

# **Topham Park Basement Flooding Protection Program**

Public Information Event  
November 21, 2024



# 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.

# Project Team

## **Public Consultation Unit**

- Steven Ziegler – Senior Consultation Coordinator
- Stephanie Gris Bringas – Program Manager

## **Engineering and Construction Services**

- Melissa Ho - Senior Project Manager, Basement Flooding Protection Program
- Rachele Joseph – Manager, Basement Flooding Protection Program

# Agenda

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

Councillor Brad Bradford  
Beaches-East York  
City of Toronto

# 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!

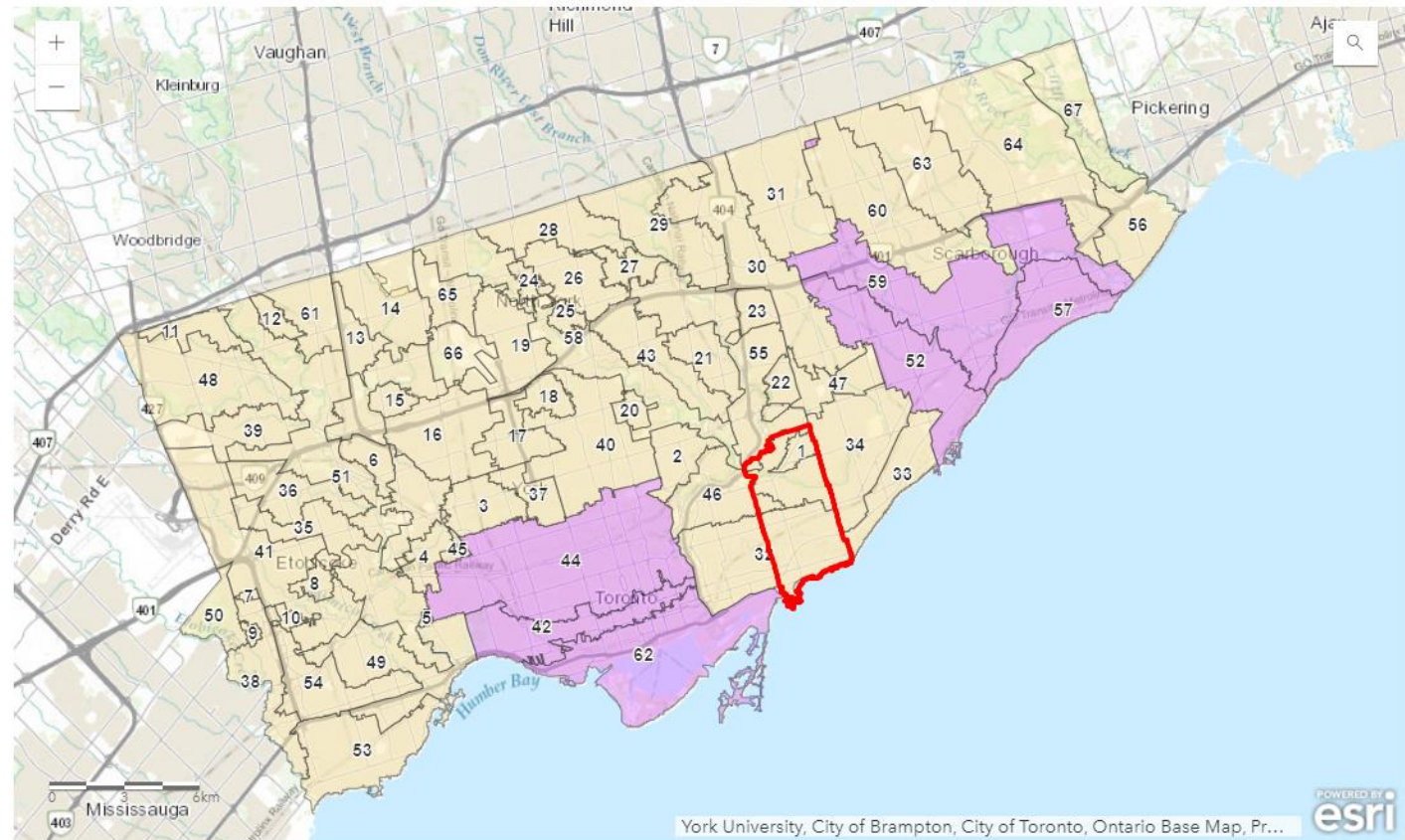
If we do not get to your question, please follow up with staff after the meeting.

# Basement Flooding Protection Program

- On August 19, 2005, a rainfall event caused widespread basement flooding across the city, leading to over 4,200 flooding complaints.
- In response, the City identified 67 Study Areas to assess basement flooding on a city-wide scale.
- The O'Connor Drive and St. Clair Avenue East area was identified as Study Area 1.
- The Environmental Assessment process was used to evaluate storm and sanitary drainage systems, identify the causes of basement flooding in each Study Area, and recommend improvements.

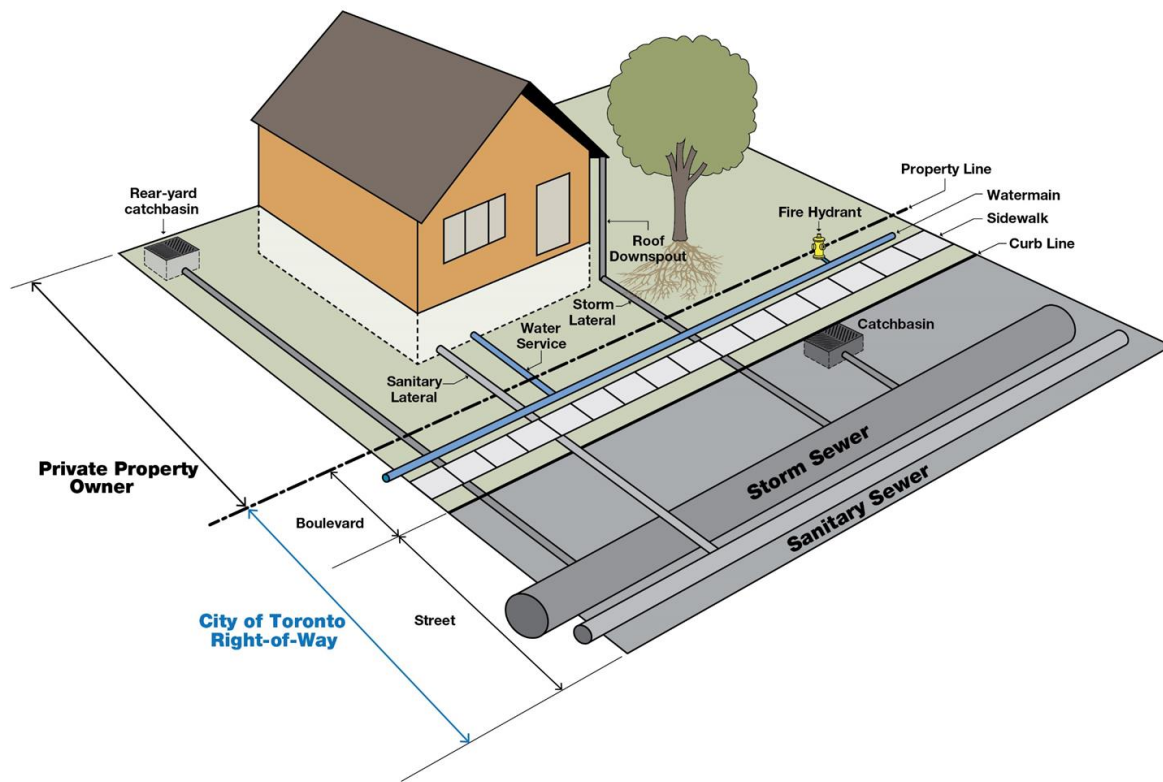
Map Legend

- Basement Flooding Study Completed
- Basement Flooding Study in Progress





# Basement Flooding Protection Program

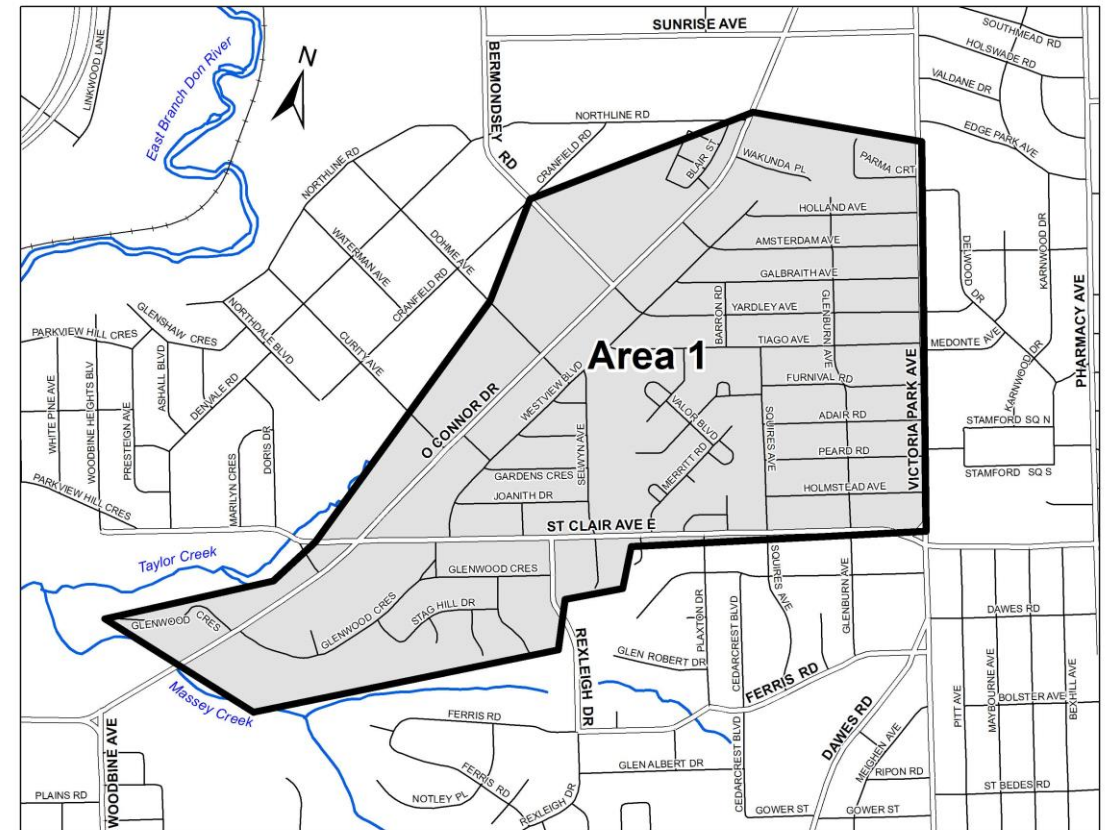


- Drainage solutions focus on upgrading storm drainage system to handle a 100-year storm event and protection of the sanitary sewer system to the May 2000 event.
- Recommended solutions can include new or upsized sewers, high-capacity catch basins, and catch basin inlet control devices.
- Projects are prioritized to protect the highest number of properties.
- When necessary, additional infrastructure upgrades are bundled with basement flooding solutions to minimize disruption to residents.



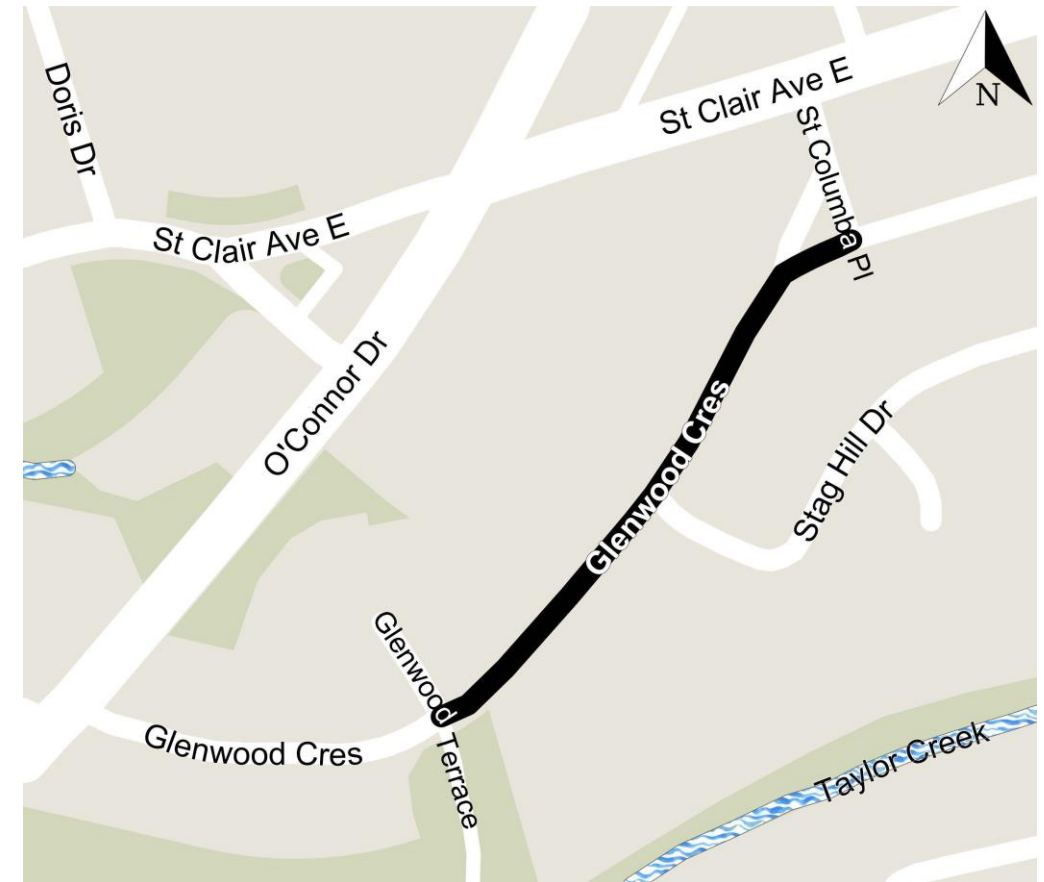
# Environmental Assessment - Area 1

- Completed in 2014 and recommended upgrades to sanitary and storm sewers on several streets.
- These improvements to the sewer system and overland drainage will help reduce the risk of future flooding. The upgrades are designed to work as an integrated system. The full flood protection benefits will only be realized once all work is complete.
- The work was delivered as three separate construction contracts.



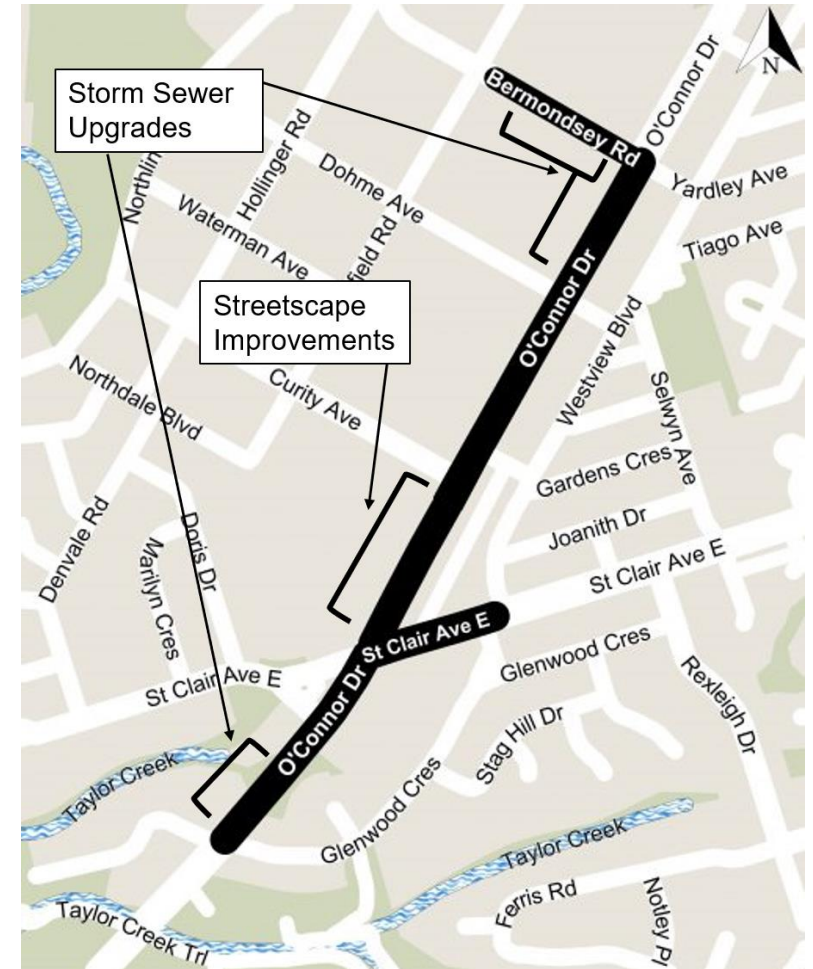
# Contract 1

- Work involved replacing storm sewers on Glenwood Crescent and sanitary sewers on St. Clair Avenue East, from O'Connor Drive to St. Columba Place.
- This is the downstream end of the sewer system, which needed to be constructed first.
- The upgrades completed through this contract provide benefit, but the full benefits will only occur after all contracts in Area 1 have been implemented.
- Completed in 2021.



# Contract 2

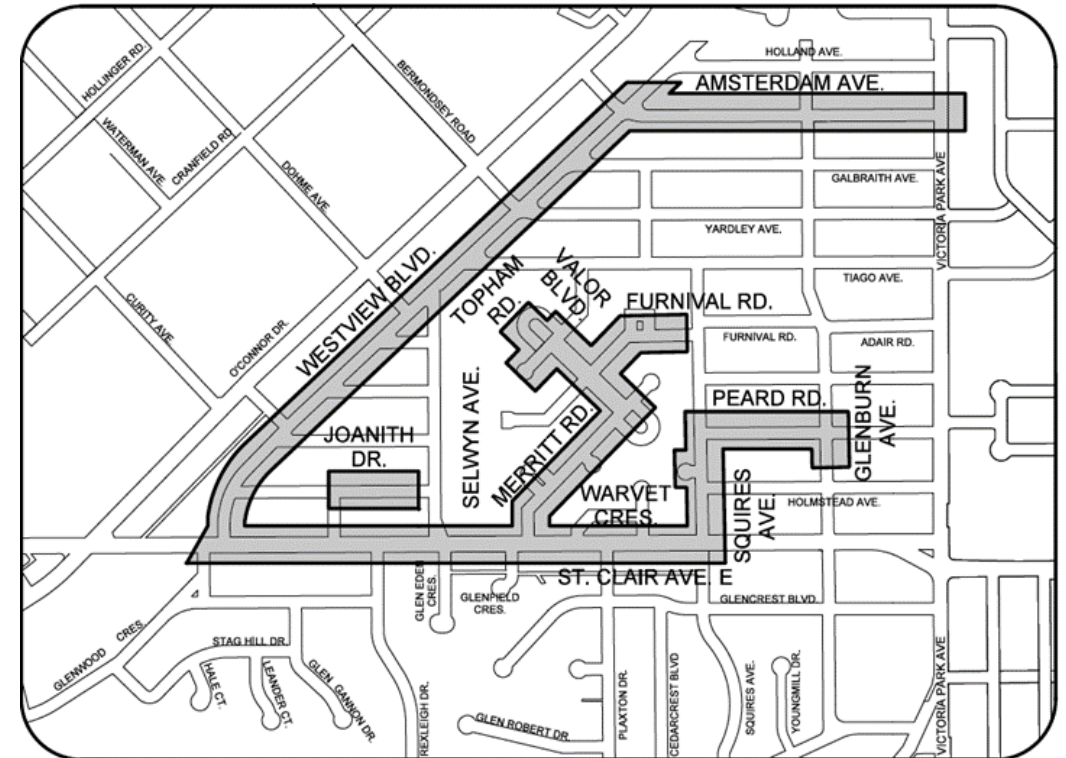
- Work involved replacing storm sewers on O'Connor Drive and Bermondsey Road.
- Additional work to replace the watermain on O'Connor Drive was included mid-contract to ensure the completed road work on O'Connor Drive would not be impacted by necessary watermain replacement in the future.
- Work also includes the reconstruction of O'Connor Drive and streetscape and intersection improvements, including Green Infrastructure installations.
- Project is ongoing and experienced delays due to complex Green Infrastructure work. Expected to be completed by late November 2024.





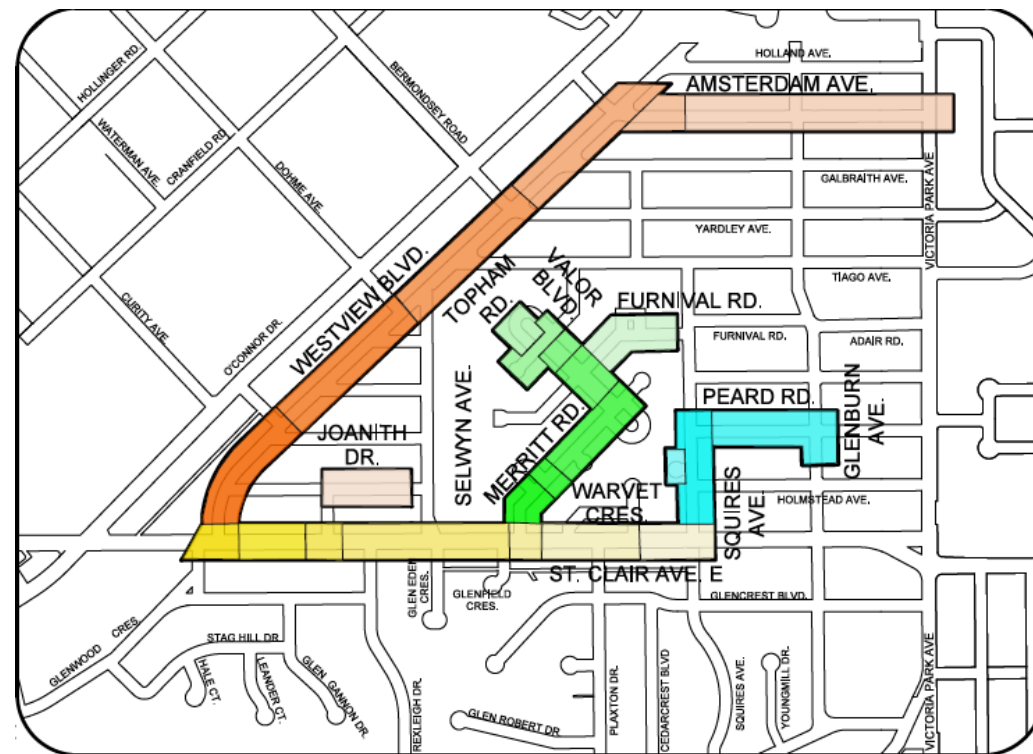
# Contract 3

- Construction is expected to begin in Spring 2025 and is anticipated to be completed in 2027.
- This contract will involve replacing storm and sanitary sewers on:
  - Westview Blvd
  - Valor Blvd
  - Joanith Drive
  - Selwyn Ave
  - Merritt Road
  - Squires Ave
  - Furnival Road
  - Warvet Cres
  - Peard Road
  - Glenburn Ave
  - Topham Rd
  - Amsterdam Avenue
  - St. Clair Ave E
- The contract includes the installation of a rain garden in the median of Valor Boulevard.
- Work will be bundled with watermain replacement, intersection improvements and local road resurfacing.



# Contract 3 - Project Phasing

Phase	Streets	Estimated Duration
Phase 1	St. Clair Avenue East	7 months
Phase 2	Westview Boulevard, Amsterdam Avenue, Joanith Drive	9 months
Phase 3	Merritt Road, Valour Boulevard, Furnival Road, Topham Road	3 months
Phase 4	Squires Avenue, Squires Court, Peard Road and Glenburn Avenue	3 months



Only one phase of work will occur at a time. The contractor must complete each phase before starting on a new phase.

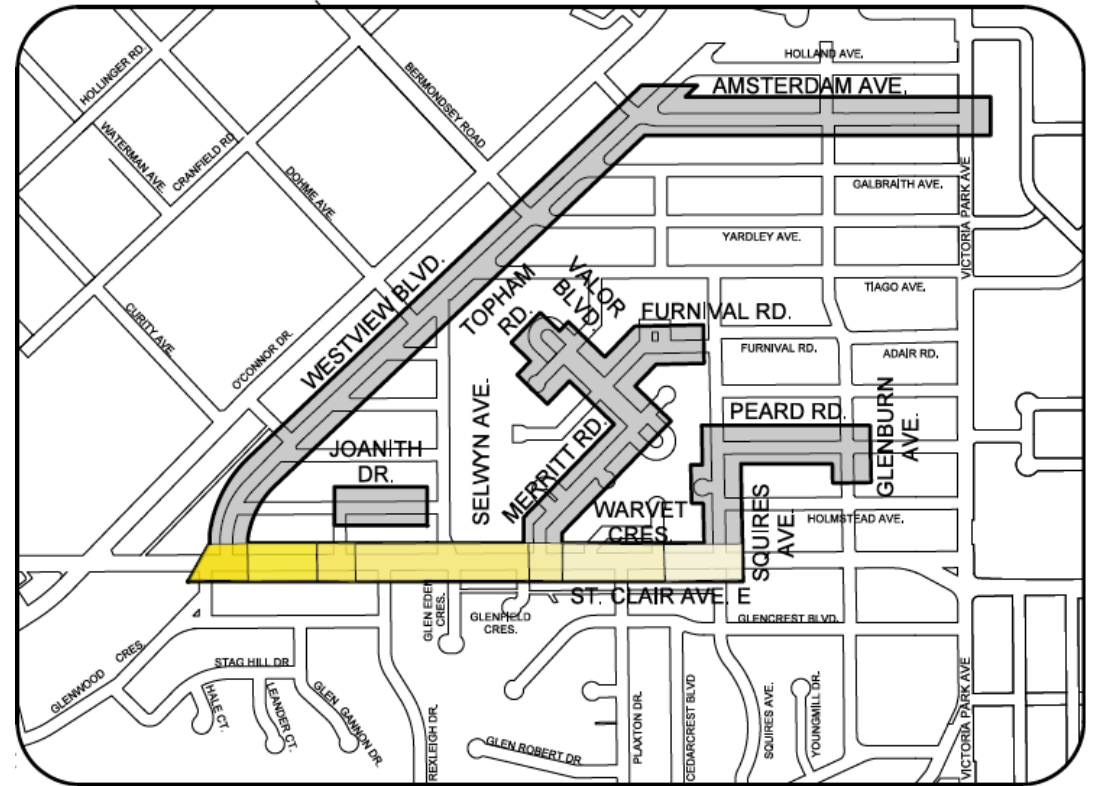
# Phase 1

Work will include:

- Removal of existing sanitary and storm sewer
- Installation of a new upsized storm sewer and sanitary sewer
- New maintenance holes
- Removal and replacement of catch basins

During construction of Phase 1:

- Phase 1 must be completed first before the other Phases in the residential streets as this forms the downstream end of the system
- One lane of traffic in each direction will be maintained at all times
- Extended working hours to 10 p.m. to shorten overall construction duration

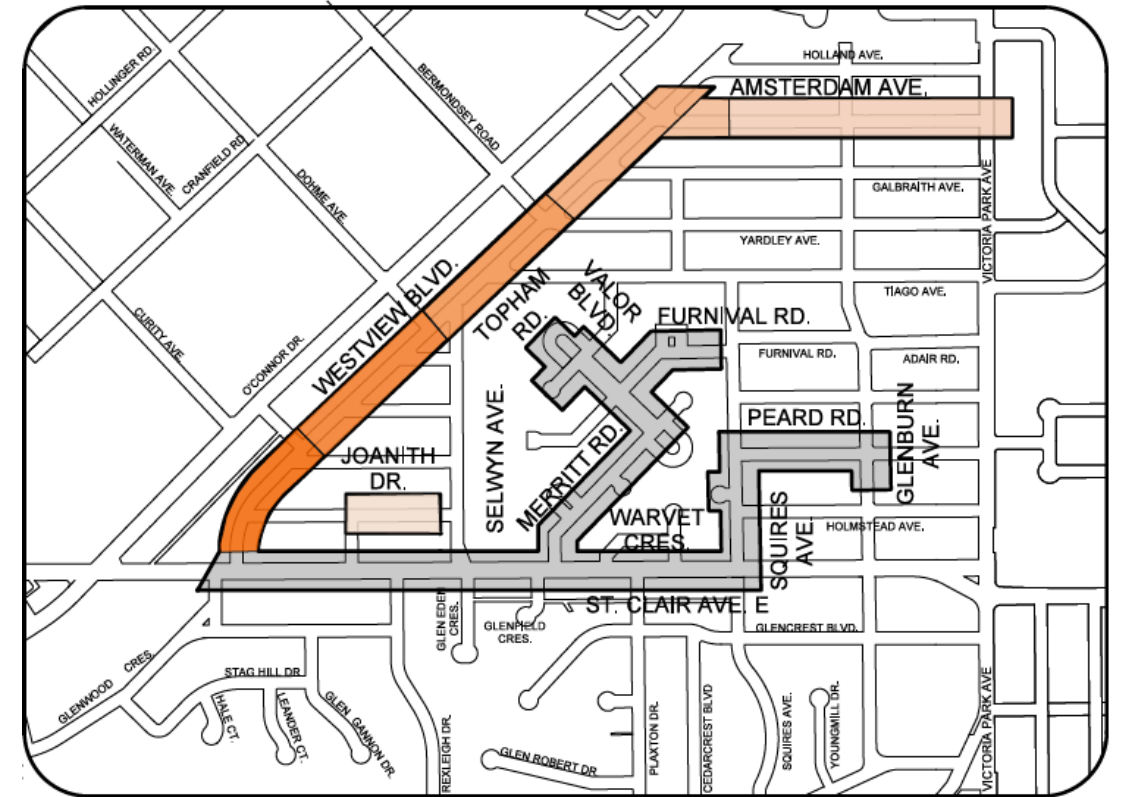




# Phase 2

Work will include:

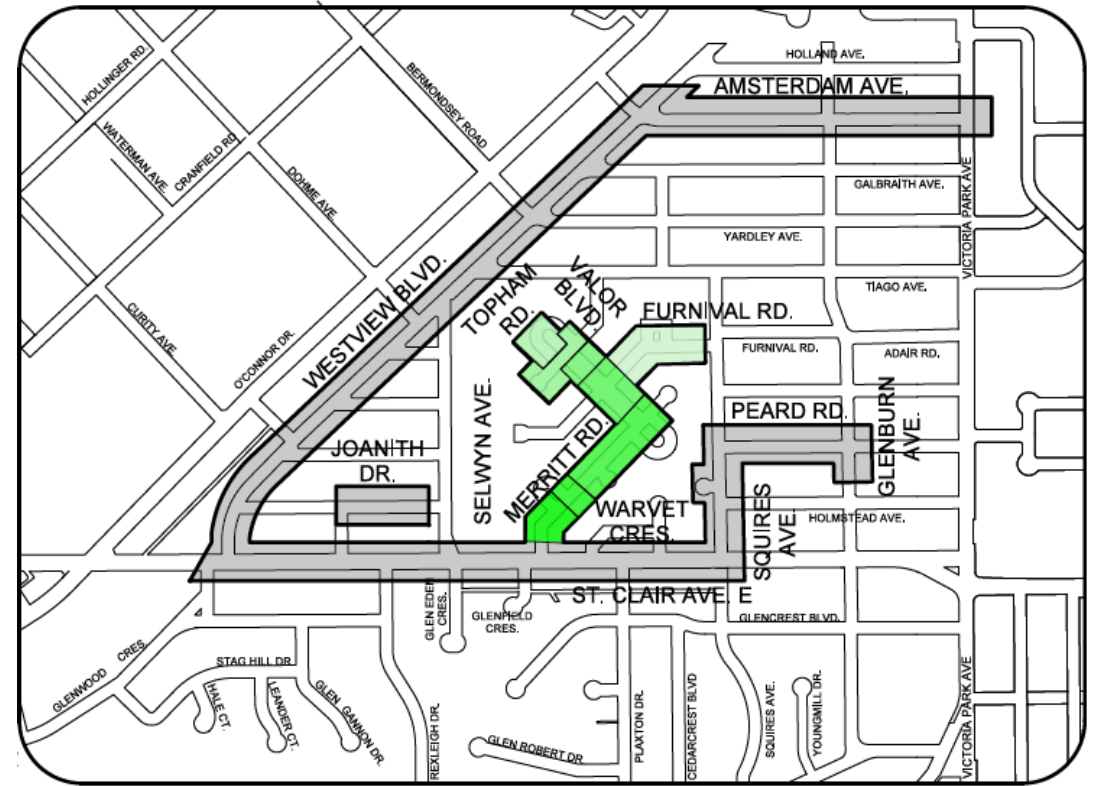
- Removal of existing sanitary and storm sewer
- Installation of a new upsized storm sewer and sanitary sewer
- Watermain replacement on Westview Boulevard
- Removal and replacement of catch basins
- Road resurfacing on Westview Boulevard and Amsterdam Avenue
- Permanent intersection safety improvements at three intersections:
  - Westview Blvd at Selwyn Ave
  - Westview Blvd at Tiago Ave
  - Westview Blvd at Galbraith Ave



# Phase 3

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
- Construction of a rain garden in the median of Valor Boulevard between Topham Avenue and Merritt Road. The rain garden will help capture and filter stormwater runoff as part of the City's Green Streets program.



# Phase 3 – Rain Garden Details

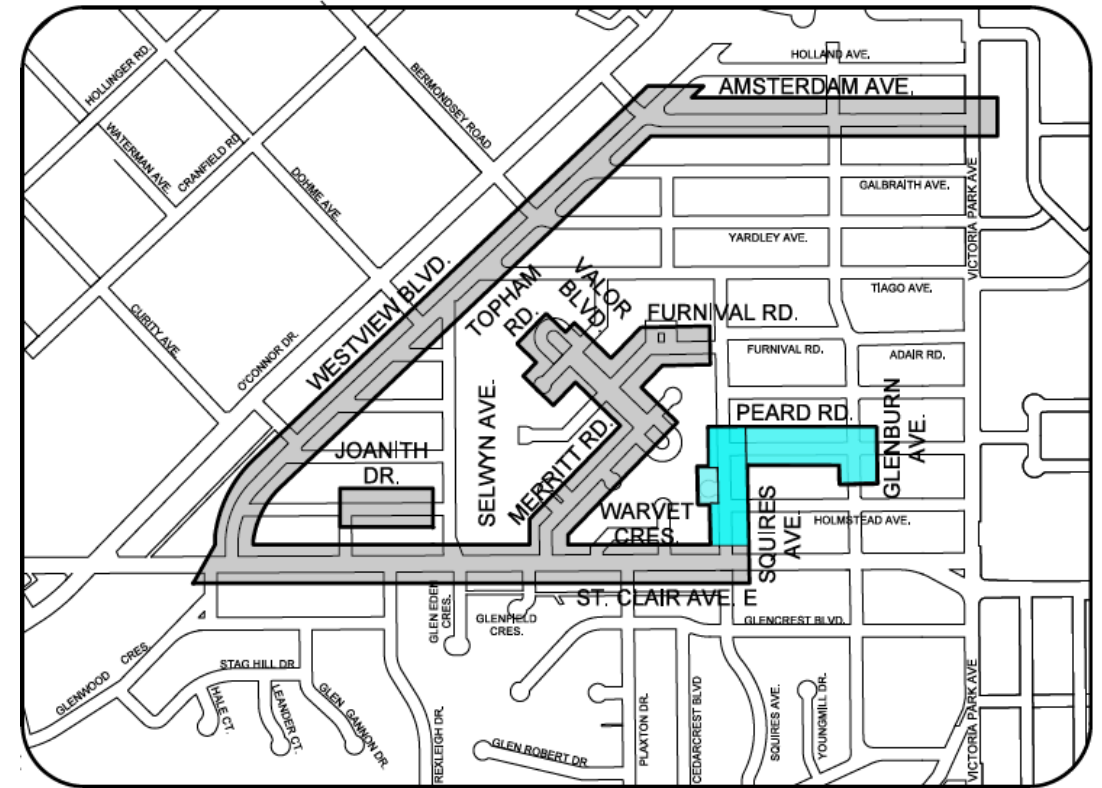
- Installation of a rain garden in the median of Valor Boulevard.
- The rain garden will capture rainwater and direct it to plants, acting as a natural filter that cleans the water before it makes its way into local waterways.
- The environmental benefits of this Green Infrastructure include:
  - Managing stormwater runoff to:
    - Enhance water quality
    - Provide retention to reduce erosion in receiving water bodies
    - Improve the City's resilience to extreme storms



# Phase 4

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



# Construction Coordination

The City's capital construction coordination and planning process reviews projects before work takes place on the street. This aims to reduce neighborhood impacts (scale and duration) and to avoid reconstruction.

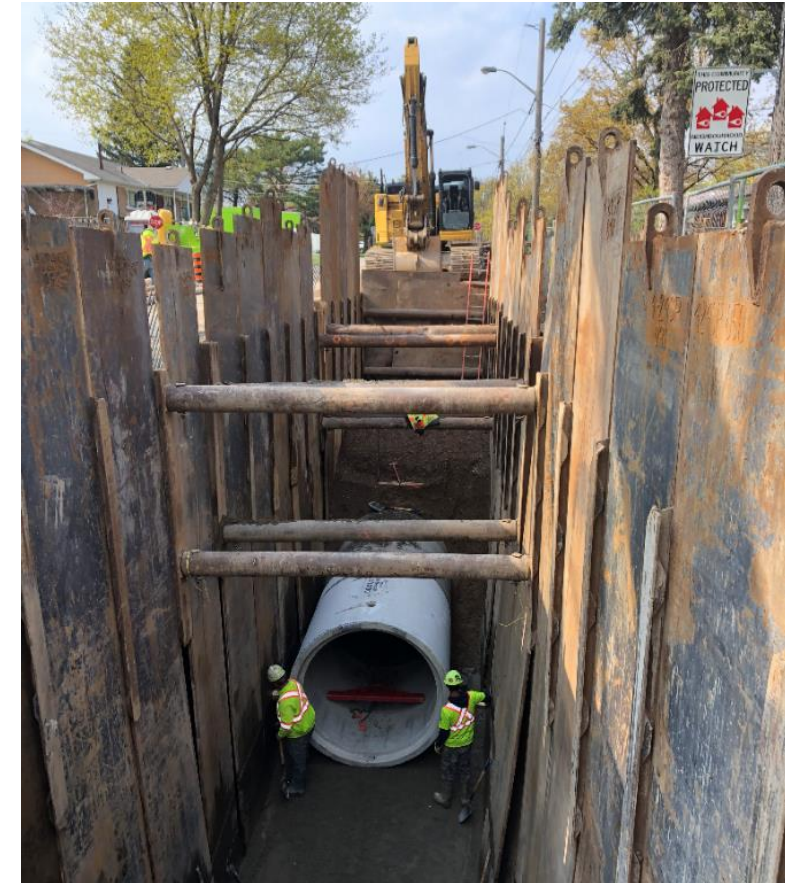
One upcoming City of Toronto construction project is:

- Road rehabilitation - St. Clair Avenue East from Victoria Park Avenue to O'Connor Drive
- This comes after our underground infrastructure works to avoid reconstruction



# Replacing Underground Infrastructure

- Storm sewer construction involves excavating a trench, removing existing pipe, installing a new pipe and restoring the trench.
- Watermain construction involves excavating a trench, installing pipes, valves and fittings. The new watermain is tested and disinfected and the trench is restored.
- City-owned water service pipes that do not meet City standards will be replaced from the watermain to the property line.





# 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)
- Temporary intersection closures and lane closures.
- Access to businesses will remain open during construction.

## **Parking Restrictions**

- No Parking is permitted in active construction zone.
- Alternate parking will be available on local streets not within the construction zone.

## **Garbage/Recycling**

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

## **TTC service**

- TTC bus stops may be temporarily relocated. Contractor will coordinate with the TTC during construction.

# What to Expect During Construction

## **Temporary water shut offs**

- Planned water services disruptions will be communicated to residents 48 hours prior.

## **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
- Work will take place within City noise bylaw limits

## **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 will be Monday - Friday: 7am - 7pm; Saturdays, Sundays and late evening work may be required but minimized as much as possible.
- Work hours during Phase 1 will be Monday – Saturday: 7am - 10pm, Sundays as required.

# Next Steps

- Construction is expected to begin in spring 2025 and is anticipated to be completed in 2027.
- The Construction Notice will be mailed out 2 weeks prior to construction starting.
- The Notice will provide residents with more detail about the scope of work, work hours, road and sidewalk access, traffic management, parking, garbage and recycling.
- A Field Ambassador will be assigned to this project.
  - Questions or concerns during construction can be directed to them.
  - Contact details will be included in construction notices

# Question and Answer Period



# Contact us

If you have any questions please contact:

**Steven Ziegler**

Senior Coordinator, Public Consultation Unit

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Email – [steven.ziegler@toronto.ca](mailto:steven.ziegler@toronto.ca)

[toronto.ca/TophamParkBFPP](https://toronto.ca/TophamParkBFPP)

