

Ongoing Community Engagement

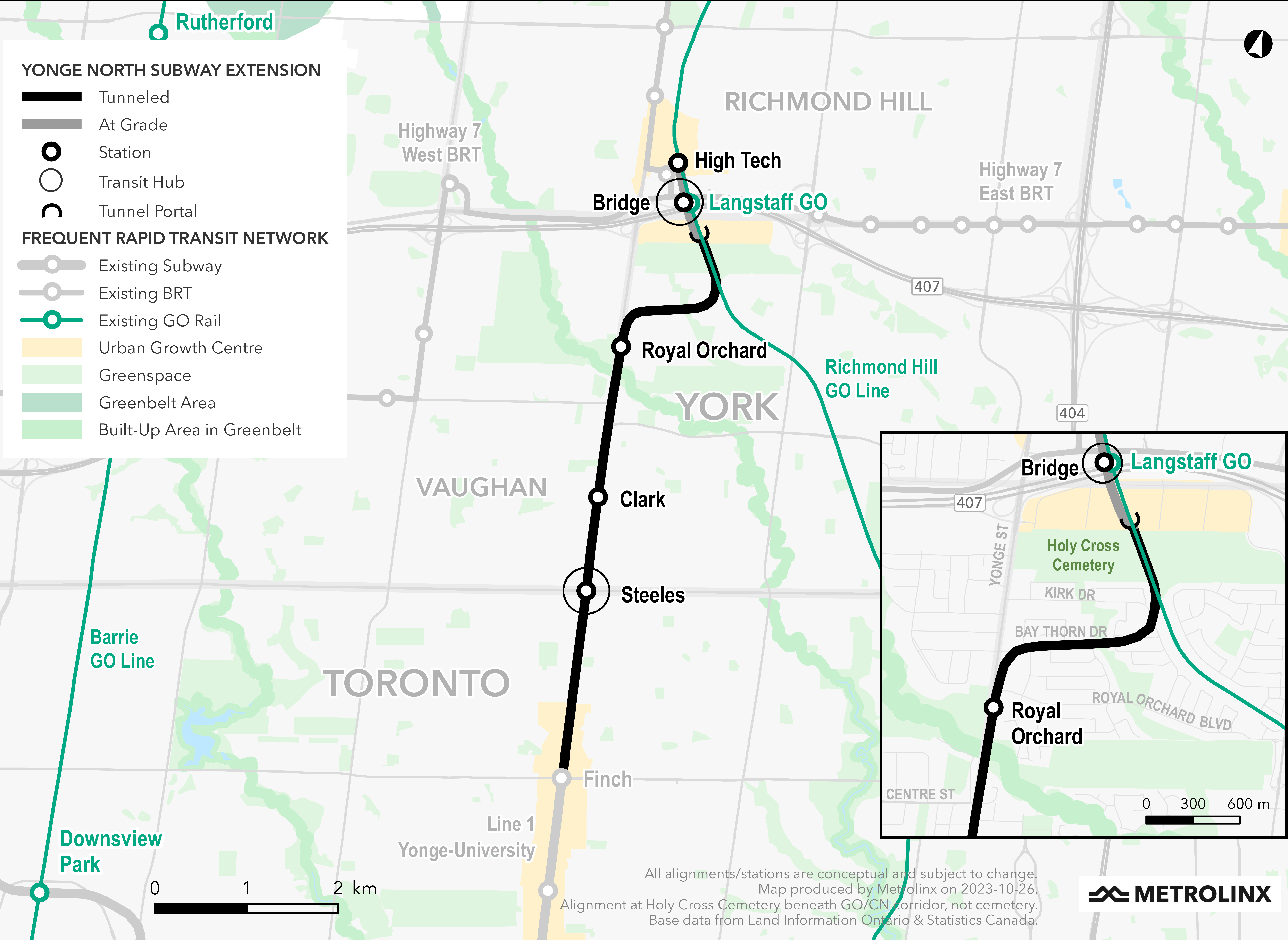
Timeline to date



Upcoming Milestones:

- Ongoing advance utility relocation
- Community Office opening
- Ongoing survey work

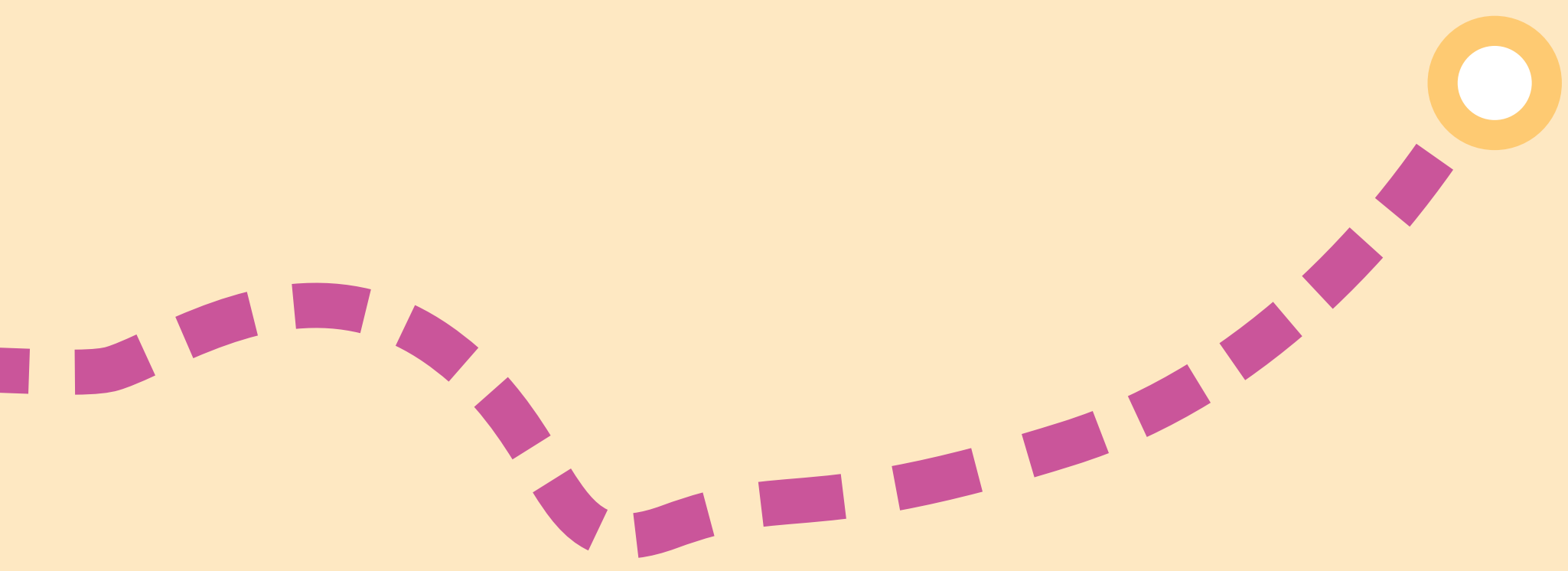
Yonge North Subway Extension



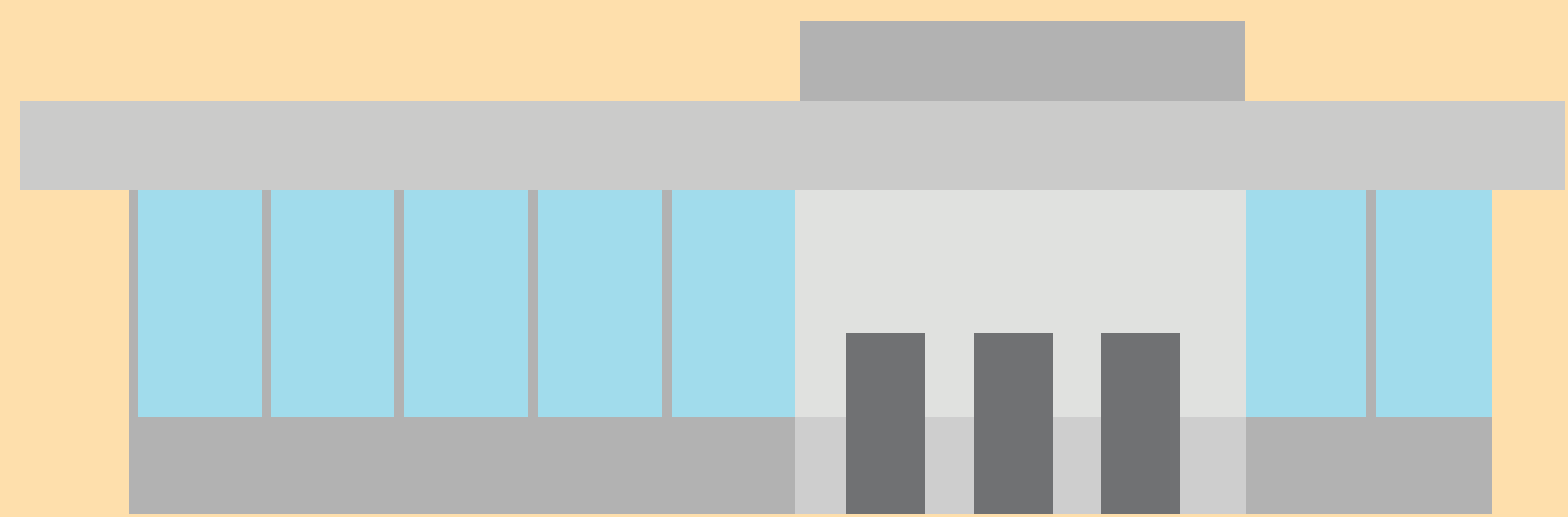
All alignments/stations are conceptual and subject to change.
 Map produced by Metrolinx on 2023-10-26.
 Alignment at Holy Cross Cemetery beneath GO/CN corridor, not cemetery.
 Base data from Land Information Ontario & Statistics Canada.



Project Benefits



8 km route



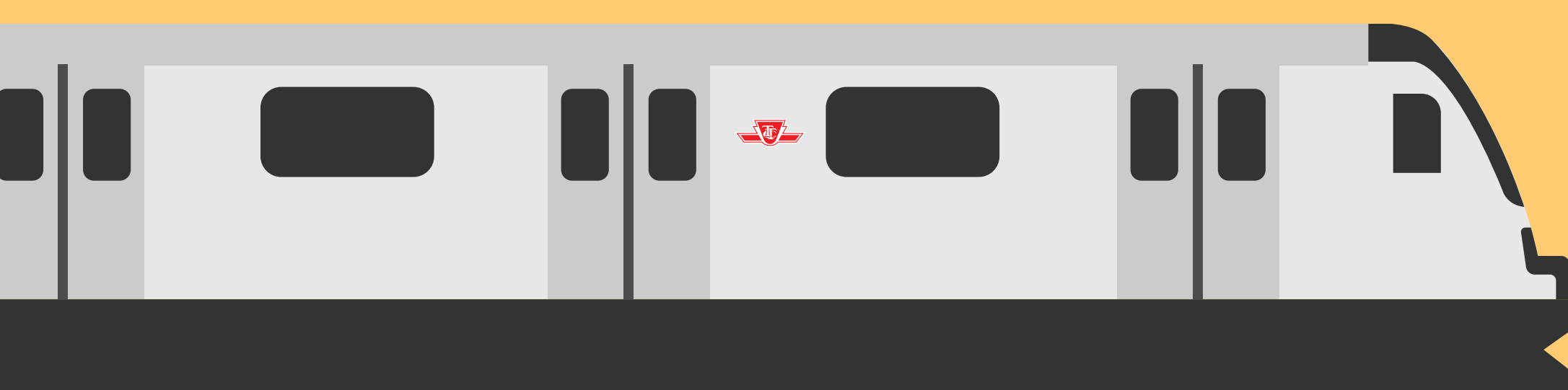
5 new stations (Steeles, Bridge, High Tech, Clark, Royal Orchard)



26,000 more people within 10-minute walk to transit



22,900 employees within 10-minute walk to transit



94,100 daily riders

Why



Connecting communities



Improving the transportation network is vital to keeping the growth of our communities sustainable.

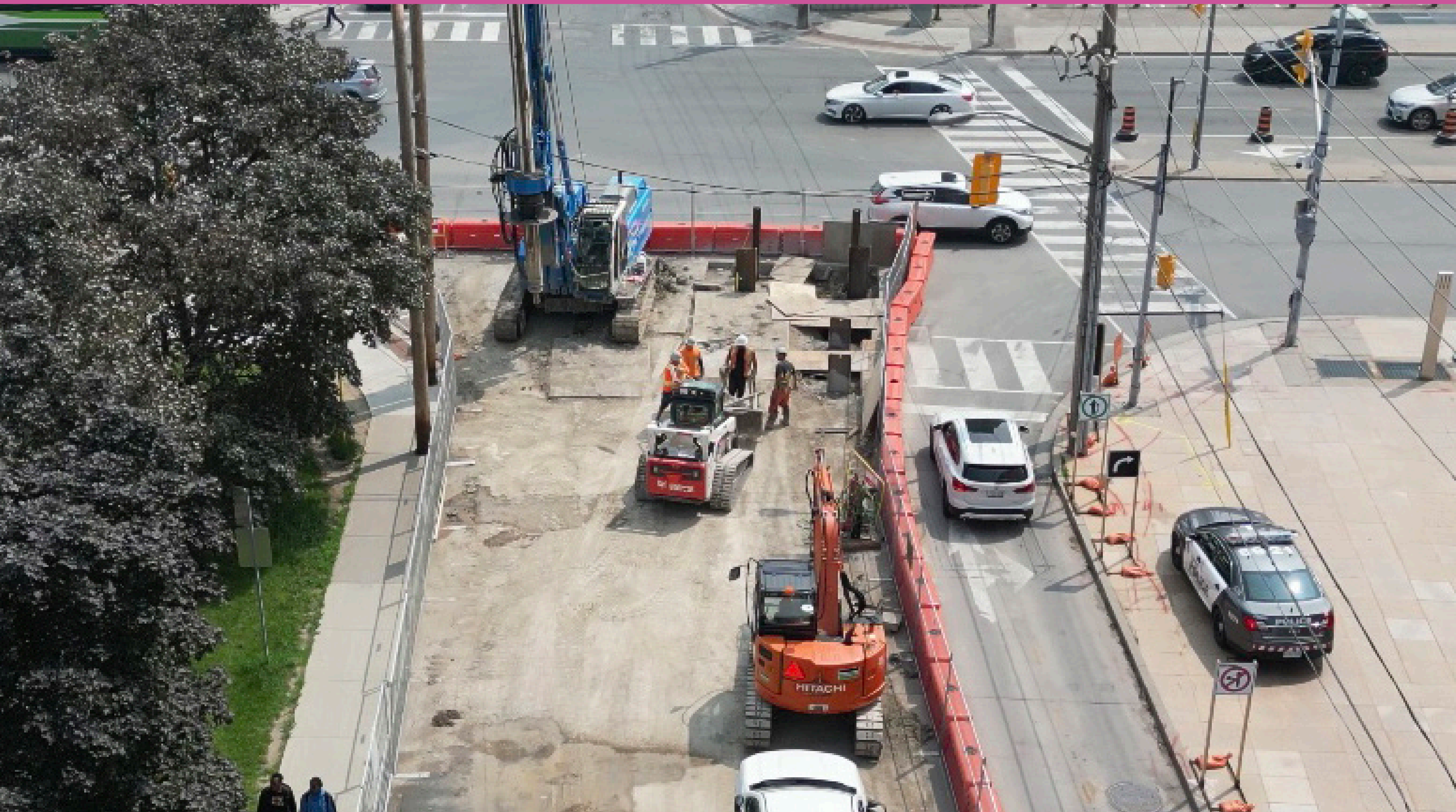


By providing faster, easier options to move around, traffic congestion and greenhouse gas emissions will be reduced as more people choose transit and leave their vehicles at home.

What

- The Yonge North Subway Extension will transform the commute in York Region, North York and beyond by extending the TTC's Line 1 service north from Finch Station to Vaughan, Markham and Richmond Hill.
- The extension will make it faster and easier for you to travel between York Region and downtown Toronto while cutting down on traffic congestion and pollution.
- The new line will make travelling between Toronto and York Region more convenient and less stressful no matter how you travel.
- The Yonge North Subway Extension will bring a world-class level of convenience and a better quality of life to the communities it serves.

Finch Early Works Completion and Utility Relocation



Finch Station Early Works

- Early works are construction activities that set the foundation for major construction to begin.
- Zero noise complaints received during duration of the project.
- The early works construction at Finch Station prepared it for upgrades that will be made to connect existing Line 1 service to the new subway extension.

These early works included:

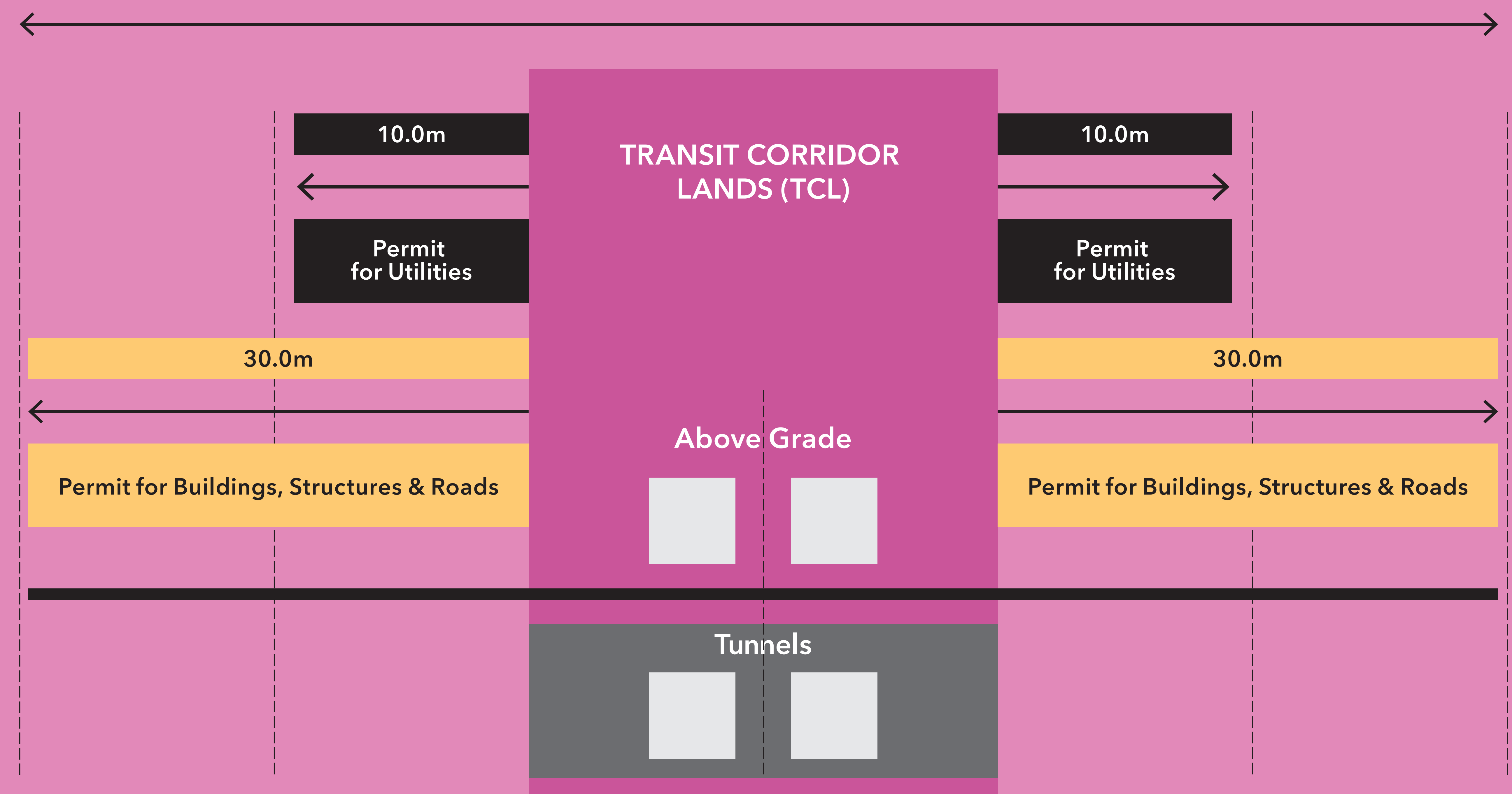
- Installation of new traction power infrastructure required to energize trains on the subway extension
- Upgrading equipment/ electrical rooms
- Modifying the 'tail track' area beyond the station platforms

Ongoing Utility Relocations

- Utility relocations along Yonge Street are underway to prepare for future construction without any disruption to utilities.
- Metrolinx works with utility companies to ensure impacted communities are informed in advance, to minimize disruption, and to promptly address any concerns/complaints.

Transit Corridor Lands

Transit Corridor Lands + 30m Permit Buffer



Transit Corridor Lands Designation

In May 2023, the province designated land that is needed for transit construction as “Transit Corridor Lands” under the Building Transit Faster Act, 2020 (BTFA). Individuals with property located on YNSE transit corridor lands or within the 30- metre buffer area were notified by letter in May 2023.

The TCL designation helps Metrolinx build transit faster, resulting in fewer inconveniences for neighbouring communities but imposes certain permitting requirements for some activities.

What are the transit corridor lands and how are they determined?

TCLs are lands that may be needed for the planning, design and construction of priority transit projects.

TCLs and prescribed distances from them represent lands where a Corridor Development Permit is required. Permits are required to help avoid conflicts with nearby transit construction and reduce the likelihood that you might have to stop or redo your work in the future.

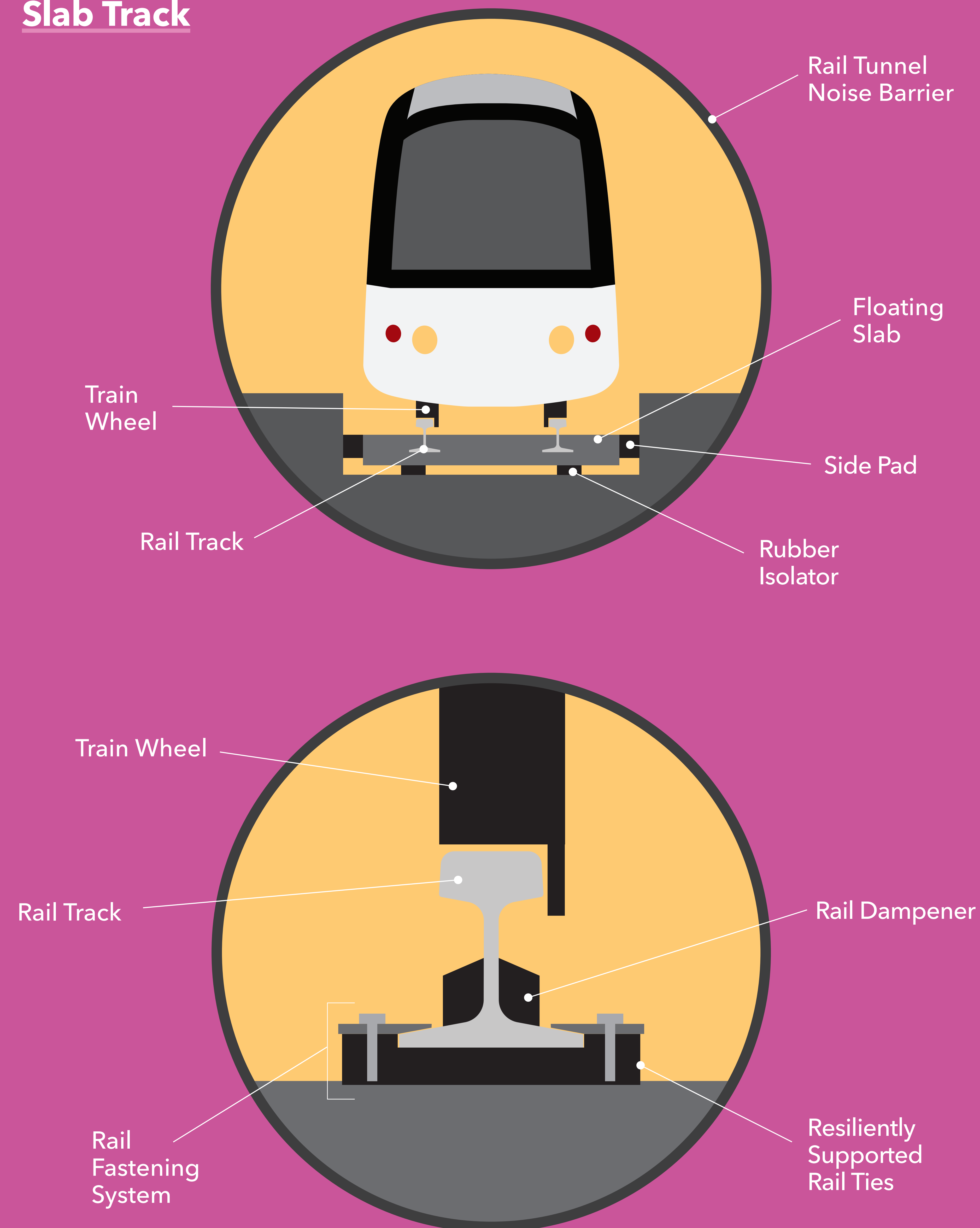
These are the most common types of projects that could require a permit from Metrolinx:

- Constructing a new building
- Extensions to an existing building
- Excavations for the installation of a new pool
- Installing or replacing an existing backyard shed or structure

Many who own or occupy property on transit corridor land will experience little to no impacts.

Reducing Noise and Vibration

Floating Slab Track



We are using a wide array of proven noise and vibration solutions for the project. These solutions can include, but are not limited to:

Resiliently supported rail ties

An elastic pad under the rail ties that prevent vibration caused by coming into direct contact with the crushed rock that forms the track bed

Ballast mats

A continuous layer of material that reduces the vibration transmitted into the ground as trains pass over

High-grade rail fasteners

These fasteners keep all the track parts tightly together and compress to absorb vibration

Rubber rail dampers

Discs that tend to look a lot like oversized hockey pucks attach to the rails and help soak up the vibration energy to reduce the sound of passing trains

Noise walls

These walls can be designed with a combination of solid and transparent panels, and have been installed across many parts of the Metrolinx rail network

Floating concrete slabs

The rails would be attached to large concrete slabs that are cushioned below by thick rubber pads that soak up vibrations

Immersive Sound Experiences

With proven technology, Metrolinx will ensure that, once operational, noise levels from the subway in homes are no louder than 30 dBA and vibration levels inside a single-family home are no more than 0.05 mm/s (average vibration).

Metrolinx has taken steps to minimize noise generated from service equipment in the tunnel during construction of the tunnels. For example, we have prescribed that rubber-tired vehicles be used in the tunnels to transport tunnelling supplies to the tunnel boring machine.

Metrolinx worked with 12 homeowners in the Royal Orchard community in 2022 to gather noise data within their homes, and the results of these studies have been shared with them. This information establishes a baseline of the noise levels before the project. We will return to these homes, with owners' permission, to measure levels during construction and operation and to ensure we achieve our commitments.

Listening Room developed in partnership with Arup based on their groundbreaking SoundLab®

We're bringing you two sound simulations: Kiosks and our custom Immersive Sound Experience, you will have the chance to hear what's coming to your community.



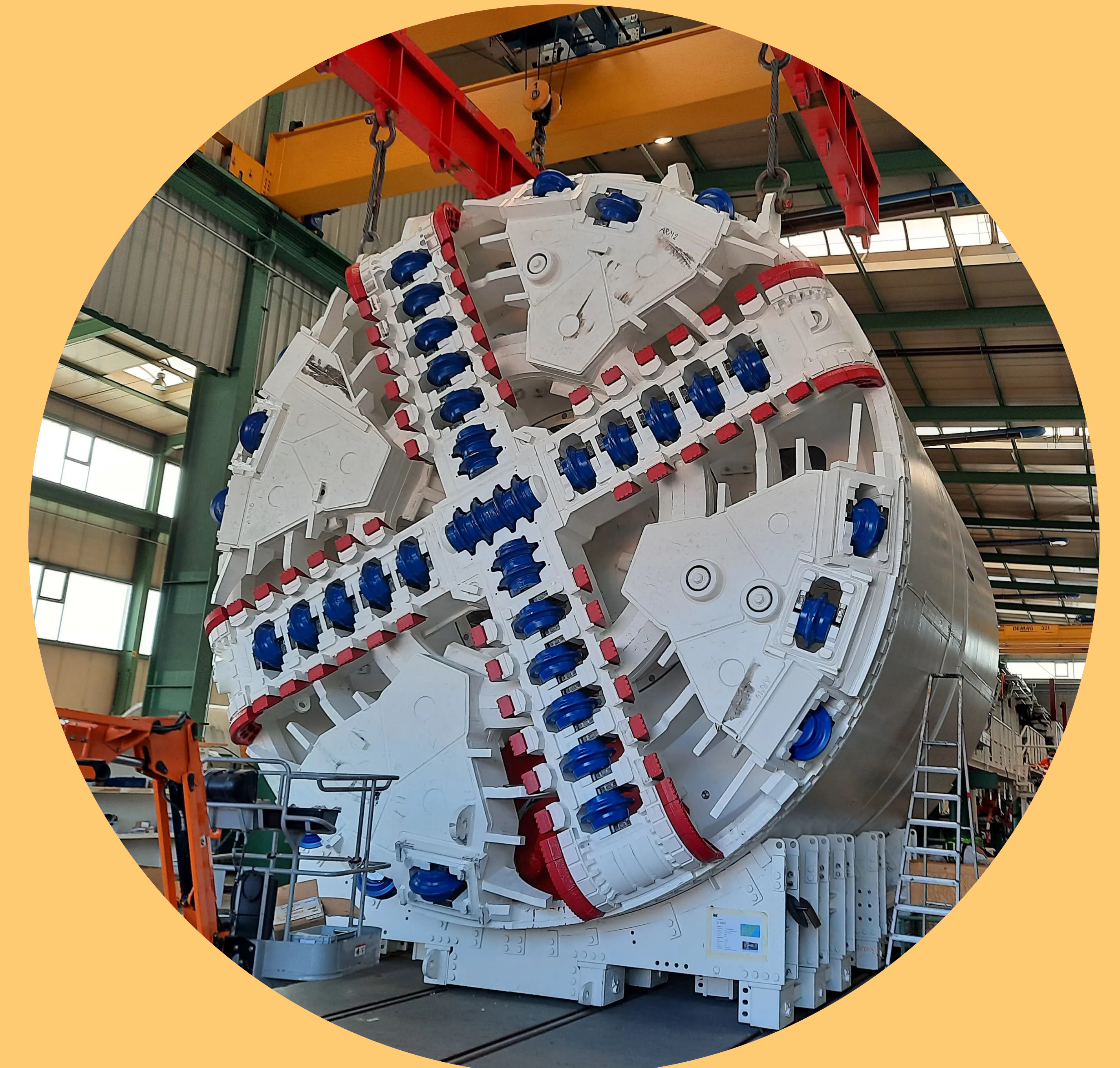
Advance Tunnel Request for Proposals (RFP) Released

On December 1st, Infrastructure Ontario and Metrolinx invited three teams to respond to the RFP based on their capability and experience to design and deliver this tunnelling project. The teams selected are CrossTransit Group, North End Connectors and Toronto-York Tunnel Connectors.

Advance Tunnels - Scope

- Twin bore tunnels, including two tunnel boring machines
- Headwalls (stations, emergency exit buildings)
- Traffic diversion for headwall construction areas
- Relocation of utilities
- Launch shaft construction (including ground improvement)
- Extraction shaft construction (including support of excavation)
- Property acquisition
- Site restoration

We expect to name a successful bidder in late 2024.



We're here for you!

Our goal is to make sure local neighbourhoods and businesses stay accessible and informed.

Any impacts to roads, traffic or transit are being thoughtfully planned for with municipal partners and Metrolinx is committed to sharing the details, including how we'll help residents and businesses manage any impacts during construction and beyond, as early as possible.

As work progresses, we'll seek input from community members and provides ongoing information in many ways:

- Community/Construction Liaison Committees:
- Open Houses and Town Halls
- Knocking on doors and visiting businesses
- Participating in community events
- Responding to questions and comments



Community Office
295 High Tech Road, Richmond Hill

Want to know more?
Visit [metrolinx.com/YongeSubwayExt](https://www.metrolinx.com/YongeSubwayExt)

Follow us on Facebook, X and Instagram:
@YongeSubwayExt

Still have questions? Ask us!
YongeSubwayExt@metrolinx.com
416-202-7000



Rendering of Community Office

Four Pillars of Community Benefits and Supports



Pillar One: Employment Opportunities

Promotes apprenticeship training and workforce development opportunities for local communities and equity seeking groups including 10% hiring targets for BIPOC (Black, Indigenous, People of Colour), women and apprentices and requirements for an anti-racism policy.



Pillar Two: Local Business Supports

Builds and fosters relationships with local businesses to minimize and alleviate business disruptions & reduce the economic impacts as a result of construction, for example through shop local initiatives & procurement from local businesses.



Pillar Three: Public Realm Improvements

During the design and development phase of our projects, we are finding ways to leave the surroundings in an improved state when construction of the project creates temporary disruptions.



Pillar Four: Community Improvement Supports

Working with communities as a connector to the right decision-makers to make improvements to public spaces surrounding transit project construction, where no funding is available.