

Transmission Watermain Replacement on Rowanwood Avenue from Macpherson Avenue to Wrentham Place

**Virtual Public Information Event
February 13, 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 Huron-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.



**This meeting is being recorded for
purposes of creating a meeting
summary.**

Introductions

City of Toronto - Public Consultation Unit

- Steven Ziegler - Senior Consultation Coordinator

City of Toronto – Engineering & Construction and Transportation Services

- Kuldip Tamberh – Engineering & Construction Services, Senior Project Manager, Trunk Sewers & Transmission Mains
- Kathryn Deschamps – Transportation Services, Senior Project Manager, Construction Coordination and Traffic Mitigation

EXP Services Inc.

- Chris Sandink – Project Manager
- Nabeela Rafique – Field Ambassador

Agenda

6:30 pm	• Introduction
6:35 pm	• Webex Instructions
6:40 pm	• Presentation
7:00 pm	• Question & Answer Period
8:00 pm	• Meeting ends

Code of Conduct

- **Be patient:** Virtual meetings don't always run as smoothly as planned.
- **Be brief:** Limit yourself to one question or comment when you are 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 address your question, staff will follow up with you after the meeting.

Participating Online



Via the internet browser

Raise hand by clicking 

Click the  “Q&A” button at the bottom right of the screen

Raise your hand or type your question

Presenter
Host



Unmute





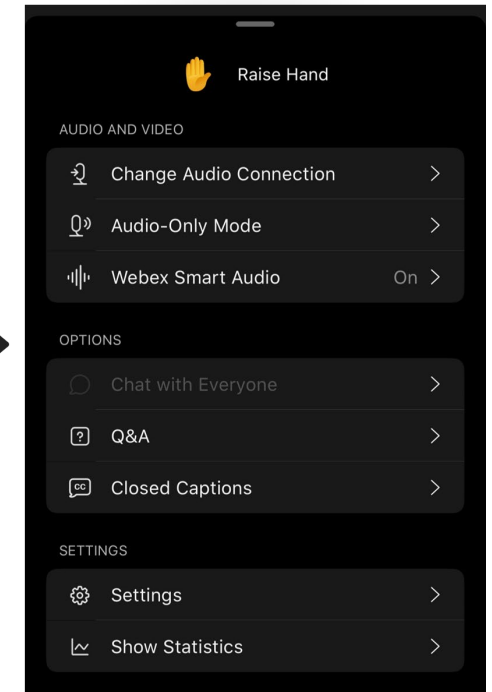
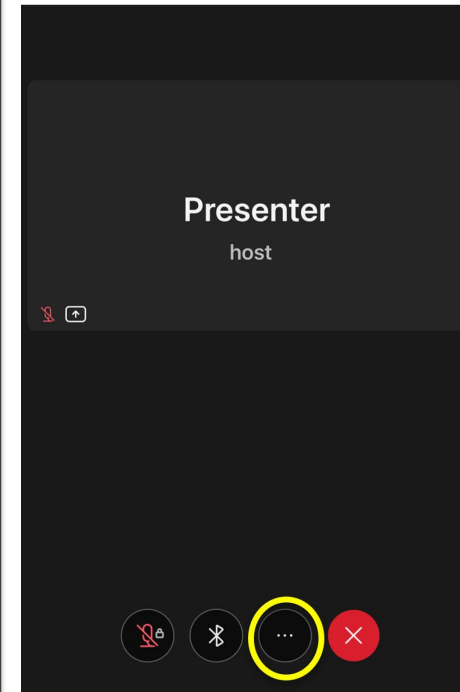
Participants

Q&A



Via smartphones

Click the  button at the bottom of the screen. Then click  Raise hand or “Q&A” button.



Raising your hand by Phone



- To raise your hand virtually, **key in *3.**
- The Host will see a hand up beside the last four digits of your phone number
- During the Q&A period, the Host will unmute you and let you know that you can speak

Webex Audio Trouble?

Webex can call your phone

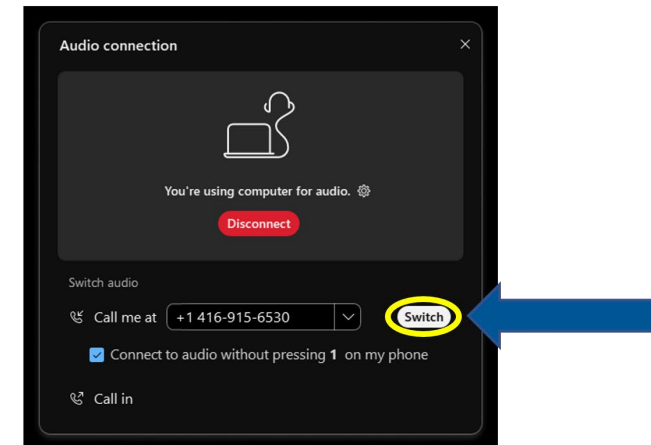
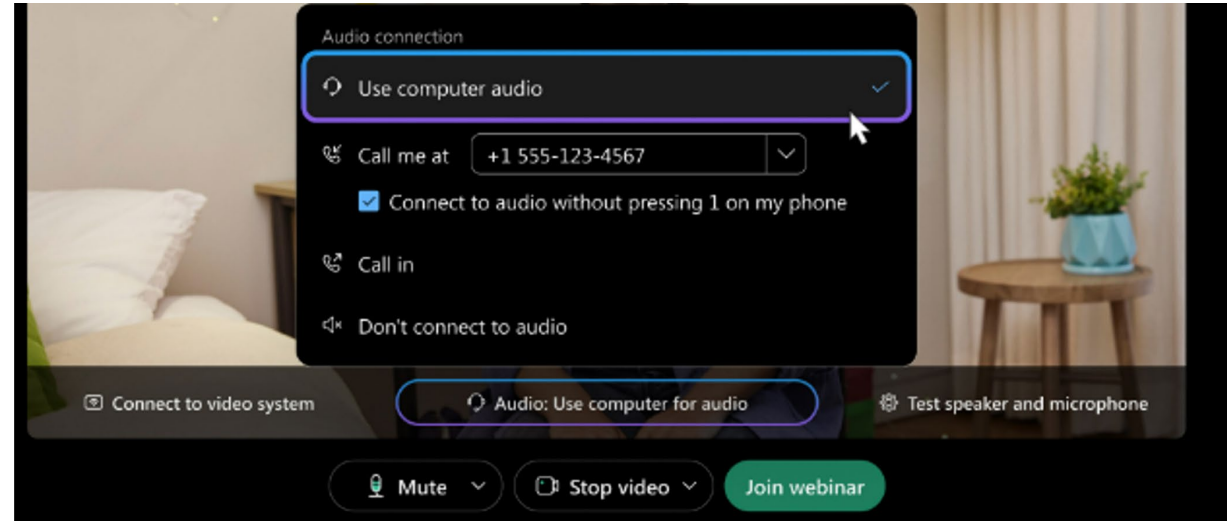
1. Click the **arrow** beside your mute button



2. Click “Switch audio”

3. Use “Call me” function

- Enter your phone #
- Webex will call your phone
- No long distance charges



Audio still not working?

Call Into the Meeting

Dial: **416-915-6530**

When prompted for a meeting number enter:

2630 155 8905

Enter attendee number:

7692 6967

Rowanwood Transmission Watermain Replacement

Overview

- The City is planning to replace an old 900-millimetre (mm) transmission watermain with a larger 1200mm watermain on MacPherson Avenue, Rowanwood Avenue, Thornwood Road, Cluny Drive, Chestnut Park, Roxborough Street East and Wrentham Place.
- Transmission watermains supply water from the treatment plant to the local watermains on various streets in the area.

Why is a new watermain required?

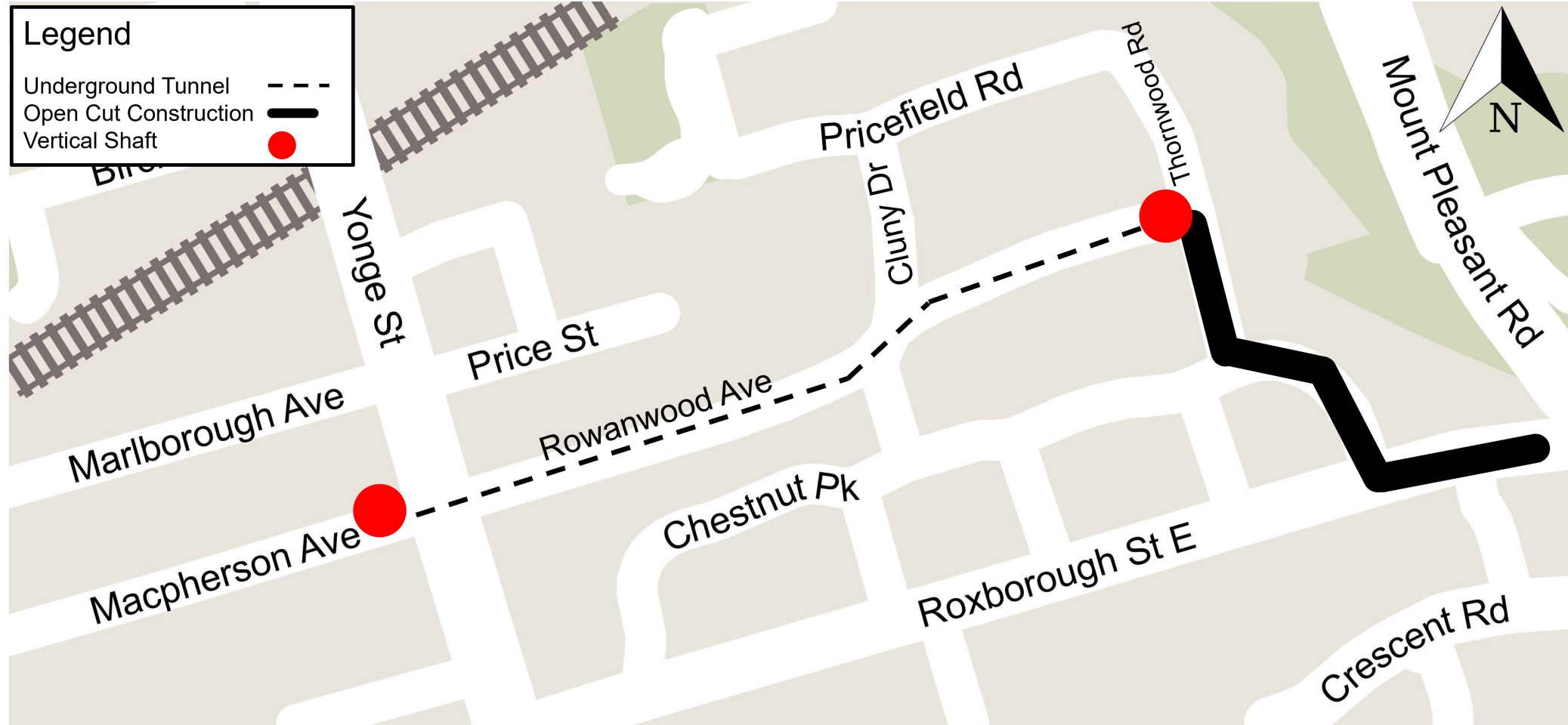
- The existing 900mm watermain was constructed in 1928.
- A water optimization study completed by Toronto Water identified the need to increase the size of the transmission main to meet future water supply demands.

Watermain Replacement

- To replace the transmission watermain, work crews will construct the new watermain in a new location while the existing watermain is active.
- Construction will involve both open-cut excavation and underground tunneling.
- Open-cut excavation will involve excavating a trench to place the new watermain.
- Tunneling will require a micro-tunnel boring machine (MTBM) to mine a tunnel and construct the new watermain between two shafts, where the MTBM will enter and exit.
- The locations of the tunneling shafts have been designed to minimize utility relocations, traffic impacts, tree removals and driveway interruptions.
- The launch shaft will be located at the intersection of Thornwood Road and Rowanwood Avenue and the reception will be located on Macpherson Avenue, west of Yonge Street.



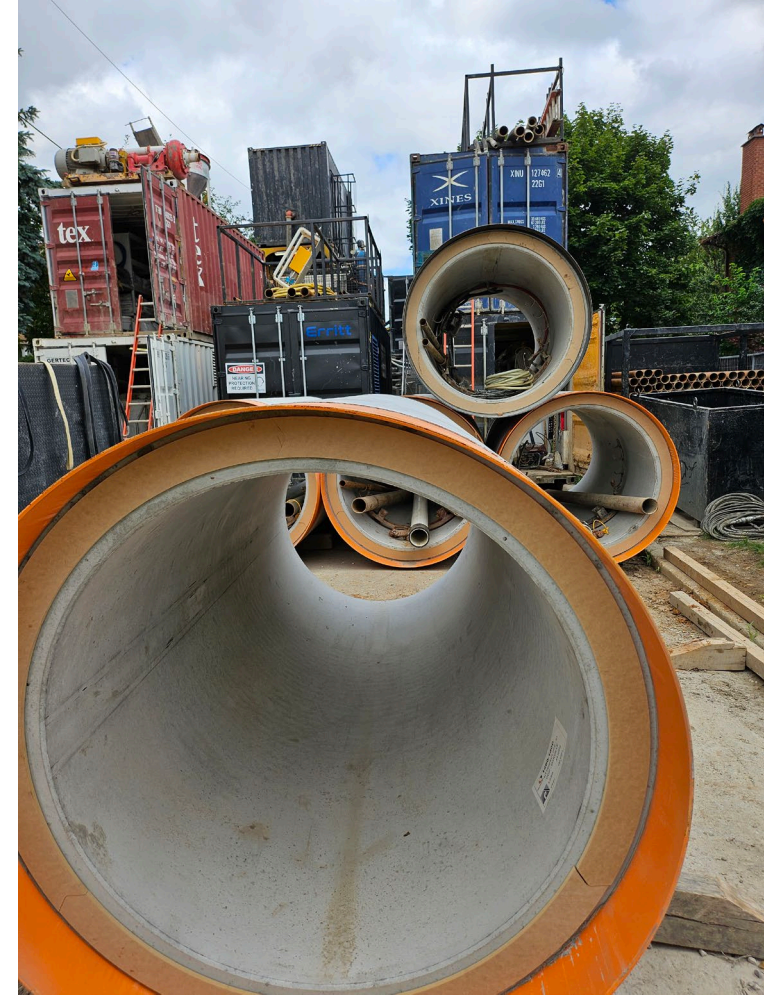
Work Zone



Shaft Work Areas

At each shaft work area, the contractor will:

- Place hoarding (fencing) around the work area
- Construct a shaft by excavating a vertical hole and building a solid concrete frame around it.
- Lower a micro-tunnel boring machine (MTBM) into the launch shaft to excavate a tunnel and construct the new transmission watermain.
- Remove the MTBM from reception shaft
- Use construction vehicles to bring materials into the work area and remove excavated material from the tunnel



Site Safety & Access

- **Fencing:** built around each tunnel shaft work area, for public safety.
- **Construction Vehicle Access:** Flag people will be used to assist with vehicle movement in and out of the shaft areas.
- **Access to properties:** safe access to properties maintained at all times.
- **Pedestrian accessibility:**
 - Safe pedestrian access will be maintained as much as possible.
 - When unavailable, pedestrian access will be guided around the construction site with signage and/or barriers.



Pre-Construction Survey

- OZA Inspections Ltd. will complete pre-condition surveys of all properties within 30 metres of the construction area.
- Impacted properties should have received the notice.
- If you have not received a notice, please contact the Field Ambassador.
- Survey results may be useful to substantiate claims for damage caused by City construction.



Important Notice

Friday 18, 2025

Condition Survey / Inspection



Dear Resident,

The City of Toronto is preparing to complete the watermain replacement on Rowanwood Avenue (see attached Construction Notice for additional information).

Due to the nature of this work and possibility of vibration, the City's Contractor Cleanway Construction Inc. has hired Oza Inspections Ltd. to complete pre-construction surveys of all properties within 30 metres of the construction area.

Participation in the survey is voluntary. The benefit to homeowners who participate is that pre-construction survey results may be useful to substantiate claims for damage caused by City construction. The benefit to taxpayers in the City of Toronto is the surveys help protect against fraudulent claims against the City.

Oza Inspections Ltd. will follow up with a request to set up an appointment. All inspection staff will be wearing photo identification and carrying photographic equipment during their work. The information gathered during this survey will be kept confidential.

If you have questions about the upcoming work or these inspections, please contact us.

Project Manager / Field Ambassador	Nabeela Rafique, 437 774 8821, nabeela.rafique@exp.com
TTY Hearing Impaired Service	416-338-0889 (7 Days a week, 8 a.m. to 5 p.m., closed holidays)
General inquiries	311
Website	toronto.ca/rowanwood

Toll free 1-800-667-8263 extension 231 or email

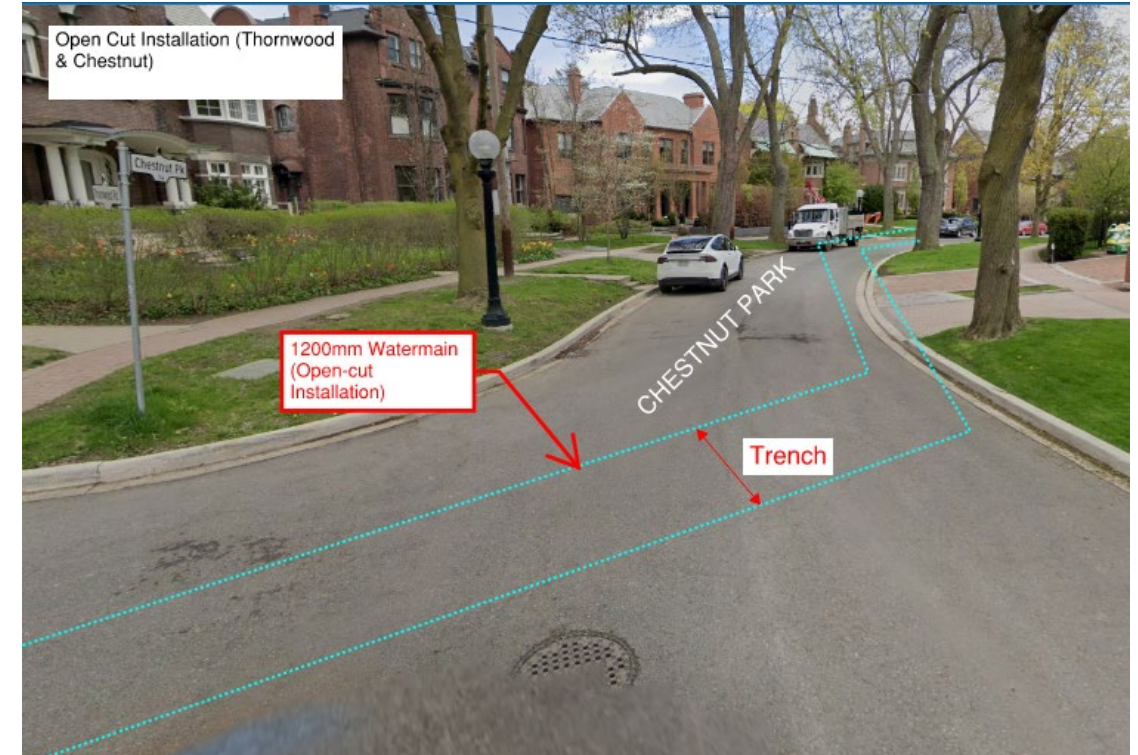
appt@ozainspections.com

Indicate your name, address, telephone number and refer to File: 23537

Thank you for your patience. Building a great city takes time. Better infrastructure for all of us is worth the wait.

Tree Impacts

- Impacts to trees have been minimized as much as possible.
- 12 trees will be removed as part of this project . Removed trees are located on:
 - Chestnut Park – seven trees
 - Roxborough Street East – four trees
 - Thornwood Road – one tree
- These removals are unavoidable, due to the specific alignment of the watermain, and placement of tunnel shafts.
- Other trees around work areas will be protected from construction activity, as per the City's guidelines for tree protection.



Project Timeline

Early February 2025
Site preparation

May to July 2025
Launch and receiving
shaft construction

**December 2025 to
April 2026**
Construction of chambers
Watermain and open-cut excavation
on Thornwood Road, Chestnut Park,
Roxborough Street East and
Wrentham Place

Late February to May 2025
Macpherson Road widening,
installation of temporary traffic
signals, watermain relocation

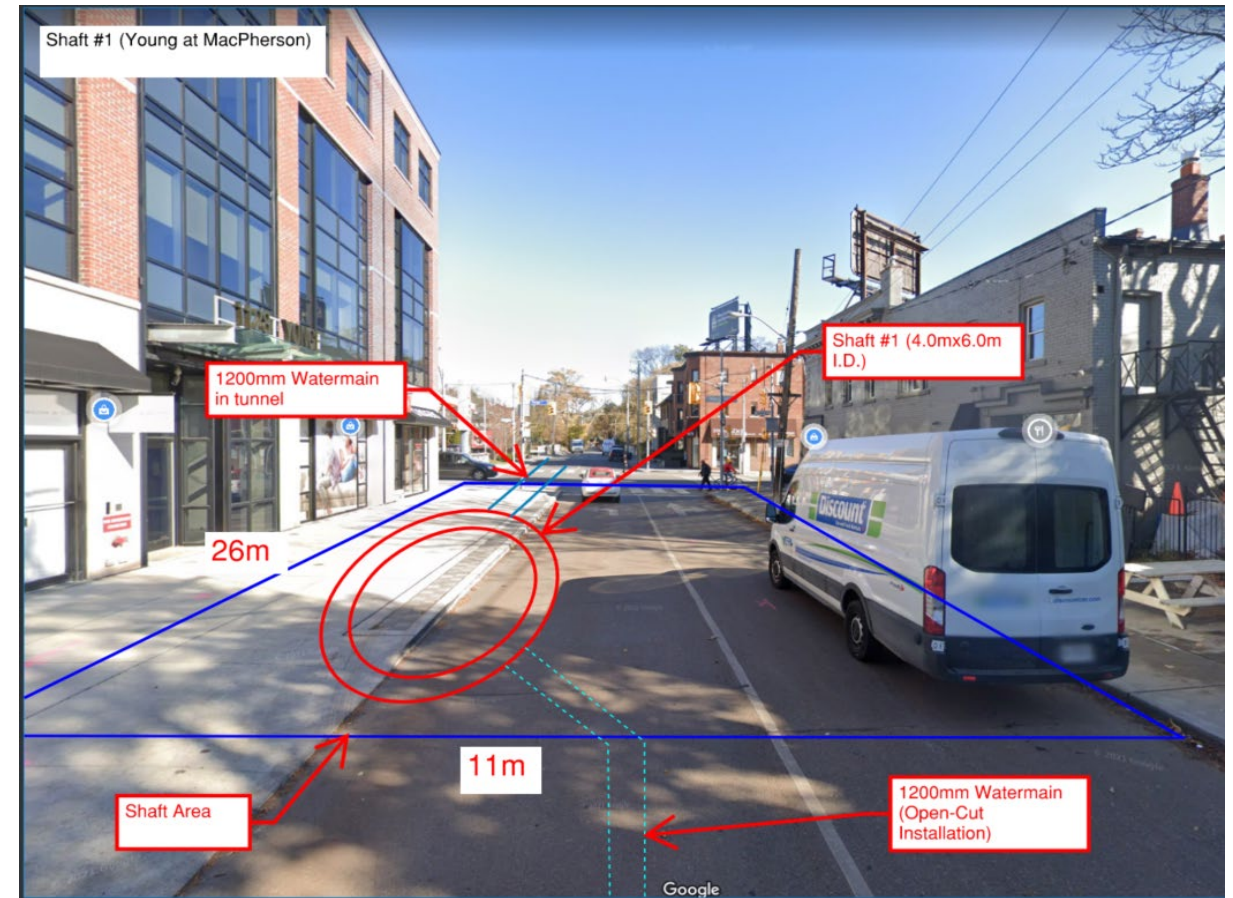
July to December 2025
Tunneling and
watermain installation

**April to
August 2026**
Restoration of road
and sidewalk
Abandonment of
existing watermain

* Schedule is subject to weather conditions

Macpherson Avenue Shaft Location

- Macpherson Avenue is a one-way eastbound street.
- The shaft on Macpherson Avenue will be about 30m deep.
- The shaft work area at Macpherson Avenue will require a lane closure west of Yonge Street.
- To avoid full closure of the road, Macpherson Avenue will be widened to allow for a right-turn lane.
 - Access to Yonge Street will remain open at all times during construction.
 - Access to businesses and deliveries will be maintained.

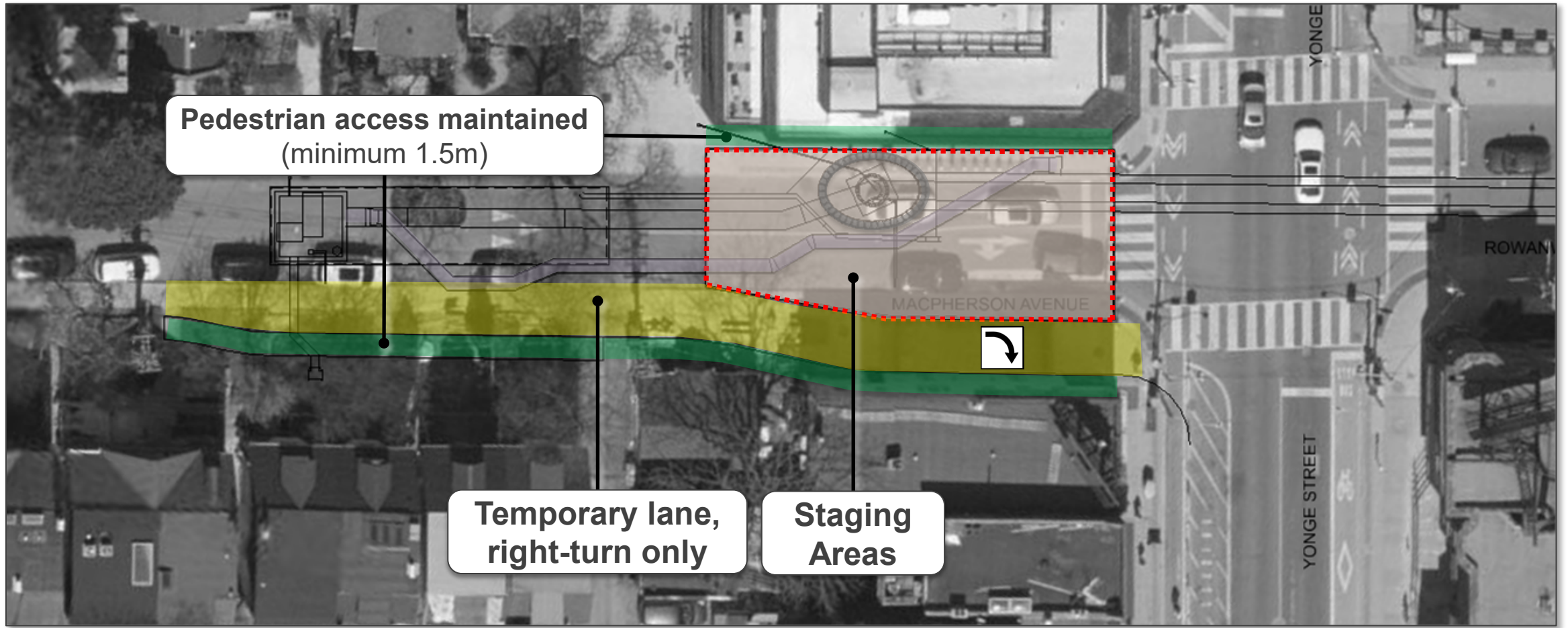


Shaft Area – Construction Impacts

- Dust Management
 - Dust control measures to be used throughout construction
- Noise Management
 - Construction noise levels will comply with City noise by-law requirements
- Vibration Monitoring
 - Vibration monitors to be installed along construction zone

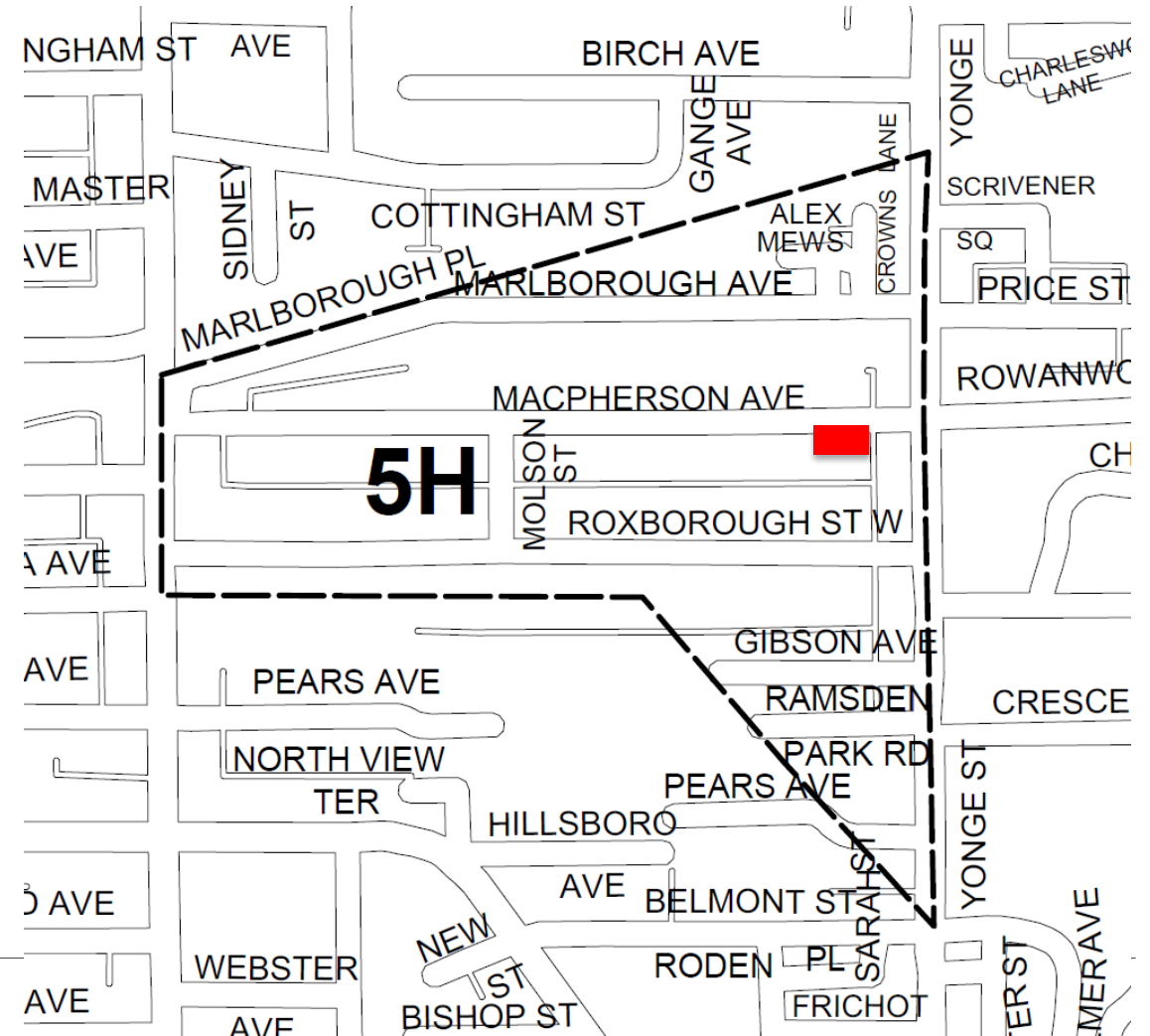


Macpherson Avenue Widening



Macpherson – On-Street Parking

- 6 on street parking spaces will be temporarily removed.
- Parking was removed to accommodate the road widening and shaft work area.
- Residents with an existing 5H parking permit can continue to park within the 5H permit area.
- Permit area 5H has 358 spaces in total, with 245 permits issued.
- Parking will be restored once the shaft area is restored.

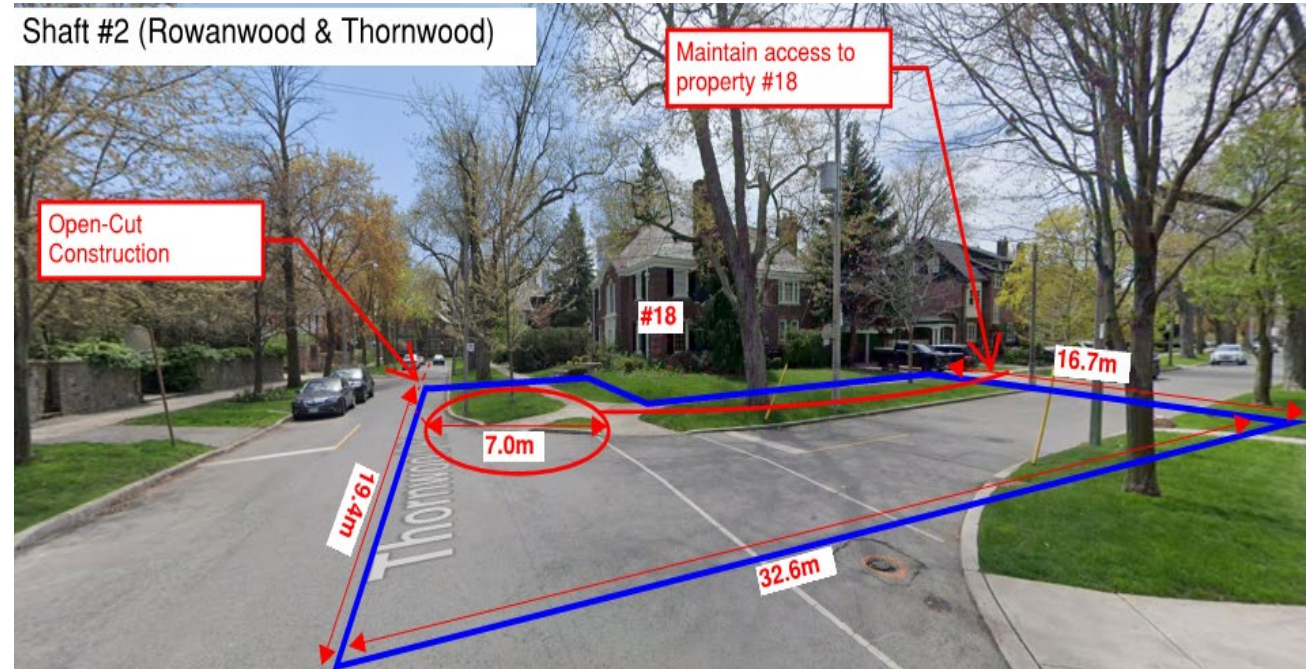


Macpherson – Traffic Management



Thornwood Road Shaft Location

- Thornwood Road near Rowanwood Avenue will be reduced to a single lane due to the shaft work area at the south-west corner of the intersection.
- Rowanwood Avenue will be fully closed to vehicles at Thornwood Road.
- This shaft will be about 16m deep.



Thornwood - Traffic Management

- Rowanwood Avenue will be fully closed to vehicles at Thornwood Road.
- Residents will still have access to driveways
- No changes to garbage pickup
- Detours available for Rowanwood Ave through Cluny Drive & Yonge Street.

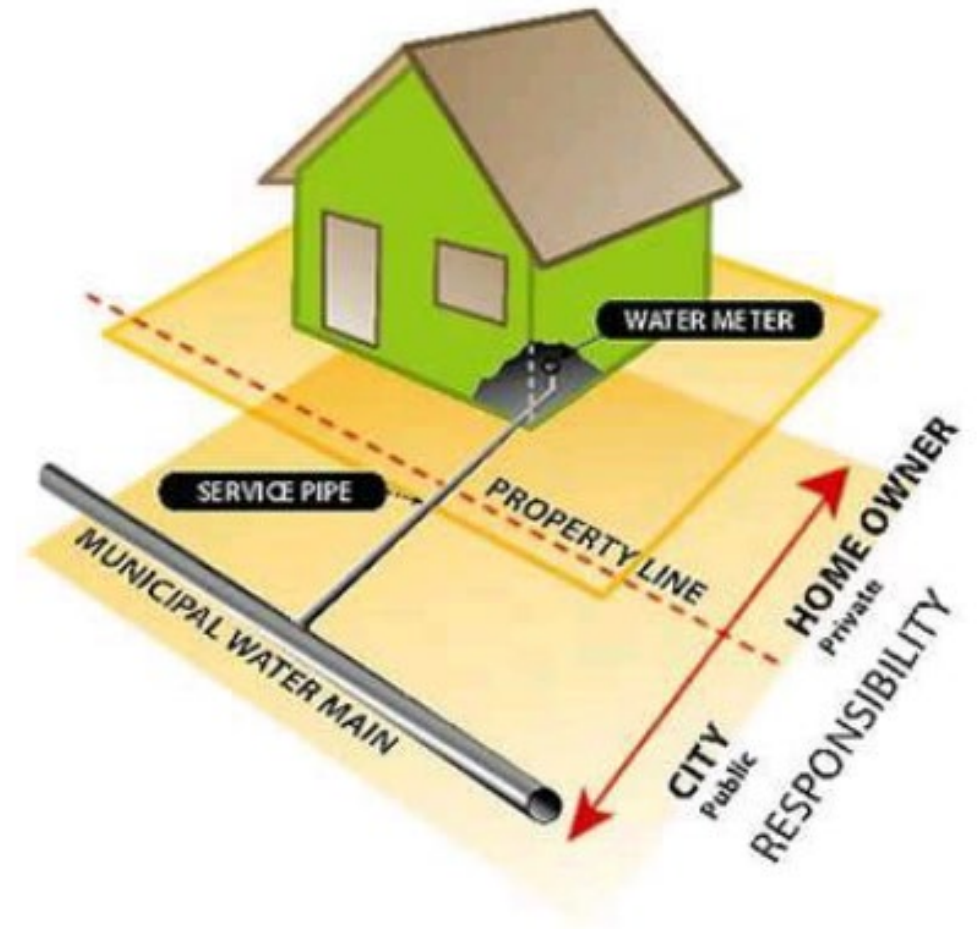


Watermain and open-cut excavation

Transmission watermain and open-cut excavation on Thornwood Road, Cluny Drive, Chestnut Park, Roxborough Street East and Wrentham Place.

The work will involve:

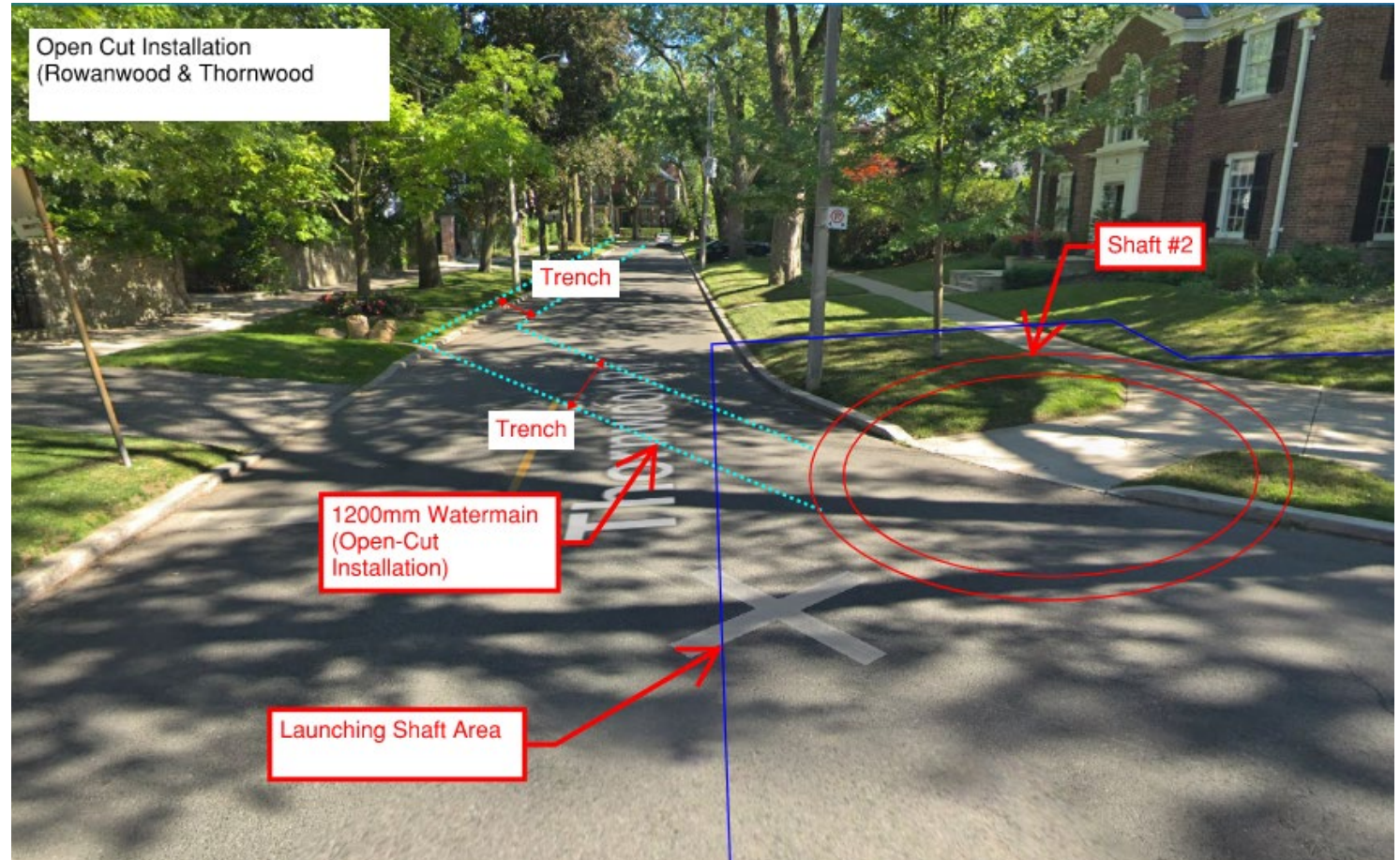
- Digging a trench
- Installation of new transmission watermain



Rowanwood Ave & Thornwood Road

Open-cut watermain replacement will extend from the Thornwood shaft, south along the east side of Thornwood Road.

Open cut watermain replacement will extend from Shaft #2, south along the east side of Thornwood Road.



Thornwood Ave & Chestnut Park

Open-cut watermain replacement will extend from Thornwood road, south along the side of Chestnut Park.



Chestnut Park

Open-cut watermain replacement will extend south along Chestnut Park.



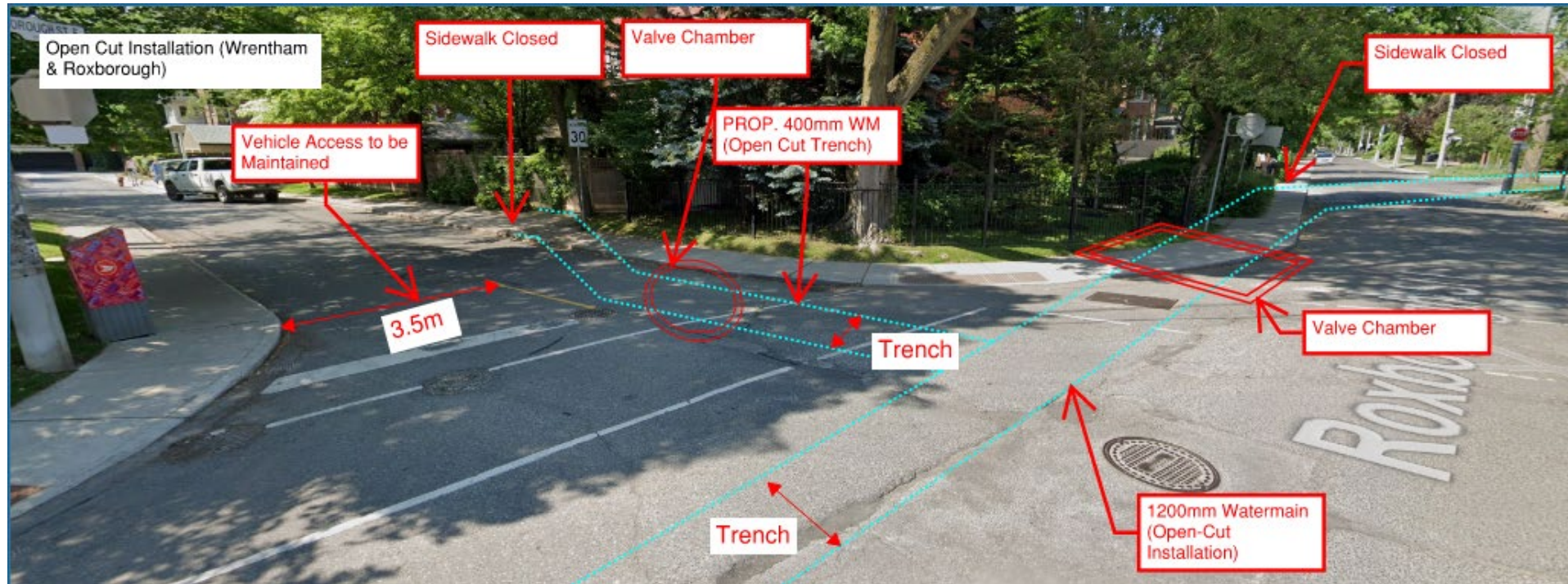
Chestnut Park & Roxborough

- The watermain will be installed through open cut. Sidewalk on south side to be closed.



Roxborough Street & Wrentham Place

The watermain will be installed through open cut. Sidewalk on south side to be closed.



Tools to Manage Traffic

To help manage traffic flow during construction, the City will undertake the following measures:

- Adjustment to traffic signal timing
- Signage plan
- Camera observations
- Temporary removal/bagging of relevant existing road sign restrictions
- Reviewing implementation of Paid Duty Officers as well as Traffic Agents at key intersections during busy periods



What to expect during construction

Work Hours

- Work hours will be Monday to Friday, 7 a.m. to 7 p.m.
- Saturday and weekend work may be required, but minimized as much as possible.

Pedestrian & Vehicle access

- Driveway access may be temporarily restricted within the construction zone (affected homes will be notified 48 hours in advance).
- Access to businesses will remain open during construction.

Emergency Access

- Emergency vehicle access will be maintained at all times.

Garbage/Recycling

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

What to expect during construction

Parking Restrictions

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

Temporary water shut offs

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

Restoration of areas affected by construction

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

Keeping You Informed

Throughout the construction, the City will:

- Issue Construction Update notices for any major changes
- Send regular email updates on the project's progress
- Regularly update the project webpage at toronto.ca/Rowanwood

A Field Ambassador has been assigned to this project.

- Questions or concerns during construction can be directed to them.
- Contact details are included in construction notices



Sign-up for email updates on the webpage

Contacts



If you have any questions regarding construction, please contact:

Nabeela Rafique - EXP Services Inc.

Field Ambassador

Telephone: 437-755-3286

Email: nabeela.rafique@exp.com

If you have any questions regarding the design,
please contact:

Steven Ziegler – City of Toronto

Senior Coordinator, Public Consultation Unit

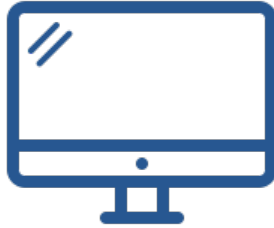
Telephone: 416-392-2896

Email: rowanwood@toronto.ca

toronto.ca/rowanwood

Question & Answer

Question & Answer - How to Participate



Computer / smartphone / tablet

- Use Q&A panel to type questions.
Please direct questions to all panelists.
- For verbal questions, select the Participants button and use the 'Raise Hand' function.



Phone (call-in) participants

- Press *3 to virtually raise your hand and let the moderator know you want to ask a question.
- When it is your turn, the moderator will unmute you.