

# **Rowanwood Avenue Transmission Watermain Replacement**

## **Water supply improvement Project**

Monday, July 11, 2022

6:30 p.m. to 8:00 p.m.

# Land Acknowledgement

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.



**This meeting is being recorded  
for purposes of creating a meeting  
summary that will be shared with  
all meeting participants.**

# Project Team

## **City of Toronto:**

Toronto Water (TW): Henry Polvi, Water Supply Senior Engineer

Engineering and Construction Services (ECS):

Shivan Narine, Linear Underground Infrastructure Manager

Kuldip Tamberh, Project Manager

Rick Shrestha, Assistant Project Manager

Public Consultation: Mae Lee & Mark de Miglio

**Exp:** Ismail Issa, Jean Louis Gaudet, Yves Monereau

# Agenda

1. Introductions – 6:30pm
2. Presentation – 6:40pm
3. Question & Answer Period – 7:15pm

# 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 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.

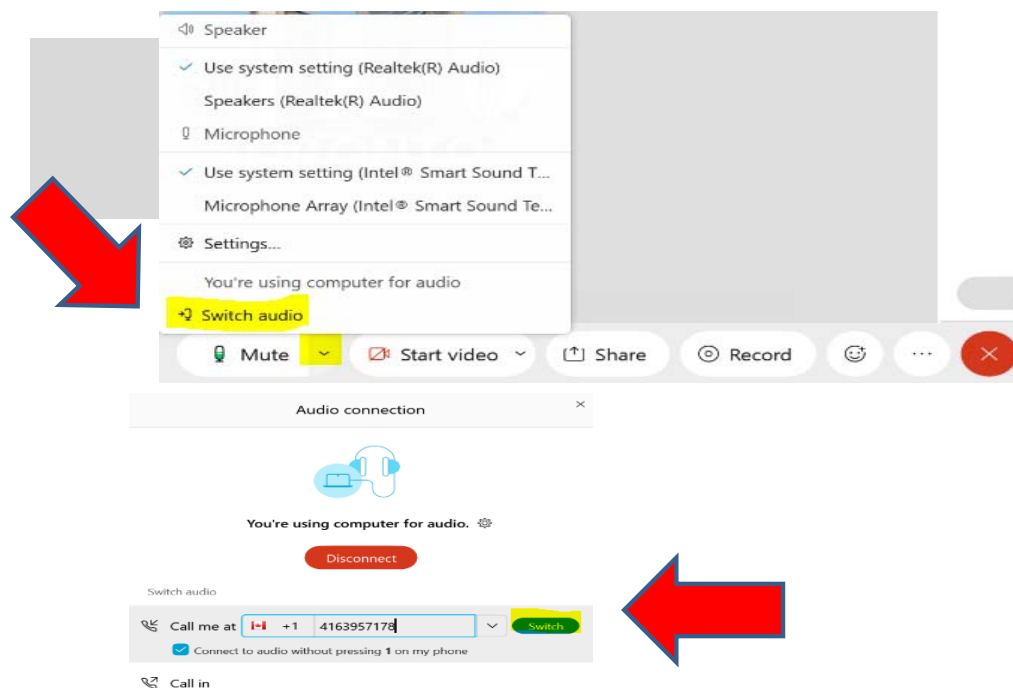


We want to hear from you – all questions are good questions!

# Webex Audio Trouble?

## Webex can call you!

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:

2469 664 6760



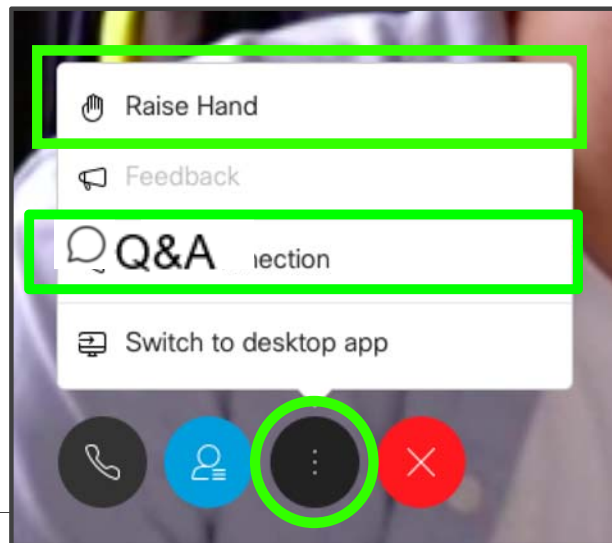
# Participating by Computer

Raise your  
hand or  
type your  
question



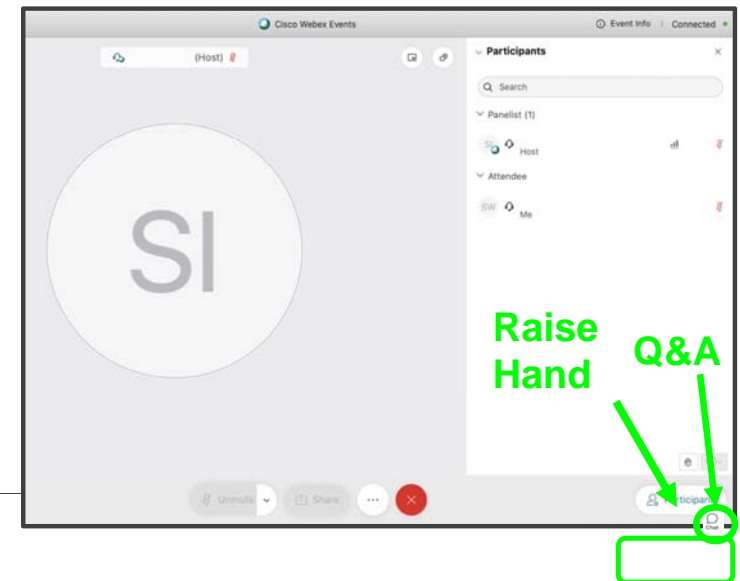
## Via the internet browser

Click the “...” button at the bottom of the video window and select “Raise Hand” or “Q&A”.



## Via the Webex App

Click the Participants button at the bottom of the video (the Participants panel will open to the right). Then click the “Raise Hand” or “Q&A” button at the



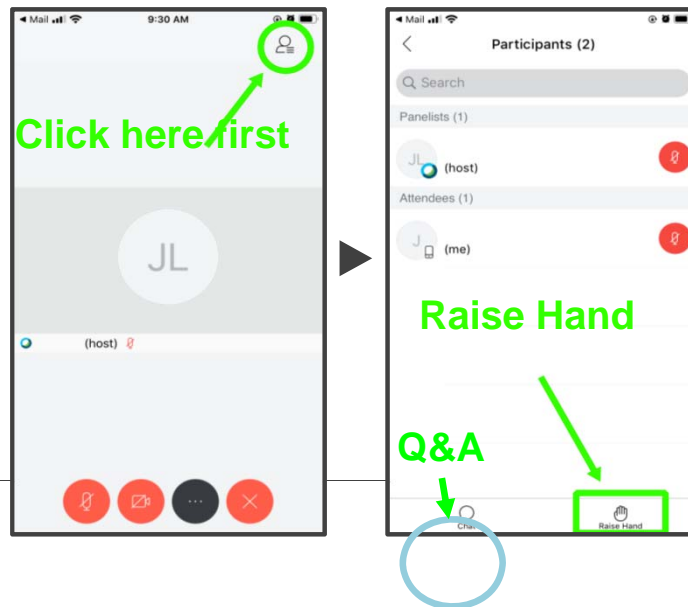
# Participating by SmartPhone or Tablet

Raise your  
hand or  
type your  
question



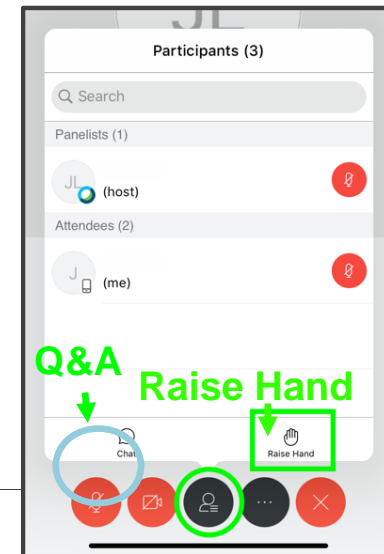
## For smartphones

Click the Participants panel button at the top right corner of the screen. Then click “Raise Hand” or “Q&A” at the bottom right of the screen.



## For tablets

Click the Participants panel button at the bottom of the screen. Then click the “Raise Hand” or “Q&A” button at the bottom right.



# 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

# Project 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
- The City may need replace substandard water services on Thornwood Road
- Transmission mains supply water from the treatment plant to various streets in the area

## **Why a new Watermain is Required**

- The existing 900mm watermain was constructed in 1928
- Water Optimization Study completed by Toronto Water has identified the need to increase size of the main to meet future water supply demands

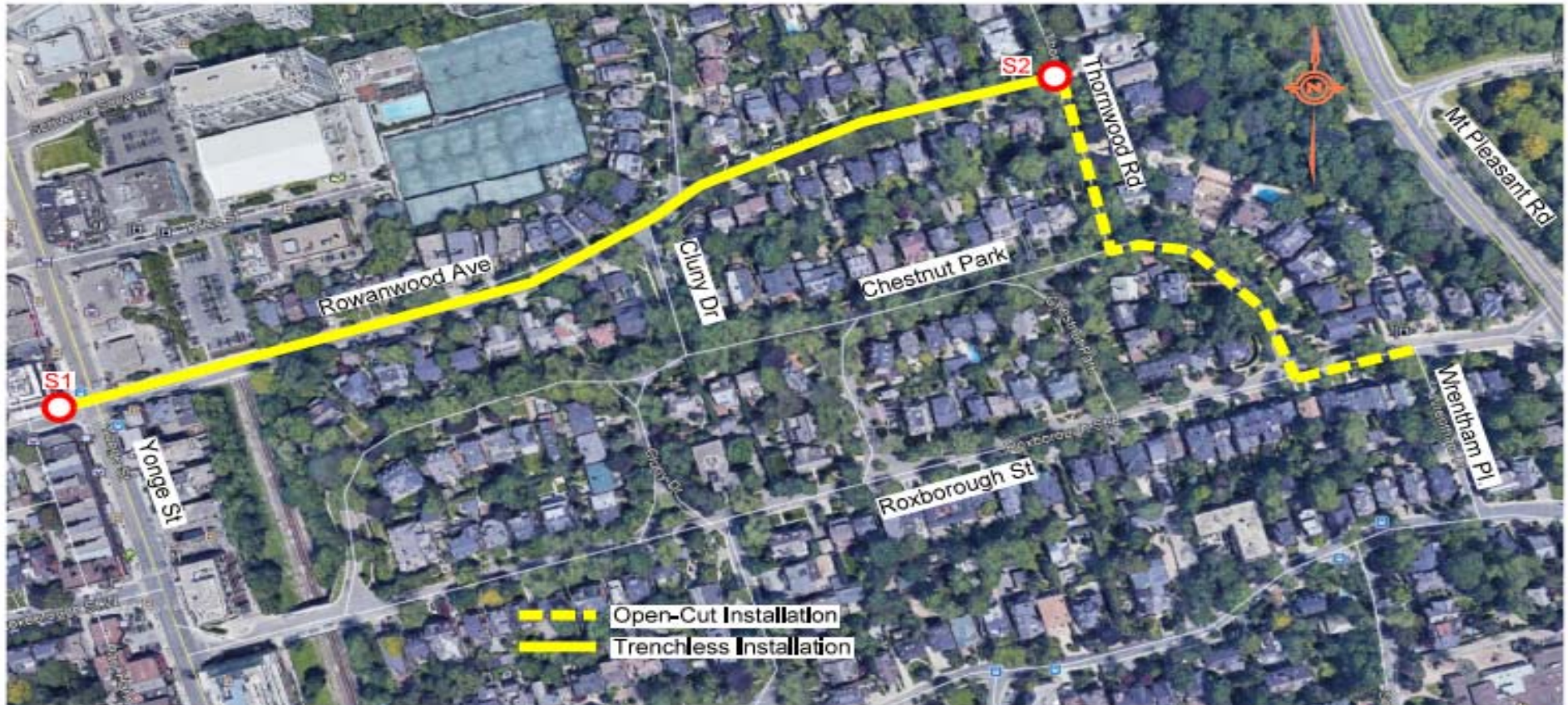
# Watermain Replacement

- To replace the watermain, work crews will need to 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 new trench to place the watermain
- Tunneling will require a tunnel boring machine (TBM) to excavate and construct the new watermain between the two shafts
- Shafts have been designed to avoid utility relocations, traffic impacts, tree removals and driveway interruptions





# Work Area



# Project Schedule

- The work is expected to start in Spring 2023 and will take approximately 20 months to complete
- Tunneling and open cut construction is expected to take place concurrently
- Tunneling construction is expected to take 15 months
- Open cut construction is expected to take 6 months



# Site Safety & Access

- Hoarding will be erected around each of the tunnel shafts for public safety
- Alternative parking arrangements will be made where driveway access or street parking is impacted; properties have been notified to-date
- Access to properties will be maintained at all times
- Pedestrian sidewalks will be maintained, where possible or persons will be re-routed around the construction site

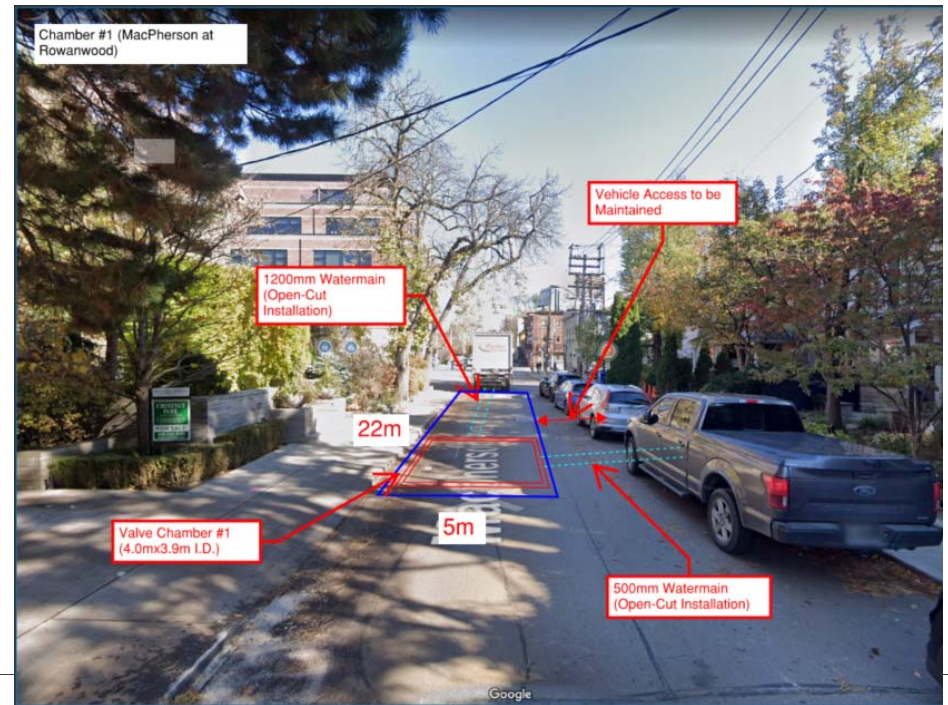
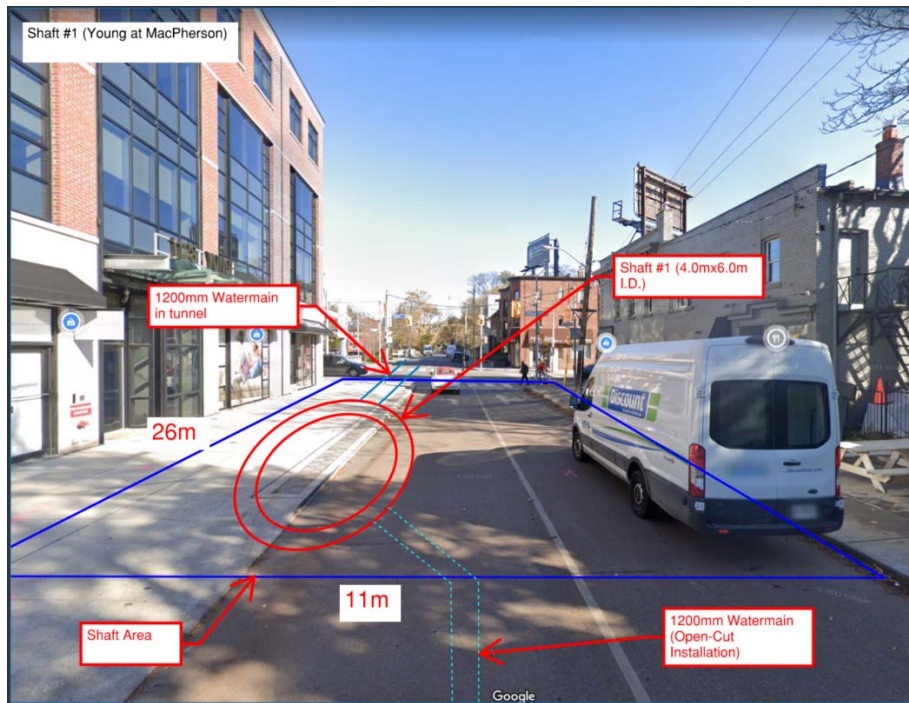


# Tree Impacts

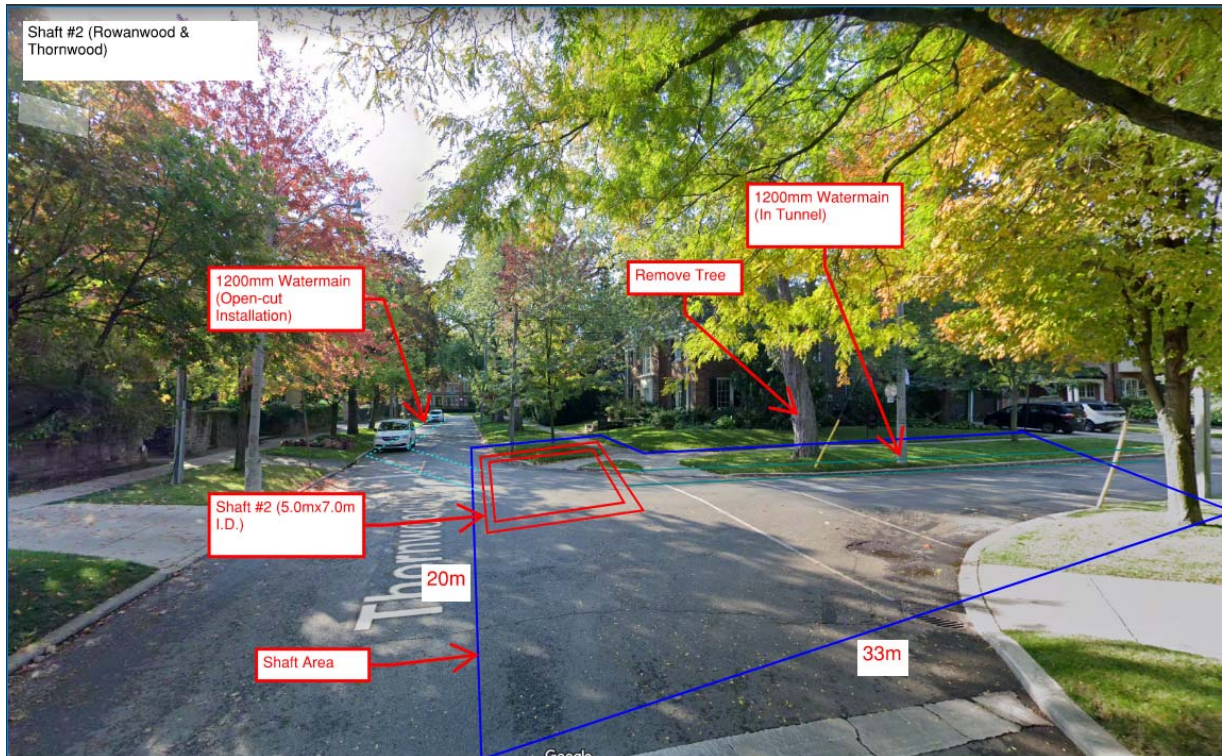
- 10 trees will be removed as part of this project . Removed trees are located on:
  - Chestnut Park – 7 trees
  - Roxborough Street East – 2 trees
  - Thornwood Road – 1 tree
- New trees at least 60 mm in diameter

# Tunnel Shaft and Connection at MacPherson Avenue

Road work In these areas is expected to last 12 months



# Tunnel Shaft at Thornwood Road

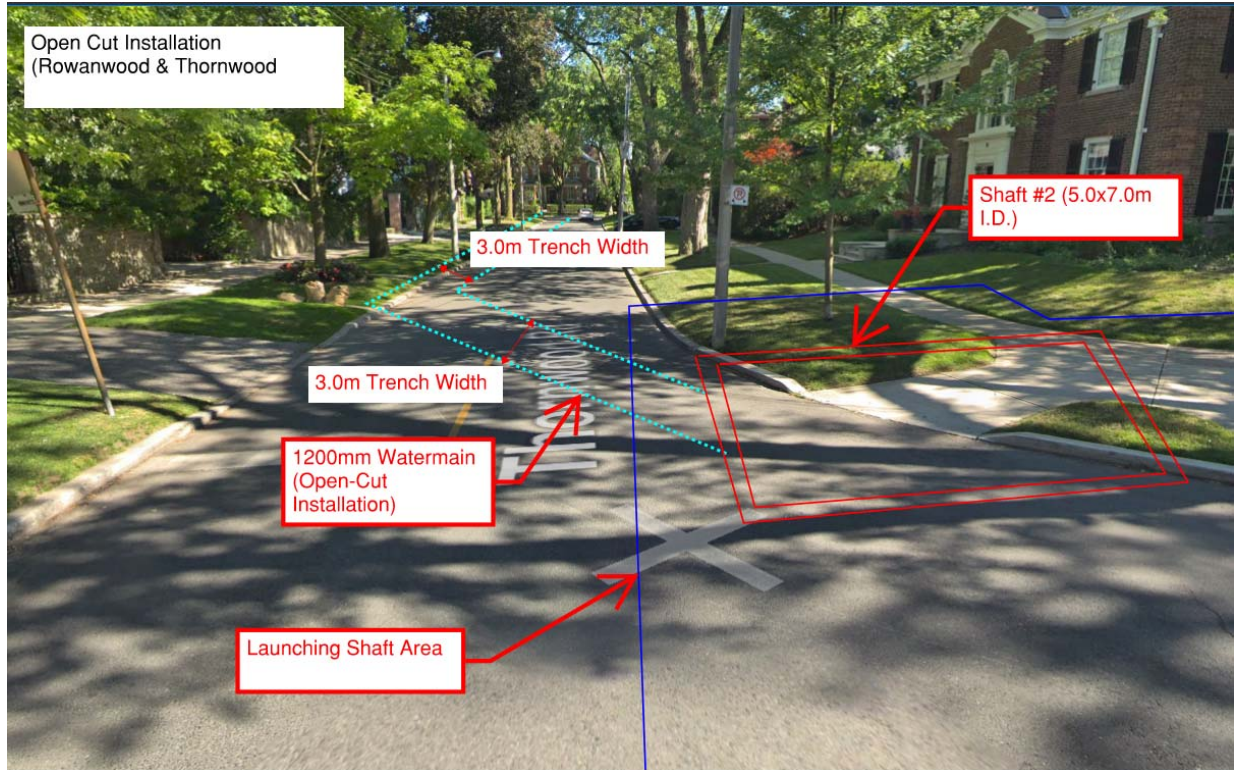


- Tunnel Boring Machine Launching Shaft
- Approximately 30m Deep
- Hoarding Around Shaft Area
- Replant Removed Trees

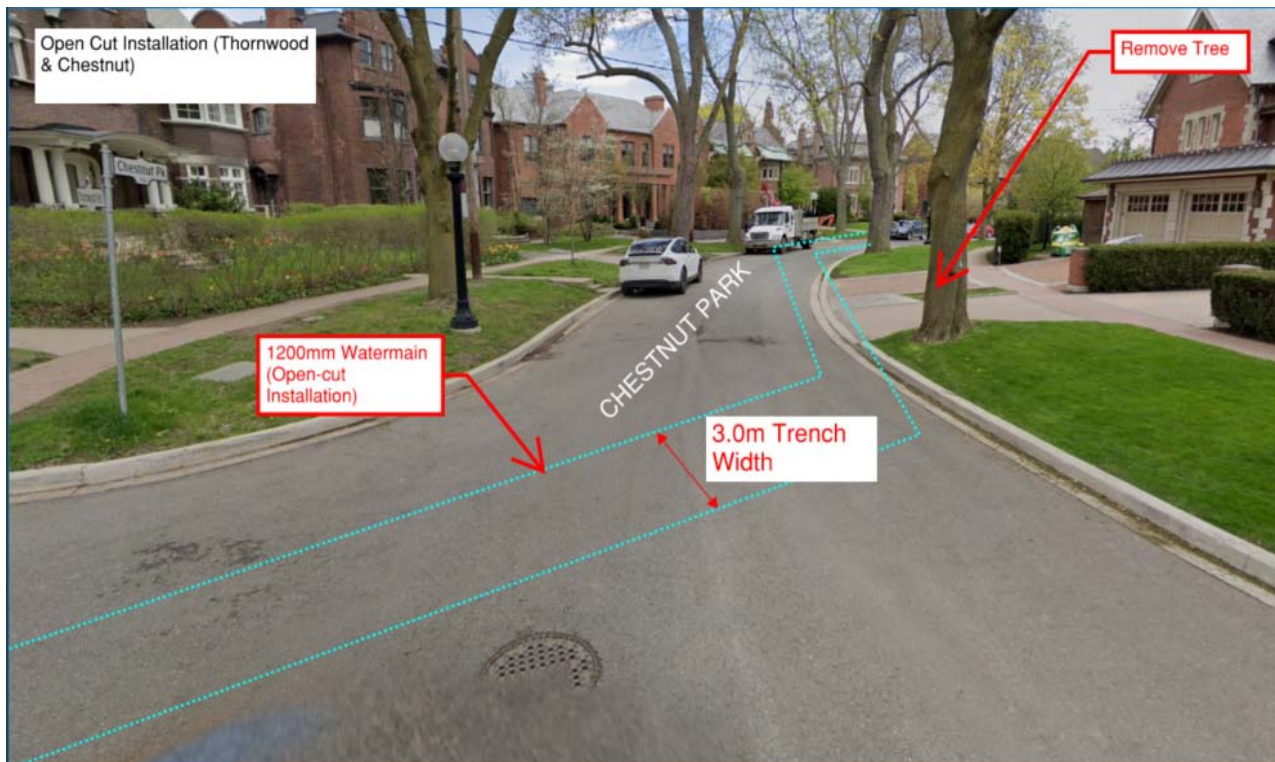


# Rowanwood Ave & Thornwood Ave

- Excavate Trench
- Install 1200mm WM
- Install 150mm WM
- Backfill Trench
- Restore Road Pavement



# Thornwood Ave & Chestnut Park



- Excavate Trench
- Install 1200mm WM
- Install 150mm WM
- Backfill Trench
- Replant Removed Trees
- Restore Road Pavement



# Chestnut Park



- Excavate Trench
- Install 1200mm WM
- Install 150mm WM
- Backfill Trench
- Replant Removed Trees

# Chestnut Park & Roxborough

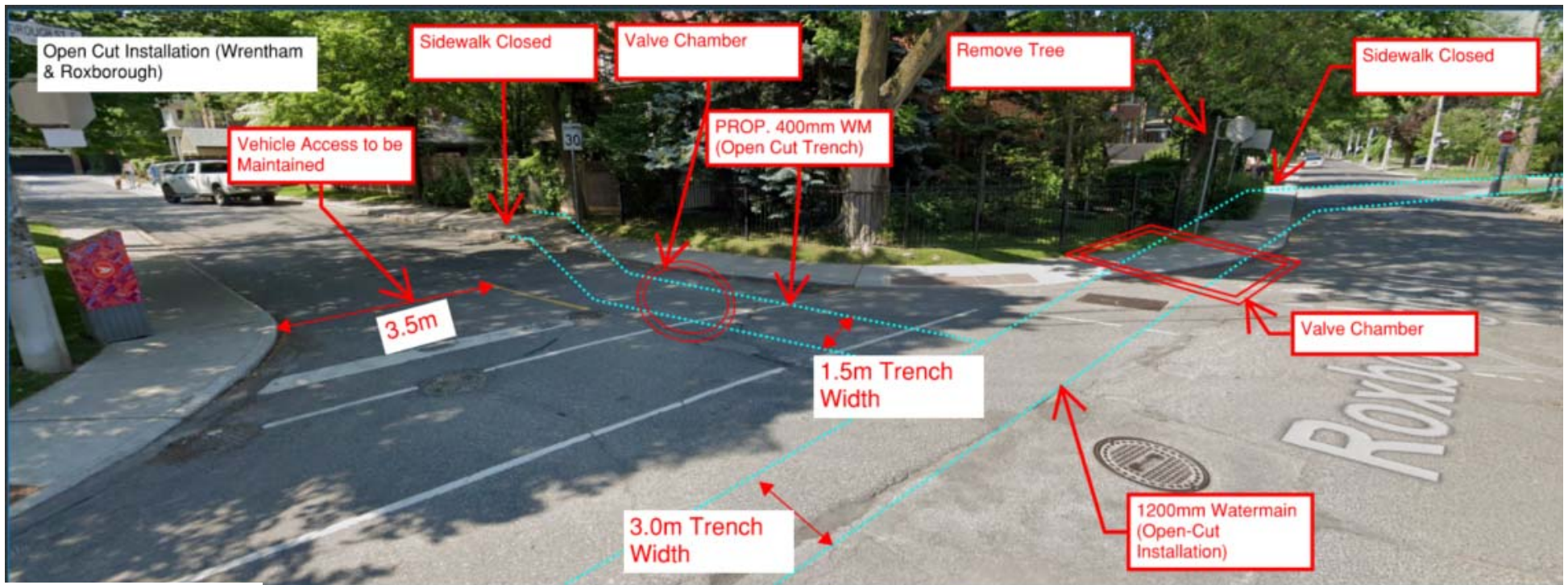
The watermain will be installed through open cut. Sidewalk on south side to be closed.





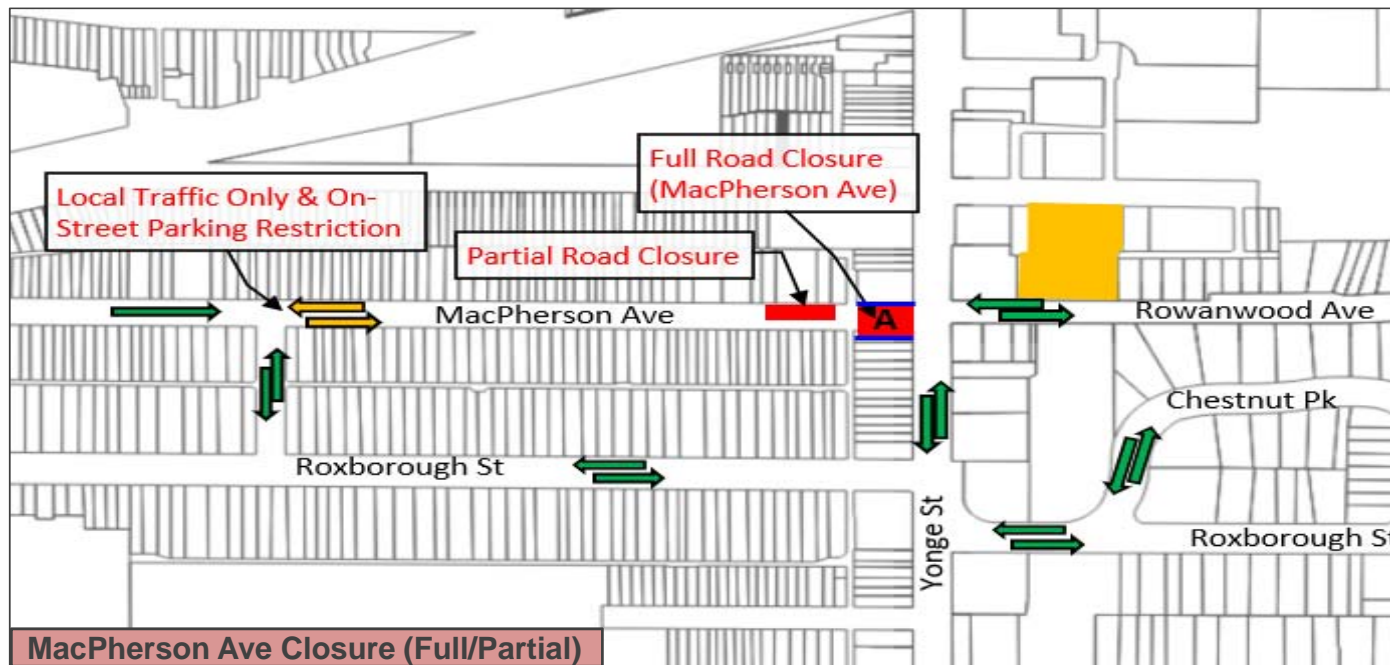
# Roxborough Street & Wrentham Place

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

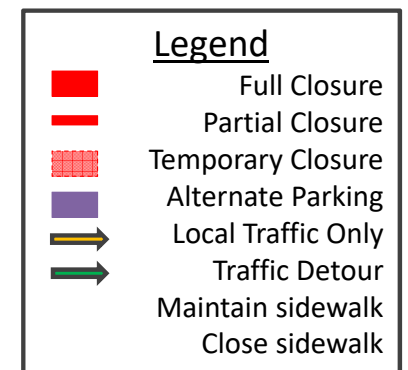




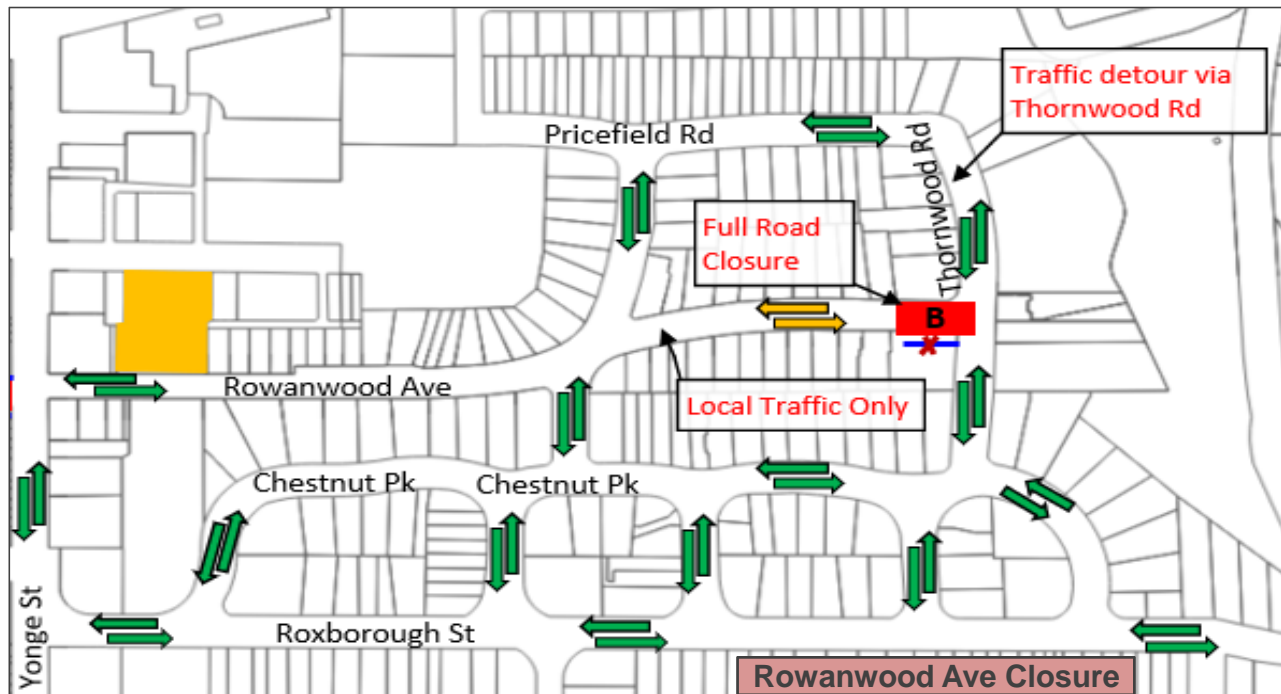
# Traffic Management Plans



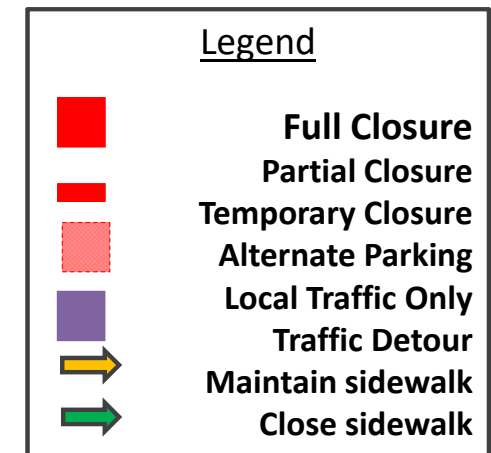
FROM SPRING  
2023 TO SPRING  
2024



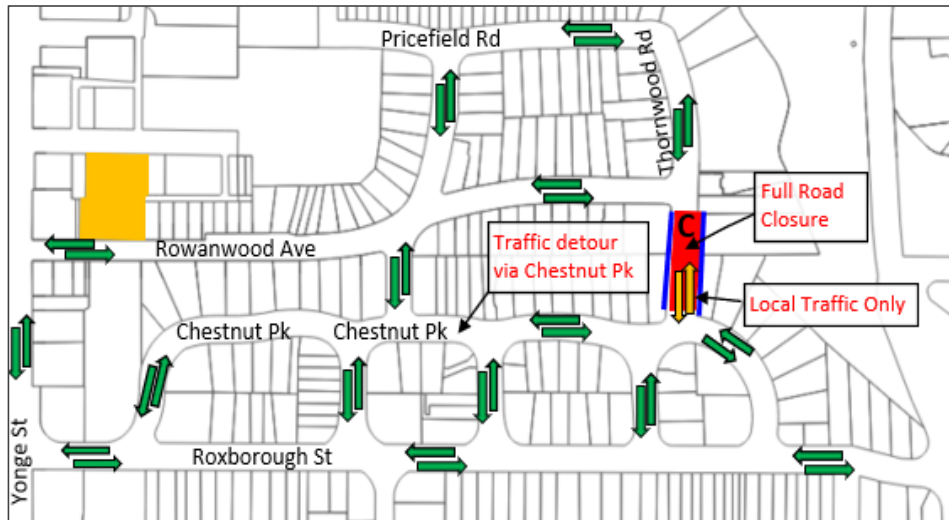
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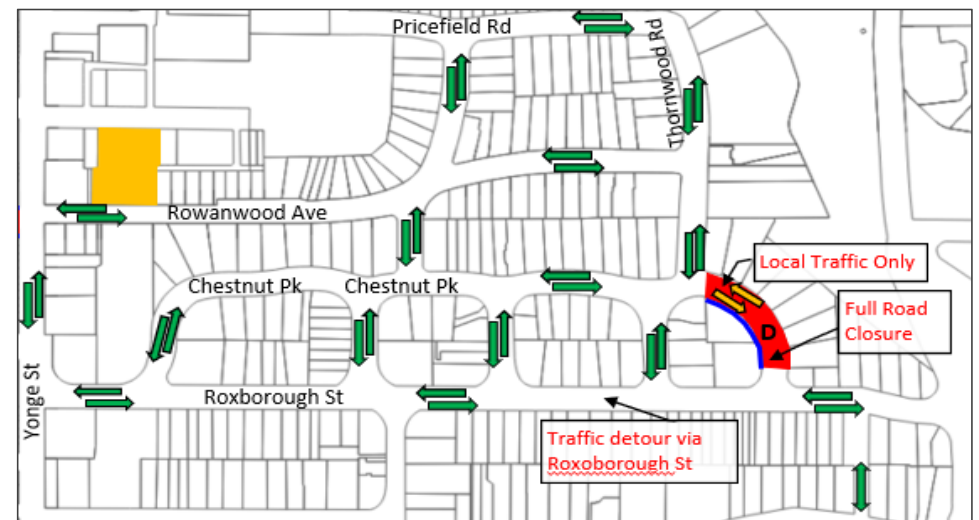
FROM SPRING  
2023 TO FALL  
2024



# Traffic Management Plans



Thornwood Rd Closure

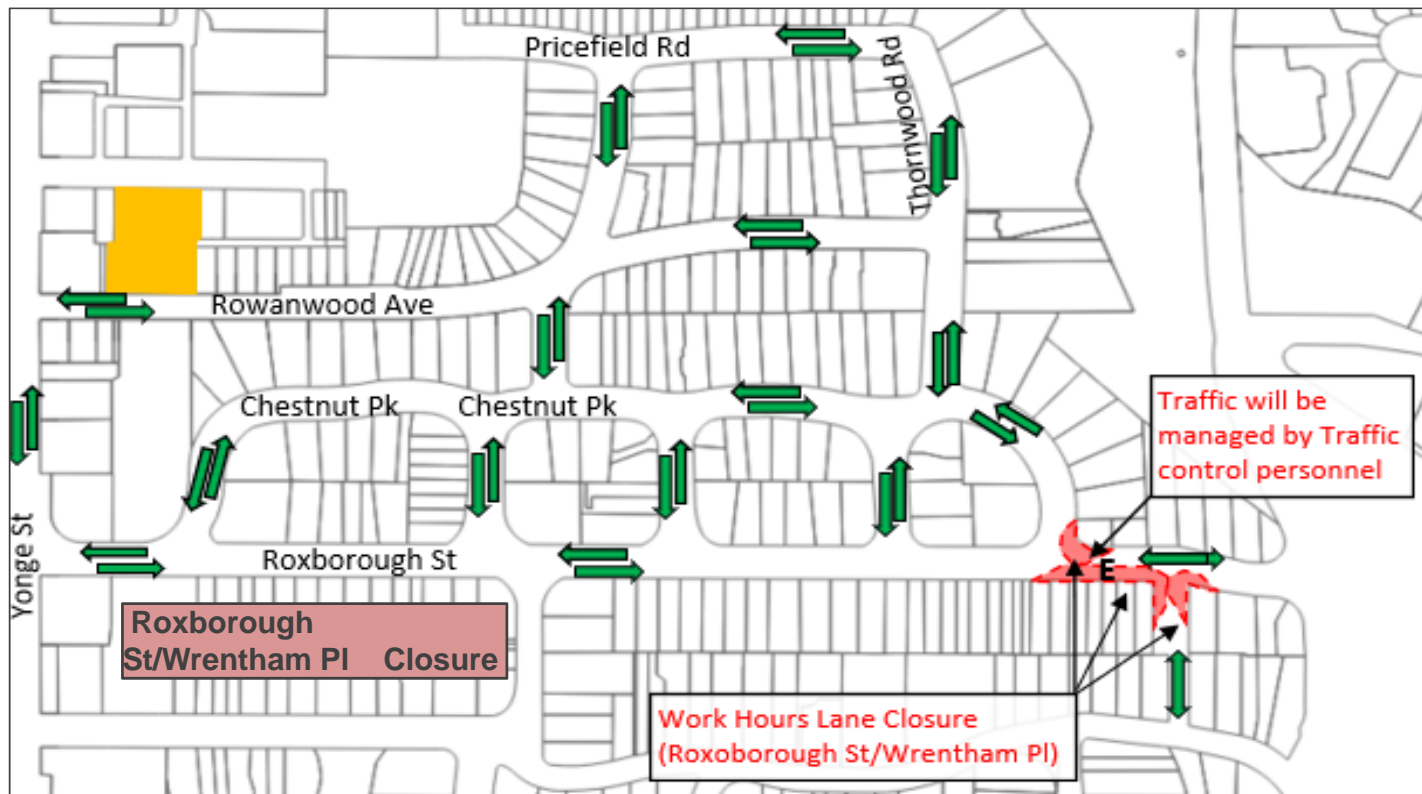


Chestnut Park Closure

FROM SPRING 2024 TO SUMMER 2024

Legend	
	Full Closure
	Partial Closure
	Temporary Closure
	Alternate Parking
	Local Traffic Only
	Traffic Detour
	Maintain sidewalk
	Close sidewalk

# Traffic Management Plans



FROM SUMMER  
2024 TO FALL 2024

## Legend

- Full Closure
- Partial Closure
- Temporary Closure
- Alternate Parking
- Local Traffic Only
- Traffic Detour
- Maintain sidewalk
- Close sidewalk

# Next Steps

- Staff and consultants will complete consultations with utility companies and key stakeholders. Permits are required from TTC , Urban Forestry and utility companies.
- Final design to be confirmed
- A tender will be issued in early 2023 to retain a contractor to perform the work

# Community Relations

During construction, we will:

- Assign a Field Ambassador for residents and businesses to contact with questions or concerns
- Issue a Pre-Construction Notice in early 2023 to confirm expected timing
- Issue a Construction Notice 2-3 weeks ahead of the start of construction
- Provide Notice Updates for closures and any changes in our schedule or work

# Questions?



If you have any questions please contact:

**Kuldip Tamberh**

Project Manager

Telephone: 416-712-2604

Email: [Kuldip.tamberh@toronto.ca](mailto:Kuldip.tamberh@toronto.ca)

**[toronto.ca/rowanwoodconstruction](http://toronto.ca/rowanwoodconstruction)**

# Questions & Answer Period

## How to Participate

- **By Phone** - To raise or lower your hand virtually, **key in \*3**.
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