

# **Union Station Enhancement Project**

**Major Landowners / Tenants Meeting**

**February 14th, 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

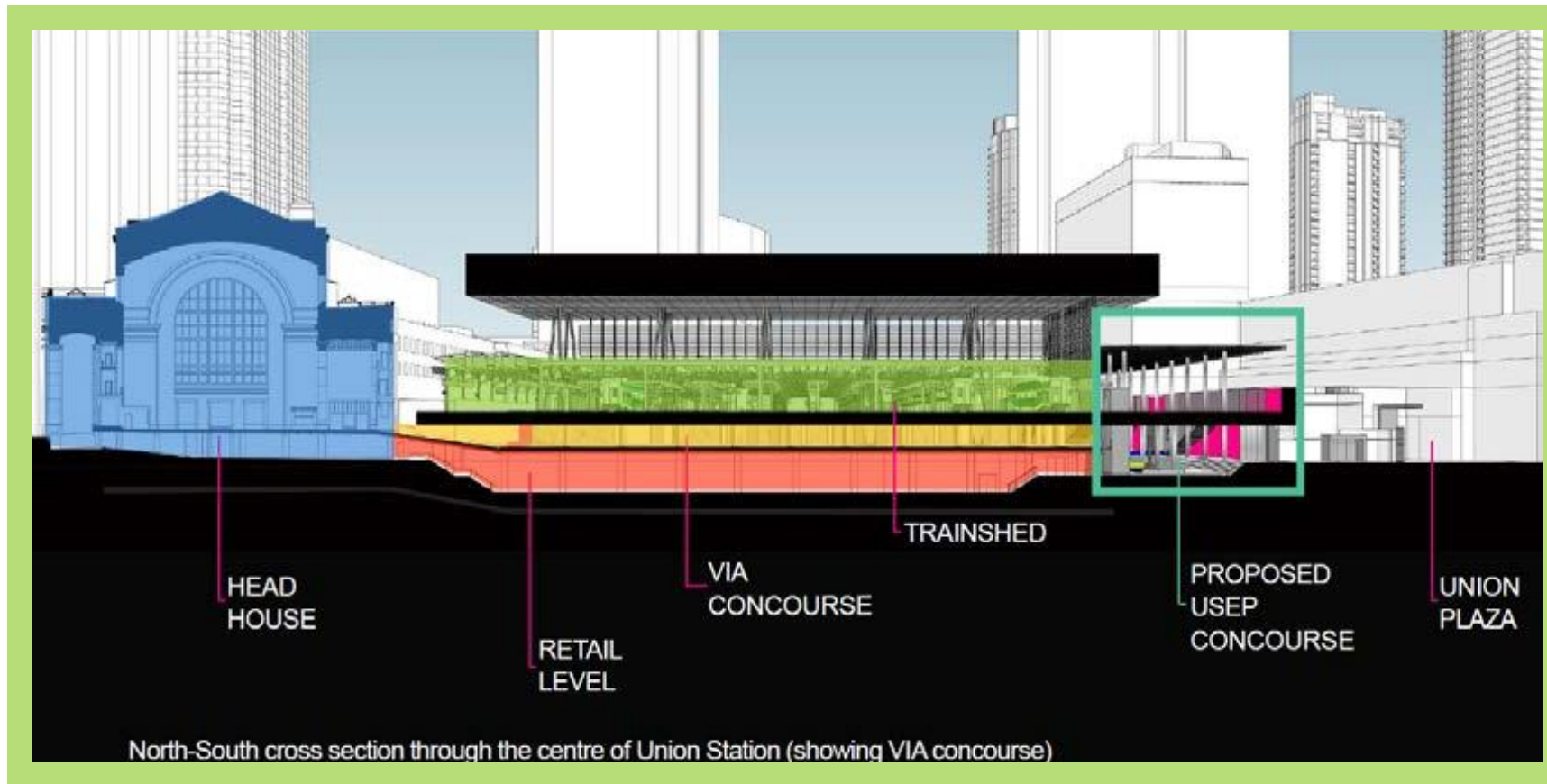
## 4 NEXT STEPS

Your Key OnTrack Alliance Contacts:

- Dilan Unutkan, Stakeholder and Communications Manager, ONTrack Alliance
  - [Dilancan.Unutkan@wsp.com](mailto:Dilancan.Unutkan@wsp.com)
- Nilgun Erkoc, Senior Manager, Community Engagement, GO Expansion, Metrolinx
  - [Nilgun.Erkoc@metrolinx.com](mailto:Nilgun.Erkoc@metrolinx.com)

# USEP PROJECT OVERVIEW

## GO EXPANSION ENABLING WORKS

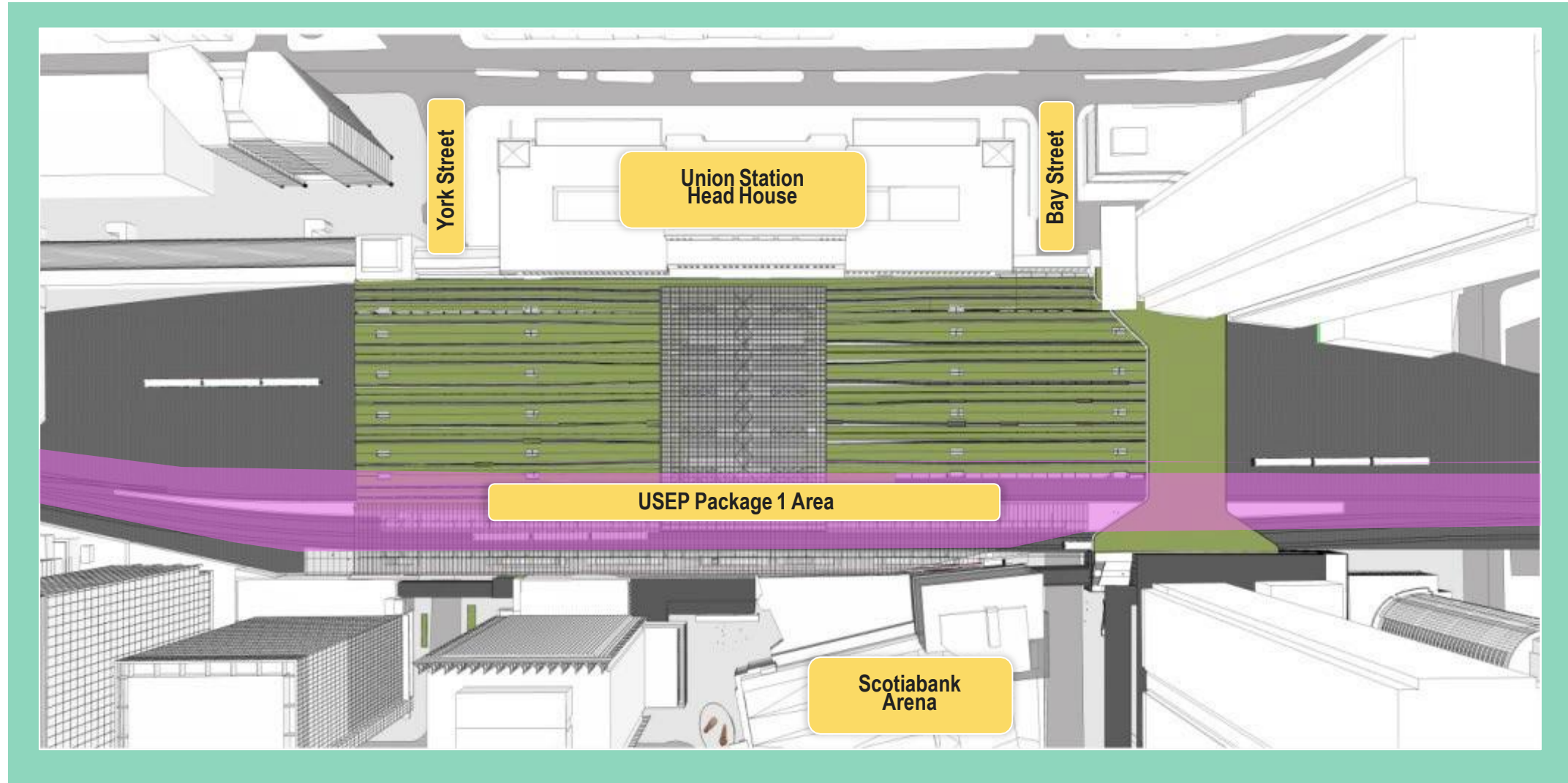


The Union Station Enhancement Project (USEP) is a GO Expansion Enabling Works project that is required in advance of the On-Corridor Works project in order to facilitate future track closures for the reconstruction of platforms within the existing trainshed, and to optimize the overall On-Corridor Works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

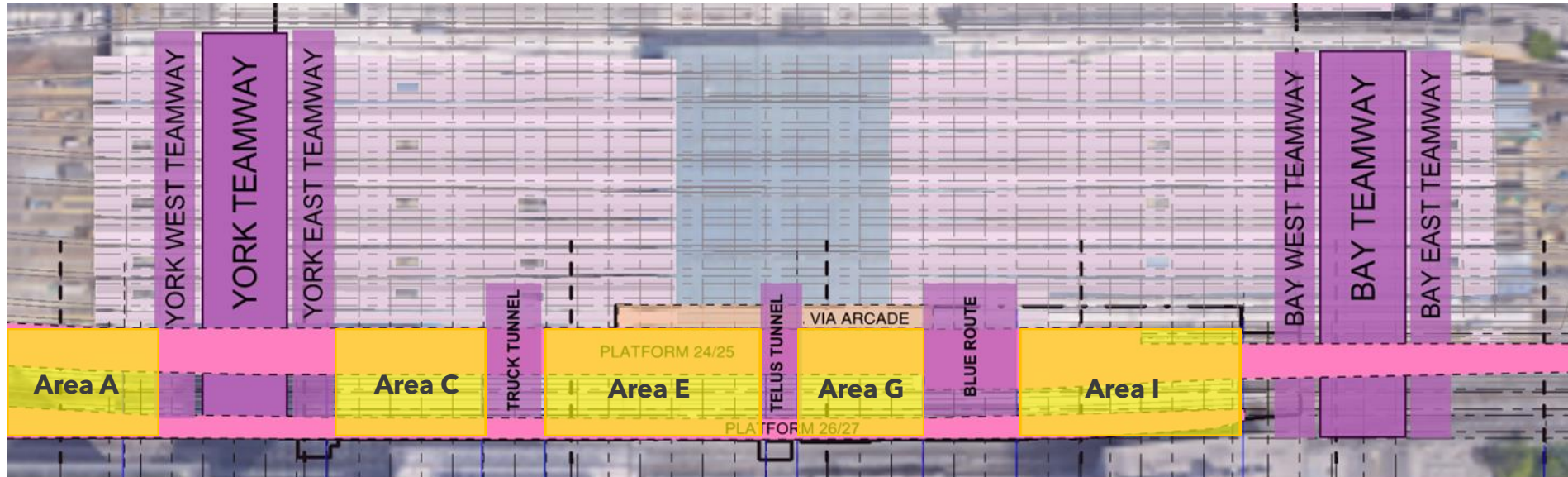
# UNION STATION ENHANCEMENT PROJECT CONSTRUCTION

- **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**



# DEMOLITION AND DRILLING ACTIVITY - PHASING

- Demolition, excavation, micropiles, and pile cap installation activities are generally proceeding in each area from west to east (Area A to J).



# TRACK LEVEL - PROGRESS



**Photo:** Area E/F/G - January 2024



**Photo:** Area E/F/G - February 2024



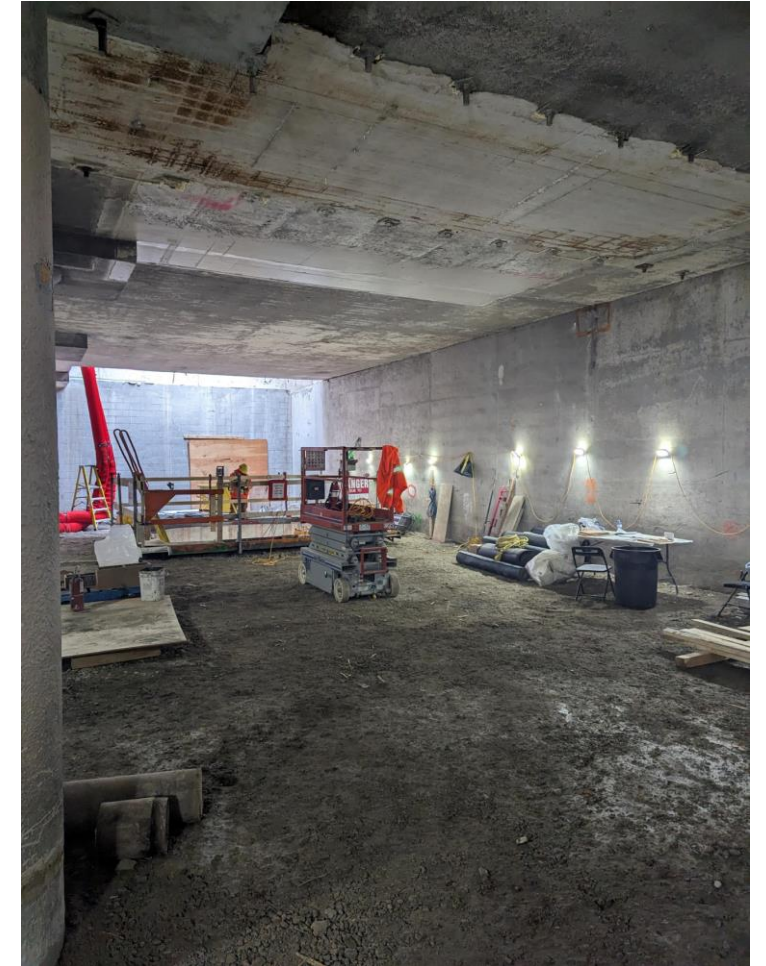
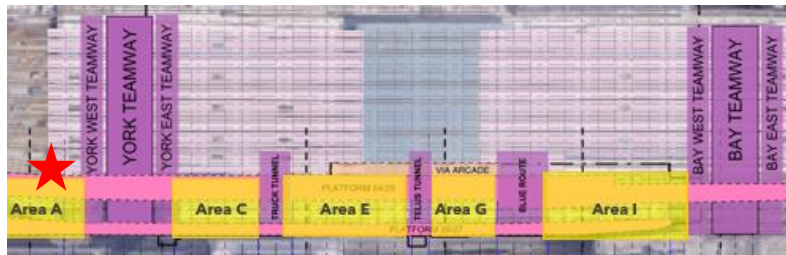
# TRACK LEVEL - WEST OF YORK ST (AREA A)

## Track Level

- Mechanical Room 4
  - Installation of secant wall completed in January
  - Excavation and installation of lock block wall is ongoing
  - Installation of king piles to start late February
    - Potential noise and vibration impacts

## Enwave

- Preparation for Enwave
- Anticipated start of Enwave scope of work: June, 2024
  - OTA to review work plan with Quadreal



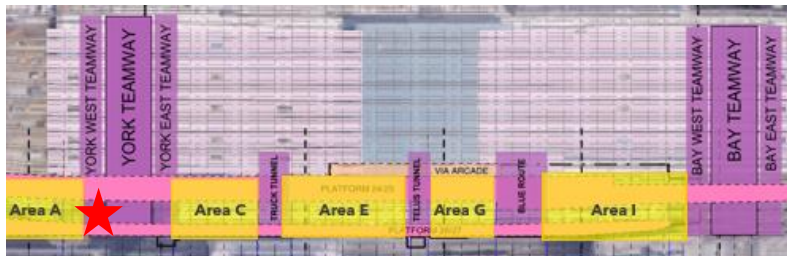
**Photo:** York West Teamway (behind OTA hoarding)



# TRACK LEVEL - EAST OF YORK ST (AREA B)

## York East Teamway

- New beam pour complete
  - Protection of columns
- Demolition of abutment wall target start late February



**Photo:** York East Teamway (new beam)



**Photo:** York East Teamway

# TRACK LEVEL - EAST OF YORK ST (AREA C)

## South side

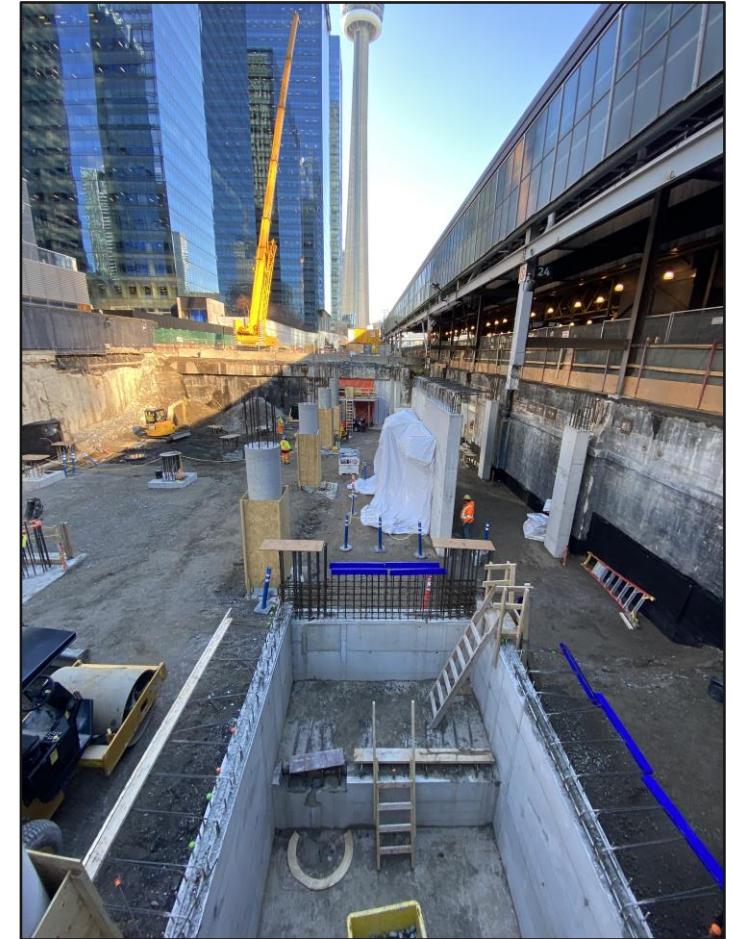
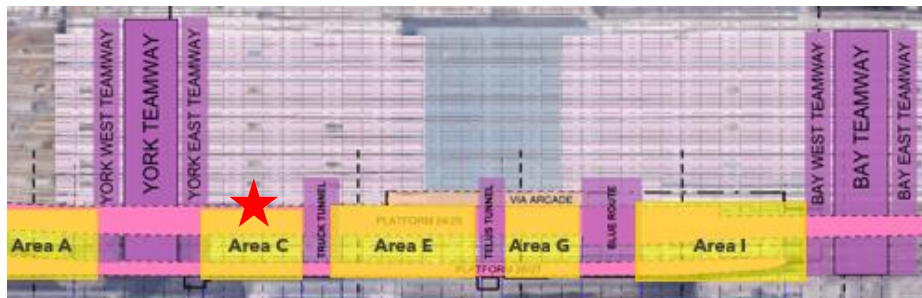
- Demolition of secant pile wall to the base of concourse slab is complete
- York Street wing wall demolition is ongoing
  - Potential noise and vibration impacts
- Backfilling for pile cap and beam installations
- Excavation is ongoing

**Next steps:** pile cap installations and form work

## North side

- All columns have been poured
- Completing structural backfills for columns and walls

**Next steps:** Grounding well installation, trench excavation for underground electrical conduit work, and drainage work



**Photo:** Area C – Column protection and formwork



# TRACK LEVEL - AREA E

## South side

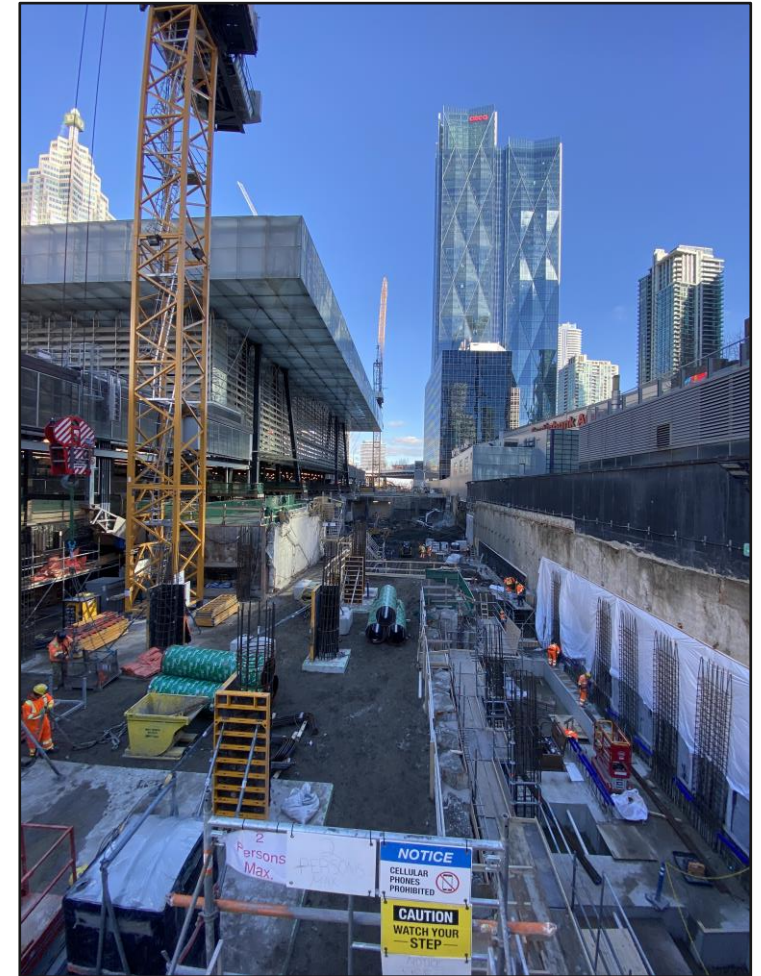
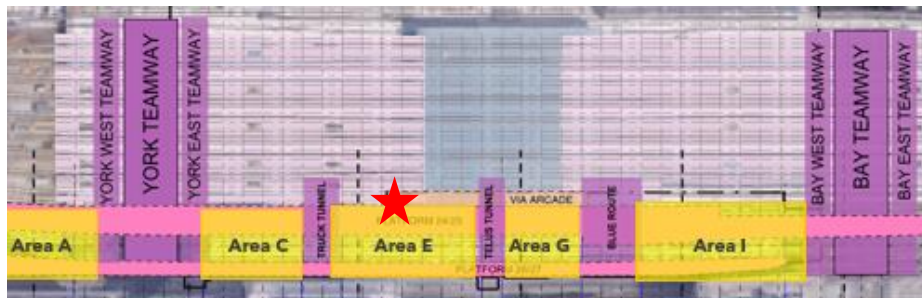
- Building Mechanical Room 1
  - Waterproofing, stud installations, and grounding grid installations are ongoing

**Next steps:** Column and wall installations, waterproofing, structural backfilling, trench excavation, piping installations

## North side

- Backfilling ongoing behind the signal bunker
- Formwork installations ongoing

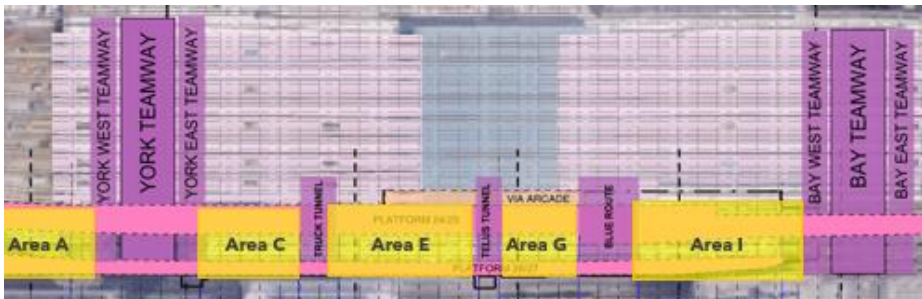
**Next steps:** backfilling, trench excavation for underground piping



**Photo:** Area E Rebar for columns

# TRACK LEVEL - AREA F/G

- Demolition and excavation to the final elevation is ongoing
- Micropile installations around atrium supports are ongoing
- Pile cap installations are ongoing on south side
- Support of Excavation installation west of Blue Route - on hold



**Photo:** Area F/G Atrium Supports



# TRACK LEVEL - AREA F/G

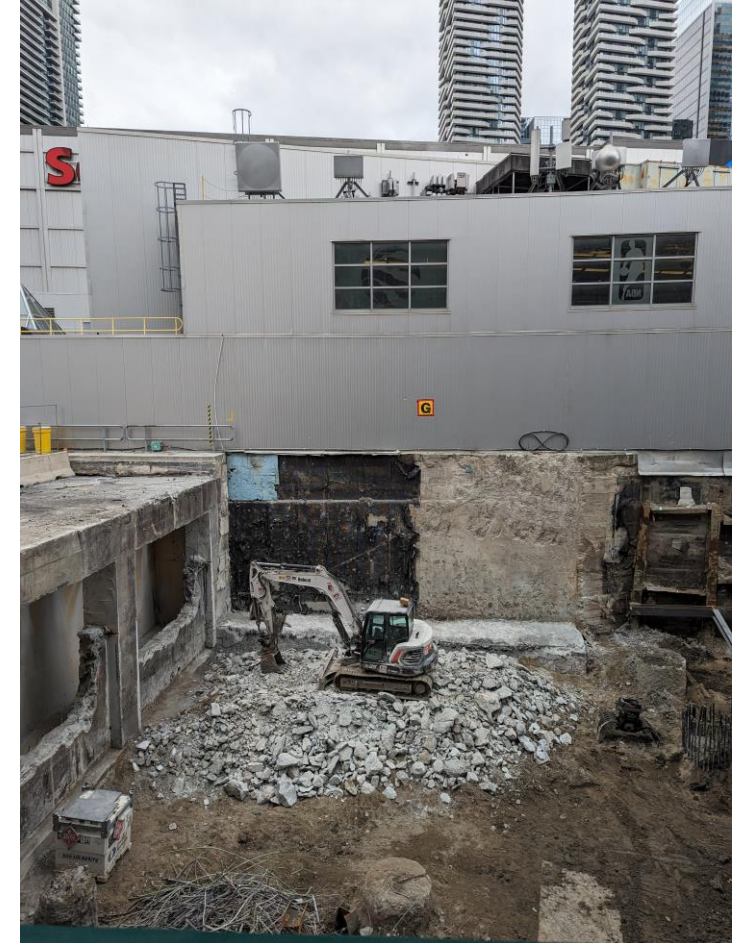
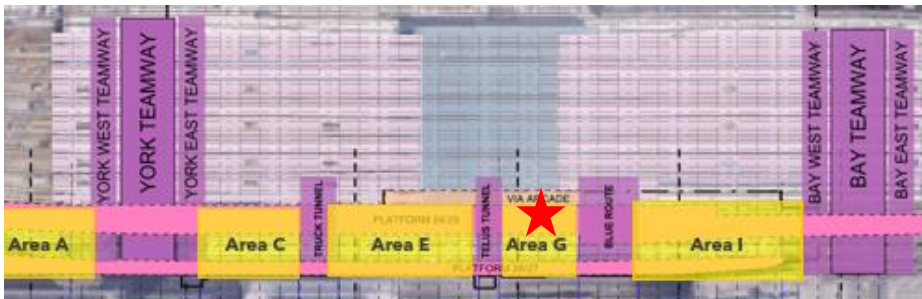


**Photo:** Area F/G Pile Cap Installation (Left image) and columns



# TRACK LEVEL - AREA F/G

- Blue Route wall openings
  - Demolition of openings is ongoing
    - Target completion date for all openings on west side is early March
    - Target completion date for all openings on east side is late March
    - Hammering and wiresaw operations could lead to potential noise and vibration impacts



**Photo:** Demo of wall west of Blue Route

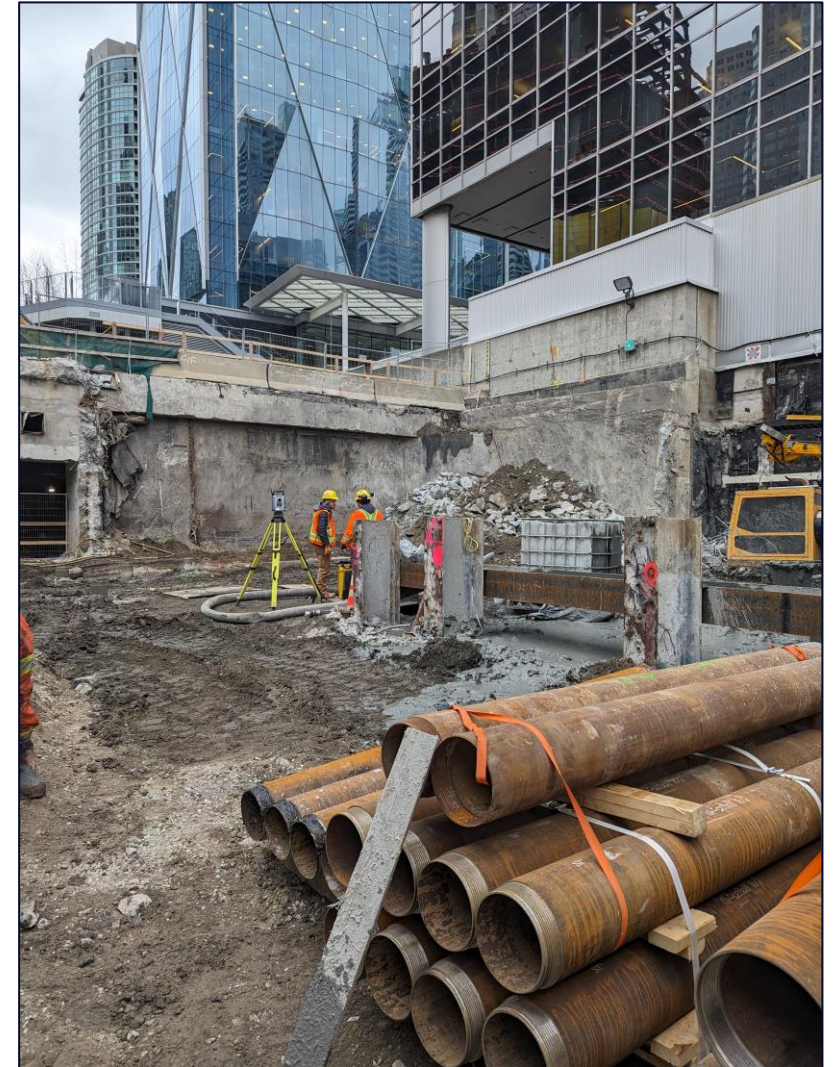
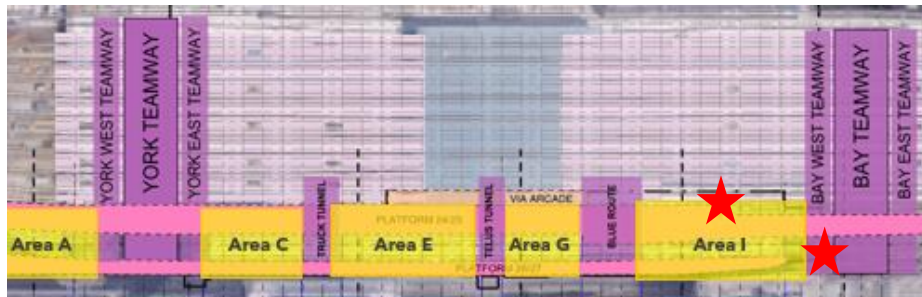
# TRACK LEVEL - AREA I/J

## Area I

- Demolition of existing center secant wall and postal tunnel complete
  - Hammering of east wing wall to elevation 79
    - Potential noise and vibration impacts
- Excavation activities are ongoing
- Micropile installations and lagging for deeper excavation is ongoing

## Area J

- ONHOLD - design development



**Photo:** Area I – prep for micropile installations

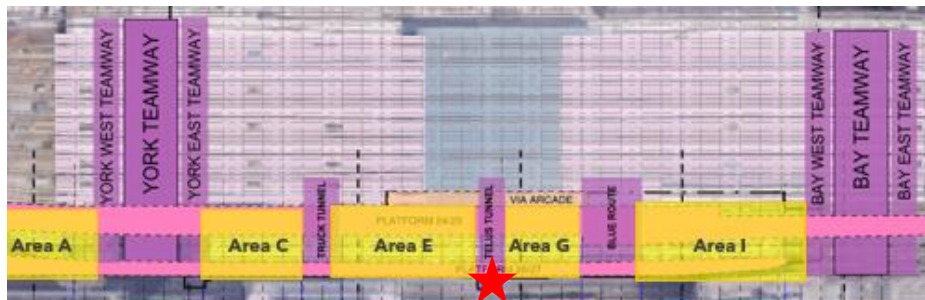


# TRUCK TUNNEL (AREA D)

- Truck tunnel schedule changes will require 2 full weekend closures
  - Fire shutter door installation cancelled
  - Full truck tunnel closure February 23 - 25



Photo: Truck Tunnel

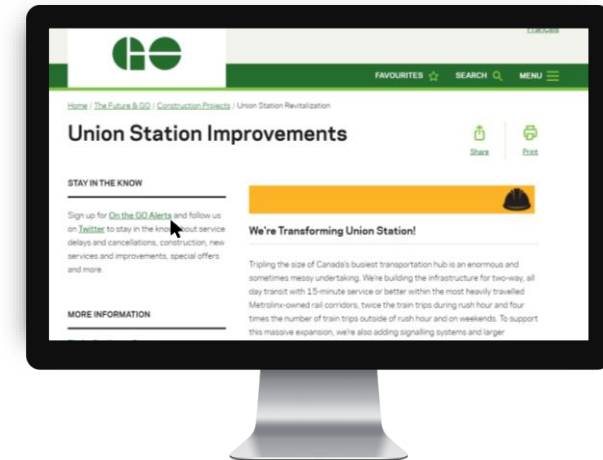


# CUSTOMER UPDATES

# TELUS RAMP CLOSURE (VIA-TELUS CONNECTION)

Customer Appreciation Event scheduled February 14th, 2024 (today).

**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>**



**TorontoWest@metrolinx.com**

