

St. Clair - Topham Park Basement Flooding Protection Program

Public Information Meeting

May 29, 2025



Land Acknowledgment

We acknowledge the land we are meeting on is the traditional territory of many nations including the Mississaugas of the Credit, the Anishnabeg, the Chippewa, the Haudenosaunee and the Wendat peoples and is now home to many diverse First Nations, Inuit and Métis peoples. We also acknowledge that Toronto is covered by Treaty 13 with the Mississaugas of the Credit.

Agenda

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| 6:30 p.m. | <ul style="list-style-type: none">• Introductions• Opening remarks |
| 6:40 p.m. | <ul style="list-style-type: none">• Presentation |
| 7:00 p.m. | <ul style="list-style-type: none">• Question and answer period |
| 7:45 p.m. | <ul style="list-style-type: none">• One-on-one time with project team |
| 8:00 p.m. | <ul style="list-style-type: none">• End of Meeting |
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Code of Conduct

- **Be brief:** Limit yourself to one question when called on to speak.
- **Be respectful:** The City of Toronto is an inclusive public organization. Discriminatory, prejudicial or hateful comments and questions will not be tolerated, and you will be removed from the meeting.



We want to hear from you – all questions are good questions!

If we do not get to your question, please follow up with staff after the meeting.

Opening Remarks

Councillor Brad Bradford
Beaches-East York
City of Toronto

Project Team

City of Toronto - Engineering & Construction Services (ECS)

- Mika Raisanen – Director, Engineering & Construction Services, Linear Underground Infrastructure
- Rachele Joseph – Manager, Basement Flooding Protection Program, Unit A
- Joseph Pellegrini - Senior Project Manager, Basement Flooding Protection Program
- Stefany Stadnyk-Broda – Issues Management Coordinator, Engineering and Construction Services, Linear Underground Infrastructure
- Mladen Lucic, Project Lead, Construction Coordination & Traffic Mitigation

Jacobs – Program Management Consultant

- Rayna Volden – Program Manager, Basement Flooding Protection Program
- Steven Fabbro - Program Construction Manager
- Janet Webster – Field Ambassador

Project Team

TYLin – Contract Administrator

- Sal Marrelli – Construction Administrator
- Mohamed Bafagih – Site Inspector
- Lancelot Myers – Site Inspector

• **Clearway Construction Incorporated (CCI)**

- Robert Donaldson – Senior Project Manager

Contractor Introduction

- Clearway Construction Incorporated (CCI)
- Specializes in Municipal Infrastructure, including: Public & Private Sewer & Watermain Service and Shoring & Vertical Trenching.
- Provides services for municipal projects of all sizes and types, including large-scale projects utilizing both open-cut and trenchless methods.
- Has expertise in deep installations in tough ground conditions, dealing with groundwater, complex structures and existing utilities.
- Portfolio includes several watermain construction and sanitary sewer rehabilitation projects across municipalities in the GTA, including Basement Flooding Protection Program projects for the City of Toronto.

Contract Overview

- This contract includes an innovative approach to construction and contract management, including:
 - Work has been phased to allow only one of four phases of work to occur at a given time, reducing the traffic congestion in this area.
 - Acceleration of the first phase on St. Clair Ave. E has been included in the contract to reduce the overall time to complete work on this arterial road, including incentives to accelerate construction and extended working hours on St. Clair Ave. E. This acceleration ensures lanes will re-open as quickly as possible.
- Senior-level City oversight and guidance will be provided throughout all project stages.

Community Engagement & Communications



- Changes have been implemented to address concerns raised at the last Public Meeting.
- City Issues Management Coordinator oversees communications and supports/oversees the Field Ambassador.
- Dedicated Field Ambassador assigned to handle questions and resolve issues quickly.
- More ways to connect: regular on-site drop-in sessions, regular email updates, project website.
- Advance notice of any impacts (driveway access, water shut off etc.).
- Targeted outreach to schools, seniors' home, places of worship, and more.

St. Clair-Topham Park Project Overview

- Third and final stage of the Basement Flooding Protection Program in the O'Connor Dr. and St. Clair Ave. E area.
- Construction began May 2025 and is anticipated to be completed in 2027.
- Project will replace storm and or sanitary sewers on:
 - Westview Blvd.
 - Valor Blvd.
 - Joanith Dr.
 - Selwyn Ave.
 - Merritt Rd.
 - Squires Ave.
 - Furnival Rd.
 - Warvet Cres
 - Peard Rd.
 - Glenburn Ave.
 - Topham Rd.
 - Amsterdam Ave.
 - St. Clair Ave. E
- Project will also include:
 - Installation of a rain garden in the median of Valor Blvd.
 - Watermain replacement, intersection improvements and local road resurfacing.



Underground Infrastructure

Four Types of Underground Infrastructure

Not Pictured: Green Infrastructure

Water Pipes



Sanitary Sewer

Storm Sewer

Underground Infrastructure

Green infrastructure

- Natural and human-made elements that capture rainwater and direct it to plants and trees, acting as a natural filter that cleans the water before it makes its way into local waterways.

Sanitary sewers

- Sanitary sewers transport wastewater released from a drain, toilet, sink or appliance such as a clothes or dishwasher. This wastewater from residences and businesses flows to treatment plants where it is cleaned before being released into Lake Ontario. The new sewers installed will vary from 300 millimeters (mm) to 1200mm diameter in size.

Storm sewers

- Separated storm sewers capture rainwater or snowmelt. Much of this is captured through catch basins, the square grates on the side of the road. This water flows directly into nearby waterways including streams, rivers and Lake Ontario. The new sewers installed will vary from 300 millimeters (mm) to 1200mm diameter in size.

Water pipes

- The pipe that brings water into your home is called the water service pipe.

Replacing Underground Infrastructure

- Big, deep work with large, complex infrastructure.
- Storm sewer construction involves excavating a trench, removing existing pipe, installing a new pipe and sewer laterals, and restoring the trench. Open cut trenching method will be used.
- Watermain construction involves excavating a trench, installing pipes, valves and fittings. The new watermain is tested and disinfected and the trench is restored. Open cut trenching method will be used.
- City-owned water service pipes that do not meet City standards will be replaced from the watermain to the property line. Trenchless 'torpedo' method will be used.



From Preparation to Restoration

Immediately before Construction:

- Construction notices delivered and road signs placed.
- Utility locates to identify underground infrastructure (gas, water, sewer, hydro).

During Construction:

- Once permits are approved, excavation of the road, sidewalks, or boulevards begins using open trenching or trenchless methods.

Immediately after Construction:

- Restoration includes repairing roads, sidewalks, curbs, boulevards, and replanting grass and trees.

Like Renovating a Home While Living in It:

- Construction can be disruptive, much like renovating a home while living in it. It may not always be easy, but it needs to be done and the end result is worth it.
- Project team commits to maintaining good communication and minimizing disruption as much as possible.

Project Phasing

Phase	Streets	Estimated Work Commencement
Phase 1	St. Clair Ave. E	Spring 2025
Phase 2	Westview Blvd., Amsterdam Ave. and Joanith Dr.	Winter 2025/2026
Phase 3	Merritt Rd., Valour Blvd., Furnival Rd. and Topham Rd.	Spring/Summer 2026
Phase 4	Squires Ave., Squires Crt., Peard Rd. and Glenburn Ave.	Fall/Winter 2026/2027



*Timeline is subject to change

Each phase is planned to be completed in sequence.

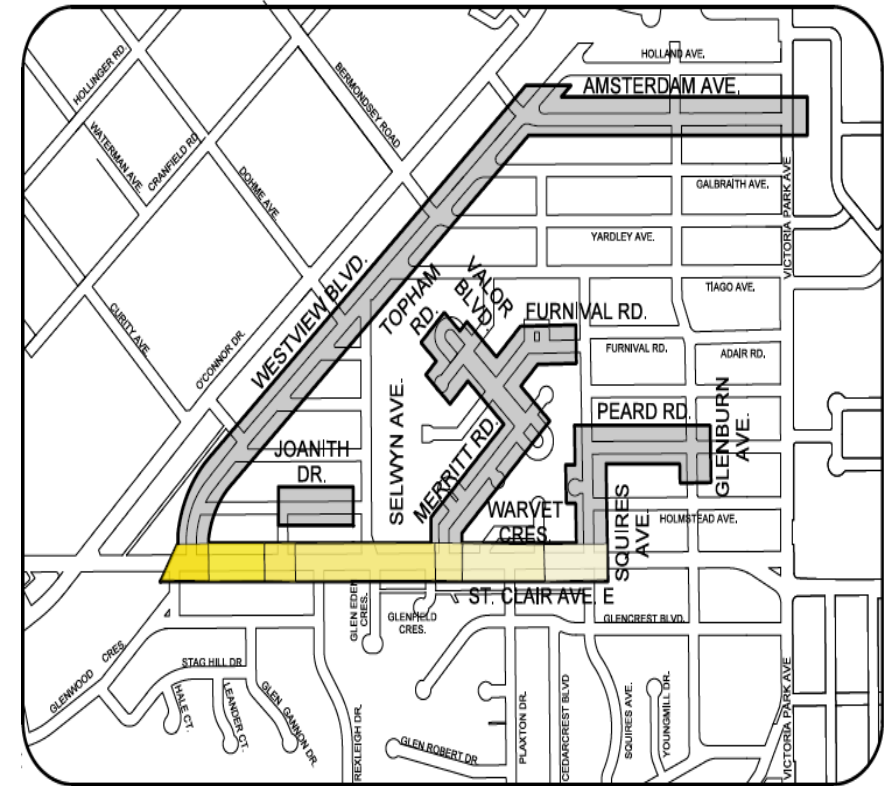
Phase 1 – St. Clair Avenue East

Work includes:

- Removal of existing sanitary and storm sewers.
- Installation of a new, larger sanitary and storm sewers.
- New maintenance holes.
- Removal and replacement of catch basins.
- Permanent restoration on St. Clair Ave. E following the completion of the basement flooding work.

Important Details:

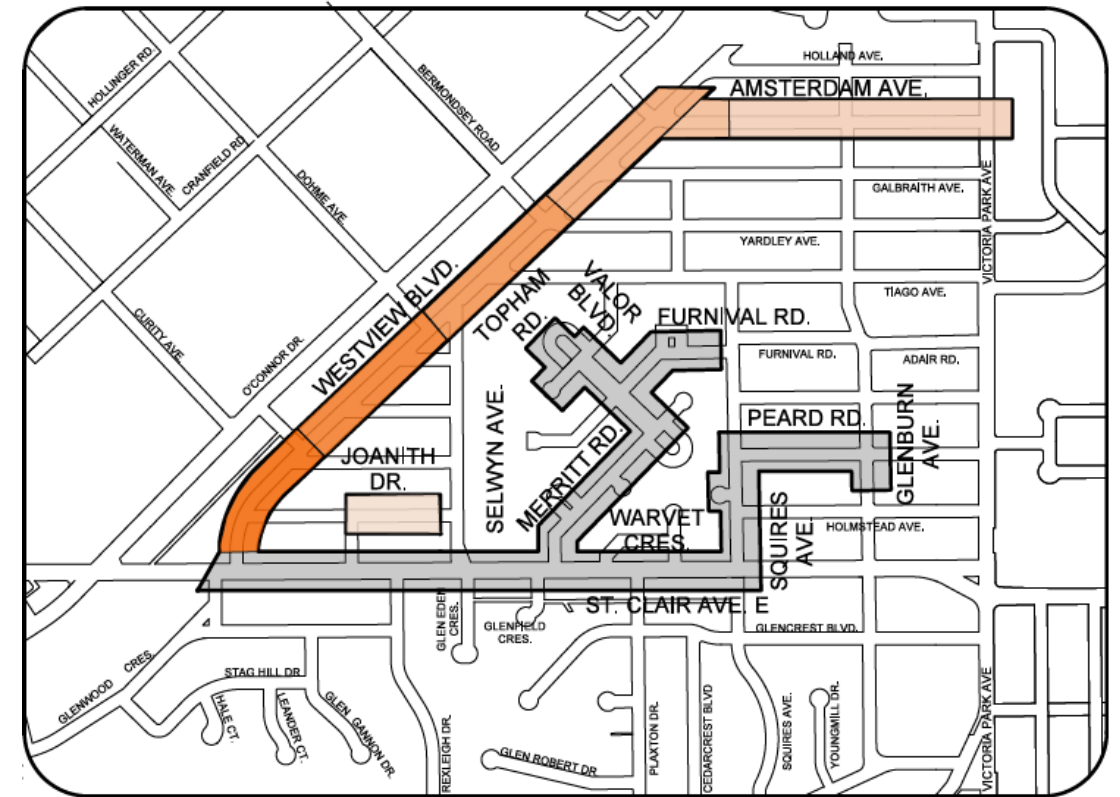
- Phase 1 must be completed first before the other phases in the residential streets, as this forms the downstream end of the system. All but permanent restoration of the roadway will be completed before moving on.
- St. Clair Ave. E will remain open with at least one lane in each direction.
- Lane restrictions isolated to where work is taking place.
- Extended working hours to 11 p.m. and on Saturdays to shorten overall construction duration.
- Detour in place when working at the intersection of St. Clair Ave. E and Rexleigh Dr., advance notice and signage will be provided.



Phase 2 - Westview Boulevard, Amsterdam Avenue, Joanith Drive

Work will include:

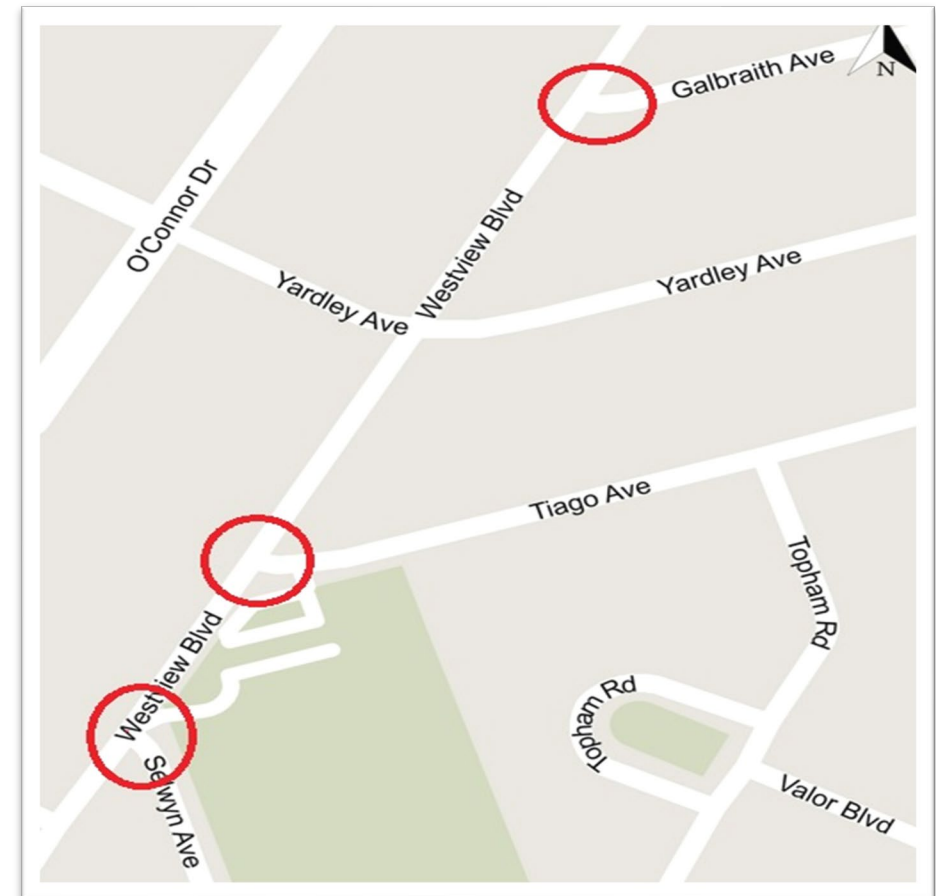
- Removal of existing sanitary and storm sewer.
- Installation of a new upsized storm sewer and sanitary sewer.
- Watermain replacement on Westview Blvd.
- Removal and replacement of catch basins.
- Road resurfacing on Westview Blvd. and Amsterdam Ave.
- Permanent intersection safety improvements at the following intersections:
 - Westview Blvd. at Selwyn Ave.
 - Westview Blvd. at Tiago Ave.
 - Westview Blvd. at Galbraith Ave.
 - Westview Blvd. at Gardens Cres (design underway)
 - Westview Blvd. at Joanith Dr. (design underway)



Phase 2 – Westview Blvd Permanent Safety Improvements at Intersections

Work involves:

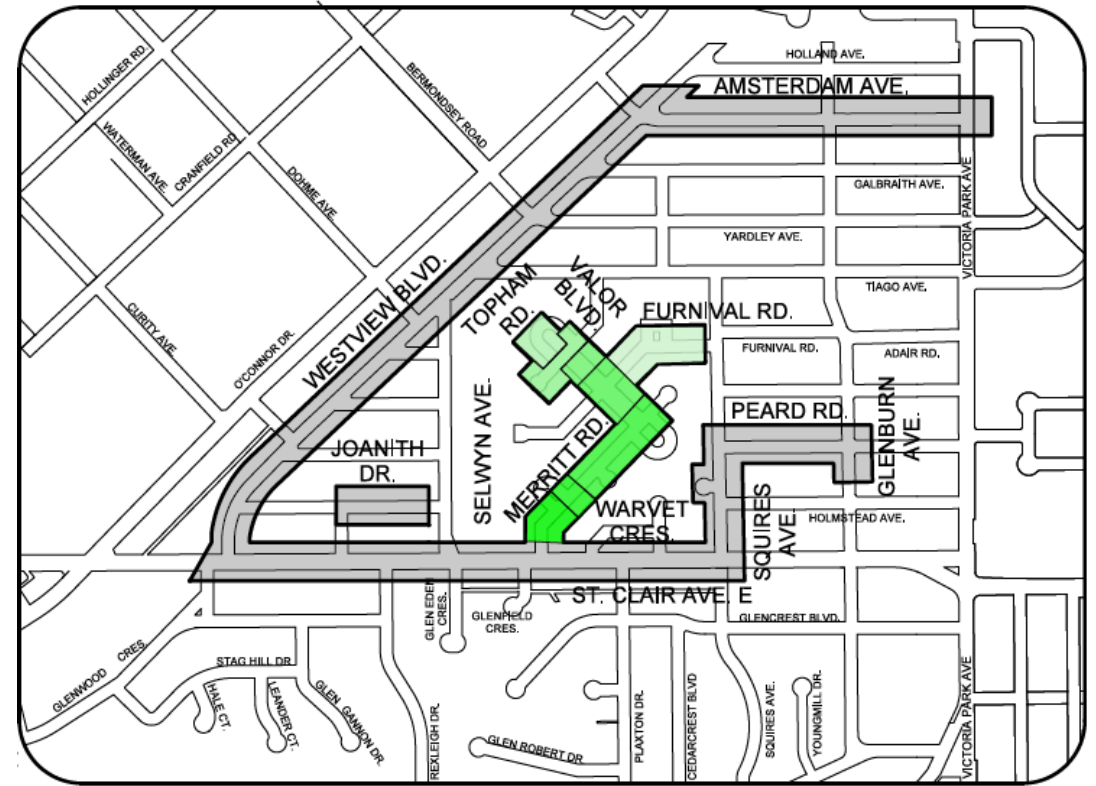
- Reducing the corner radii.
 - Curb radius refers to the angles of corners at two intersecting streets. Reducing curb radii can slow vehicle right turns, reduce crossing distances and improve visibility of people walking; and increase the space available for people waiting to cross.
- Re-aligning the intersections closer to 90°
- Improving sidewalk connections and potential landscape enhancements.
- Parking by-law amendments required for parking at intersections.
- Intersection improvements under consideration at two additional intersections on Westview Blvd. at Gardens Cres and Joanith Dr. These are currently awaiting final approval before proceeding.



Phase 3 - Merritt Road, Valour Boulevard, Furnival Road, Topham Road

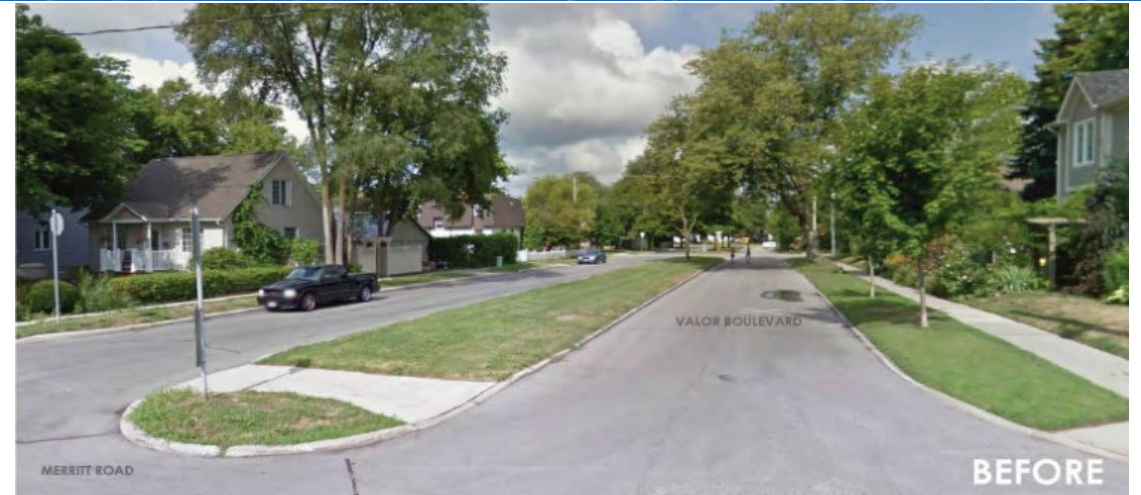
Work will include:

- Removal of existing sanitary and storm sewers.
- Installation of new, larger storm and sanitary sewers.
- Removal and replacement of catch basins.
- Construction of a rain garden in the median of Valor Blvd. between Topham Ave. and Merritt Rd. The rain garden will help capture and filter stormwater runoff as part of the City's Green Streets program.



Phase 3 – Rain Garden

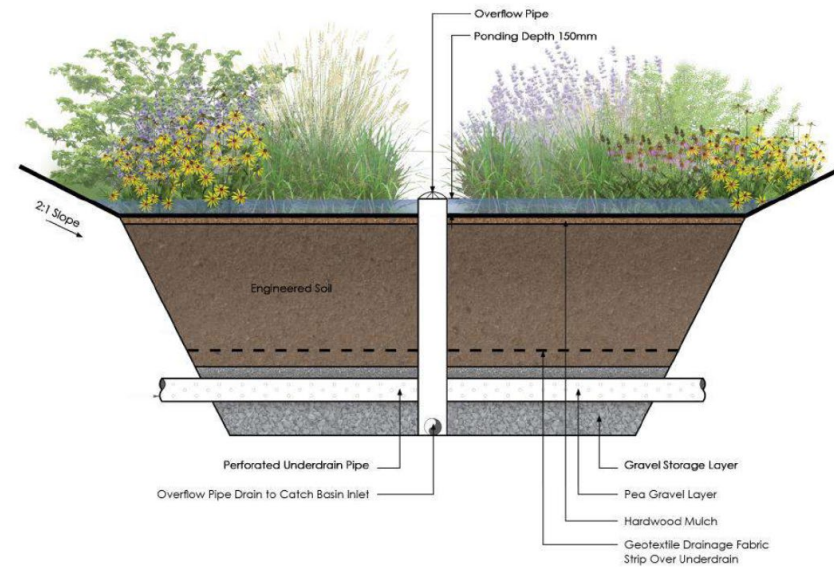
- An example of Green Infrastructure, rain gardens help capture and filter stormwater runoff from the road surface and are a part of the City's Green Streets approach.
- The garden will be added to the median on Valor Blvd.
- It will feature several species of grasses and flowering plants which are selected based on their suitability with local planting conditions.
- Transportation Services staff will be responsible for choosing the plantings and maintenance of the rain garden.



Phase 3 – Rain Garden Details



SECTION A-A'



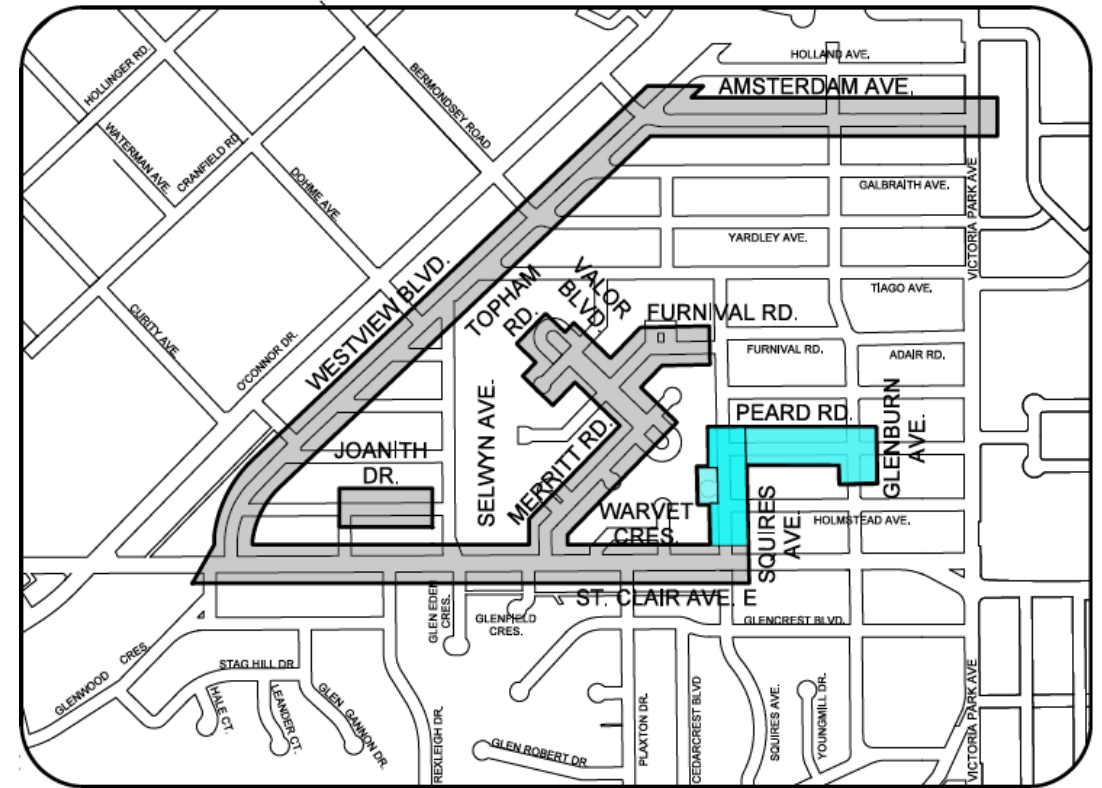
- The median will be planted with the following variety of shrubs, perennials, grasses and ground cover:

- Common Yarrow
- Kalm St. Johns-wort
- Eastern Purple Cornflower
- Wild Bergmot Bee-Balm
- Fountain Grass
- Canada Anemone
- Brevior Sedge
- Virginia Eastern Wild Rye
- Virginia Waterleaf

Phase 4 - Squires Avenue, Squires Court, Peard Road and Glenburn Avenue

Work will include:

- Removal of existing sanitary and storm sewer
- Installation of a new upsized storm sewer and sanitary sewer.
- Removal and replacement of catch basins.



Merritt Road – Site Activities

- We are currently exploring other locations for the Site Office, which is currently located on the first boulevard along Merritt Rd. Updates will be shared with local residents.
- The construction laydown area is located on the second boulevard along Merritt Rd.
- Residents on Merritt Road can expect an increase in traffic and noise. We will ensure that the street and sites are kept clean and safe, and minimize the overall impact on residents as much as possible.



Current Site Trailers, First Boulevard
along Merritt Road



Construction Laydown Area, Second Boulevard
along Merritt Road

Construction Coordination

- This project is being coordinated with other planned infrastructure work.
- Planned future work in the area includes:
 - Storm sewer replacement in Parkview Hills – Fall 2025.
 - New watermain installation and road resurfacing on Westview Blvd. (Amsterdam Blvd. to the north end) – Summer 2026.
 - Watermain replacement and local road replacement on Rexleigh Dr. – Fall 2026.
 - Local road resurfacing along St. Clair E., west of O'Connor Dr. – Fall 2026.
 - Watermain replacement on Glenwood Cres (Rexleigh Dr. to St. Columba Pl) – 2027.
 - Sewer Rehabilitation St. Clair Ave. E, east of Glenwood Cres – 2027.



Traffic Mitigation

To help reduce traffic impacts, several mitigation strategies will be in place:

- Work Zone Limitations: Defined limits on the length of the work zone and material storage area.
- Phase 1: St. Clair Ave. E:
 - Lane restrictions will occur one section at a time.
 - Maintaining traffic flow, one lane in each direction will remain open on St. Clair Ave. E.
- Phased Construction: Work will progress from street to street. While some areas may have limited access, local access will be maintained.
- Advanced Notification: The public will be notified of potential disruptions.
- Ongoing Monitoring: Traffic within the work zone will be continuously assessed, and additional mitigation measures may include:
 - Adjust timing on signalized lights (east/west) to optimize traffic flow.
 - Additional signage.

What to Expect During Construction

Temporary water shut offs

- Water shut off may be required and the length of water shut off will depend based on the work. Notices will be provided to residents 48hrs prior to any planned water outage.

Emergency Access

- Emergency vehicle access will be maintained at all times.

Dust, noise and vibration

- Contractor is required to keep the job site clean from dust and mud from construction operations.
- A vibration monitoring device is installed on-site and measures and records vibration levels.

Restoration

- Temporary restoration is completed as the underground works progress.
- Temporary road restoration will look very similar to permanent, however, temporary sidewalks and curbs will typically be asphalt, not concrete.

Work Hours

- Work hours during Phase 1 will be Monday – Saturday: 7am - 11pm, Sundays as required.
- Work hours will be Monday-Friday: 7 am - 7pm; Saturdays, Sundays, and late evening work may be required, but minimized as much as possible.

What to Expect During Construction

Pedestrian & Vehicle access

- Access to local streets and sidewalks to be maintained at all times.
- Driveway access may be temporarily restricted within the construction zone (affected homes will be notified 48 hours in advance) If there are restrictions to driveway access you may park on other side streets, in locations where parking is permitted.
- Temporary intersection closures and lane closures.
- Pedestrian access to businesses will remain open during construction.
- Contractor's work hours will be limited when working in front of schools.

Parking Restrictions

- No Parking is permitted in active construction zone.

Garbage/Recycling

- Garbage pick-up will be maintained. Please label your bins/containers with your address.

TTC service

- TTC buses will re-route when work takes place at the intersection of Rexleigh Dr. and St. Clair Ave. E. All bus stops will remain accessible, but may be relocated due to ongoing work. TTC will lead communication with its customers.

Contact us

If you have any questions please contact:

Field Ambassador

Janet Webster

Telephone - 416-338-5492

Email – BFPP@toronto.ca

toronto.ca/TophamParkBFPP

