

Land Acknowledgment

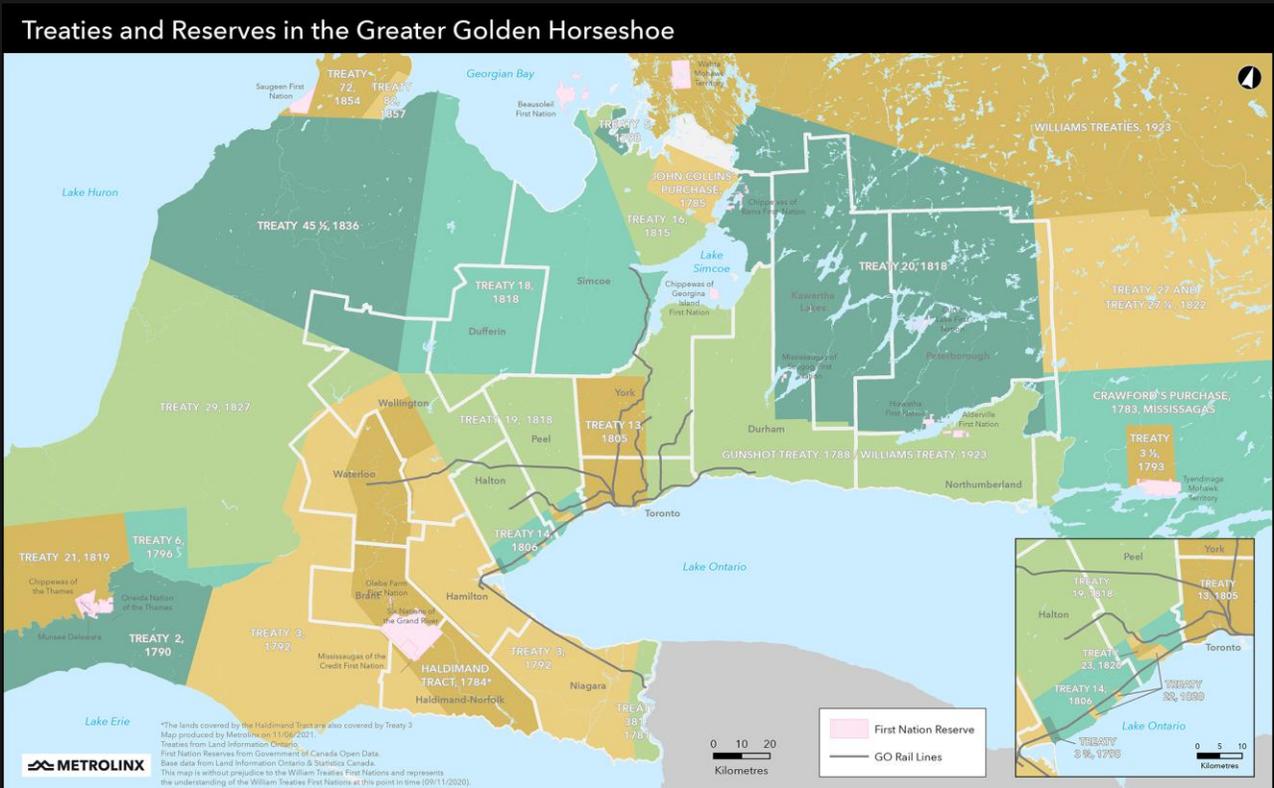
Let us take a moment to acknowledge we are on lands that have been, and continue to be, home to many Indigenous Peoples including the Anishnabeg, the Haudenosaunee and the Huron-Wendat peoples.

We are all Treaty people. Many of us have come here as settlers, as immigrants or involuntarily as part of the trans-Atlantic slave trade, in this generation, or generations past.

We acknowledge the historic and continued impacts of colonization and the need to work towards meaningful reconciliation with the original caretakers of this land.

We acknowledge that Metrolinx operates on territories and lands covered by many treaties that affirm and value the rights of Indigenous communities, Nations and Peoples.

We understand the importance of working towards reconciliation with the original caretakers of this land. At Metrolinx, we will conduct business in a manner that is built on a foundation of trust, respect and collaboration.



Ontario Line

Thorncliffe Park Information Session

February 15, 2024



Rendering - final construction may differ

Agenda

Welcome

- **Introductions**
- **Safety Moment**

Presentation

- **Overview**
- **Elevated Guideway and Don Valley Works**
- **Station Renderings and Features**
- **Overlea Boulevard Preparatory Works**
- **Overlea Boulevard Traffic Impacts and Mitigation Plan**
- **Operations, Maintenance, and Storage Facility (OMSF)**

Discussion

Meeting Guidelines

- Please help us create a **respectful space** for both panelists and fellow participants.
- We want to answer as many questions as possible, so **please keep your question brief**.
- Please ask **one question at a time**; if you have a second question, we will loop back to you.
- We'll have **dedicated time for questions**, so please note them down and we'll have an opportunity for you to raise your questions after the presentation.

Introductions

Speakers



Ligia Saatgian
Director,
North Civils
Metrolinx



Saikat Basak
Manager,
Traffic and Transportation
Metrolinx



Georgina Collymore
Community Engagement
Manager
Connect 6ix

Safety Moment

Winter Emergency Preparedness

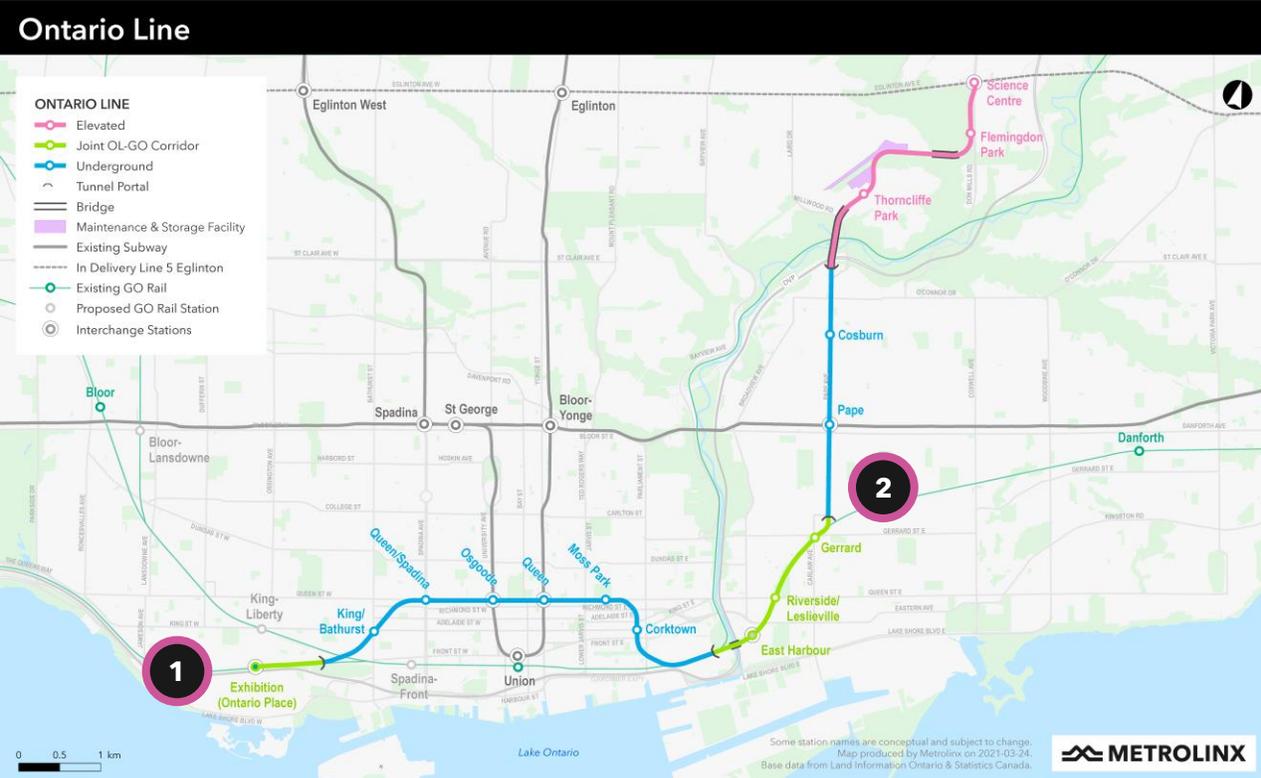
Power Outages

Be prepared to be self-sustaining for a **period of three days**.

- A supply of drinking water
- Food items and snacks including baby formula and food
- Necessary medications supply
- Warm clothing, blankets
- Flashlights and extra batteries
- Charged power bank(s) to charge mobile phones
- Support your loved ones, who may require support with accessibility, to have the above supplies on hand



ONTARIO LINE



1 South Segment of Ontario Line (Exhibition to Corktown/Don Yard) **2** North Segment of Ontario Line (East Harbour to Eglinton)



15.6 kilometres long



15 stations



As frequent as every 90 seconds during rush hour



227,500 more people within walking distance to transit



388,000 daily boardings



40+ connections to other transit options



Up to 47,000 more jobs accessible in 45 minutes or less, on average

Overview

Ontario Line Construction in the North Segment

- **Metrolinx is starting major construction activities in the northern section of the Ontario Line throughout 2024 and 2025.** This includes in the Thorncliffe Park neighbourhood, as well as within the Don Valley and in adjacent neighbourhoods to the north and south.
- The Ontario Line will be elevated through Thorncliffe Park, featuring an enclosed station at Thorncliffe Park Dr. The line will connect north towards Flemingdon Park and south towards Pape Avenue via new bridges constructed over the Don Valley.
- Prep work must happen before major construction can begin. Prep work includes demolishing structures, reconfiguring roads, and relocating utilities and other public infrastructure to create space to build the final subway structures.
- This work will require a handful of long-term traffic impacts which will be discussed later in the presentation.



Elevated Guideway



- On the stretch of the Ontario line between the Leaside Bridge and Beth Neilson Dr., as well as on Don Mills Rd., the subway trains will run on an elevated guideway separated from other traffic.
- The elevated guideway will connect with three above-ground, enclosed stations: Thorncliffe Park, Flemington Park, and Science Centre stations.
- The design of the elevated guideway has been informed by existing designs across North America and Europe and is intended to incorporate best practices and lessons learned.

Guideway cross-section

A cross-section of a portion of the elevated guideway showing integrated drainage and utilities which minimizes visual clutter and delivers clean, functional and elegant structures along the road.



Rendering - final construction may differ

Guideway and station interface

An illustration of how the guideway will connect with the future Thorncliffe Park Station. Lighting under the guideways will be an important safety and amenity feature.



Rendering - final construction may differ

Guideway view

A view of the guideway along Overlea Boulevard showing the public realm.



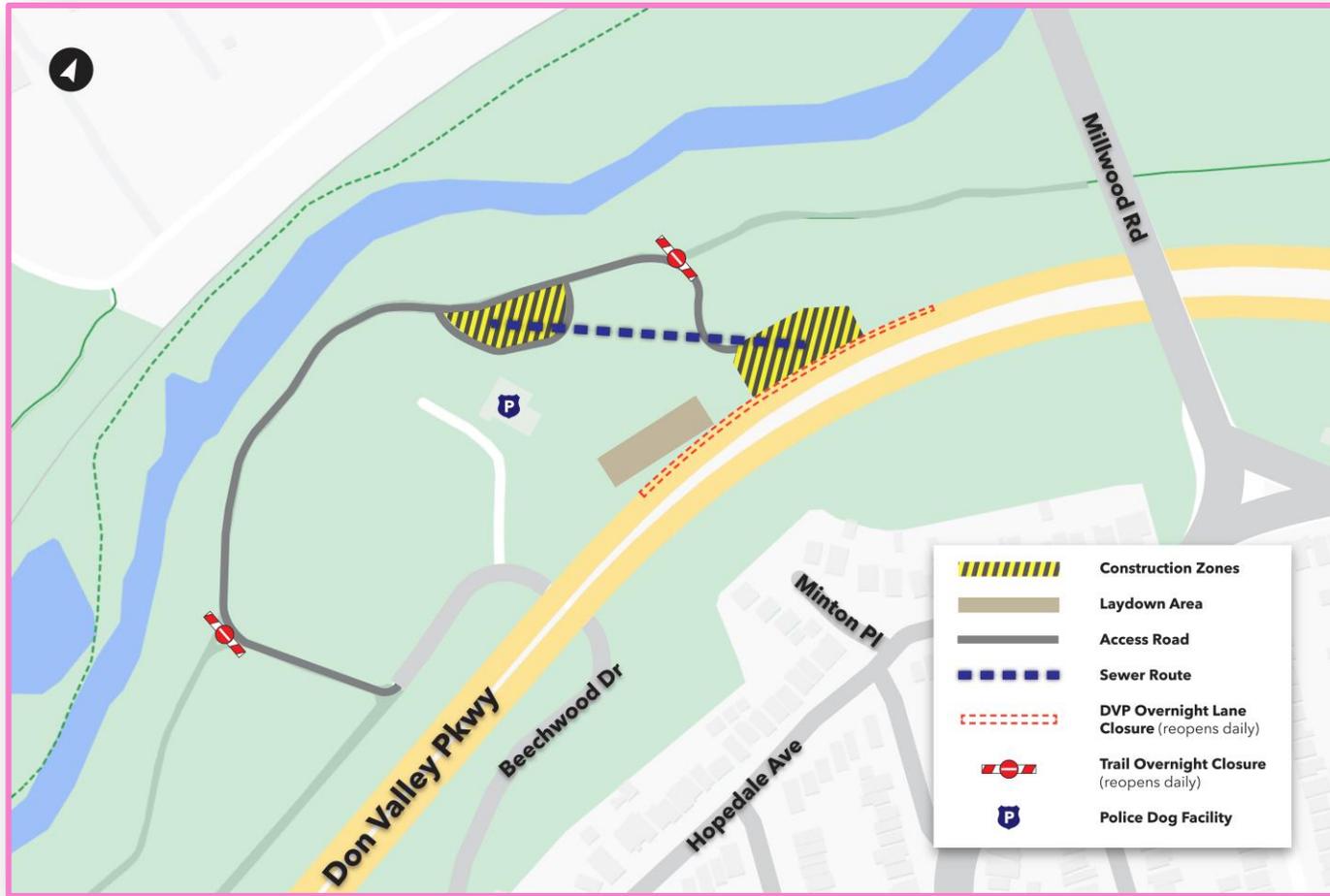
Rendering - final construction may differ

Don Valley Crossings



- Two large bridges will span the Don Valley, to be used exclusively by Ontario Line trains.
- The first crossing will begin at the Minton Place Portal (starting Summer 2024 - 2028), travelling north parallel to Millwood Rd. (the Leaside Bridge) before connecting with Overlea Blvd.
- The second crossing will run along the north side of Overlea Blvd, beginning just east of Beth Neilson Dr. It will span over the valley and connect with Don Mills Rd. at Gateway Blvd. (Flemington Park Station).

Advanced Works - Don Valley



- Starting spring 2024 until spring 2025, work north of the Don Valley Parkway, a new sewer will be tunneled and a retaining wall adjacent to the southbound lanes will be constructed.
- The retaining wall will provide structural support for the adjacent roadways.
- The new wall is needed to provide a grade separation between the existing Don Valley Parkway and the proposed excavation shaft for sewer tunnelling works.
- A new access road from the Lower Don trail to the excavation shaft site area and work to level the ground will be constructed.
- The new sewer will be built using a micro-tunnelling machine. The machine will be launched from the western site, and it will be extracted at the eastern site near the retaining wall.

Station Renderings and Features

Station Interior

Platform level within the station, showcasing the centre platform and platform edge doors being implemented for passenger safety. The station will be fully accessible in compliance with the Accessibility for Ontarians with Disabilities Act (AODA).

Station amenities will include:

- Secure bike storage and covered bike parking
- Public plaza/meeting space



Design rendering - subject to change

Station Exterior

A nighttime image of the station, highlighting how transparency supports wayfinding. The spaces under the elevated guideways will be illuminated for safety.



Design rendering - subject to change

Overlea Boulevard Preparatory Works

Preparatory Works Overview

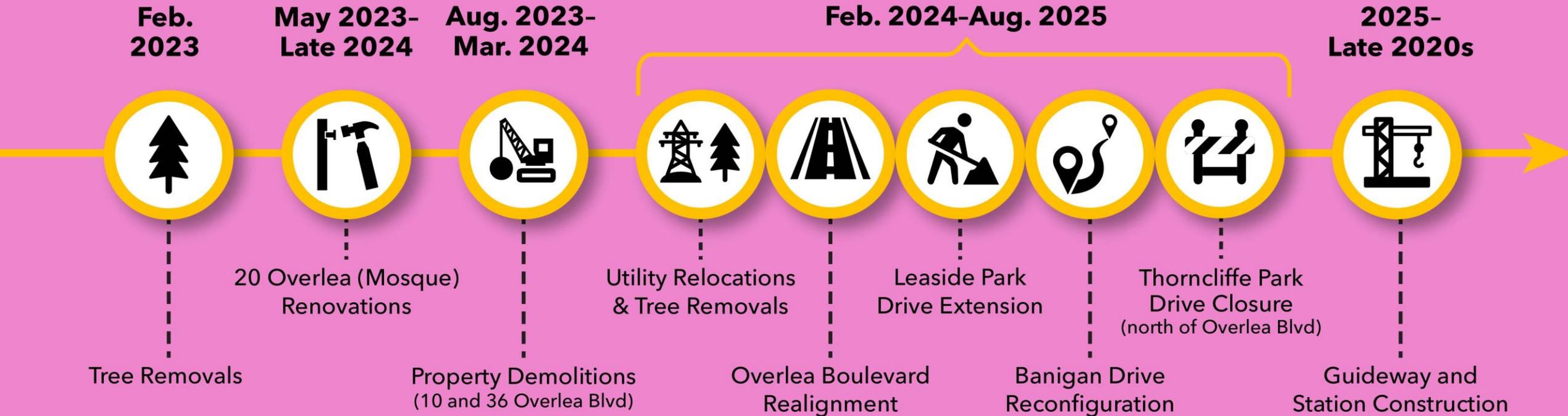


- Preparatory works on Overlea Blvd. will facilitate construction of the elevated guideway and stations, and the operations, maintenance & storage facility (OMSF).
- Preparatory works are done to move infrastructure or other public elements out of the way prior to major construction. On Overlea Blvd., this will include utility relocations, tree removals, property demolitions, and road realignment between Millwood Rd. and Thorncliffe Park Dr.
- This work began in fall 2023 and will last until late-2025.



Overlea Boulevard Construction Timeline

2023-Late 2020s



20 Overlea Blvd

Islamic Society of Toronto

The Maintenance and Storage Facility construction requires the relocation of the Islamic Society of Toronto (IST) and other tenants from 2 and 4 Thorncliffe Park Drive.

The IST and other tenants will be relocated into the fully renovated existing building at 20 Overlea Blvd. That building will accommodate a new Mosque and business hub.

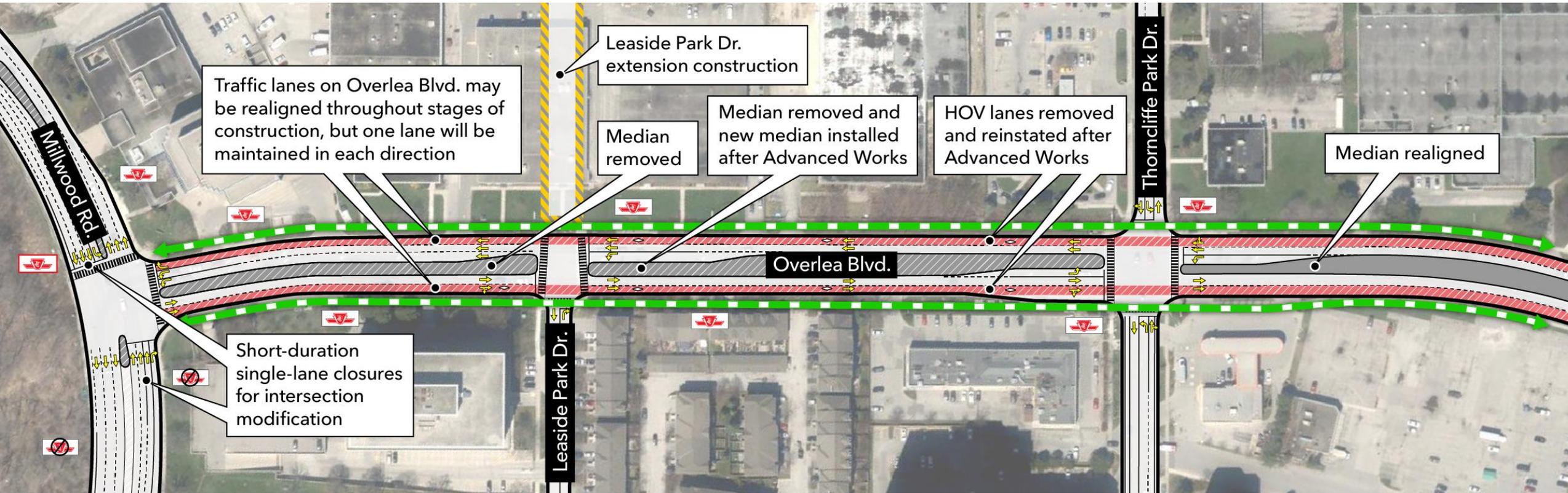


Overlea Boulevard Traffic Impacts and Mitigation Plan

Report to City Council

Traffic approach and considerations

- Metrolinx has been working collaboratively with the City of Toronto to identify a plan and approach to coordinating and mitigating traffic impacts.
- City staff are expected to report on the long-term temporary lane closure requests in the vicinity of Thorncliffe Park Station at the June Executive Committee and City Council meeting.
- Metrolinx will share feedback from the public with the City.
- This report will include:
 - Approval of lane closures required for Overlea Boulevard between Millwood Road and Thorncliffe Park Drive.



Overlea Blvd. Advanced Works Traffic Impacts

18-month duration

Pedestrian path accessible

Lane direction

TTC bus stop maintained

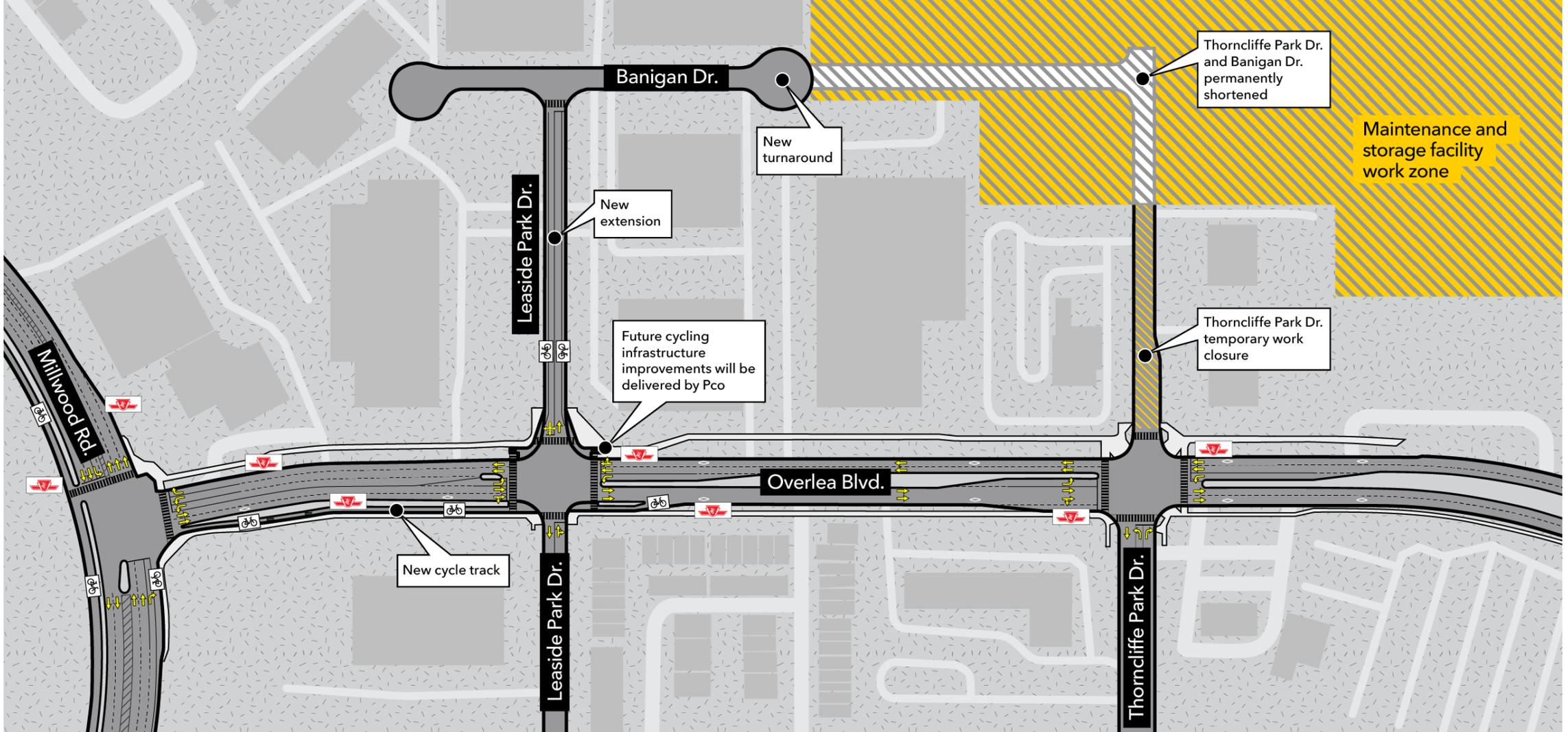
TTC bus stop removed

TTC bus stop new

Note: Sidewalks maintained with short-term closures expected throughout construction. Temporary pedestrian paths will be provided during short-term closures.

Note: Temporary TTC bus stop relocations will be determined at a later date and adhere to the City's prescribed maximum distance from existing stops.





Reconfiguration of Overlea Blvd. and Surrounding Area After Advanced Works



Work zones



TTC bus stop



Bike lane/cycle track



Lane direction

Operations, Maintenance and Storage Facility

Connect 6ix

Connect 6ix is a team made up of Plenary Americas, Hitachi Rail, Webuild, NGE and Transdev.

They have been contracted by Metrolinx and Infrastructure Ontario to design, build and finance key parts of the Ontario Line, as well as to operate and maintain the Ontario Line fully automated subway system for 30 years.

Connect 6ix will:

- Design and build the tracks and the communication, security, safety and automated train control systems.
- Provide state-of-the-art subway trains for driverless operations.
- Operate and maintain the Ontario Line
- Integrate a fare collection system with PRESTO

In addition, Connect 6ix is responsible for constructing an operations, maintenance and storage facility (OMSF) in Thorncliffe Park.



The OMSF

The operations, maintenance and storage facility (OMSF) will be the central location for Ontario Line train storage and maintenance, and also the site of administration and operations offices.

The facility will be located near to a future station on the route in Thorncliffe Park.

Those working at the OMSF location will oversee operations of the line, signalling, and communications maintenance, as well as line security, safety, performance management, and track and train maintenance.



Main building entrance. Work in progress. Subject to change.

The Trains



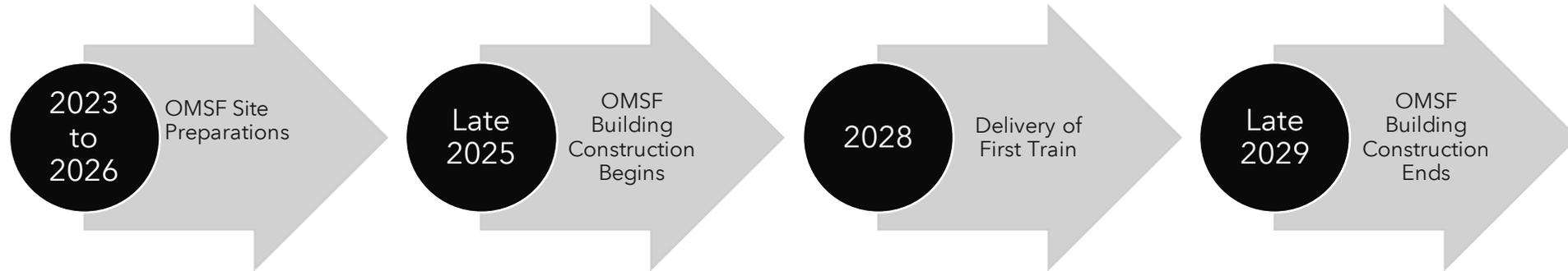
The Ontario Line will feature four-car trains that will be electric and driverless. In operation, the trains will travel up to 80 kilometres per hour.

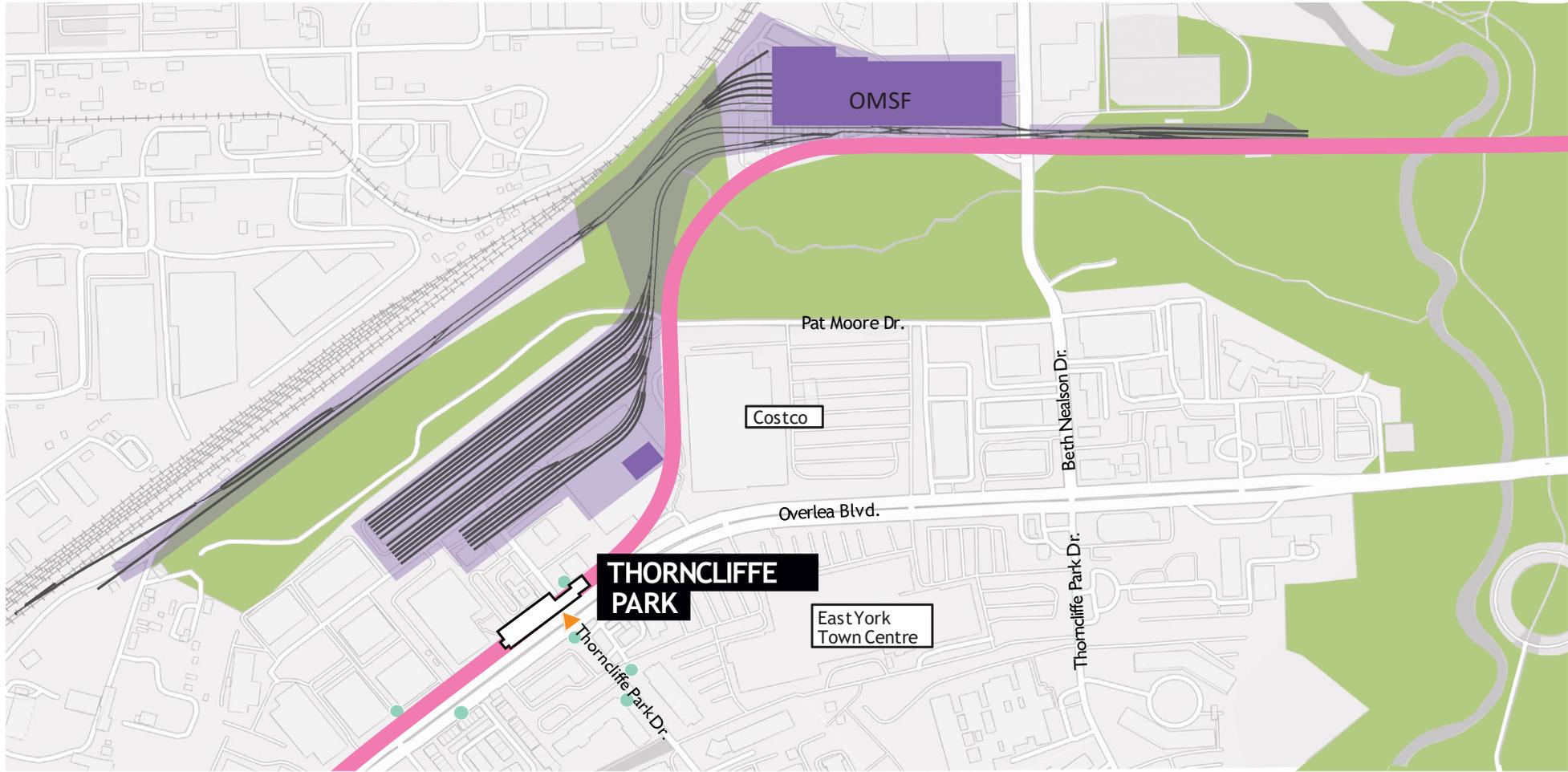
Each four-car train can accommodate 661 passengers. The trains, similar to the vehicles already running on Milan Metro lines 1, 2 and 3, and Rome Metro Line C, will run as frequently as every 90 seconds.

On-board features will include Wi-Fi, double wheelchair areas, charging stations and spots for bicycles.

To create the safest experience possible for Ontario Line riders, each station will include full platform edge screens and doors to prevent transit riders and debris from entering the track area when the train is not in the station.

What's Happening When





- Elevated
- Station Building
- Maintenance and Storage Facility Boundary
- Bus Stop
- ▲ Station Entrance
- Maintenance and Storage Facility Building

Note: Locations of track storage and maintenance buildings are not final.





Main building - dusk. View facing north from hydro corridor.



View from Beth Neilson Drive. View facing south from pedestrian entry gate at Beth Neilson Drive.



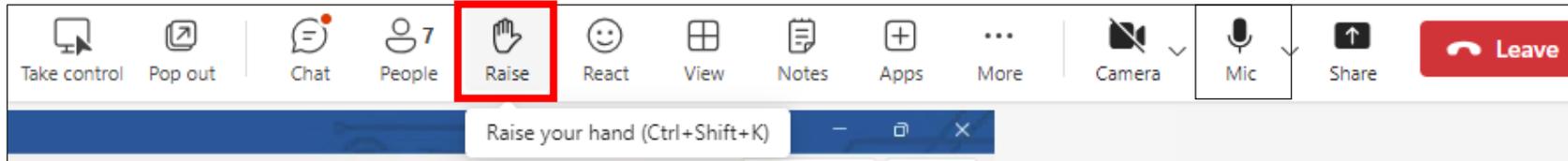
The Ontario Line

Asking Questions on Microsoft Teams

Please follow the below steps to ask questions:

To ask a question, raise your hand:

On a computer raise your hand from the bar at the top of the screen

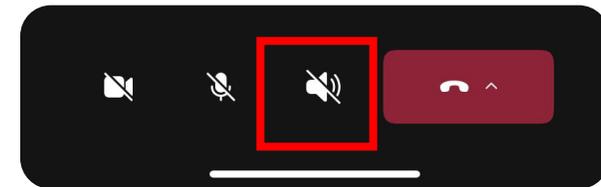


Your question will be placed in the queue. When it's your turn, the host will enable your microphone.

You still need to unmute yourself: click the "Mic" icon at the top of the screen.

On a Phone:

Click the hand icon from the bottom of the screen



Your question will be placed in the queue. When it's your turn, the meeting organizer will enable your microphone.

You still need to unmute yourself: swipe up & click the "Mic" icon at the bottom of the screen.

How to Join Slido to Ask Questions Through Text



Join at
slido.com
#3104 306

- Ask your questions through Slido and we'll be answering some of the questions that were submitted previously through Slido.
- Join Slido now by visiting **slido.com** and entering code **#3104 306**
- You can also scan the QR code to the right to join on your phone.

Please note that it will take a moment for your question to become live on the system.

Contact Us

We Are Here For You

Community Engagement Contact Information

Metrolinx will keep the community, residents and businesses informed by providing project updates, seeking input and feedback, and addressing questions and concerns effectively and quickly.

Email - ontarioline@metrolinx.com

Telephone - 24/7 @ 416-202-5100

Ontario Line e-newsletter - [@Metrolinx.com/OntarioLine](https://www.metrolinx.com/OntarioLine)

Follow us on social media - @OntarioLine

Community Office - East York Town Centre, 45 Overlea Blvd., Toronto, ON M4H 1C3, Unit 153 (M-F 9 a.m. to 5 p.m.)



METROLINX