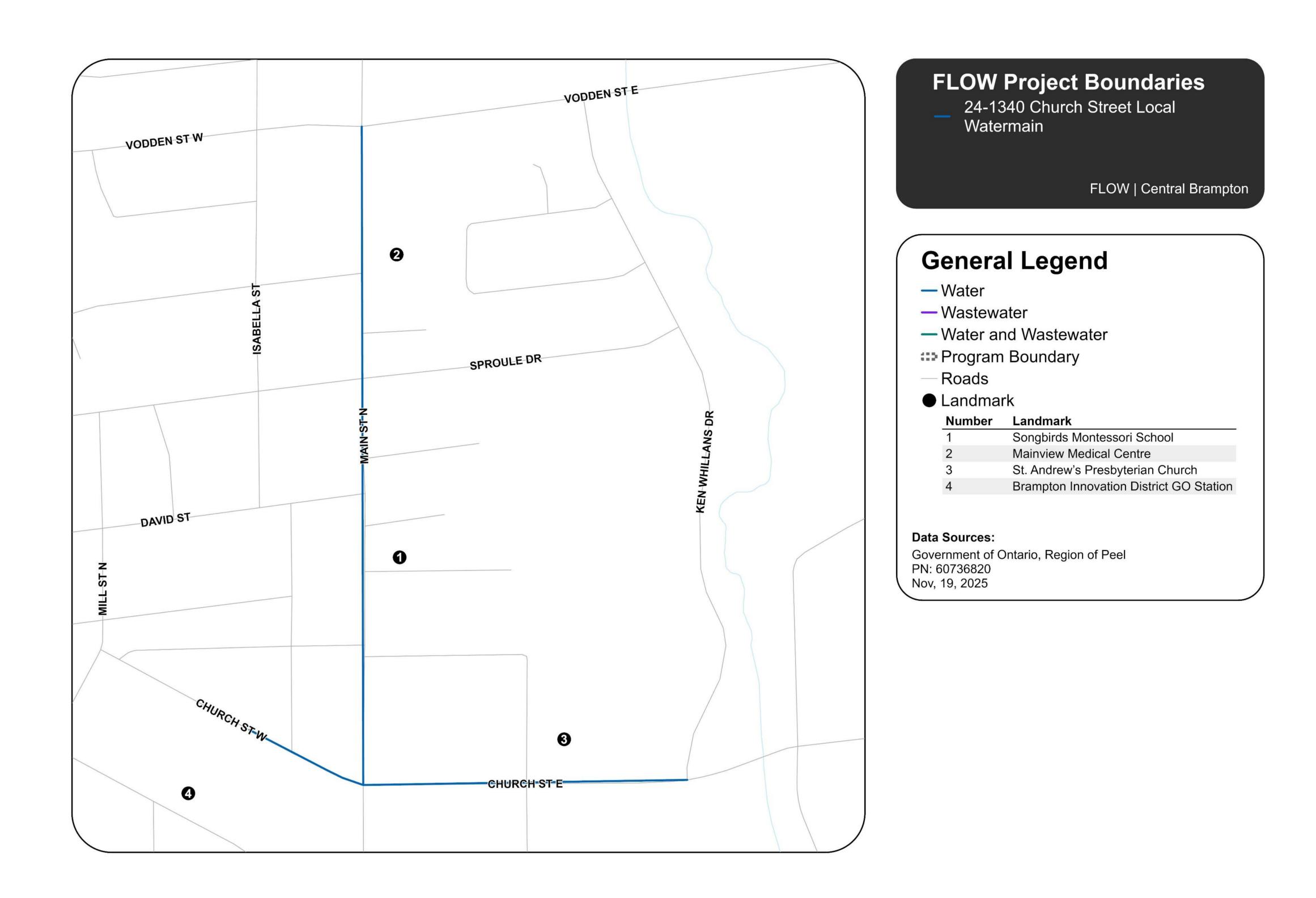
• Open cut trenches will be used.

What to expect:

- Field investigations for Contract 2 through to Spring 2026.
- Notice of Construction Commencement for Contract 1 in Winter 2025/26 and for Contract 2 in Summer 2026.
- Notifications throughout construction, as necessary.

Next steps:

- Permits for Toronto and Region Conservation Authority (TRCA).
- Construction starts for Contract 1 in Winter 2025/26.





Ongoing Consultation and Engagement



Clark Boulevard watermain installation and replacement (25-1159)



Project overview:

- Construction of two new watermains along Clark Boulevard from Dixie Road to Bramalea Road.
- Replacement of the watermains along Clark Boulevard, from Dixie Road to Central Park Drive, and from Bramalea Road to Finchgate Boulevard.

Construction method:

 Most pipes will be installed using open cut trenches. For creek crossings, a trenchless method will be used to install the watermain under the creek without disturbing it.
 Construction will move block by block, with work on one side of the street at a time to reduce disruption.

What to expect:

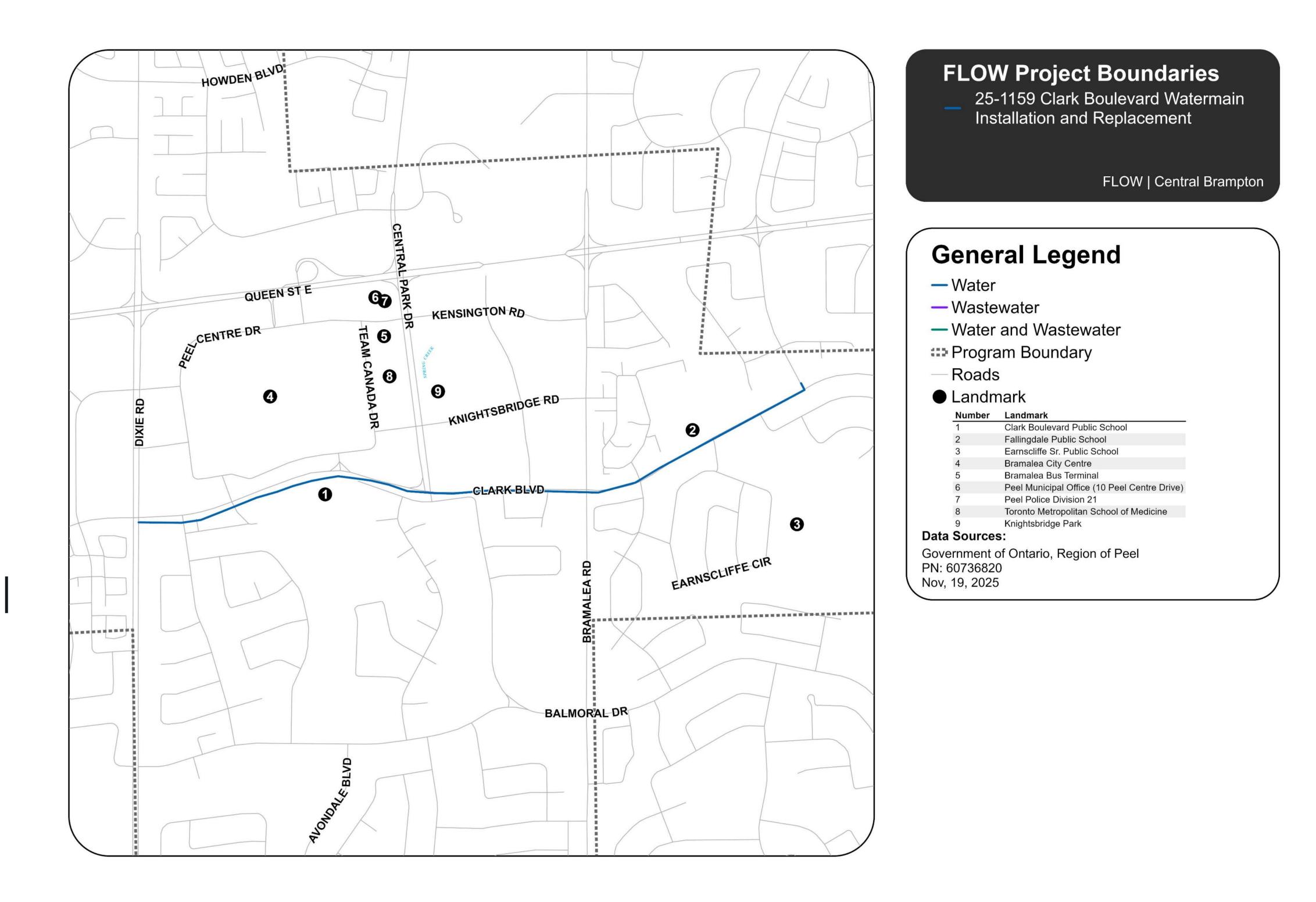
• Field investigations from Summer 2025 to Spring 2026.

Next steps:

- Continued field investigations.
- BICP survey.
- PIC #2 in 2026.



Learn more on the project webpage







East Brampton watermains (14-1240)



Project overview:

- Construction of two new transmission mains from the Beckett Sproule Pumping Station to the East Brampton Pumping Station. This project is separated into three contracts:
 - o Contract 1: Dixie Road between Clark Blvd and North Park.
 - o Contract 2: Clark Blvd and Heart Lake Road.
 - o Contract 3: Commissioning both watermains (filling, testing and connecting them to the water system).

Construction method:

- Contract 1: Trenchless microtunneling and conventional tunneling, using a tunnel boring machine (TBM).
- Contract 2: Conventional tunneling, using a TBM.

Project phase:

- Contract 1: Construction.
- Contract 2: Detailed Design.
- Contract 3: Commissioning, upon completion of Contract 2.

What to expect:

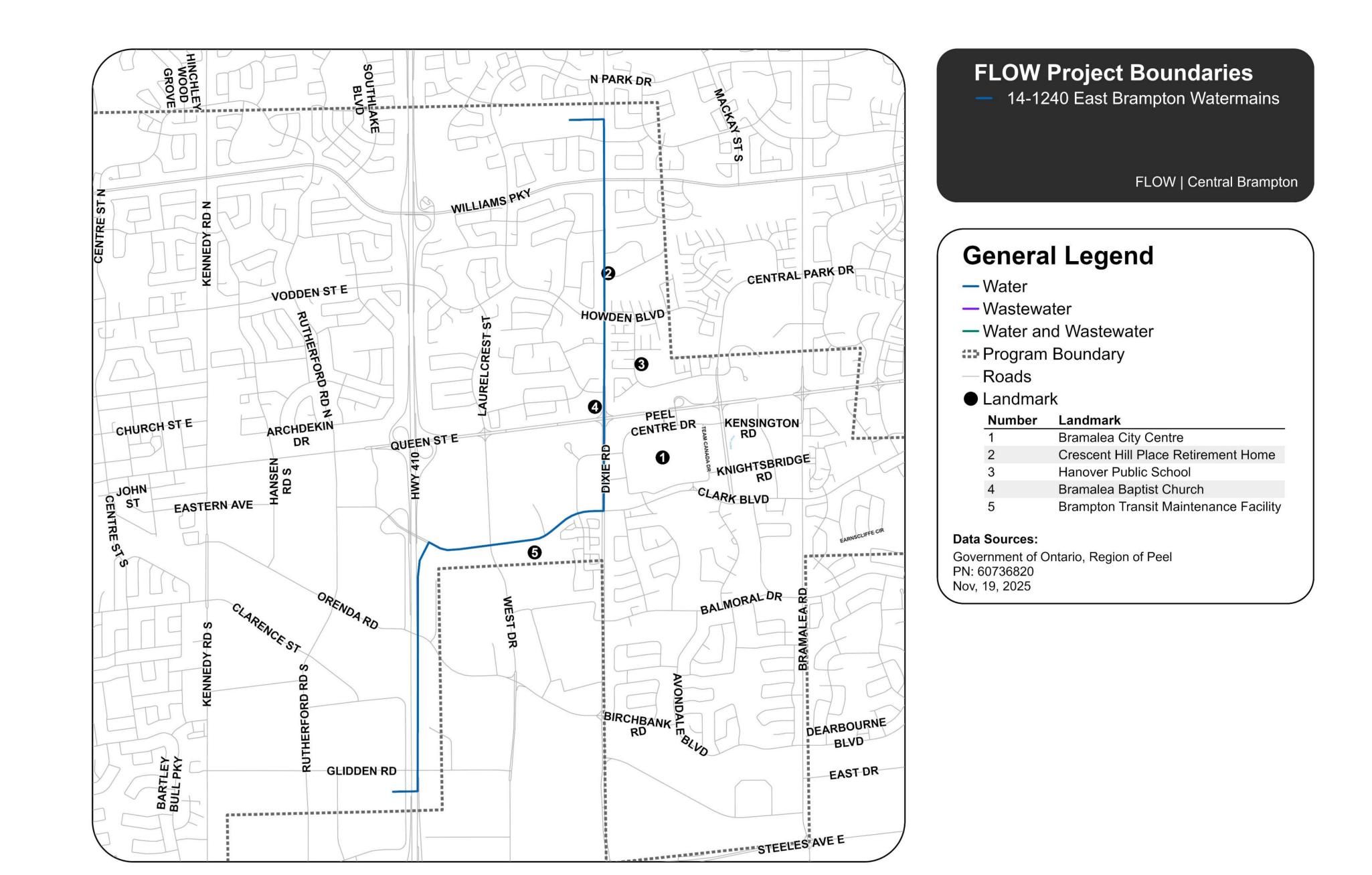
- Contract 2 Detailed Design nearing completion.
- Tunnelling compounds with barrier walls to reduce noise and vibration.

Next steps:

Contract 2 construction starts in Summer 2026. Testing and service will follow immediately after completion of Contract 2 construction.



Learn more on the project webpage





^{*} Timing provided is an estimate and is subject to change.



Hansen, Orenda and Rutherford Road sanitary sewer replacement (24-2151)



Project overview:

- Replacement and upsize of the sanitary sewers along Rutherford Road South, from Clark Boulevard to Glidden Road, and on Clark Boulevard, Orenda Road, Hansen Road South, and Clarence Street to upgrade the existing wastewater infrastructure and support future growth.
- Small diameter watermains to be replaced on Clark Boulevard and Hansen Road.

Construction method:

- Open cut trenches will be used will be used to install pipes, using hydrovac trucks (which use water and suction to safely remove soil) and hand digging in tighter areas.
- There is potential for a trenchless crossing at the rail line on Clarence Street.

What to expect:

• Field investigations from Summer to Winter 2025.

Next steps:

- Continue field investigations.
- Conduct BICP survey.



Learn more on the project webpage







Kensington Road and Knightsbridge Park sanitary sewer replacement (23-2150)



Project overview:

Replacement of the sanitary sewers on Knightsbridge Park, Kensington Road and Kings Cross Road and Easement (north and parallel to Kensington Road).

Construction method:

• Trenchless construction activities are now complete. Open cut methods are progressing.

What to expect:

- Continued construction activity followed by restoration works.
- Closure of multi-use pathway from Kensington Road to the tennis court.
- Lane reductions along Kensington Road.
- Notifications as necessary.

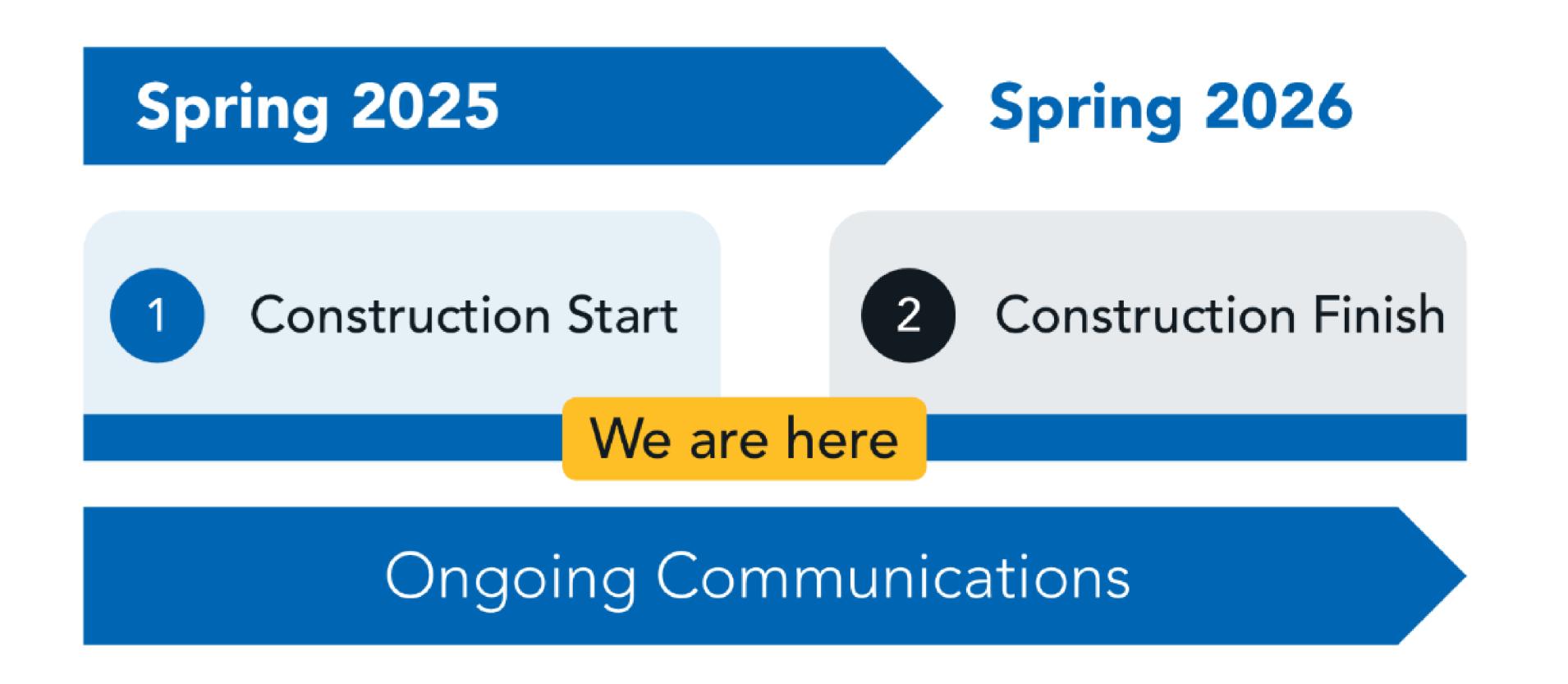
Next steps:

- Sewer installation scheduled for completion by end of 2025.
- Final restoration planned for Spring 2026.



Learn more on the project webpage







Malta Avenue sanitary sewer installation (19-2158)



Project overview:

• Installation of a new sanitary sewer along Malta Avenue and the multi-use pathway adjacent to Fletcher's Creek Senior Public School to support two future developments, including one that will connect to the new sanitary sewer at Malta Avenue and Sir Lou Drive.

Construction method:

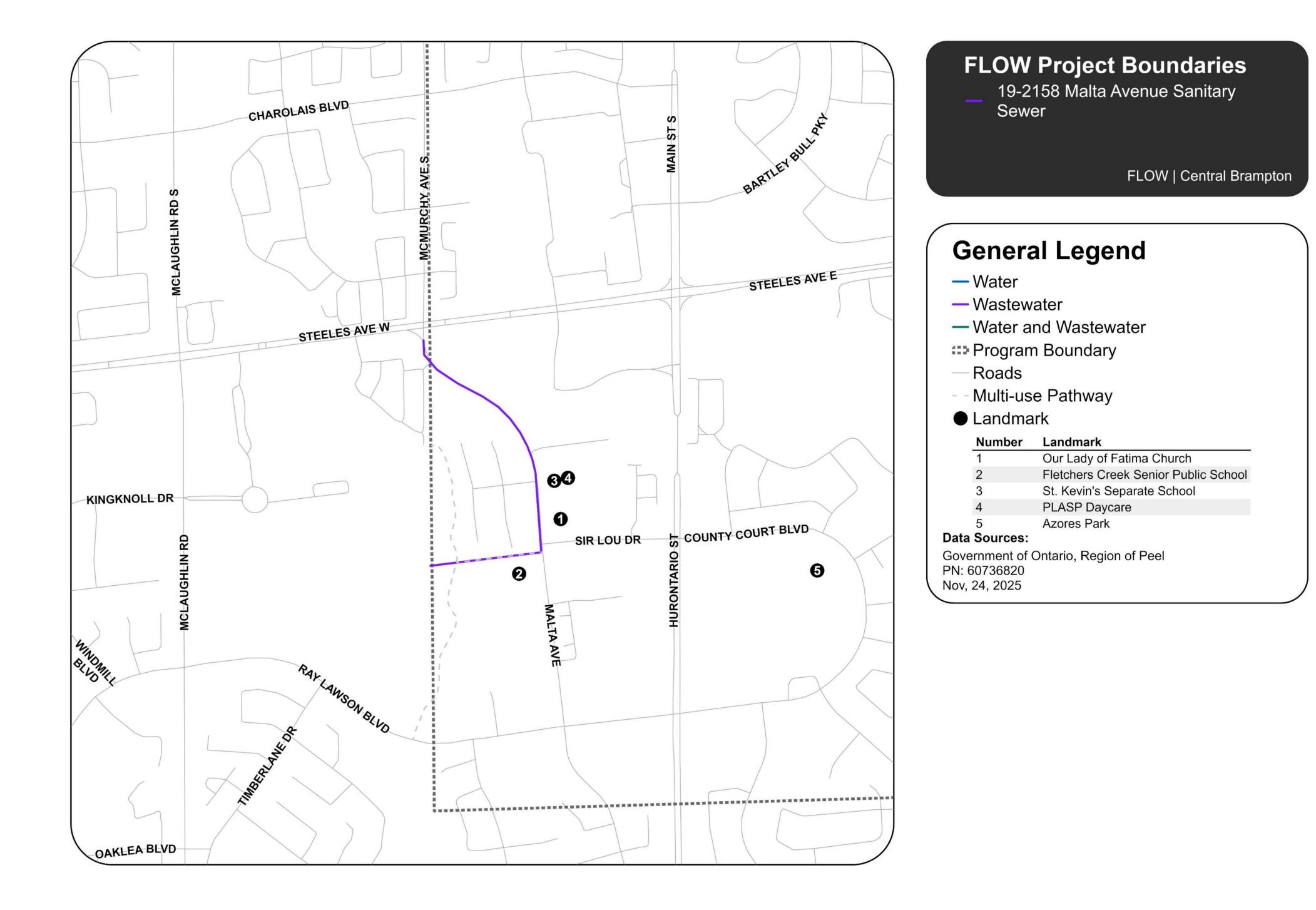
• Trenchless methods, using a micro-tunnel boring machine (MTBM), which was launched in October 2025.

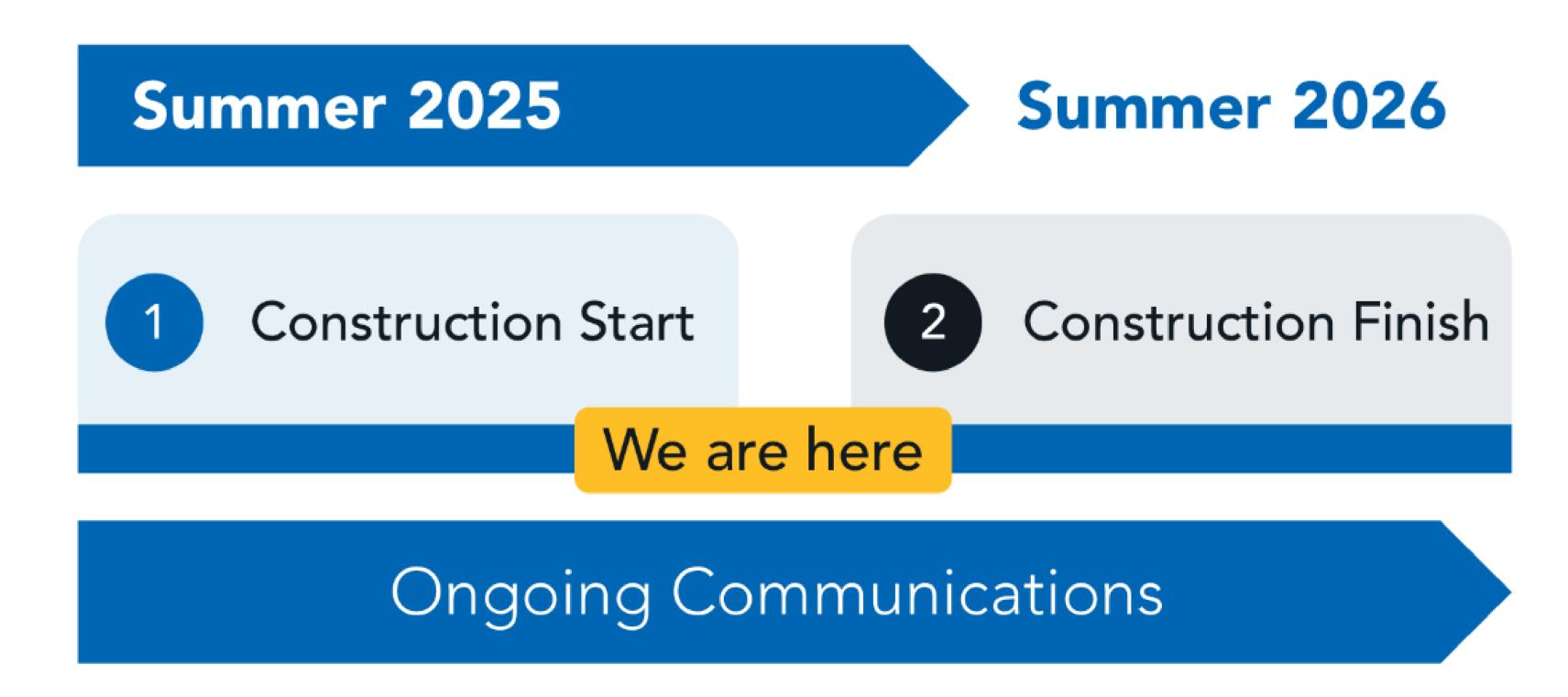
What to expect:

- Temporary closure of Azores Park and fronting sidewalk, multi-use path and one lane along Malta Avenue.
- Paid Duty Officers and Flaggers on-site as required to help ensure safety of students, staff and caregivers of Fletchers Creek Senior Public School and pedestrians, cyclists and drivers.
- Notifications as necessary.

Next steps:

• Construction works, specifically tunneling via the MTBM to continue through to Summer 2026.









Peel Centre Drive sanitary sewer replacement (25-2161)



Project overview:

 Replacement of the existing sanitary sewer and service pipes along Peel Centre Drive, between Central Park Drive and The Keg (46 Peel Centre Drive).

Construction method:

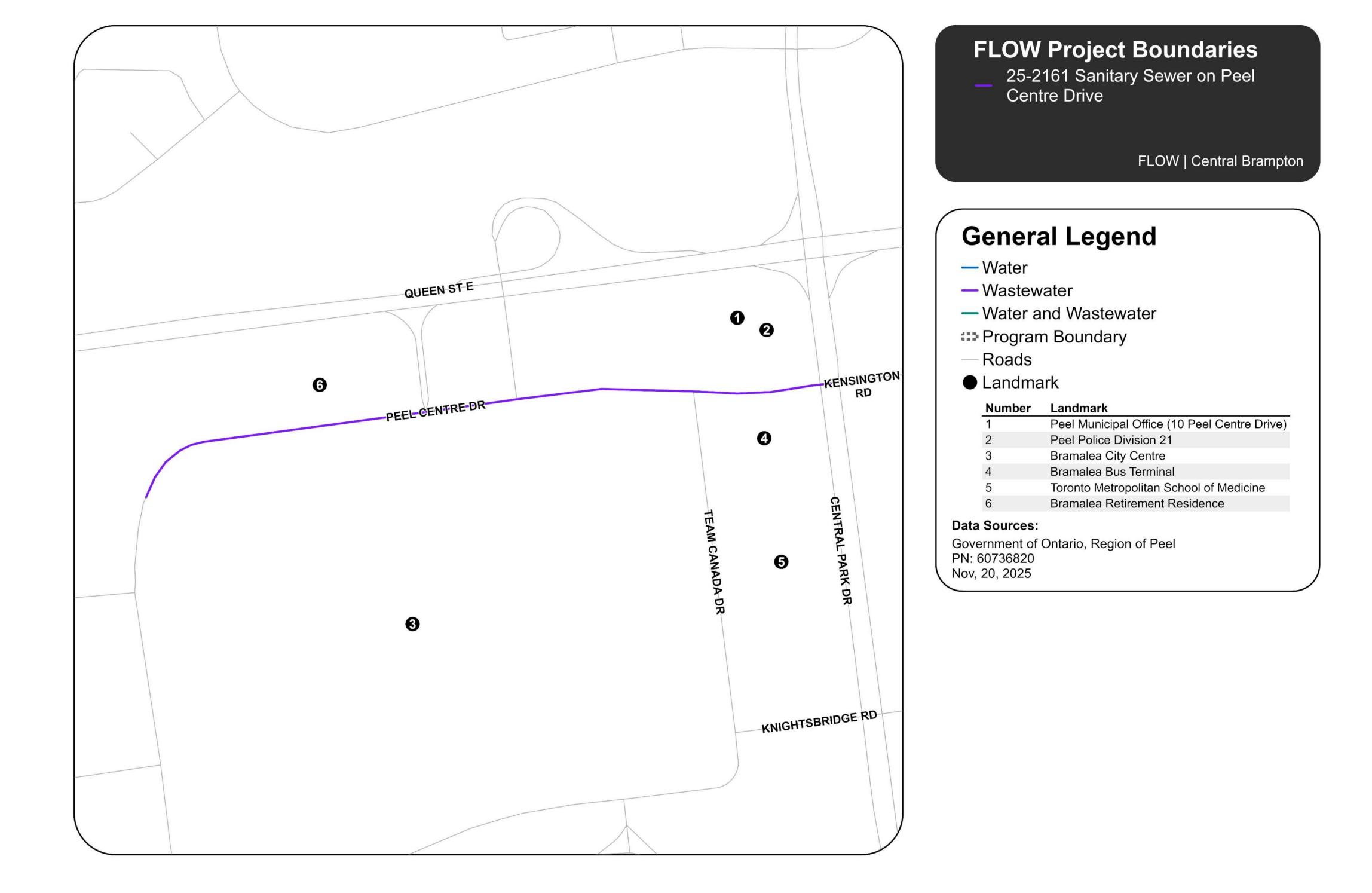
Open cut trench and trenchless methods will be used.
 Trenchless construction methods will be used in busy areas to help keep traffic moving.

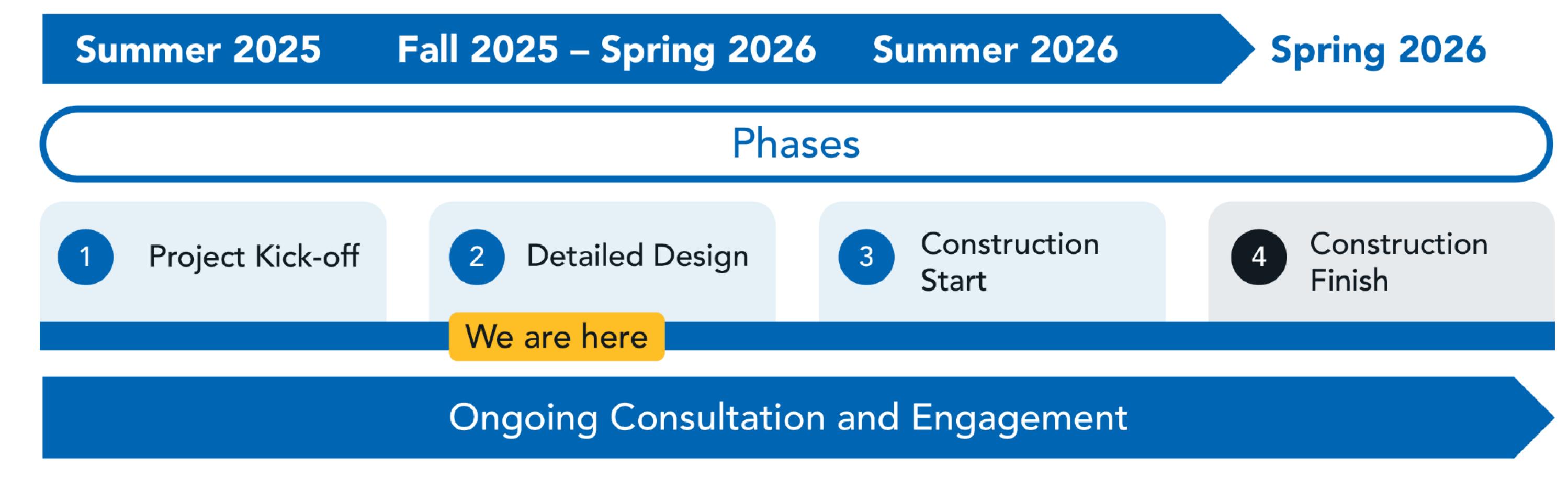
What to expect:

• Field investigations from Winter 2025/2026 to Spring 2026.

Next steps:

- Continued field investigations.
- PIC #2 in 2026.







Learn more on the project webpage



Ray Lawson Boulevard and Sir Lou Drive sanitary sewer and watermain replacement (25-2146)



FLOW Project Boundaries

Project overview:

- Replacement of the sanitary sewer along County Court Boulevard, Ray Lawson Road and Malta Avenue.
- Replacement of the watermain on Sir Lou Drive, from Malta Avenue to Hurontario Street.

Construction method:

Most pipes will be installed using open cut trenches.
 Trenchless construction will take place at the Hurontario crossing.

What to expect:

- Field investigations from Winter 2025/2026 to Spring 2026.
- Updates to bus routes along County Court and Ray Lawson Boulevard.

General Legend Water Wastewater Wastewater Wastewater Wastewater Landmark Landmark 1 Our Lady of Fatima Church Landmark 1 Uttle Bloomers Childrae Center A Ray Lawson Family Clinic Bas Sources: Government of Orderio, Region of Peel PN: 60736870 Nov. 20, 2025

Next steps:

- Continued field investigations.
- BICP survey.
- PIC #2 in 2026.



Learn more on the project webpage





West Drive and Queen Street valve replacements (19-1302)



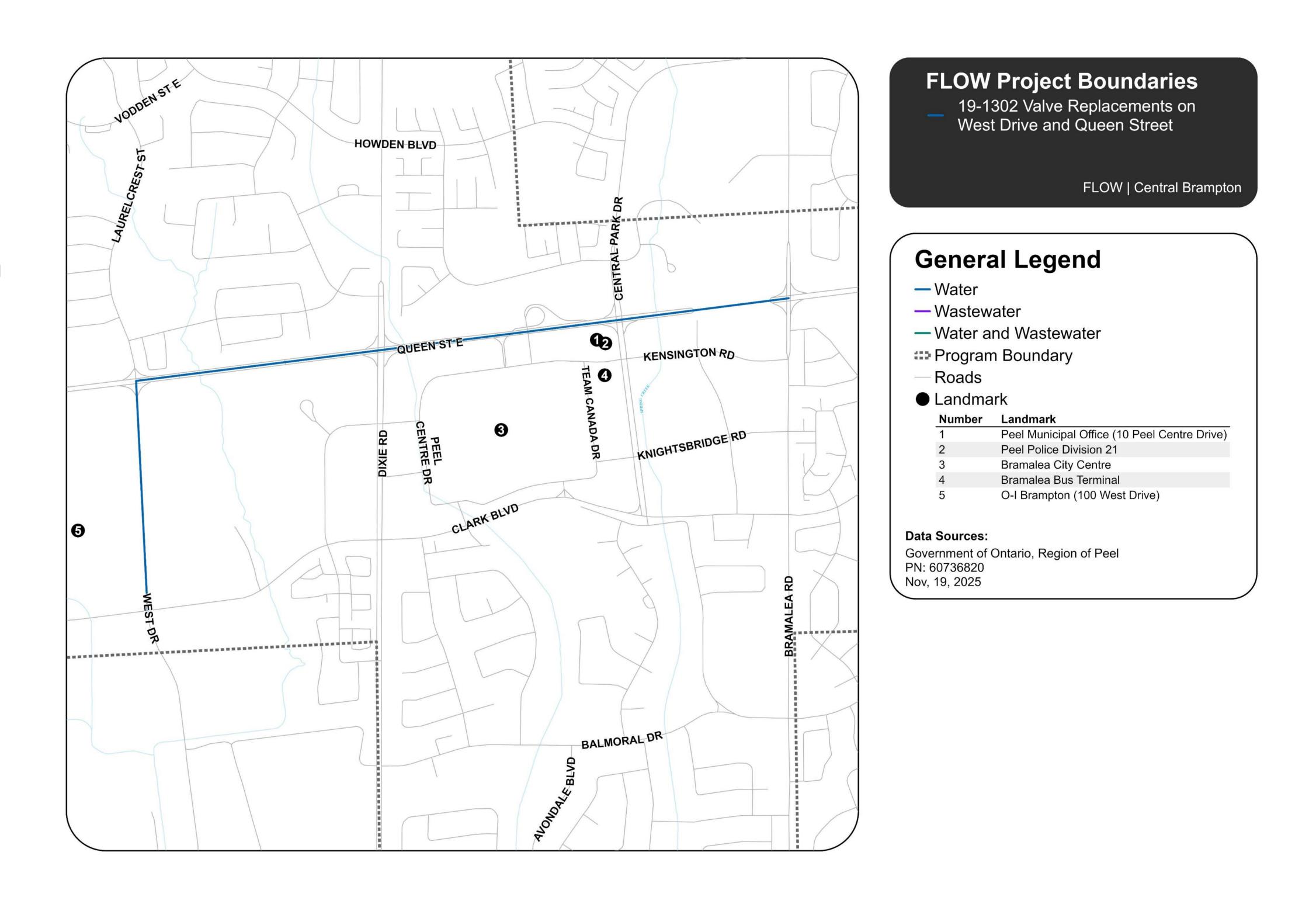
Project overview:

Work will take place in two phases:

- Phase 1: Replacement of valves and valve chambers at two intersections on West Drive, at Queen Street East and Clark Boulevard, and installation of a new watermain along West Drive, between Queen Street East and Clark Boulevard.
- Phase 2: Additional valve replacements and new valve chambers at three intersections on Queen Street East, at Bramalea Road, Central Park Drive and Dixie Road, and at the Clark Boulevard and Bramalea City Centre intersection.

Construction method:

Pipes will be installed using open cut trenches that are safely supported with strong panels (called shoring) to hold the trench walls in place. Excavators, hydrovac trucks (which use water and suction to remove soil), hand digging in tighter areas, and saws to cut through the asphalt will also be used.



What to expect:

• Field investigations from Summer to Winter 2025.

Next steps:

 Continued field investigations to Summer 2025.



Learn more on the project webpage



Coordination of projects and continued collaboration



Collaboration between the Flow | Central Brampton Program team and the City of Brampton will enhance the delivery of water and wastewater projects.

Together, we are working to:

- Align project coordination and scheduling.
- Engage early and collaborate across multiple projects.
- Accelerate and reprioritize project delivery.

The following City of Brampton projects are adjacent to the Flow Featured Projects presented at this PIC, as shown on the map.

- Williams Parkway Road Redevelopment.
- Clark Boulevard Road Capacity Improvements.
- Brampton Riverwalk.
- Downtown Revitalization.

Additionally, Century Gardens Recreation Centre construction of a Community Youth Hub is underway, adjacent to Flow projects Centre Street (19-1156) and Church Street (23-1340).

For more information on City of Brampton projects, visit brampton.ca/EN/residents/Roads-and-Traffic/Pages/Construction-Projects.aspx

Collaboration is essential to planning for growth in a way that supports our communities.

Flow Featured Projects and Nearby City of Brampton Projects



Only Flow 'featured projects' and nearby City of Brampton projects are displayed on this map. See the Flow Program Area map for a complete list of Flow | Central Brampton projects.

Stay connected and get involved





Provide your feedback! Speak directly with a member of our Flow Program team or complete a paper or online Feedback Form by January 5, 2026.



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.



Participate in the Kennedy Road Sanitary Trunk Sewer Project PIC #3! Join us inperson on December 11, 2025, and online from December 4, 2025, to January 5, 2026. See the project webpage for details.