

Moss Park Construction Liaison Committee

January 18, 2024



Agenda

Welcome (5 minutes)

- Introductions
- Land Acknowledgement
- Safety Moment

Presentation (25 minutes)

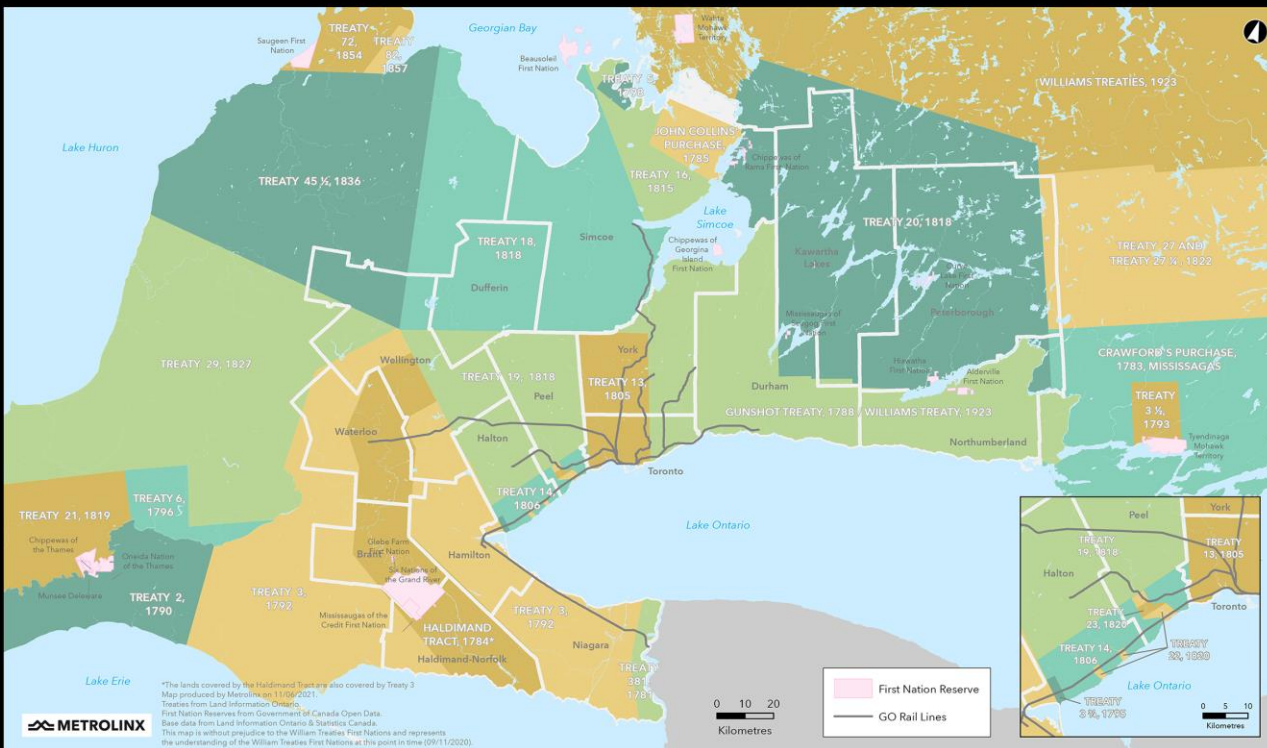
- Construction Updates
- Community Engagement
- We Are Here For You

Feedback and Discussion (30 minutes)



Land Acknowledgment

Treaties and Reserves in the Greater Golden Horseshoe



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.

Safety Moment

1

Carbon monoxide awareness

Carbon monoxide is an odorless, colourless gas that often goes undetected. It's important to know how to prevent carbon monoxide poisoning and what to do if you suspect a leak.

This "invisible killer" is produced by burning fuel in cars or trucks, small engines, stoves, lanterns, grills, fireplaces, gas ranges, portable generators or furnaces. Winter can be a prime time for carbon monoxide poisoning as people turn on their heating systems and mistakenly warm their cars in their garages. When the gas builds up in enclosed spaces, people or animals who breathe it can be poisoned. Ventilation does not guarantee safety.

It is recommended that you install a battery-operated or battery backup carbon monoxide detector in the hallway near each sleeping area in your home. Check or replace the battery when you change the time on your clocks each spring and fall and replace the detector every five years.

Symptoms

Symptom severity varies depending on the level of carbon monoxide and duration of exposure. Mild symptoms sometimes are mistaken for flu with a headache as a low to moderate poisoning and vomiting and loss of consciousness as one of the symptoms of high-level poisoning.

Upon detection of a carbon monoxide leak, alert everyone on the premises and move outside to fresh air immediately. Call 9-1-1 and the gas company. Do not reenter the premises until cleared by the fire department.



Construction Update

Completed Work

1 Access gate installation

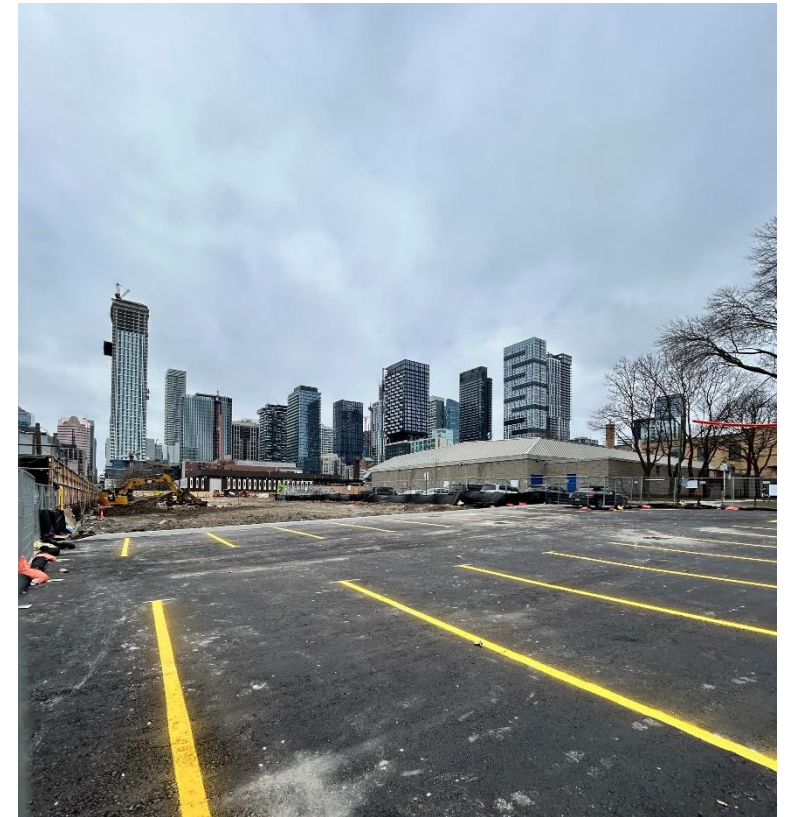
- The gate and fencing provides safety and security for members of the public from the site grounds and conditions, site equipment and activities.
- The site stays closed until crews and security officers arrive onsite to begin daily activities.
- The turn style access installation work is ongoing. This is an additional access for the crew to enter the site, away from the large gates on the south and east of the site that are utilized by the large and heavy construction equipment coming onsite.



Completed Work

4 Moss Park Arena parking lot

- New, temporary parking lot open at the southeast corner of Moss Park, just south of the previous lot.
- Relocation was necessary to allow for access and construction efforts through the original parking area.
- OTG will be providing flagging services at Sherbourne Street entrance to ensure safe interaction between parking area and construction traffic.

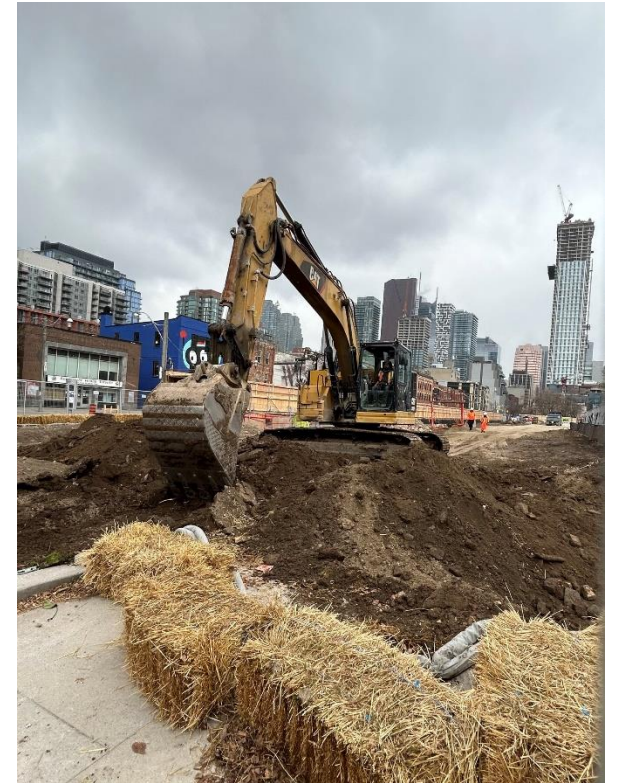


Completed Work

3 Grounds preparations

Once archaeological works were completed, crews began preparing the southeast corner of the site for the new & temporary arena parking lot. Excavation equipment removed several hundred tons of concrete used in previous foundation structures and other debris. In addition to the excavation, next steps included backfilling and compaction.

1. **Backfilling** the site ensures the excavated portions are returned to at-grade levels (street level), using remediated and existing soil and fill.
 2. **Compaction** ensures the backfilled soil is as dense as possible, by packing it down, for extra stability during the next phase of construction.
- This work is conducted by a team of excavators, compactors and rollers. Site bases are graded, and drainage installed, to ensure future excavation of the site is free of potential flooding issues and grounds are stabilized for the next phase of construction.



Current Works

5 In progress

Maintenance works

- Work commenced: January 12, 2024
- Estimated completion by: January 19, 2024

Scope:

- Construction crews are performing geotechnical monitoring device maintenance on **Pembroke Street and George Street**.
- This maintenance work is necessary to maintain the devices and provide reliable geotechnical information under street level throughout the construction of the Ontario Line subway tunnels.
- Monitoring points help the team assess soil and other conditions required for the future station build.



Current Works

6 Site preparation - ongoing

Site Preparation

- Construction of ground working platforms and construction access.
Estimated completion: April (weather-dependent)
- Temporary site office delivery - January 2024

Signage

- 448 ft of the Metrolinx branded signage installed along Queen Street
- Installation scheduled for mid-end January 2024
- There will be opportunity for future community input into designs, more info to be shared

Noise & Vibration Monitoring

Noise Monitoring

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Collecting Noise Data

How it works:

Decibel levels are measured over a period of time. It measures noise level only, and, when that noise exceeds the threshold allowed by the host and/or local ordinances for a sustained period of time, it triggers a notification.

*Human perception threshold (expand or remove)



Vibration Monitoring

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Collecting Vibration Data

How it works:

Accelerometers are used to measure the changes of velocity of a given component. When attached to a piece of equipment, any vibration will reflect a change in velocity, which will cause the accelerometer to produce an electrical signal.

*Human perception threshold (expand or remove)



Mitigation Measures

9 Noise & Vibration Monitoring

- Scheduling daytime work
- Methodologies & strategies
- Selective choice of equipment (when possible)
- Hoarding with sound barriers to mitigate noise generated within the site

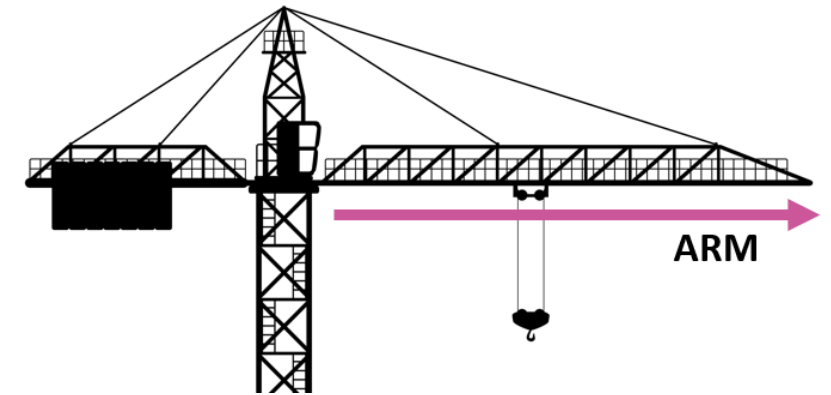
Upcoming Work

Upcoming Work

11 Q2 2024 - Crane installation

Crane installation onsite targeted to begin April/May 2024

- A tower crane has been selected as the preferred machine for this site.
- This specific crane will facilitate the movement of materials and equipment within our site, ensuring a safer and more efficient construction process, faster execution of the works.
- The tower crane will be operated in accordance with all applicable safety regulations and good practices.
- The tip of the arm of the crane will swing over some properties on Queen Street East - OTG is consulting impacted properties for consent.
 - The positioning of the crane is to allow coverage of the entire station shaft - this will increase on site productivity and flow. The crane has been placed as far North as is possible while still covering the shaft.
 - **Loads, equipment, and materials will never pass over any property.**
 - The City and its Transportation Services will be involved in the permitting and approval of the crane, ensuring that the swing over the arena and the roadway are approved and safely within requirements.



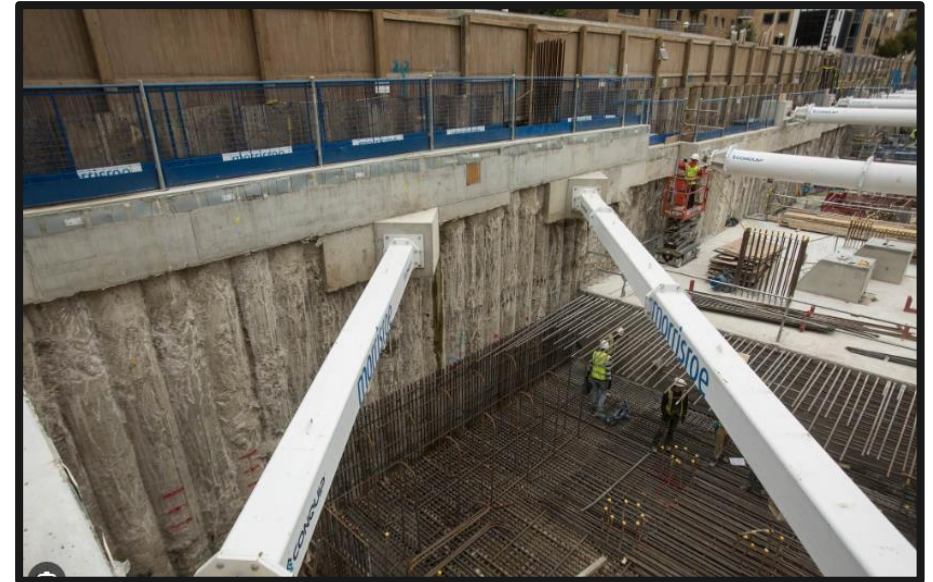
Upcoming Work

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Q2 2024

Pile drilling activities scheduled to begin in May

- Pile drilling is a foundational technique used in constructing underground subway systems.
- It ensures stability and support for tunnels, stations and other subway structures.
- A pile wall consists of overlapping (secant) piles to form structural walls and achieve the required water tightness. Some of the piles are reinforced with steel beams.
- This work is essential for stabilizing and supporting future station structures.
- Piling work is expected to commence in May 2024 and will take approximately 4 months to complete.



Example of secant pile wall

Connect6ix Job Fair

January 24, 2024

Cypriot Community Banquet Hall, 6 Thorncliffe Park Dr., East York

Registration is closed.

OTG Job Fair Spring 2024!

More details to come

Discussion



Artist's rendering – subject to change

Community Engagement

Community Engagement

12 Ongoing Community Canvassing and Participation

Activities will include:

- Pop-ups presences in the community (parks, events, markets).
- Pop-ups in condo lobbies.
- Monthly CLC meetings.
- Public Open Houses.
- In-person and virtual consultation with residences and businesses.
- Shop Local digital campaigns, supporting communities affected by Ontario Line Construction.
- News, progress and information shared in the Ontario Line newsletter (currently over 6,600 subscribers).

We Are Here For You

13 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.

Connect With Us:

- Zahrah Munas , Community Engagement Advisor Zahrah.Munas@metrolinx.com, 437-328-5354
- Mark Clancy, Senior Manager, Community Engagement Mark.Clancy@metrolinx.com, 647-449-2857

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