

Union Station Enhancement Project

Major Landowners / Tenants Meeting

November 13 , 2024



METROLINX LAND ACKNOWLEDGEMENT

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.

ALLIANCE CHARTER

UNION STATION ENHANCEMENT PROJECT



**ONTrack Alliance
commits to courageously
transform how projects
are delivered through
trust and collaboration.**



AGENDA

1 UNION STATION ENHANCEMENT PROJECT (USEP) OVERVIEW

2 CONSTRUCTION UPDATES

3 CUSTOMER UPDATES

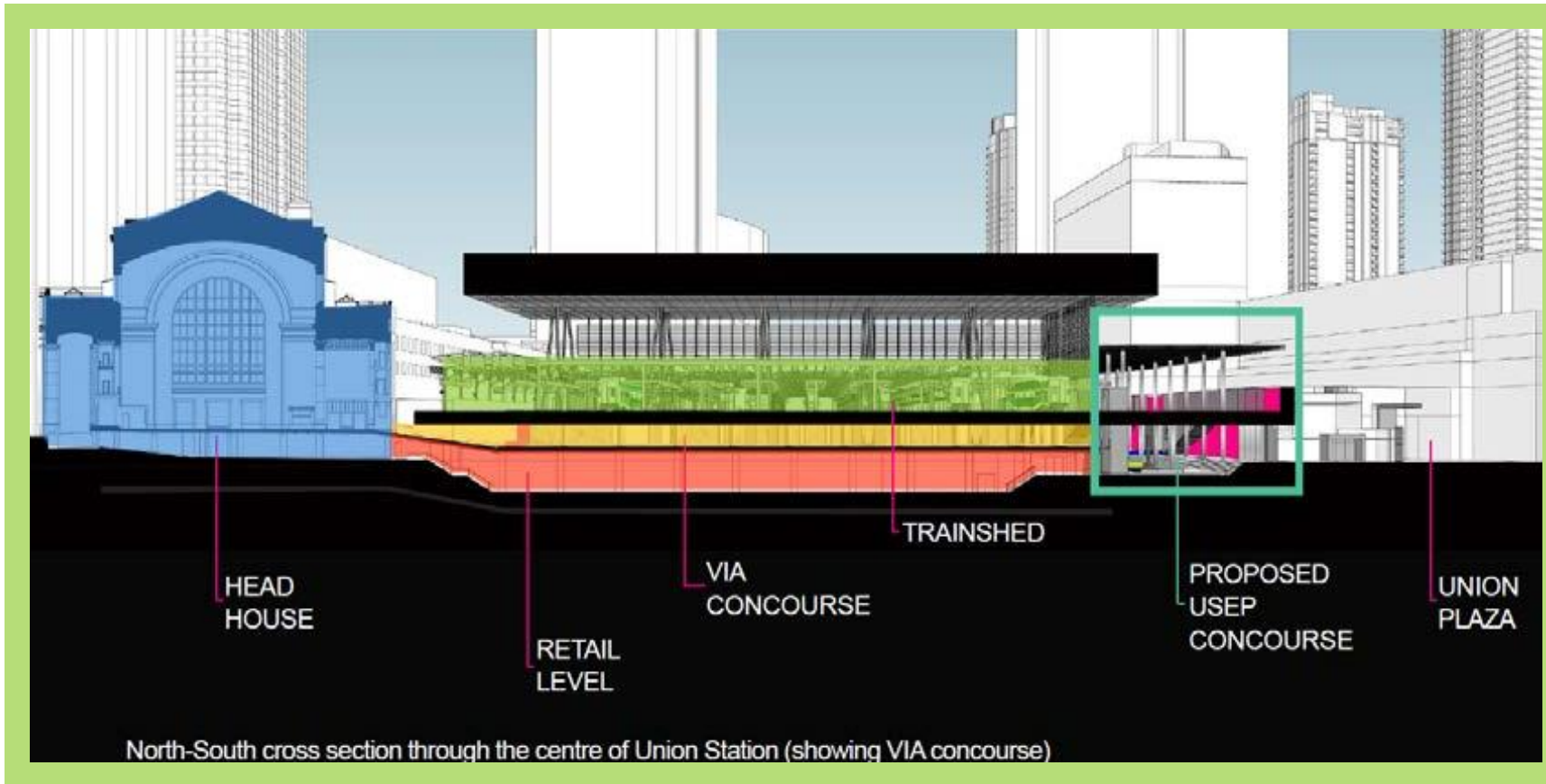
4 NEXT STEPS

Your Key OnTrack Alliance Contacts:

- Paul Rotella, Stakeholder and Communications Project Coordinator, ONTrack Alliance
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- Nilgun Erkoc, Senior Manager, Community Engagement, GO Expansion, Metrolinx
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USEP PROJECT OVERVIEW

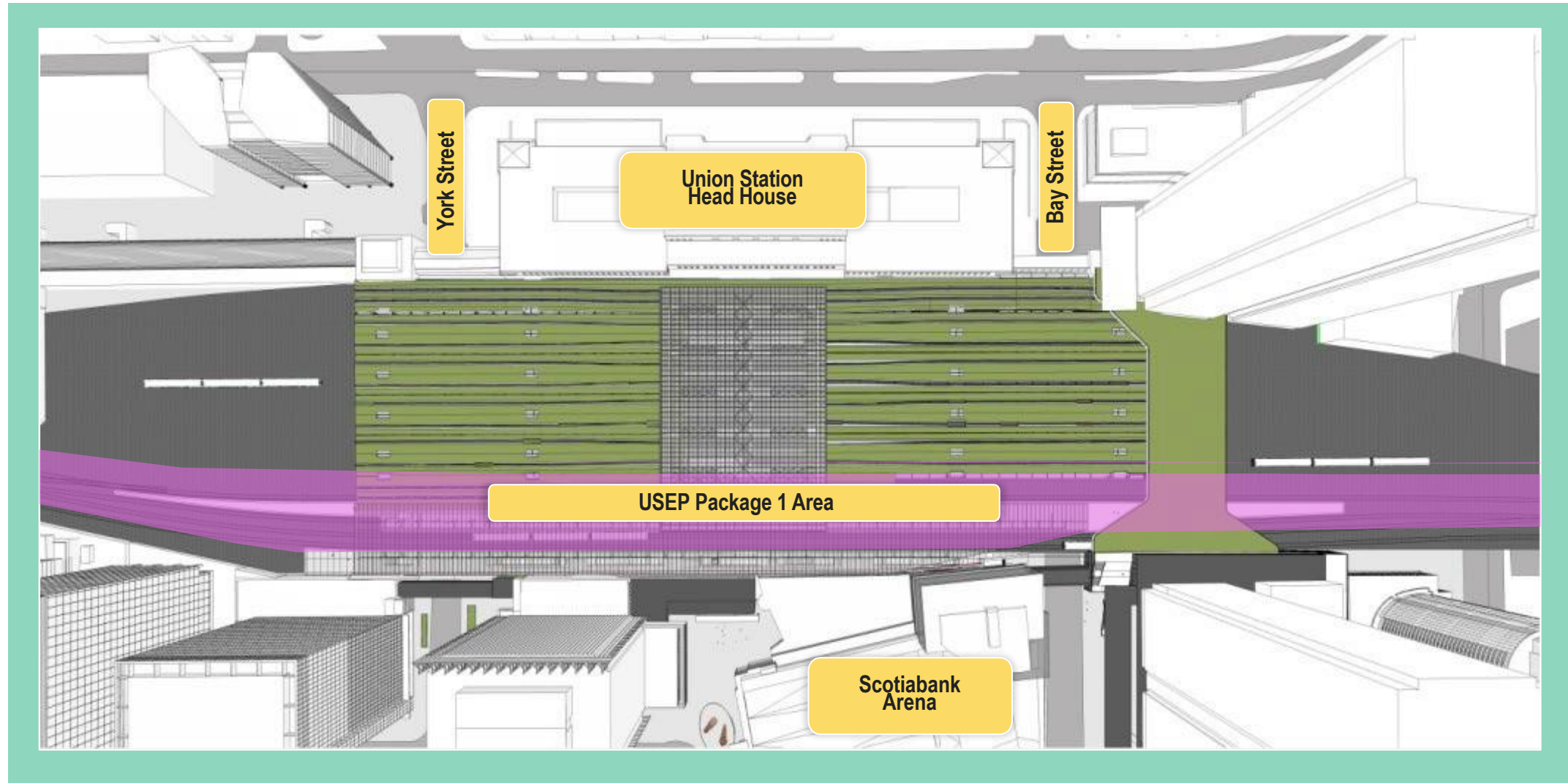
GO EXPANSION ENABLING WORKS



The Union Station Enhancement Project (USEP) is a GO Expansion Enabling Works project that is required in advance of the On-Corridor Works project in order to facilitate future track closures for the reconstruction of platforms within the existing trainshed, and to optimize the overall On-Corridor Works construction schedule.

The USEP is required in addition to the rehabilitation and upgrades already completed or near completion at Union Station.

UNION STATION ENHANCEMENT PROJECT



CONCEPTUAL RENDERINGS



Artists rendering. Design subject to change.

Figure: Conceptual rendering of continuous concourse from York Street to Bay Street

CONSTRUCTION UPDATES

UNION STATION ENHANCEMENT PROJECT CONSTRUCTION

- **Demolition, Excavation, and Foundation Activity - Phasing**
 - Progress of demolition, excavation, and foundation work in Areas A - J.
- **Truck Tunnel Demolition**
 - Activity sequence update
- **Customer Communications**
- **Next Steps**



TRACK LEVEL - PROGRESS

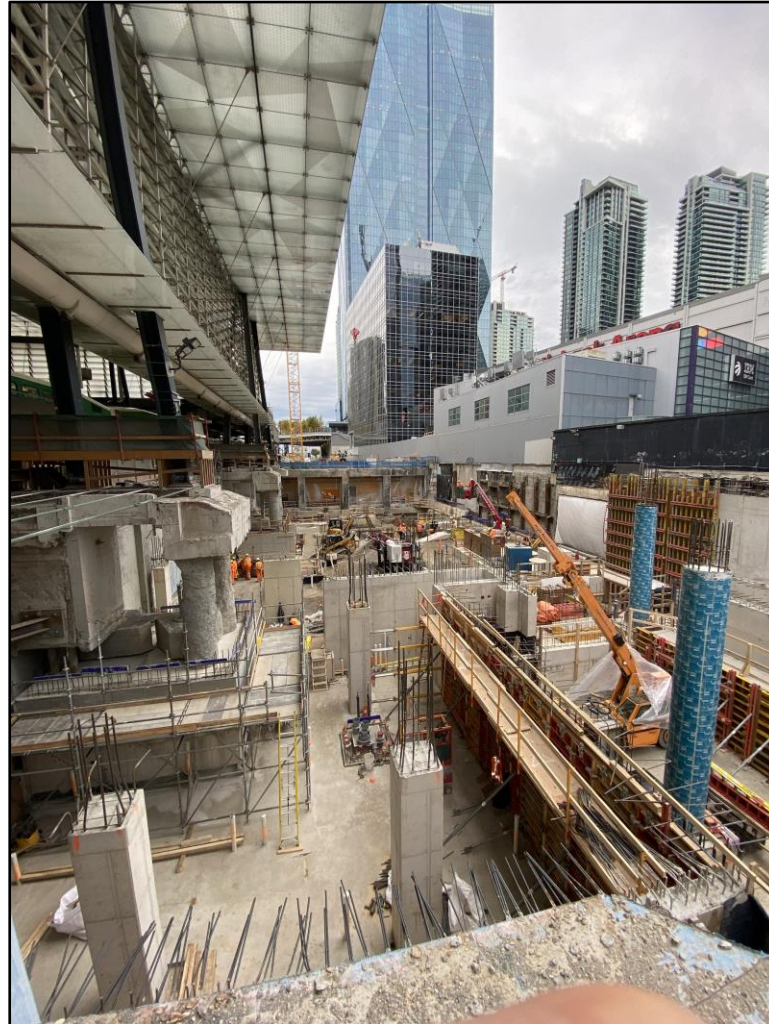


Photo: Areas E,F,G (east facing) - November 2024

TRACK LEVEL - WEST OF YORK ST (AREA A)

Track Level

Mechanical Room 4

- Lagging on the north wall is complete, and ongoing on the south wall
- Caisson wall grinding on the west wall is complete
- Excavation has reached the final elevation
- Demolition works (wire sawing) is ongoing on the abutment to create openings
 - **Next steps:** Continued wire sawing of the openings, concrete pouring, subgrade installation

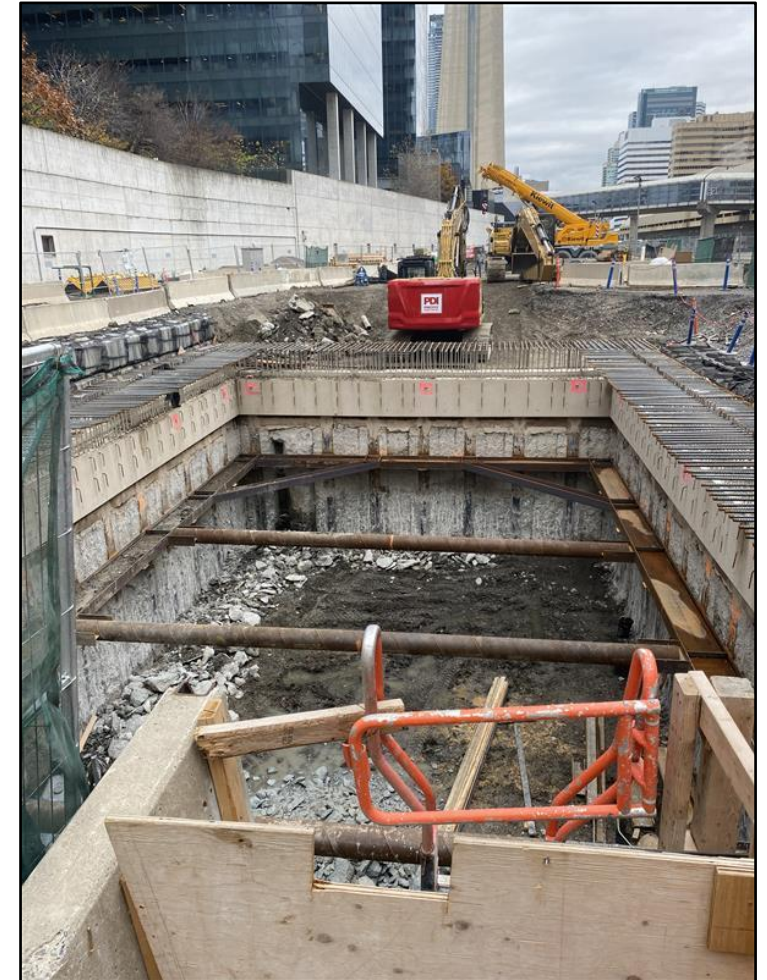
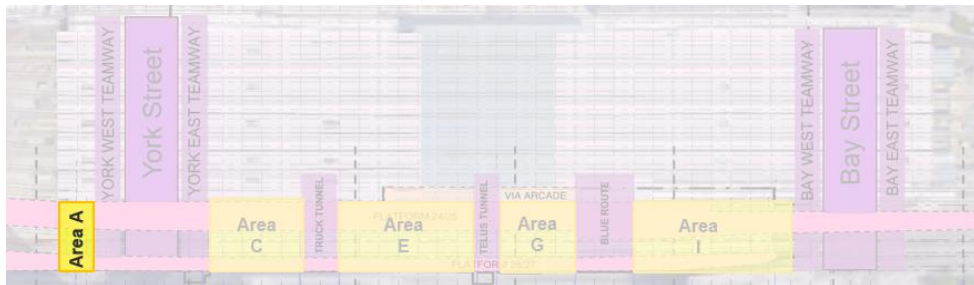


Photo: Area A - Mechanical Room 4 (west facing)
Waler and Strut installation to enable deep excavation

TRACK LEVEL - YORK STREET TEAMWAYS (AREA B)

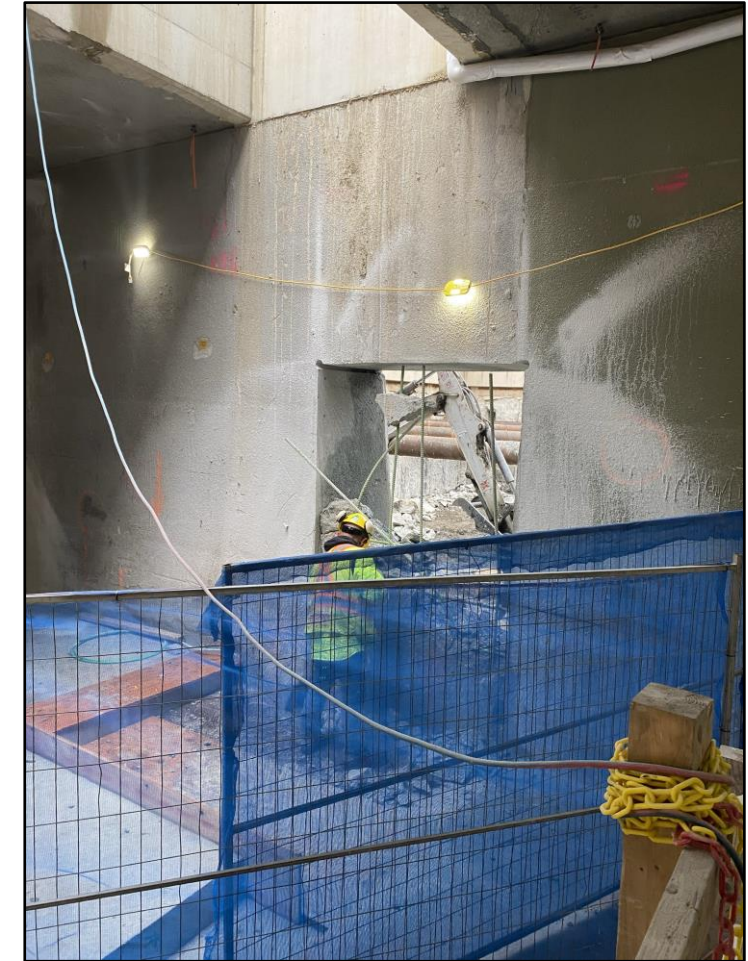
York West Teamway (YWT)

- Enwave Scope
 - Anticipated start: TBD
 - Potential Impacts:
 - Full closure of the south side of the YWT
 - Pedestrians to be re-routed to sidewalk outside of the teamway
 - Duration: 4+ months
- Slab pours are complete
- Core hole drilling and wire-sawing the openings into Mechanical Room 4 is underway

Next steps: Hoarding modifications for Enwave work

York East Teamway

- Beam installation is ongoing
 - **Next steps:** Additional slab pours in the south section of the YET, formwork and concrete pouring of columns, beam, and slab



Photos: YWT Opening into Area A

TRACK LEVEL - EAST OF YORK ST (AREA C)

North side

- Track slab decking and formwork is ongoing
- Rebar installations are ongoing and nearing completion
 - **Next steps:** Mechanical and electrical conduit installations, track slab pours

Southwest side

- Excavation for the grade beam installation is ongoing at the York St abutment
- Beam falsework and bearing plate installation is underway
 - **Next steps:** Abutment demolition, backfilling, concrete pouring

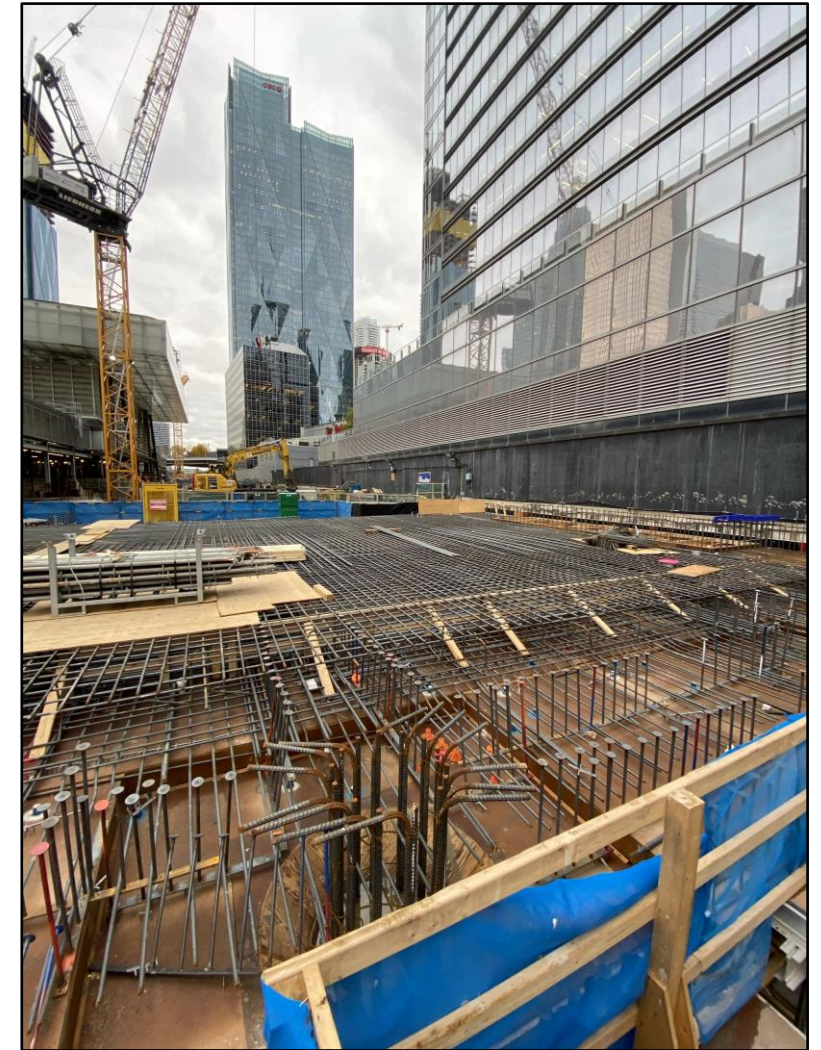


Photo: Area C – Track Slab Rebar Installation (south facing)

TRUCK TUNNEL (AREA D)

Fire Shutter Door 2 Installation

- Completed over the weekend of October 25th - 27th

Truck Tunnel Roof Demolition

- Day and night shifts, within OTA construction site
- Demolition is underway on the center portion
 - North flare demolition complete
 - **Next steps:** Demolition on the center portion
- South flare man door opening is ongoing, additional chipping, coring and wire-sawing to be completed.

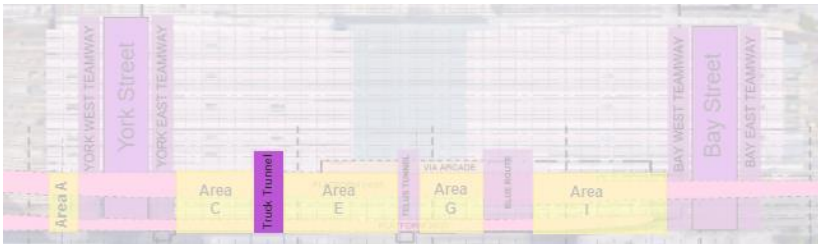


Photo: North Flare Demo Complete – North Center Portion Ongoing

TRACK LEVEL - AREA E

- Cap beam has been poured and stripped, and backfilling around it is currently underway
- Track slab decking installation is underway

Mechanical Room 1

- Posts and tower installations ongoing, and continued stripping of the formwork ongoing
- Formwork installation for the south wall
 - **Next Steps:** Concrete pouring of the south wall following the formwork installation

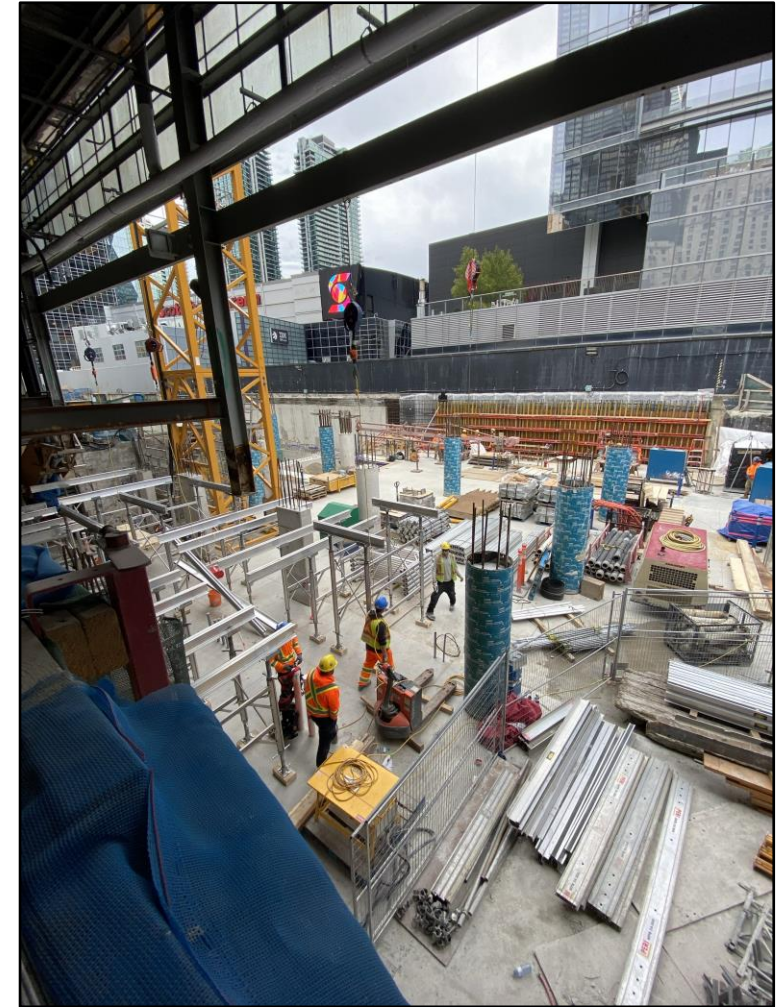


Photo: Area E - Track Slab Decking Installation Underway

TRACK LEVEL - AREAS F/G

South Side

- Pile cap and grade beam installations are ongoing
- Backfilling is underway against the retaining wall
- Column and wall installations are ongoing

North Side

- Micropiling is underway
- Clear stone backfilling is ongoing
- Methane installations and mudmat installations are ongoing
- Waterproofing the elevator pits is ongoing
- Forming and pouring atrium supports
 - **Next steps:** Additional backfilling, methane installations

Mechanical Room 2

- Column and wall installations are ongoing
- Concrete has been poured for walls and stripping is ongoing
 - **Next steps:** Additional wall installations, waterproofing

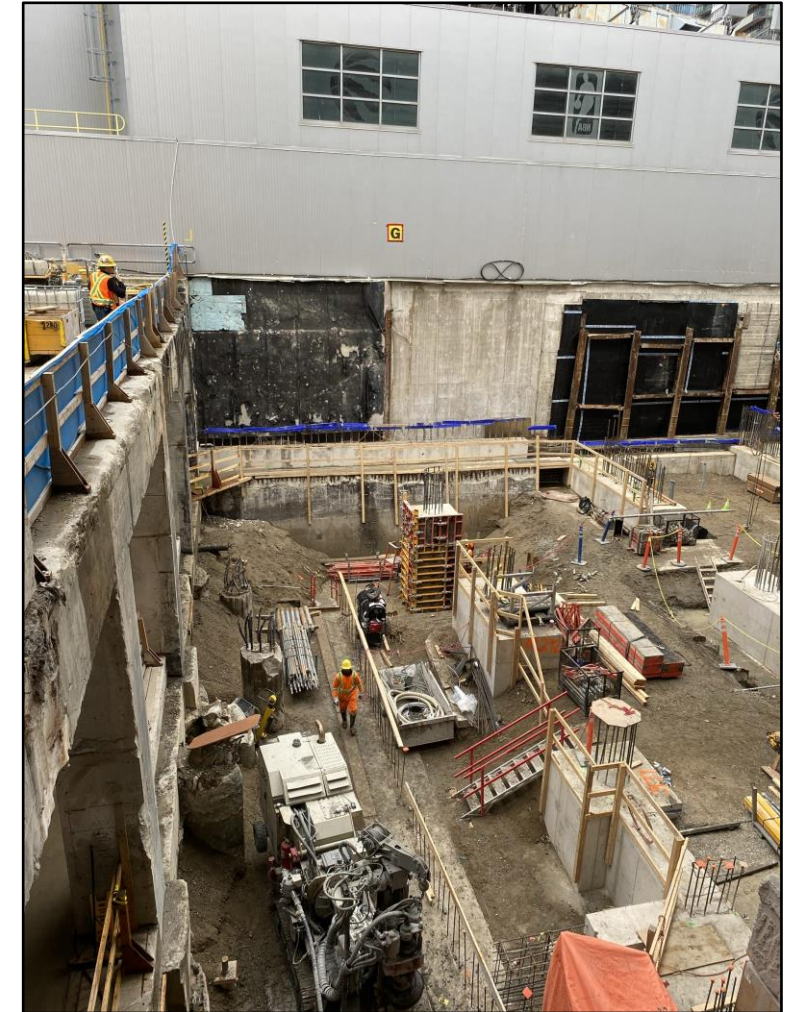


Photo: Area F/G - Pile cap installations

TRACK LEVEL - AREA F/G

Electrical Relocations (120V)

- ON HOLD pending Blue Route Investigations

Manhole investigations on Bay St.

- Scheduled for November 25th - 30th

Blue Route Investigations

- Design and work plan discussions are underway + site walks with stakeholders

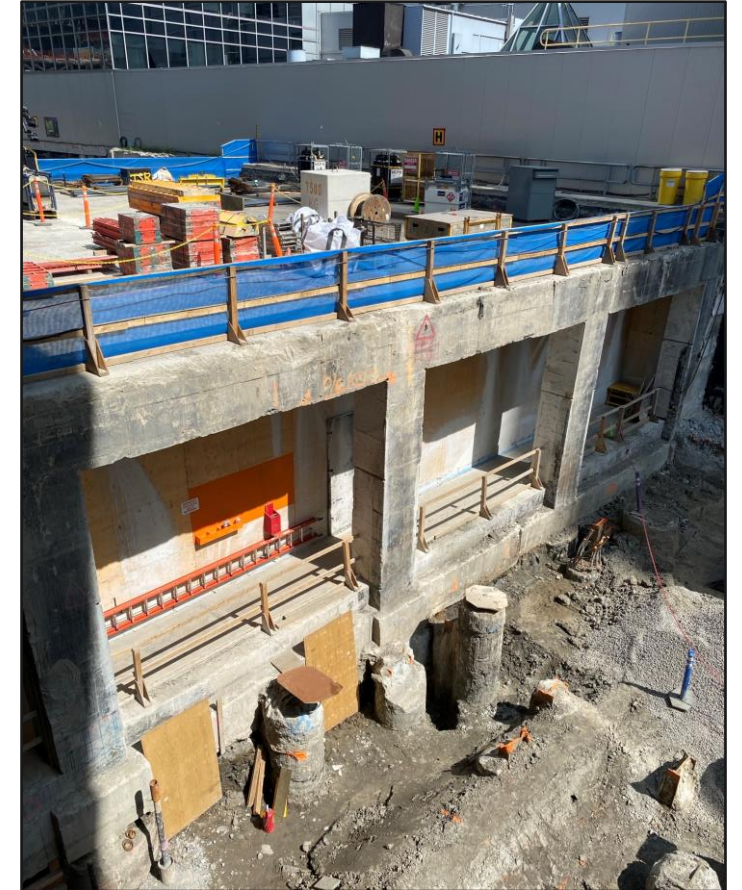


Photo: Blue Route openings on the West Wall

TRACK LEVEL - AREA I/J

Area I

North Side

- Micropile installations and detailing and pile cap detailing is ongoing
- Backfilling around the elevator pits is complete, and formwork and rebar installations complete and the pouring of the walls is underway

South Side

- Excavation to final grade in the south complete
- Micropiling and trenching for conduit installations (Methane and Electrical) ongoing
- Wingwall footing demo is ongoing

Area J

- Abutment demolition and footing chipping is underway, with hammering activities and rubble removal ongoing at the north side of the Bay abutment

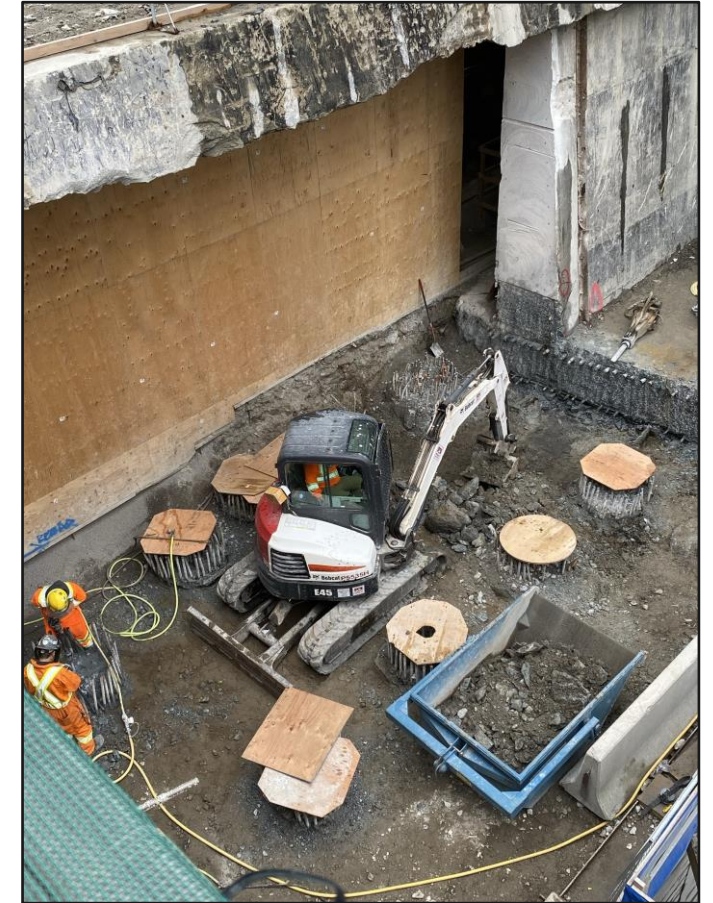
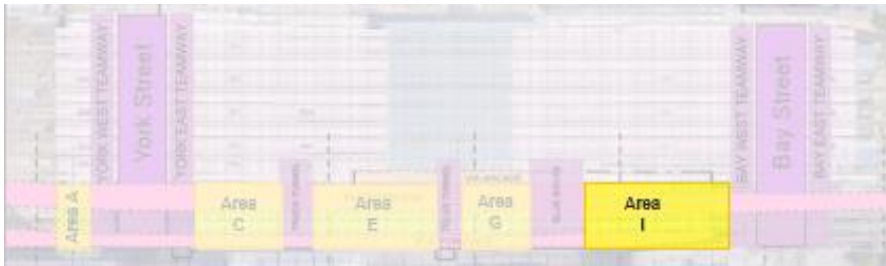


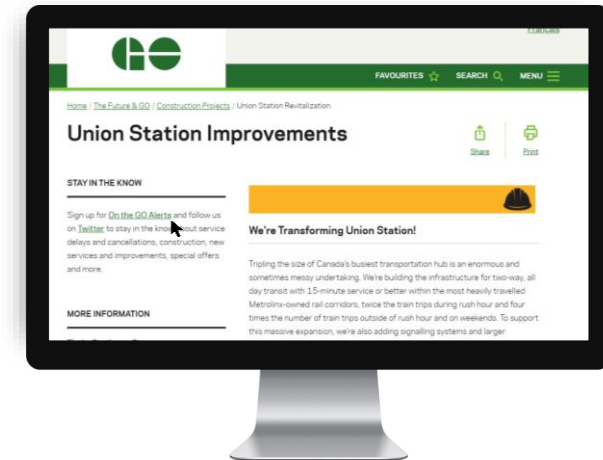
Photo: Area J: Abutment chipping (south facing)

CUSTOMER UPDATES

CUSTOMER UPDATES

No customer updates for the month of November.

Construction updates posted on the web at:
[Union Station Improvements](#)
Register for [On the GO alerts](#) to stay in the know



NEXT STEPS



@Metrolinx



@GOExpansion



<https://www.metrolinx.com/union>



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