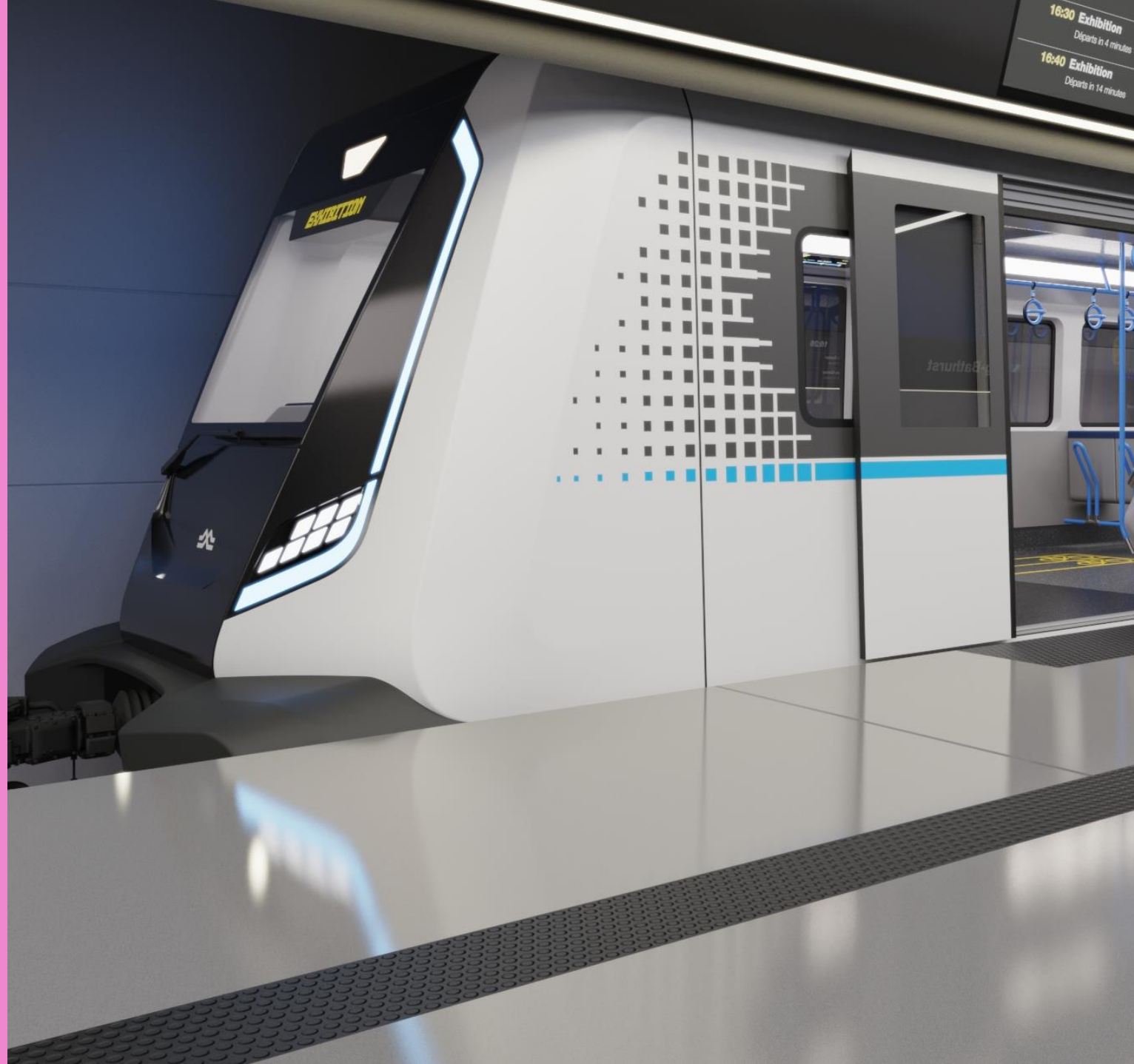


Ontario Line

# Exhibition Station

# Open House



# LAND ACKNOWLEDGEMENT

**Metrolinx acknowledges that we connect communities by building and operating transit within the traditional lands of the Anishinaabe, the Haudenosaunee and the Huron-Wendat peoples, for whom these lands continue to have great importance.**

**Treaties between First Nations and governments cover these lands, and the promises contained in these Treaties remain relevant to this day.**

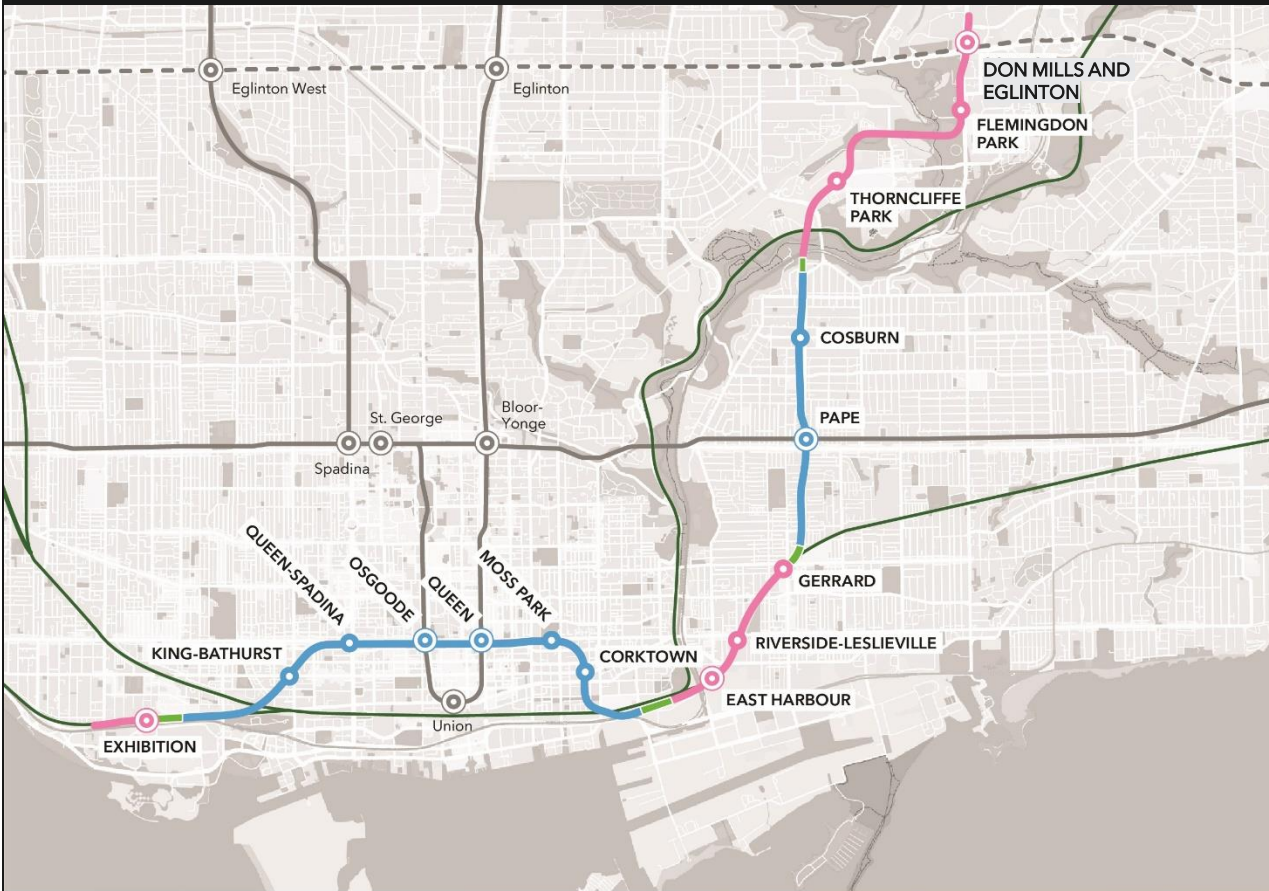
**Metrolinx and its employees are committed to understanding the history of these lands and the continued impacts of colonization and take responsibility for actions to advance reconciliation.**

**Metrolinx will continue to seek the knowledge, expertise and experience of Indigenous partners and commits to doing business in a manner that is built on a foundation of trust, respect, and collaboration.**

Treaties and Reserves in the Greater Golden Horseshoe



# ONTARIO LINE SUBWAY



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

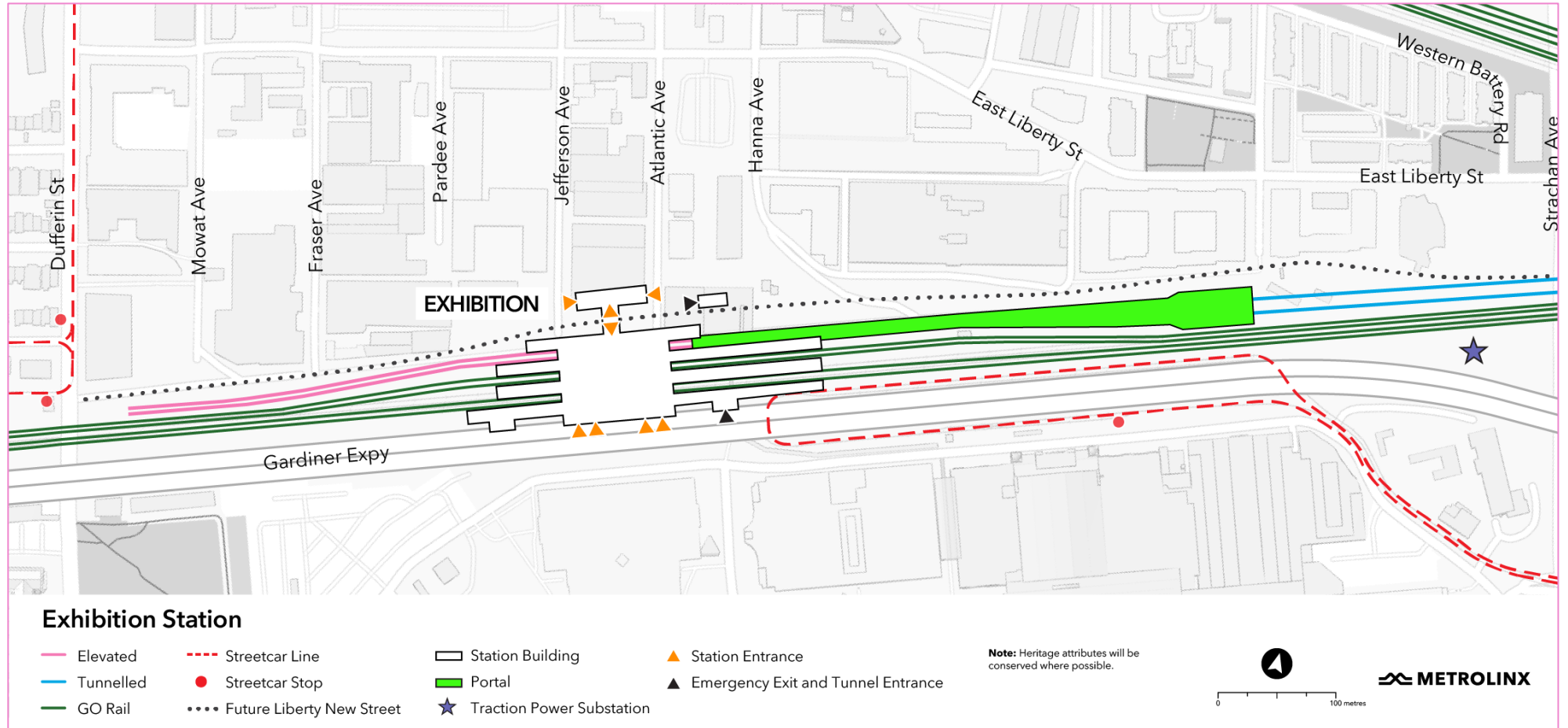


28,000 fewer car trips off the road each day



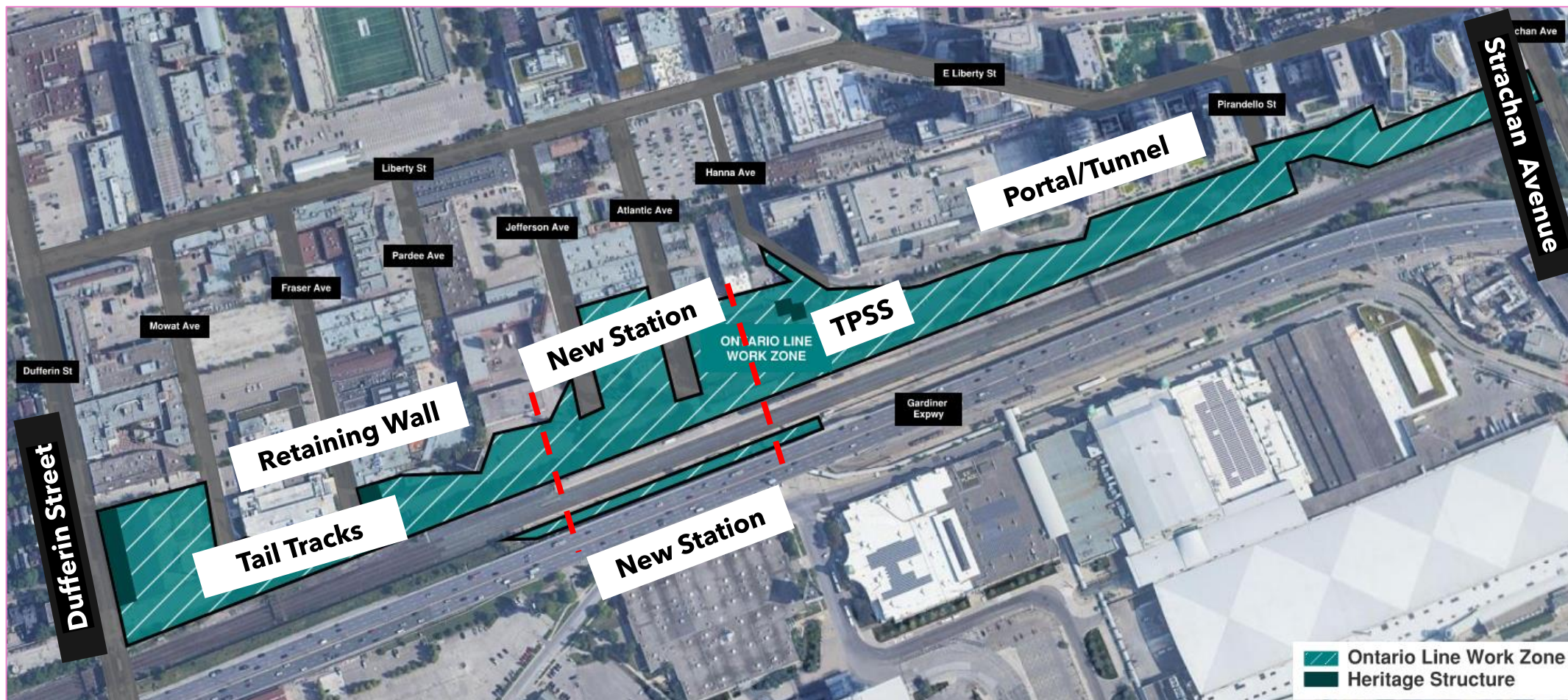
## A NEW TRANSIT HUB SERVING EXHIBITION PLACE & LIBERTY VILLAGE

- The Ontario Line will create a connection to GO Transit and **bring the subway system closer to many homes and businesses** in Liberty Village.
- The shared concourse between the Ontario Line and Lakeshore West GO train will **make transferring quick and seamless.**



# ONTARIO LINE CONSTRUCTION IN LIBERTY VILLAGE

Construction is **happening in work zones parallel to the GO train tracks**, south of Liberty Village, as well as work within the railway corridor.





## WHAT'S HAPPENING AT EXHIBITION?

- To build a new transit hub, crews will continue to work on major projects within the Exhibition site:
- Ongoing **construction tunnel boring machine launch shaft**, east of the existing GO Station entrance.
- **Construction of an all-new station entrance & building** to the east of the existing entrance on Atlantic Avenue.
- Various **excavation and foundational supports** across the work zone to enable for tunnel boring machines to be deployed, and to enable shared Ontario Line & GO train platforms, and a new concourse.



*One of two tunnel boring machines being constructed for use on the Ontario Line.*



## ONTARIO LINE LAUNCH SHAFT & EXCAVATION

- **A launch shaft is being constructed at the east end of the Ontario Line work site.**
- Once complete later in 2025, it **will act as the entrance to the Ontario Line tunnels**, for both tunnel boring machines, and eventually, subway trains.
- **Crews have completed land grading and piling in support of the portal**; this work ensures the ground is level and reinforced, supporting the current excavation efforts.
- Once complete, teams will begin preparing for tunnel boring machines launch.



*Piling to reinforce the ground to ensure structural integrity for excavation and foundations, looking east.*



# ONTARIO LINE TUNNEL BORING LAUNCH SHAFT & EXCAVATION

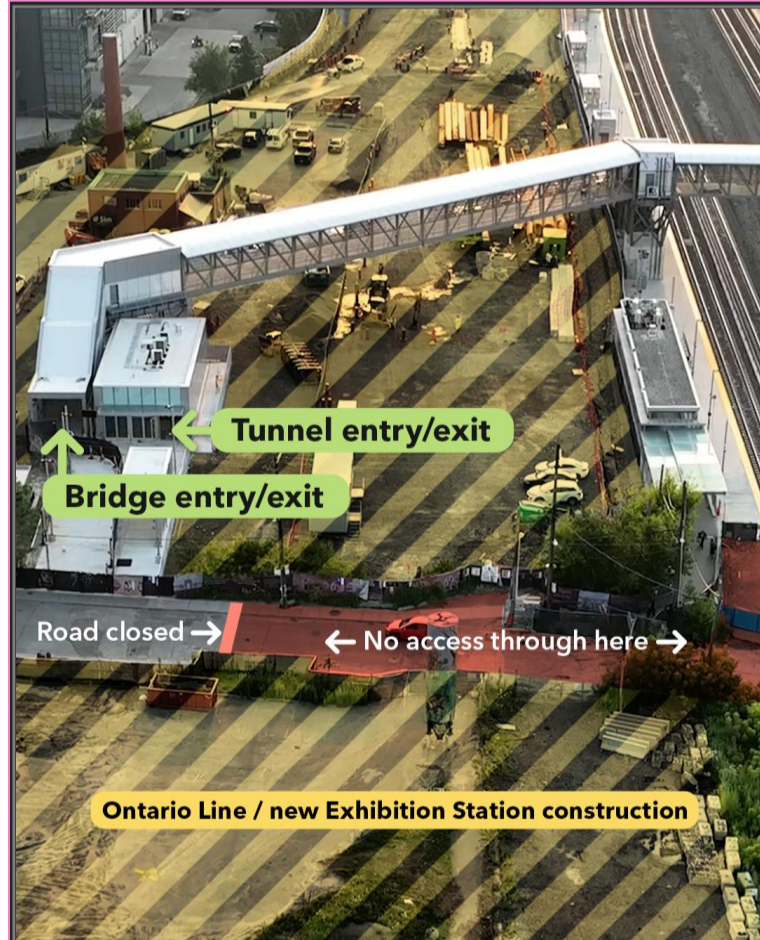


Looking west, on the south side of 65, 75, 85 East Liberty Street.



## NEW ATLANTIC AVENUE STATION ENTRANCE

- A new temporary entrance to Exhibition GO is open.
- The new entrance can be accessed from the east side of Atlantic Avenue, north of the former station entry.
- The **southern foot of Atlantic Avenue, has been closed** to accommodate an expanded Ontario Line construction zone.



*Left: Overview of the new layout*



*Right: Exhibition Station temporary pedestrian bridge, looking east.*



## NORTH STATION ENTRANCE BUILDING PILING & EXCAVATION

- Between Atlantic Avenue and Jefferson Avenue at the south end of Liberty Village, **piles have been installed to support the future station entrance building.**
- **A tower crane will be installed later in 2025 to support excavation** around the new station building area.



*Future station building support piles between Jefferson and Atlantic Avenue, looking northwest.*





Artist's rendering – subject to change. Transit-Oriented Community proposals not shown.



## ORDNANCE PARK EMERGENCY EXIT BUILDING PROGRESS

- East of Liberty Village, **excavation work is underway at Ordnance Triangle Park**, for the future Ontario Line emergency exit building (EEB) to be constructed.
- **This excavation will continue to a depth of 30m**, constructing an emergency exit stairwell connecting to the future tunnels.



*The excavated shaft at Ordnance Park which will lead to a small integrated exit building in the park.*



## TRACTION POWER SUBSTATION (TPSS) PROGRESS

- Excavation and piling works are occurring to support a future below-grade traction power substation (TPSS).
- The TPSS will special power equipment in support of feeding and distributing electricity to Ontario Line trains as they move up and out of the portal, when they progressing from underground to at-grade, at the future Exhibition Station.

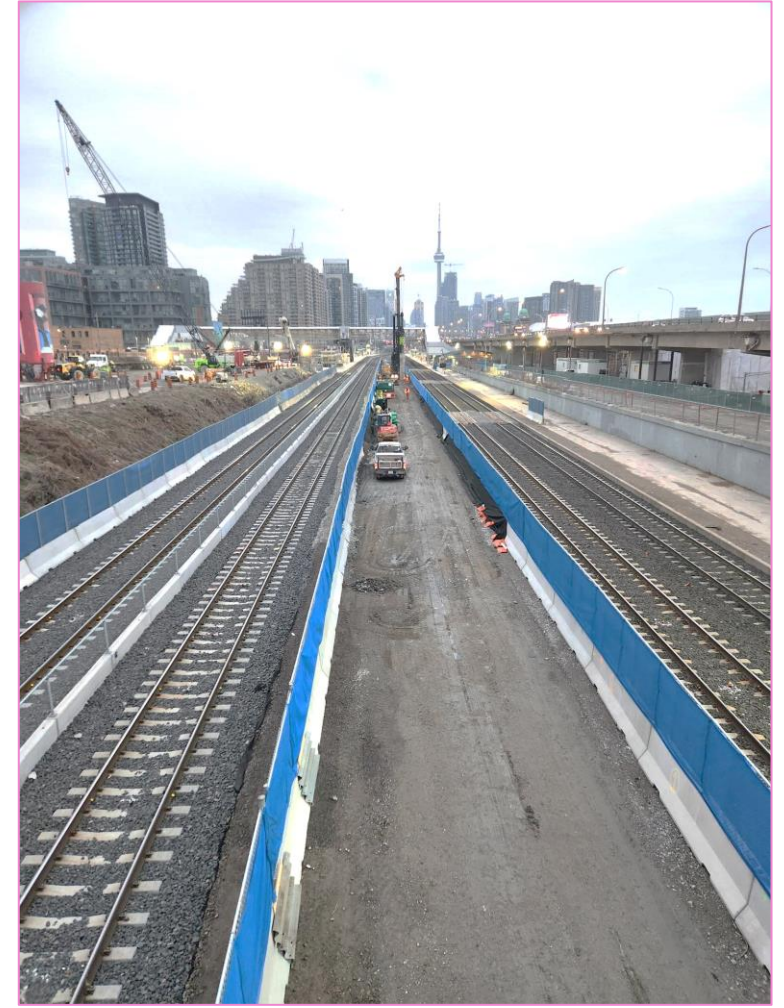


*Looking southwest at the TPSS location, beneath the pedestrian bridge.*



## ISLAND PLATFORM WORKS - EXHIBITION STATION

- Construction is underway to create the **new station foundations and shared passenger platforms**, between the existing tracks at Exhibition station.
- Four new “island” platforms will be built:
  - **2 new dedicated platforms for GO Transit**
  - **1 new Ontario Line subway platform**
  - **1 shared platform for GO Transit and Ontario Line subway**



*Platform foundation, grading and foundational early works at Exhibition Station.*





Artist's rendering – subject to change. Transit-Oriented Community proposals not shown.



## BUILDING WITH THE COMMUNITY IN MIND

- **Noise and vibration monitoring** devices are placed for active tracking of impact to ambient noise levels.
- **New hoarding** is being installed around the existing north entrance of Exhibition GO, including **wayfinding signs** to direct pedestrian traffic.
- **Traffic control persons** and **safety gates**, to ensure safe movement of vehicles, pedestrians, cyclists and transit, when construction vehicles need to access the sites.
- **Street sweepers** and **wheel cleaning** are used to ensure soil and sediment is kept off city streets and sidewalks.



Wayfinding signage to guide customers.



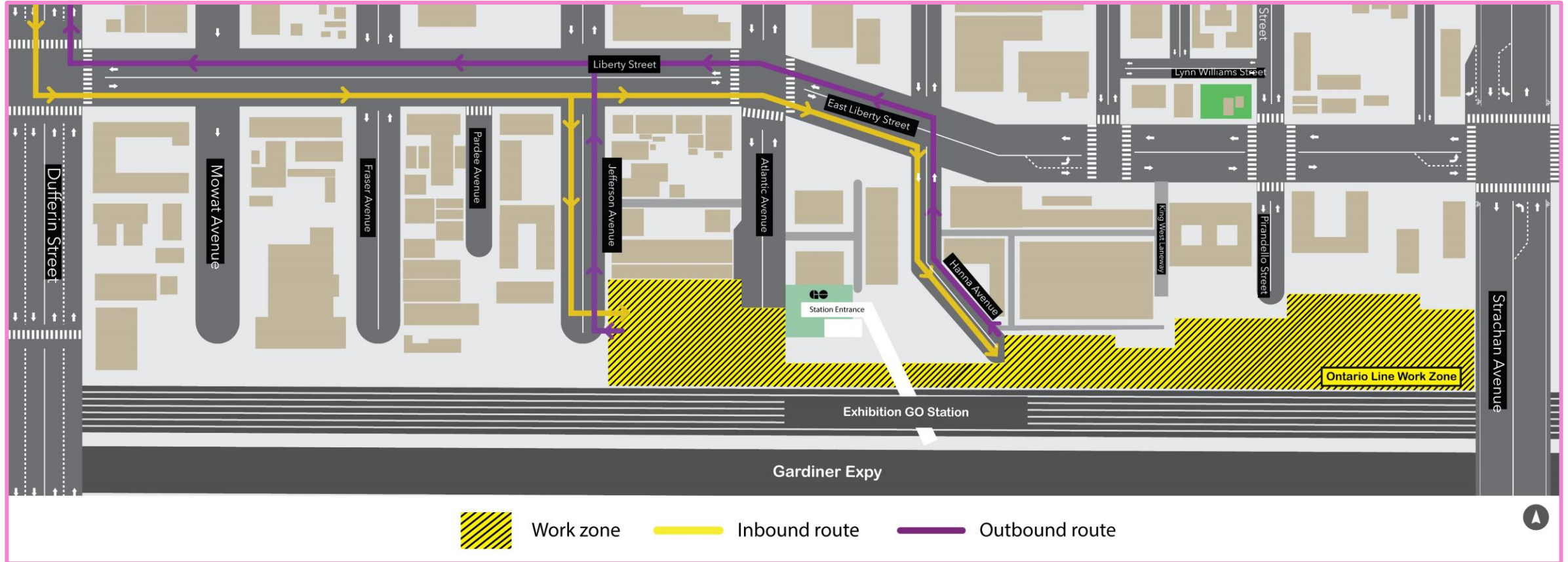
Street sweeper cleaning debris and dirt from city streets.



Wheel cleaning shaker mat, to ensure trucks do not bring mud and soil into city streets.



## CURRENT TRAFFIC MANAGEMENT PLAN



Metrolinx is continuing to work with the City of Toronto and the community on long-term traffic planning. City and community priorities:

- Minimize use of highly congested Liberty Street, East Liberty Street
- Minimize use of Strachan and East Liberty Street intersection
- Minimize use of Ordnance Street



## ONTARIO LINE OPERATIONS, MAINTENANCE AND STORAGE FACILITY

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

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

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





## KEEPING YOU INFORMED

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

### **Connect with us:**

Email: [OntarioLine@metrolinx.com](mailto:OntarioLine@metrolinx.com)

Telephone 24/7 @ 416-202-5100

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documents*



# The Trains

The Ontario Line will feature four-car trains that will be electric and driverless. In operation, the train 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.





# Ontario Line

## Platform Screen Doors

Platform screen doors are physical barriers separating the train platform from the tracks at train stations. The doors provide a safety barrier, preventing accidents, such as people entering the tracks. You can see platform screen doors on the UP Express at Union and Pearson stations.

**All Ontario Line stations will feature platform screen doors, measuring 2.8-metres tall and stretching across the entire length of the platform.**

**Here is how the doors will make train journeys safer, smoother, and more pleasant.**

- Safety First: Act as a barrier against accidents, passengers getting on tracks
- Improved Customer Experience: Real-time updates displayed around doors, communicating arrival/departure times, clear loading/unloading areas



*Example of platform screen doors currently in Chennai, India.*



# Ontario Line

## Step-Up Substation

A Step-Up Substation (SUSS) is an essential electrical facility that provides power from Toronto Hydro's grid to the traction power system which will feed the Ontario Line's electric-powered trains.

This power station will guarantee stable and sufficient power, with significant redundancies built in, to prevent service interruptions.

This substation is one of two on the Ontario Line. There is no public access to this site.



### Major Construction Activities

- May & June 2025: Site establishment and commencement of building construction
- Summer 2026: construction completion

### Location

Near Strachan Ave., north of the Gardiner Expressway and south of the rail corridor.

This is a Connect 6ix project.



# Benefits of Platform Screen Doors

A quick overview of the many advantages platform screen doors will bring to Ontario Line commuters:

<b>Benefit</b>	<b>Description</b>
<b>Safety</b>	Prevents falls, reduces incidents caused by negligence, distraction or deliberate acts, and keeps objects off the tracks.
<b>Operational Efficiency</b>	Facilitates automated train systems, reduces delays, streamlines boarding.
<b>Comfort &amp; Convenience</b>	Protects from the weather, helps maintain platform temperature, contributing to energy savings, reduces noise, and keeps the platform clean.
<b>Modern Technology</b>	Integrates with real-time information displays, enhancing travel experience, offers advertising opportunities.
<b>Accessibility</b>	Supports easy access for all passengers, including those with disabilities.





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King-Bathurst

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18:30	18:30	18:30	18:30
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King-Bathurst

King-Bathurst

King-Bathurst





*Artist's rendering – subject to change. Transit-Oriented Community proposals not shown.*