

Corktown/Don Yard Construction Liaison Committee

May 23, 2024



Agenda

Welcome (5 minutes)

- Introductions
- Land Acknowledgement
- Safety Moment

Presentation (25 minutes)

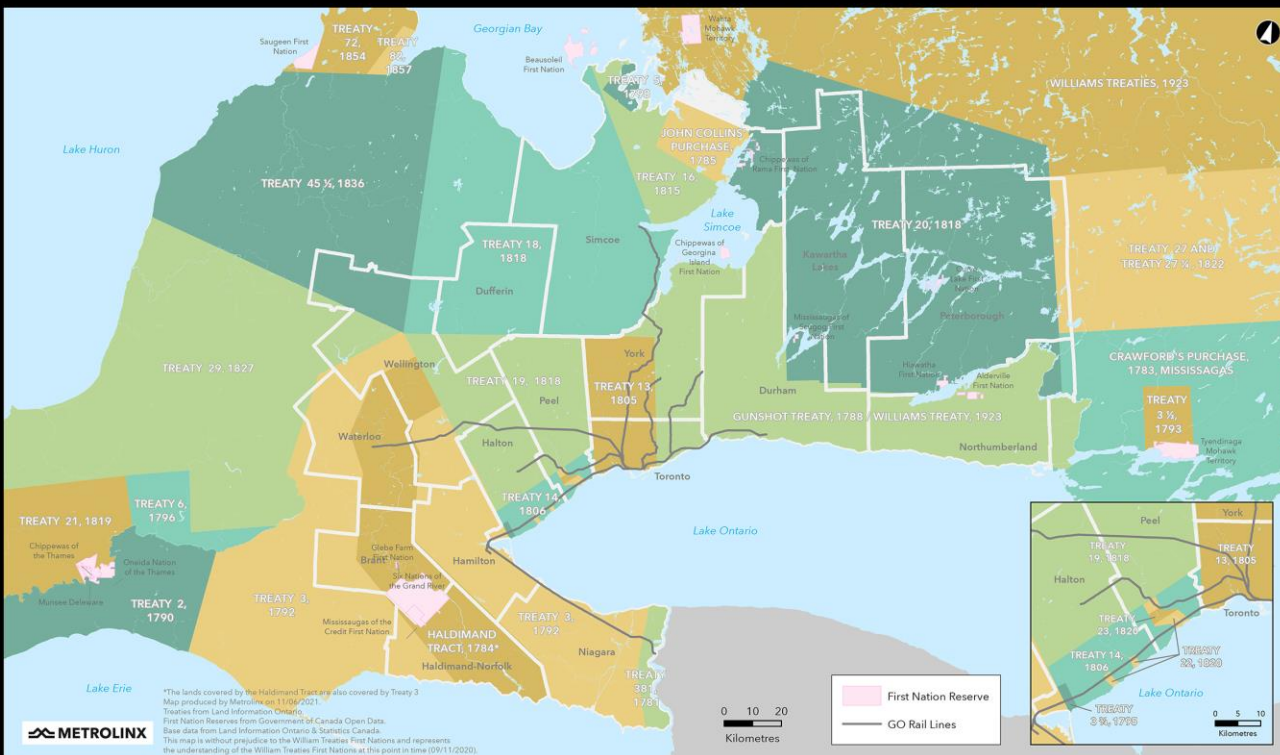
- Review of Action Items
- Corktown Station
 - Archaeological Updates
 - Construction Updates
- Don Yard Enabling Works
 - Construction Updates
- Community Engagement
- We Are Here For You

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

Sun Safety

As we head into the warmer months, it's important to keep sun safety in mind. The sun's rays can be harmful if we're not careful. Here are some safety tips below to ensure we are practicing safety in the sun:

- Wear sunscreen: Apply sunscreen with SPF 30 or higher at least 15 minutes before going outside, and reapply every two hours or after swimming or sweating.
- Seek shade: Try to stay in the shade, especially during the sun's peak hours between 10 a.m. and 4 p.m.
- Wear protective clothing: Wear lightweight, long-sleeved shirts, pants, sunglasses, and wide-brimmed hats to protect your skin and eyes from the sun.
- Stay hydrated: Drink plenty of water throughout the day, especially when spending time outdoors in the sun.
- Check the UV index: Be aware of the UV index in your area and take extra precautions when it's high.

By following these simple tips, we can all enjoy the sunshine safely. Let's make sun safety a priority this summer!



PREVIOUS CLC MINUTES AND ACTION ITEMS

ACTION ITEM	STATUS UPDATE
OTG to provide traffic control plans and haul routes.	<ul style="list-style-type: none"> • More information provided on slides 32-33.
Metrolinx to provide details outlining the processes for community artwork and engagement.	<ul style="list-style-type: none"> • More information on Slide 41.
Metrolinx to implement a method for more frequent visual updates on site progress, including drone footage and high vantage point photography.	<ul style="list-style-type: none"> • Pictures will be provided at the monthly CLC's. Weekly aerial progress images are being taken from the 16th floor of the Globe and Mail building. OTG is also taking drone footage which will be shared at CLC's.
Metrolinx to provide further updates on the Enabling Works package, which currently includes track construction, utility installations, signal installations, and concrete works.	<ul style="list-style-type: none"> • Ongoing and updates to be shared throughout the meeting.
Metrolinx to provide link on how to access reports posted to the Ontario Public Register of Archaeological Reports.	<ul style="list-style-type: none"> • Ontario archaeological reports are available to the public by emailing archaeology@ontario.ca and stating that they are requesting a copy of a report from a particular street address (attaching a map can be helpful to pinpoint the geographic location) and the reason why they would look to view the report. Further information is also available on the Ontario government's archaeology webpages here (https://www.ontario.ca/page/archaeology#section-3) which provides more details on what would be provided to a member of the public.
Metrolinx to investigate and provide a response on bike path access at the future CLC meeting.	<ul style="list-style-type: none"> • Cyclists and pedestrians have full access to bike paths but the South path under the bridge (Corktown Common) will remain closed.
Metrolinx to continue to provide updates on scheduling for fiber optic utility relocation work.	<ul style="list-style-type: none"> • Fibre relocation, track removal, and jersey barrier installation ongoing during night shift work (due to close proximity to live rails, this work must proceed during the evening).

Corktown Station: Archaeological Update

First Parliament Wall

- In April 2024, Stantec exposed the remainder of the First Parliament wall at 265 Front Street East
- Excavation of the surrounding builder's trench yielded no artifacts
- Only the bottom course of the wall was recovered since later construction within the car dealership area had eradicated higher layers

1811 Wilmot mapping: preserved walls documented by ASI in 2023 (yellow) and by Stantec in 2024 (green)



First Parliament Salvage

- Salvage of the First Parliament wall segments (portions found by ASI and Stantec) will happen in upcoming months
- OTG will be involved and details are being finalized
- Limestone blocks will be documented and then stored onsite

First Parliament wall overview: ASI portion (left), modern cinder block wall (centre), Stantec portion (right)



265 Front Street East

- Excavations were completed at 265 Front Street East on Friday, April 26, 2024
- Uncovered a previously undocumented lime kiln, truncated to the west by later Consumers' Gas works
- Uncovered a later 19th century privy associated with Consumers' Gas era

Lime kiln in planview, north to the left



Current Work

Archaeological Reporting; Avoidance and Protection

- All artifacts now being cleaned, catalogued, and documented from 265 Front Street East portion of the First Parliament Site (AjGu-41) and from 250 Front Street East's Hamilton/St. Lawrence Foundry Site (AjGu-127)
- Photography and preliminary look at artifacts being prepared for inclusion in the Stage 4 preliminary excavation report for 265 Front Street East in May 2024; preliminary reporting already completed for 250 Front Street East
- Aiming for eventual Stage 4 archaeological mitigation by excavation full reports in late 2024/early 2025 for sites on north and south blocks
- Archaeological monitoring is ongoing for the avoidance and protection of the 44 Parliament Street and 271 Front Street East areas; both areas will require additional archaeological investigation after the subway station has been constructed



A selection of stamped bricks from across the archaeological site

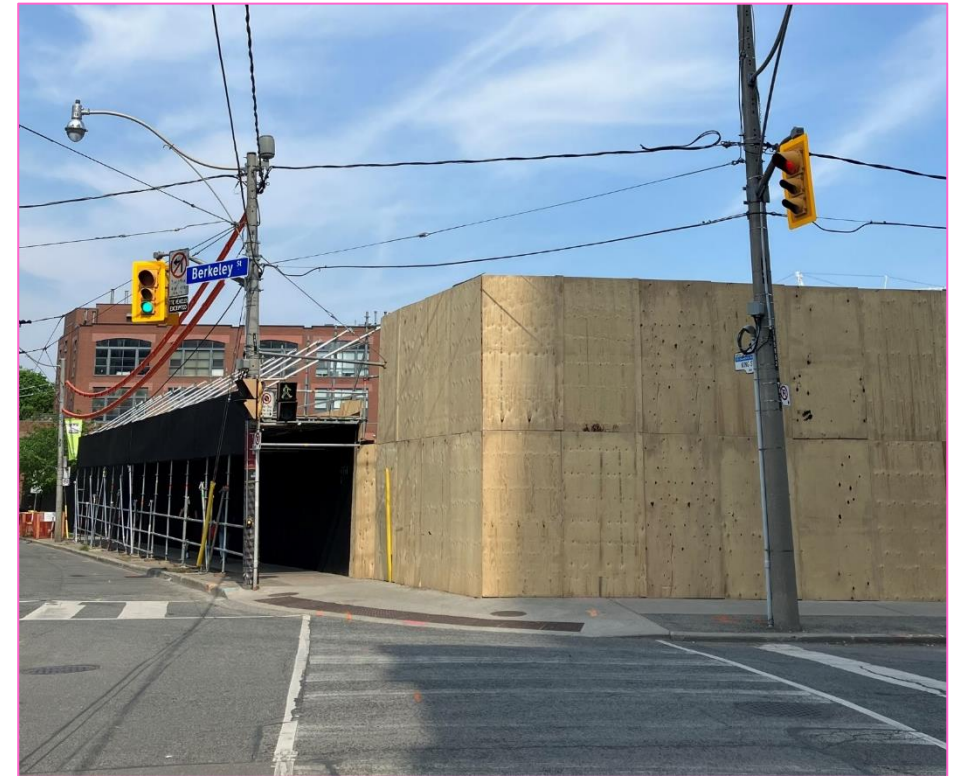
Corktown Station: Construction Update

North Site

Completed Work

Permanent Hoarding / Noise Barriers / Pedestrian Tunnel - North site

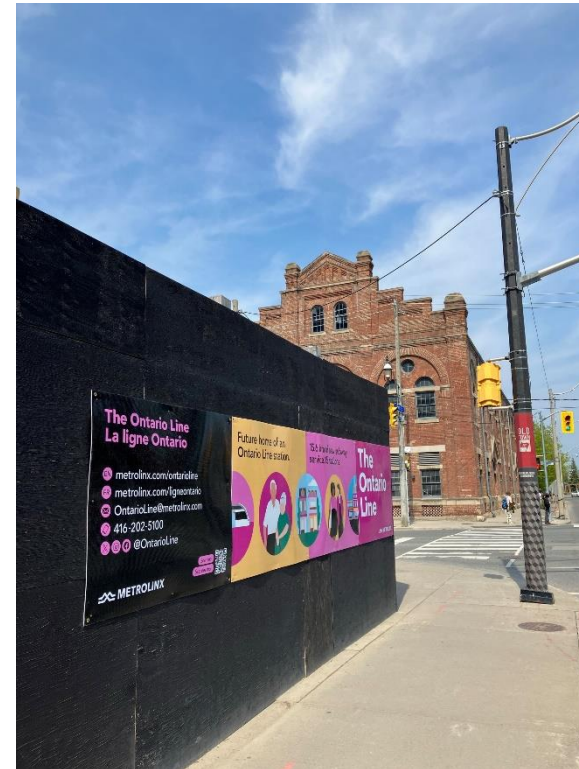
- Permanent installation and painting of the hoarding black (Metrolinx brand standard) is now completed along King Street East and on Berkeley Street.
- Crews have finalized installation of the pedestrian tunnels along King Street East (5m height) and the north and south sides of Front Street East (3m height)
- New hoarding and pedestrian tunnels provide noise absorption, containment of dust and debris, and an additional safety barrier for the public from the increased construction activities within the site.



Completed Work

Temporary Signage - North Site

- Temporary coroplast project signage has been installed on the areas of the hoarding that currently have no signage, this includes project information and key contact information.
- Metrolinx remains committed to working closely with the community to collaborate on art designs that resonates and reflects the community's input.



Completed Work

Working Platform - North site

- After the archaeological works were completed, crews prepared the western side of the site for a suitable and stable platform for site equipment and site activity.
- 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.



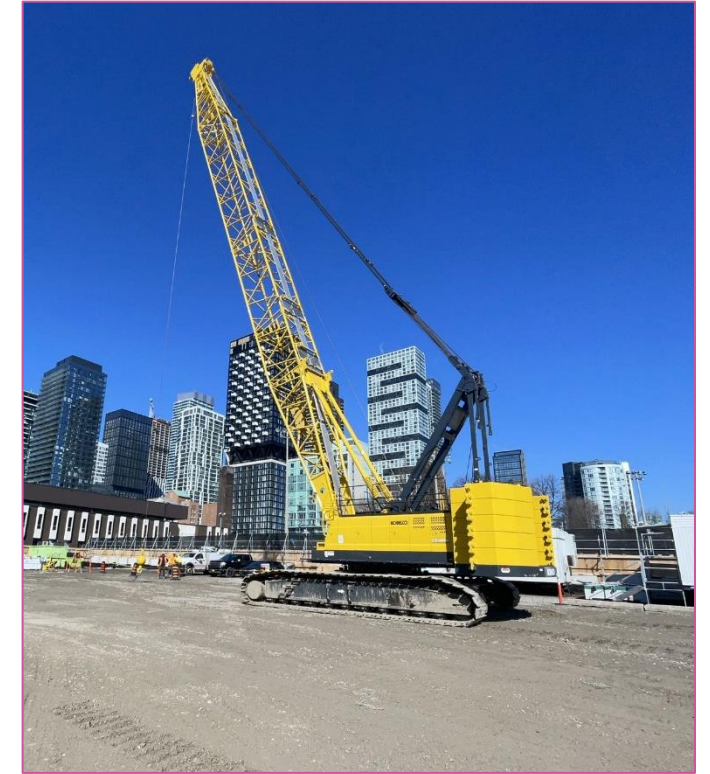
Current Work

Piling - Equipment & Materials Mobilization - North Site

- After hoarding and piling platform have been completed, delivery of drilling equipment and materials are on-going.



Example of equipment mobilization



Current Work

Piling - What to Expect - North Site

- With pile drilling, soil is being excavated. Excavated soil will be collected and hauled out of site increasing the volume of trucks coming into and out of site.
- A reminder for members of the public to be mindful and to follow the direction by flag-persons onsite when crossing the access points safely.
- **Haul routes** remain to be determined with the City of Toronto. Discussions are ongoing to consider what is least impactful to local traffic and most effective for the construction project.



Current Work

Piling - Guide Wall Installation - Stages of Work - North Site



Identifying and marking



Excavation



Prepping long lengths

Example of guide wall preparation work underway

Current Work

Ground Monitoring Device Installations - North and South Sites

King Street East, Berkeley Street, Front Street East

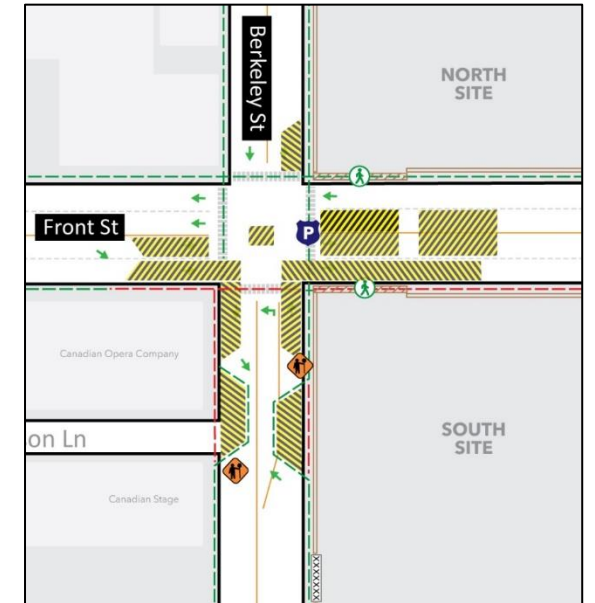
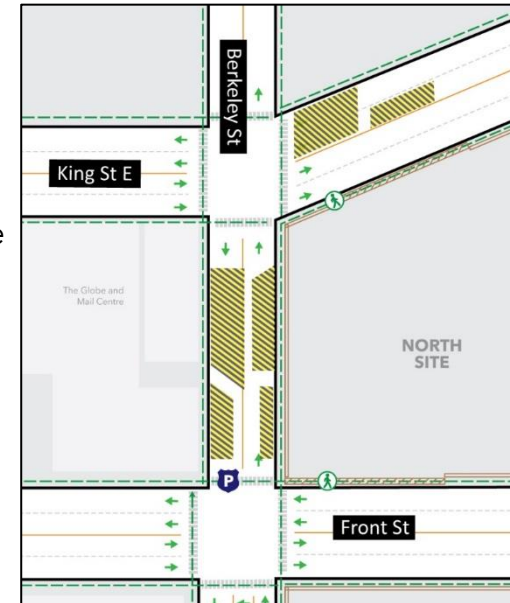
- Estimated completion by: Week of June 3rd
- Weekdays (Monday to Friday) from 9:00 a.m. to 4:00 p.m.

Scope:

- Construction crews will be conducting monitoring device installations for investigative works underground. Drilling is necessary to test and visualize the utilities and ground conditions under the street for future station and tunnels construction.

Impacts:

- Temporary, intermittent lane and sidewalk closures are required.
- Crews are expected to be onsite prior to 9:00 a.m. to set up equipment.
- Barriers will be placed to separate pedestrians from live traffic and active work zones.
- Flag-persons and paid duty officers will be present to guide traffic and pedestrians at Front Street East and Berkeley Street.
- Area residents and businesses can expect to hear noise from work equipment, specifically hydrovac trucks and saw cutting tools as required. Crews will take measures to minimize noise impacts wherever possible.
- No impacts to the TTC schedule or transit access points.



South Site

Completed Work

Site Handover - South Site

- **Archeological works have concluded** at the south site and the **official handover** of the lands on May 6th from Metrolinx to the Ontario Transit Group has been **finalized**.



Current Work

Hoarding & Fencing - South Site

- Crews have begun removal of the original hoarding on Front Street East and Berkeley Street.
- Removal of a portion of the hoarding on Front Street East will be replaced with a 3m (height) by 92ft (length) pedestrian tunnel.
- Removal of the hoarding along Berkeley Street will be replaced with 5m (height) by 280ft (length) hoarding.
- Fast fencing (green mesh) is used between the transition of the original hoarding and the new hoarding to ensure public safety as the grounds are prepared to secure the replacement hoarding.



Pedestrian tunnel at Berkeley Street and Front Street East

Current Work

Erosion and Sediment Control - South Site

- Erosion control measures were being used to stabilize the excavated soils around the perimeter of the south site.
- Sediment control measures are used to trap and contain, and potentially treat, sediment caused by the erosion process.

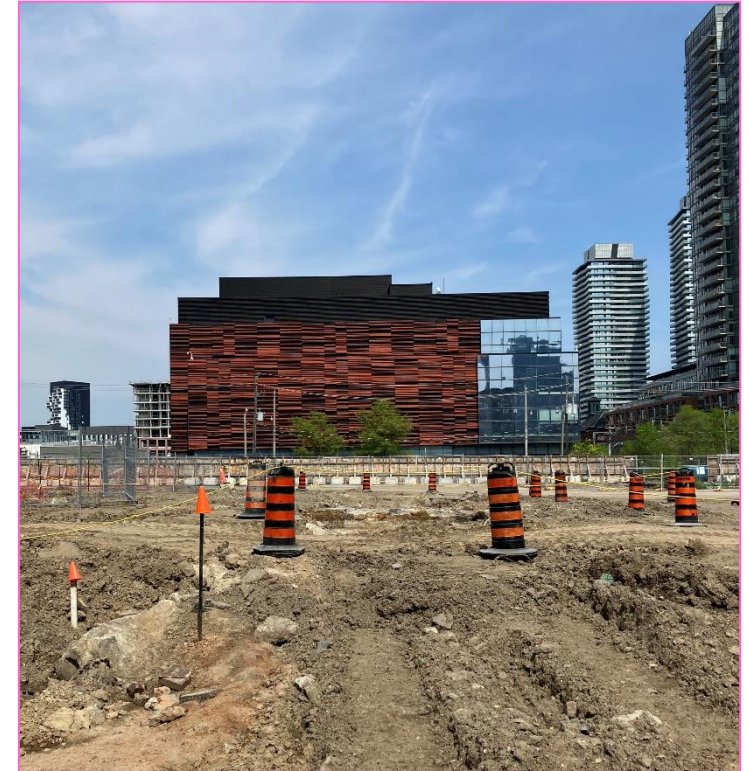
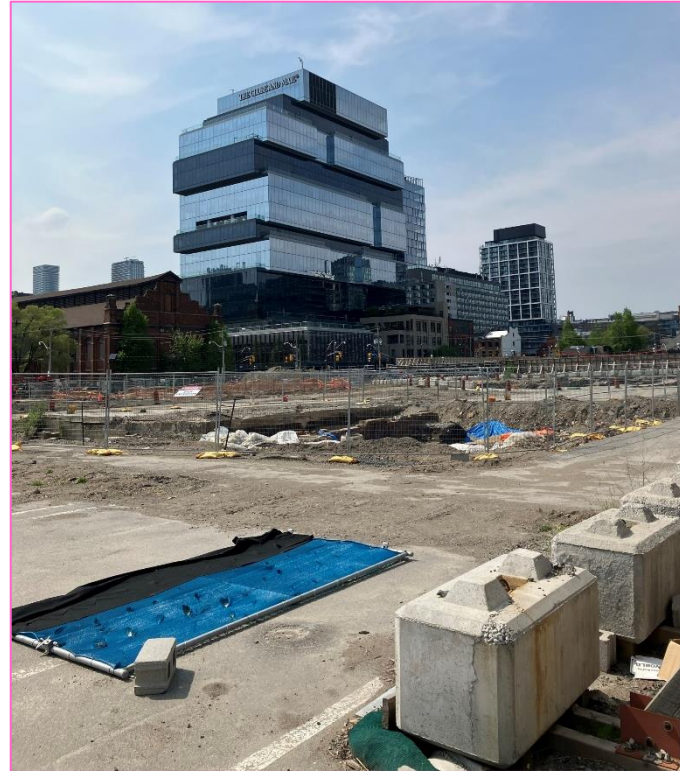


Erosion control

Current Work

Backfilling - South Site

- Backfilling of the **avoid and protect areas** in the south site.
- These areas will be backfilled under archaeological monitoring and paved, with no further ground disturbance for the remaining construction period of the station cavern.
- This area will be utilized as a staging zone.



NORTH SITE

SOUTH SITE



Site aerial photo as of May 2, 2024

NORTH SITE

SOUTH SITE



Site aerial photo as of May 22, 2024

Construction Lookahead

Corktown Station 2024 Construction Look-ahead

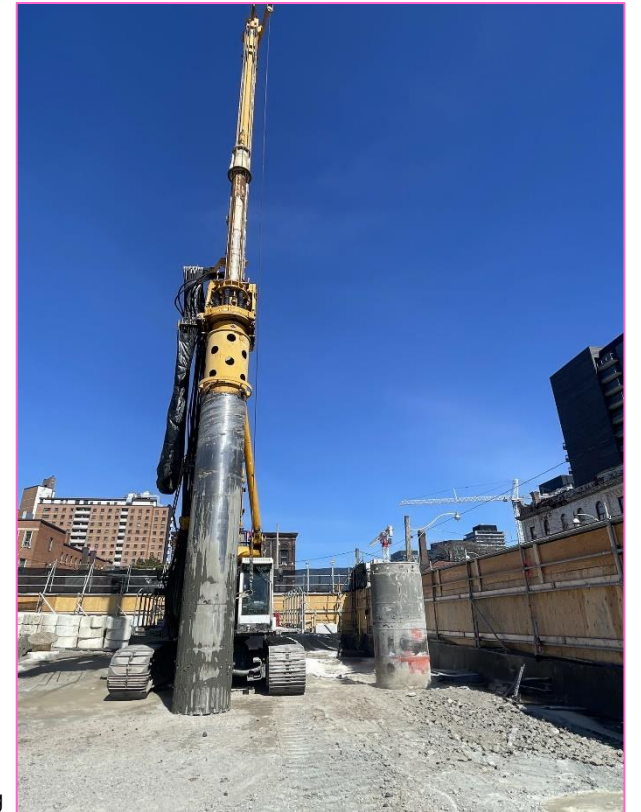
Major construction milestones to propel the Ontario Line subway forward:

Time	Activity	Details & Purpose
Spring/Summer 2024	Site Hoarding	Hoarding installation is ongoing. The purpose is to define the long-term construction zone during tunnel and station works. It will assist with public safety, noise mitigation and site protection.
Spring/Summer 2024	Piling	Piling work around the perimeter of the future station ensures structural support before excavation begins.
Fall/Winter 2024	Excavation	Soils will be excavated to create shafts from the street level to the station level 30m underground.

Upcoming Work

Pile Drilling - North and South Sites

- Following the guide wall installation, **pile drilling** is expected to start in **mid to end May** in the **north site** with two drill rigs working in the northwest corner.
- Once the soil conditions of the **south site** are at optimal levels **pile drilling** is anticipated to start in **July**.
- An estimated **30-40** piles will be drilled per week.

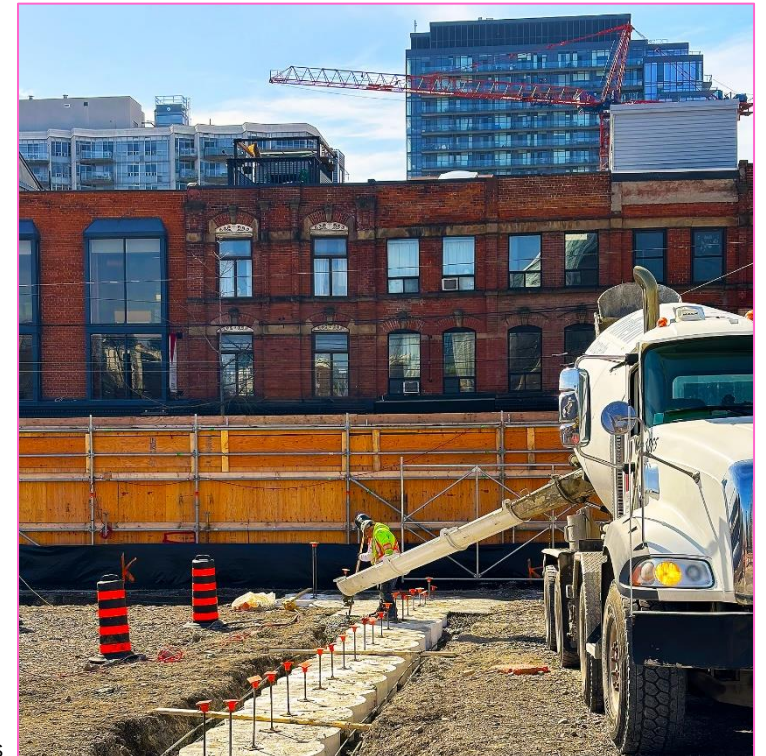


Example of pile drilling

Upcoming Work

Q2 Activities - South Site

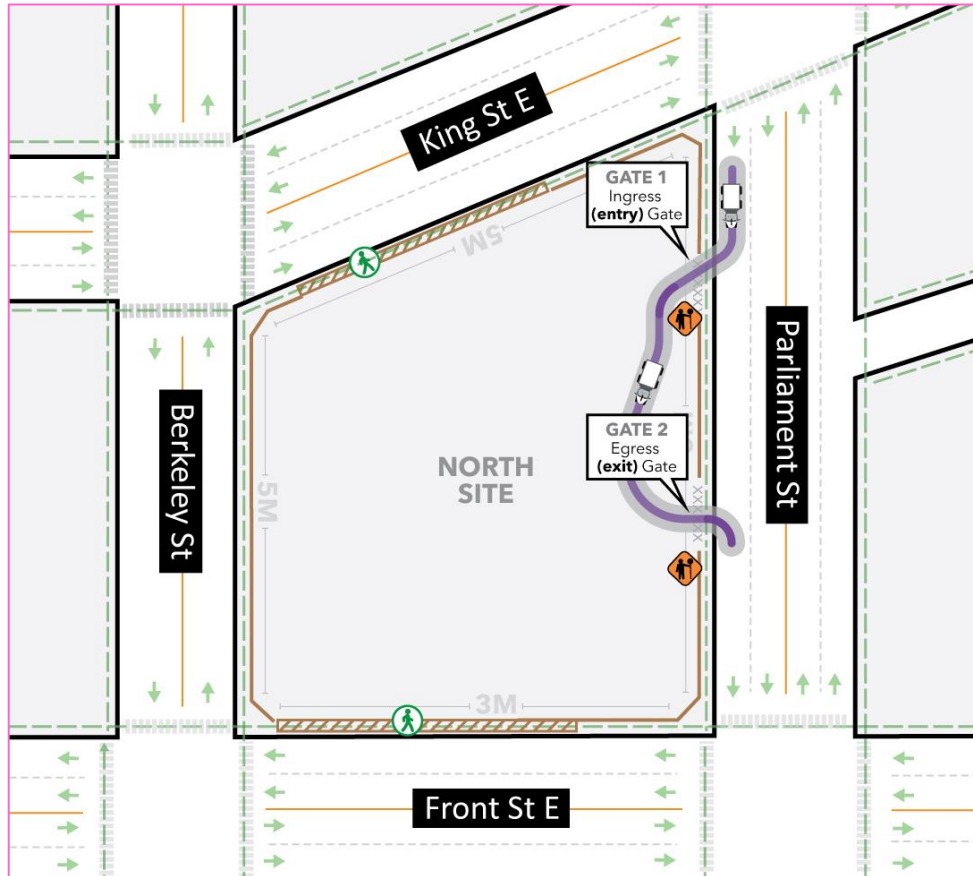
- Gates installation on Parliament Street and Berkeley St
- Well decommissioning
- Drill rig platform activity
- Site servicing
- Guide wall installations
- Pile drilling



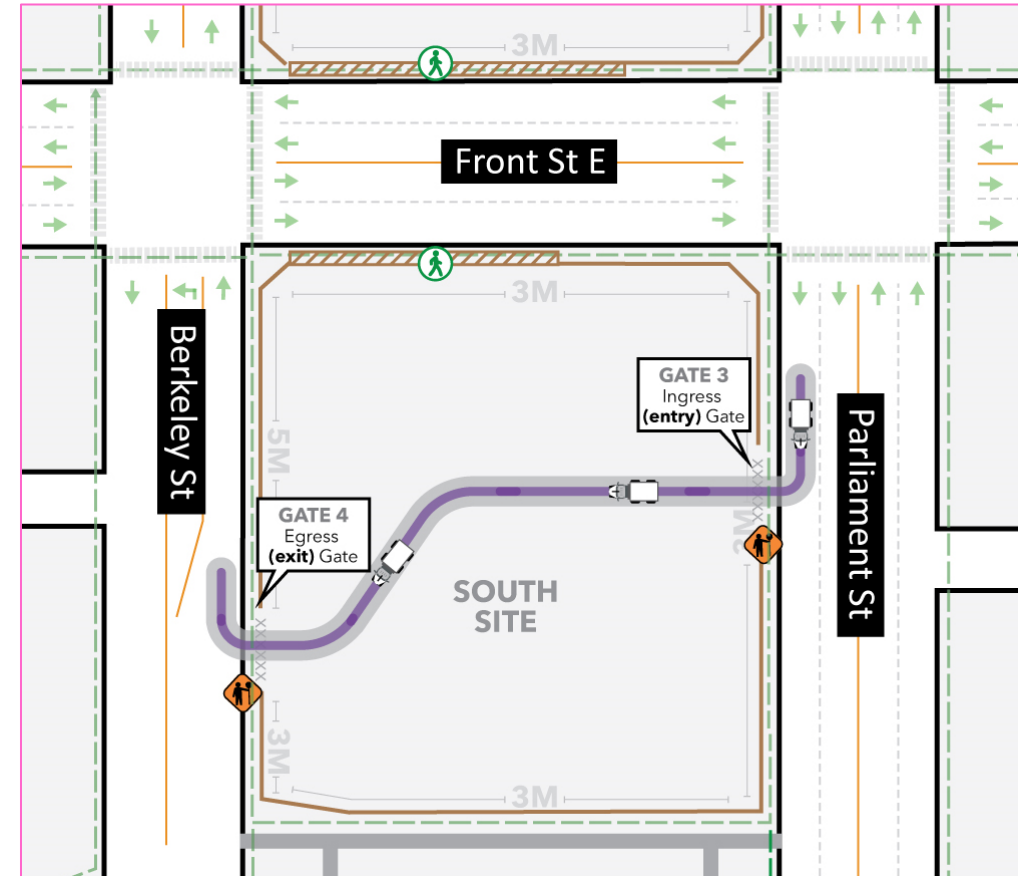
Example of a guide wall installation in progress

Site Access Gates

Ingress (entry) and Egress (exit) Points - Inbound



North Site Entry and exit at Parliament Street (between King Street East & Front Street East)



South Site Entry from Parliament Street and exit at Berkeley Street (between Front Street East & Mill Street).

Proposed Haul Routes

Proposed Haul Routes - Inbound

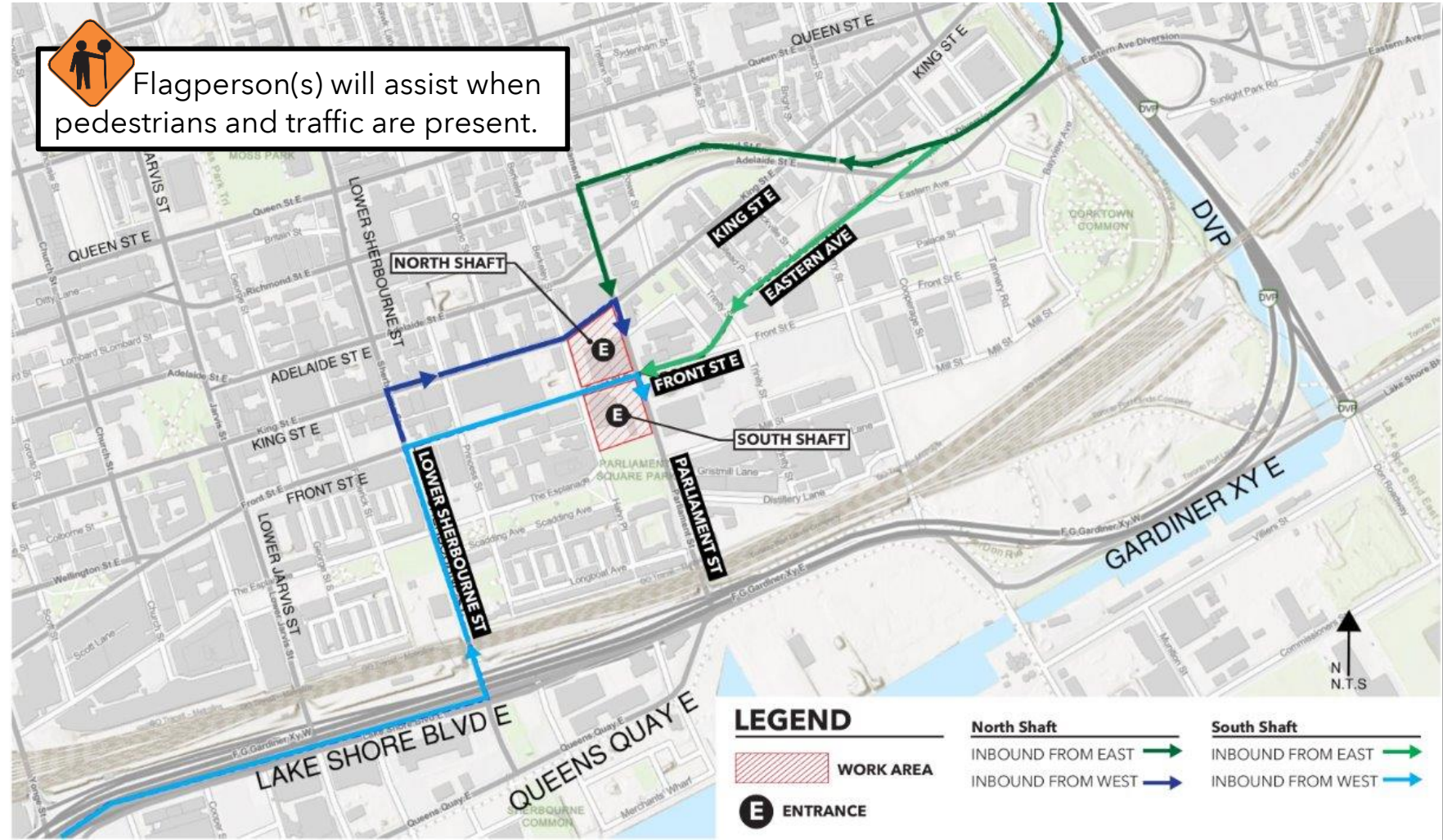
Entering from the East (DVP)

- Trucks coming from the Don Valley Parkway will exit onto Richmond Street, turn left onto Parliament Street and turn right into the **north site**.
- Trucks coming from the Don Valley Parkway will exit onto Eastern Avenue, turn left onto Parliament Street and turn right into the **south site**.

Entering from the West (Lakeshore Blvd)

- Trucks coming from Lakeshore Blvd will exit onto Lower Sherbourne Street, turn right on King Street East, right on Parliament Street and right into the **north site**.
- Trucks coming from Lakeshore Blvd will exit onto Lower Sherbourne Street, turn right on Front Street East, a right on Parliament Street and right into the **south site**.

*Haul routes are subject to change based on coordination with the City and other third-party constructions, traffic restrictions and comments from the City.



Proposed Haul Routes - Outbound

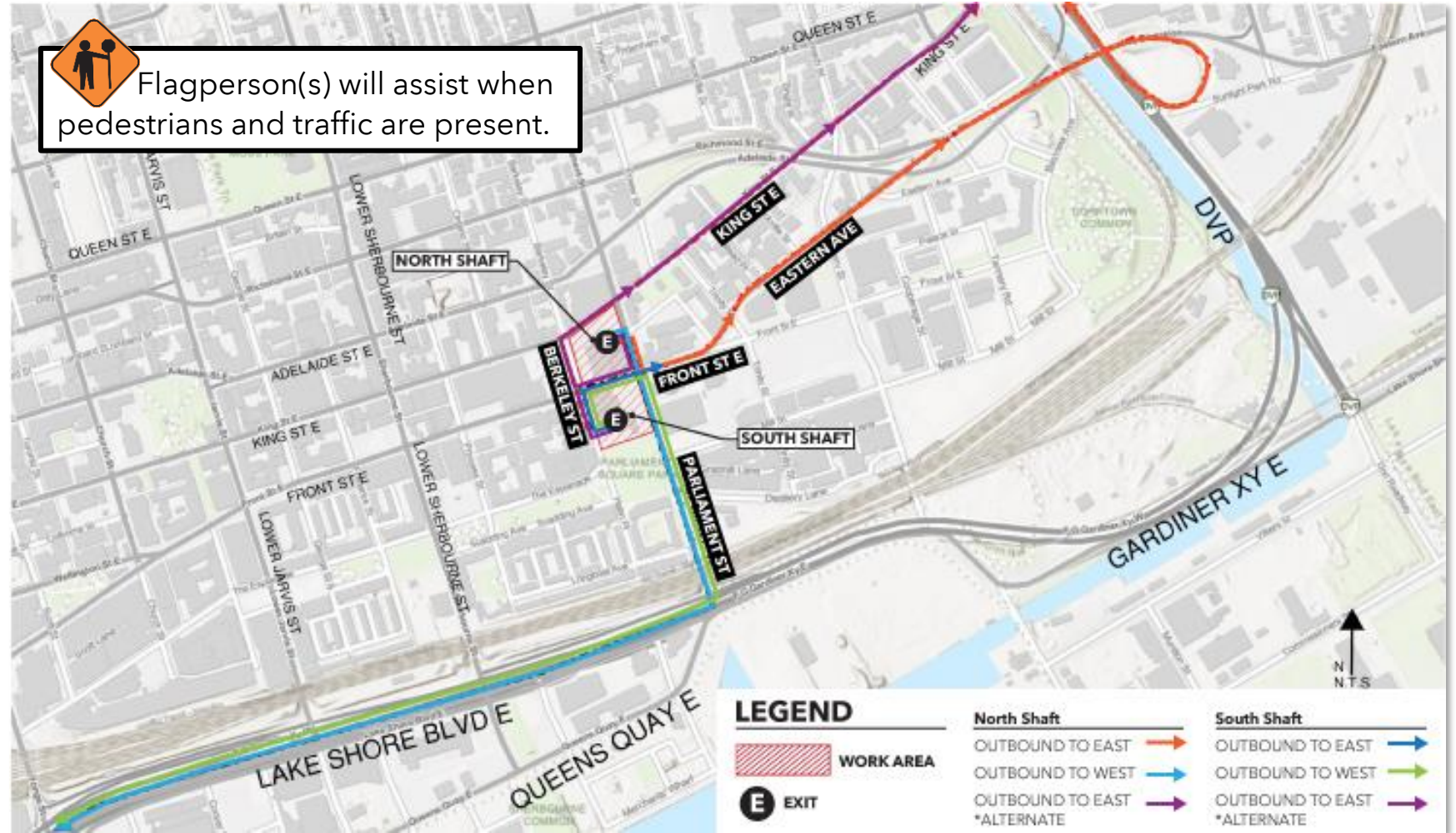
Exiting to the East

- Trucks **exiting the north site** will turn right onto Parliament Street, left on Eastern Avenue and enter the Don Valley Parkway.
- Trucks **exiting the south site** will turn right onto Berkeley Street, right on Eastern Ave to enter the Don Valley Parkway.
- *As an alternate option - Trucks **exiting the north site** will turn right onto Parliament Street, right on Front Street East, right on Berkeley Street, right on King Street East and enter Don Valley Parkway.

Exiting to the West (Lakeshore Blvd)

- Trucks exiting the north site will turn right onto Parliament Street and enter the Lakeshore Boulevard.
- Trucks exiting the south site will make a right on Berkeley Street, a right on Front Street East and a right on Parliament Street and enter the Lakeshore Boulevard.

*Haul routes are subject to change based on coordination with the City and other third-party constructions, traffic restrictions and comments from the City.



Don Yard Construction Update

Bridge and Portal Construction



Completed Work

East Abutment Caisson Drilling

- Construction of two caissons drilled into bedrock which support the east abutment
- Forming east abutment concrete structure (15.7m long x 3.15m wide x 3.5m tall)



LDEW3

Upcoming Work

Daytime work hours are from 7 a.m. to 7 p.m.

Overnight track removal work hours are from 9 p.m. to 6 a.m.

June

- Track removals, fibre relocation work, and site preparation - including grubbing, will take place
- 3-storey site compound set-up and establishment of environmental control measures
- Caisson drilling for West Abutment and concrete work

July

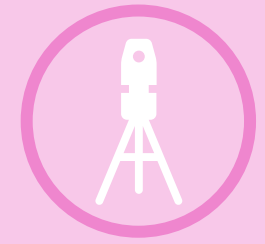
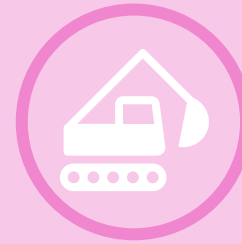
- Completion of track removals, and site compound
- Mobilization of drilling equipment for secant piling works for tunnel and portal construction
- Site grading and preparation for the construction of the temporary trestle, a structure to support the elevation of the bridge going over the Don River

August

- Cut-and-cover tunnel and portal construction that will support the transition of the Ontario Line from surface to tunnel
- Start of secant pile drilling to the main tunnel area
- Ongoing utility relocation

Sept

- Continuation of trestle superstructure (structure to support the bridge), portal, and tunnel construction
- Start excavation for the first "cut" down into the tunnel
- Completion of West abutment construction
- Site restoration and prepare work area for monopole installation



Portal Construction

Upcoming

- **Present - Fall 2024:** Removing existing rail tracks with rail-cutting saws. 10 haul trucks are expected to leave the job site every hour to remove materials. The trucks will be moved along the rail track to remove the rail ties and store the materials to be removed during the day.
- **Fall 2024 - Summer 2025:** Shoring will take place, which is a temporary stabilization technique providing structural support for the portal and tunnel.
- **Summer 2025 - Spring 2026:** Concrete cut and cover tunnel construction will be completed. This involved digging a trench (deep, long, and narrow hole), building a tunnel inside, and covering it up.
- **Spring 2027 - Summer 2028:** Phase two of the portal work begins.



Bridge Construction

Upcoming



- **Present - July 2024:** East abutment construction.
- **August 2024 - October 2024:** West abutment construction.
- **August 2024 - October 2025:** Temporary trestle structure built (required to support new bridge).
- **November 2025:** Begin work on the permanent bridge.
- **January 2026:** Half of the bridge is built over the Don River and slid into place across the Don Valley Parkway.
- **February 2026 - May 2026:** Construction of the remaining half of the bridge.
- **Summer 2026:** Temporary structure works will be removed.
- **Summer 2027:** Bridge lighting and additional detailed work on the bridge will be complete.

Don Yard Community Open House



Date: Wednesday, June 5th

Time: 6:00 pm to 8:00 pm

Location: Young Centre For The Performing Arts, 50

Address: Tank House Lane, M5A 3CA

Community Engagement

Community Artwork

Update

- In fair practice across the south civils alignment of the seven (7) stations of the Ontario Line, community consultation for the artwork panels will be launched during the week of May 27th by the Community Engagement teams.
- Community feedback will be collected through a survey. The survey will be electronic and various methods will be used to promote feedback: community pop-ups, social media, etc.
- The community's voice will be the directive on the reflection of the panel's artwork.
- Survey results will be shared online and via CLCs.



Ontario Line Industry Expo

May 29

Sheraton Centre Toronto Hotel
123 Queen Street West

Scan QR to register.

*Registration required for entry



Discussion

Community Engagement

Ongoing Community Canvassing and Participation

Project staff and representatives will commence ongoing interaction with the community, for the duration of the project. Activities will include:

- Pop-ups presences in the community (parks, events, markets).
- Pop-ups in condo lobbies.
- Monthly CLC meetings.
- 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

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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