

Union Station Enhancement Project

Major Landowners / Tenants Meeting

March 13th, 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

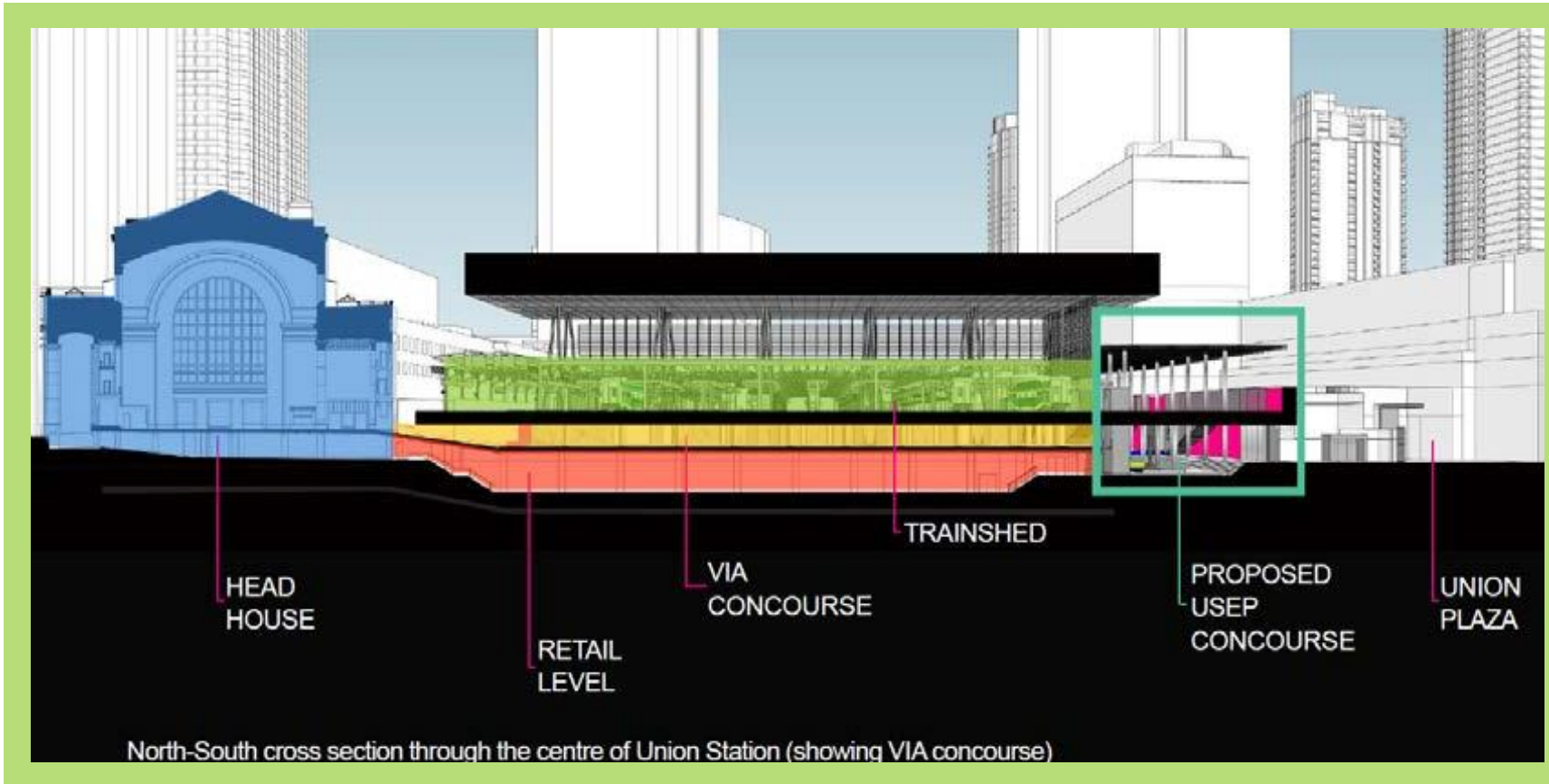
4 NEXT STEPS

Your Key OnTrack Alliance Contacts:

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

USEP PROJECT OVERVIEW

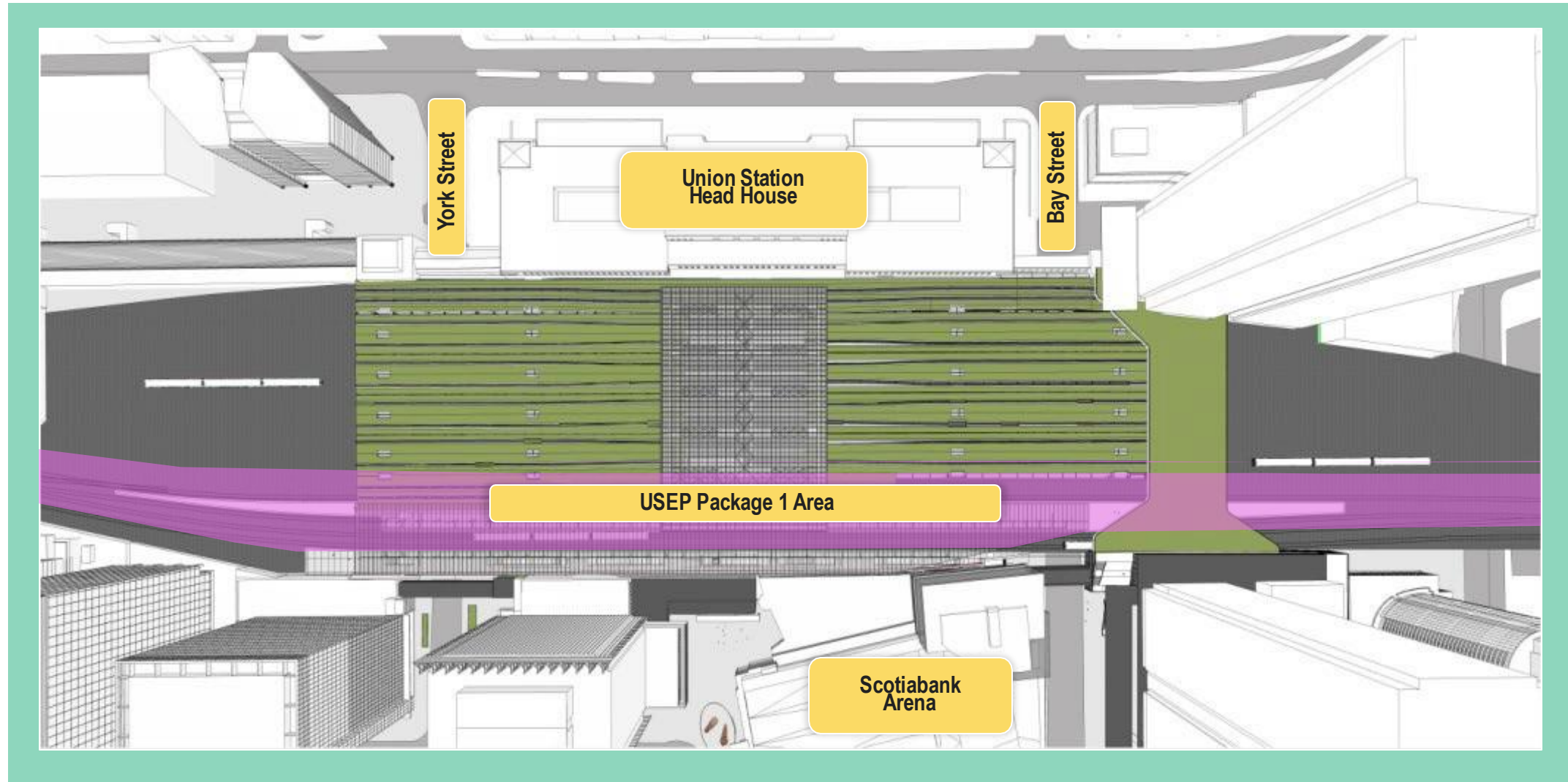
GO EXPANSION ENABLING WORKS



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

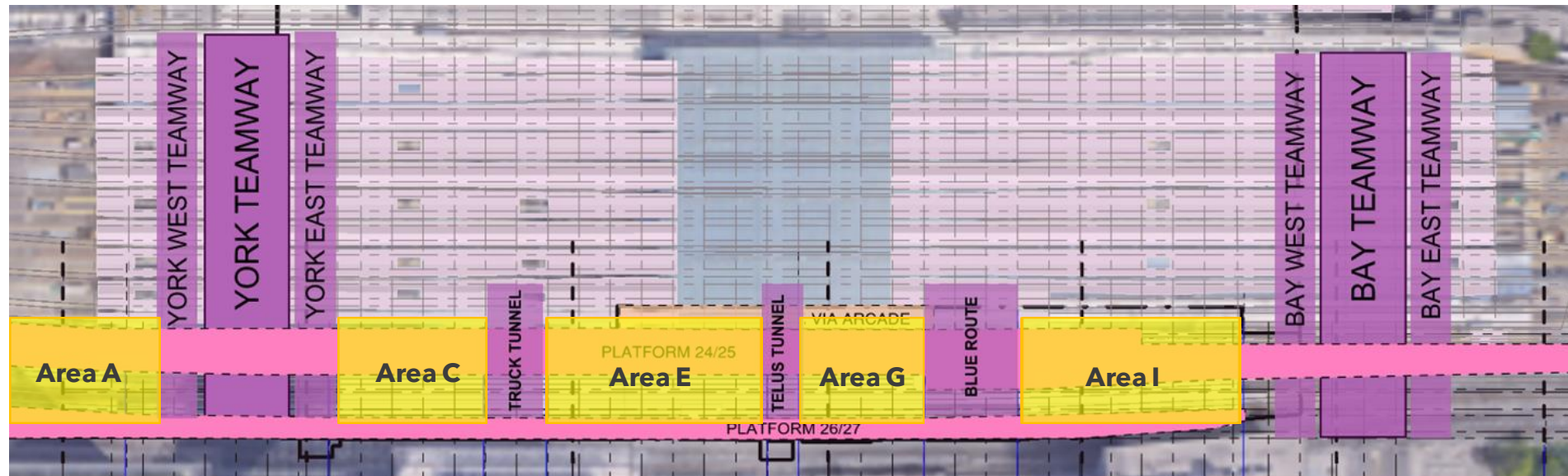
UNION STATION ENHANCEMENT PROJECT CONSTRUCTION

- **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 - February 2024



Photo: Area E/F/G - March 2024

TRACK LEVEL - WEST OF YORK ST (AREA A)

Track Level

- Mechanical Room 4
 - Excavation and installation of lock block support of excavation in progress
- Secant wall pile shaving to start in mid/late April
 - Potential noise and vibration impacts to York West Teamway and 18 York Street

Next steps: further excavation following pile shaving

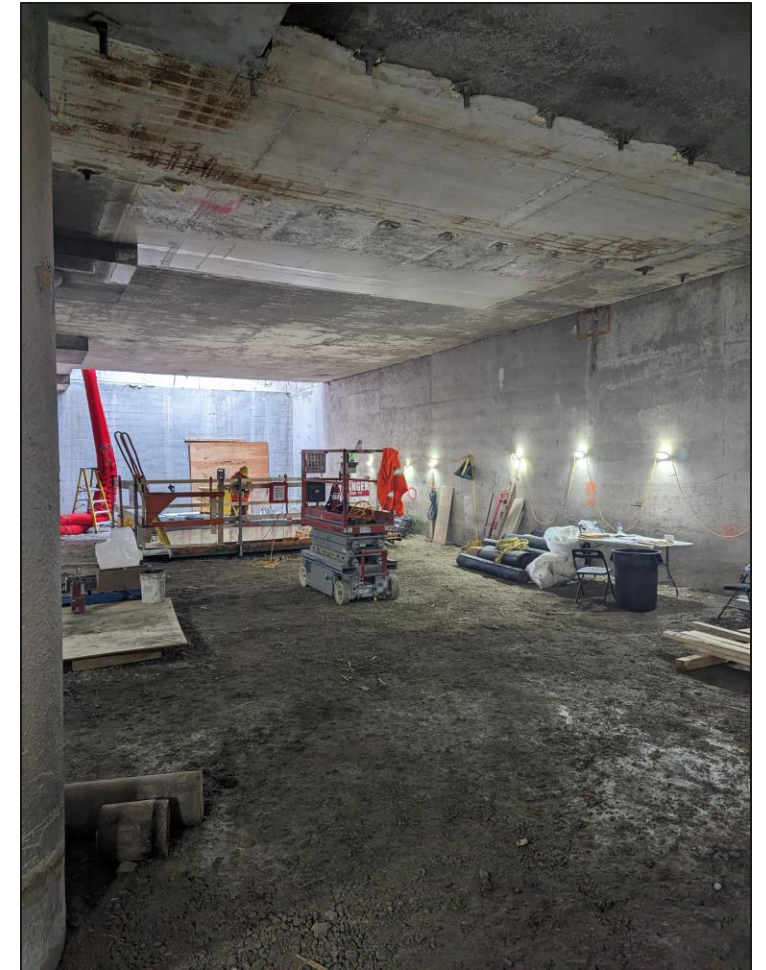
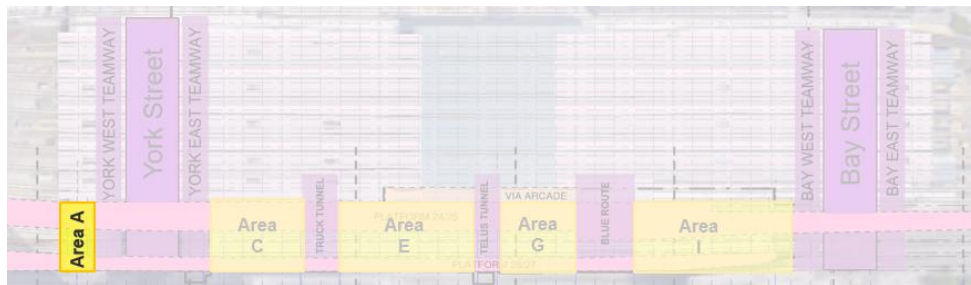


Photo: York West Teamway (behind OTA hoarding)



TRACK LEVEL - EAST OF YORK ST (AREA B)

Enwave

- Preparation for Enwave
 - Waterproofing and reinforcement of the condensate pit is ongoing
- Anticipated start of Enwave scope of work: June, 2024
 - OTA to review work plan with Quadreal

York East Teamway

- Column protection installed
- Demolition of abutment underway
 - **Next Steps:** wire sawing and chipping of the south abutment wall (anticipated start in May, may lead to vibration and noise impacts)

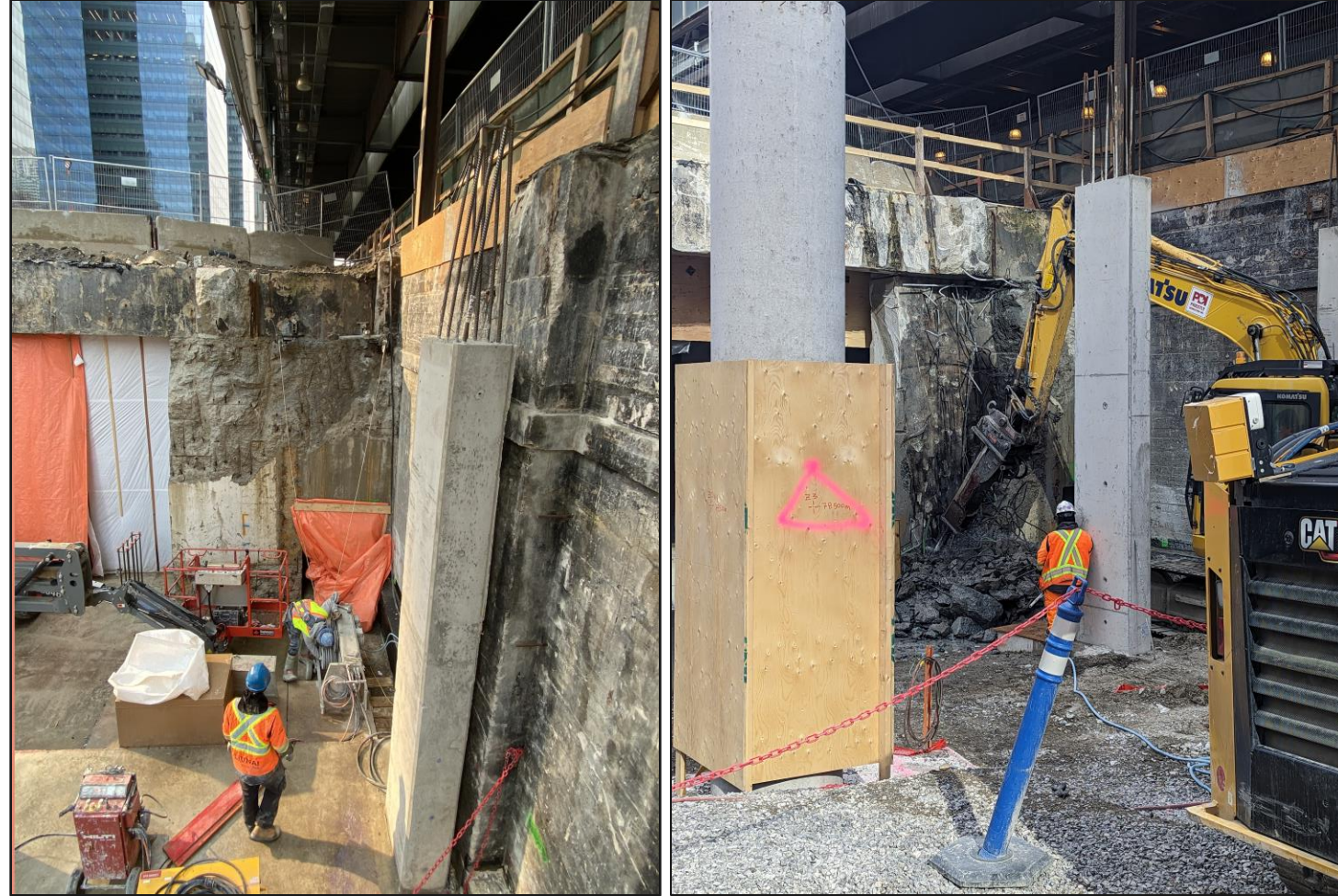


Photo: York East Teamway - Abutment Wall Demo

TRACK LEVEL - EAST OF YORK ST (AREA C)

South side

- Backfilling, column and wall installation ongoing
- Pile cap installations is ongoing

North side

- Backfilling and fine grading ongoing
- Methane and sanitary pipe installations ongoing

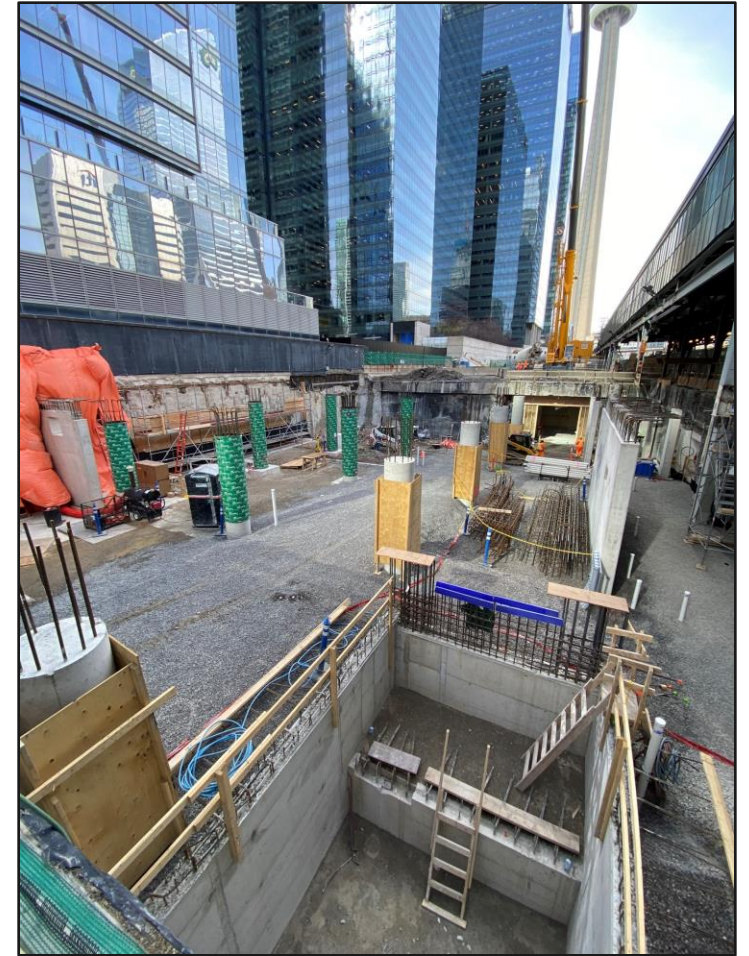
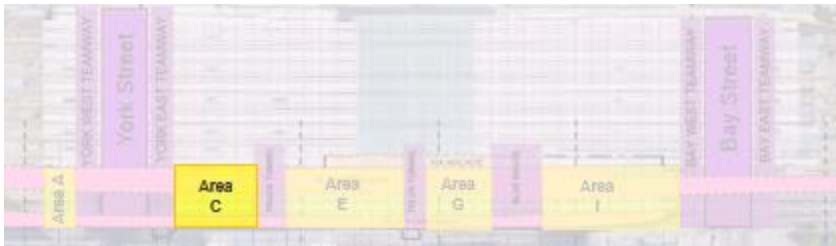


Photo: Area C – Column protection and formwork

TRUCK TUNNEL (AREA D)

- Fire shutter door installed
- Demolition of the north beam completed
- Next truck tunnel closure activities:
 - Double tee installation on March 17th
 - Stair installation on west wall to be completed during night shifts (starting 4pm, Monday - Friday, Dates TBC)

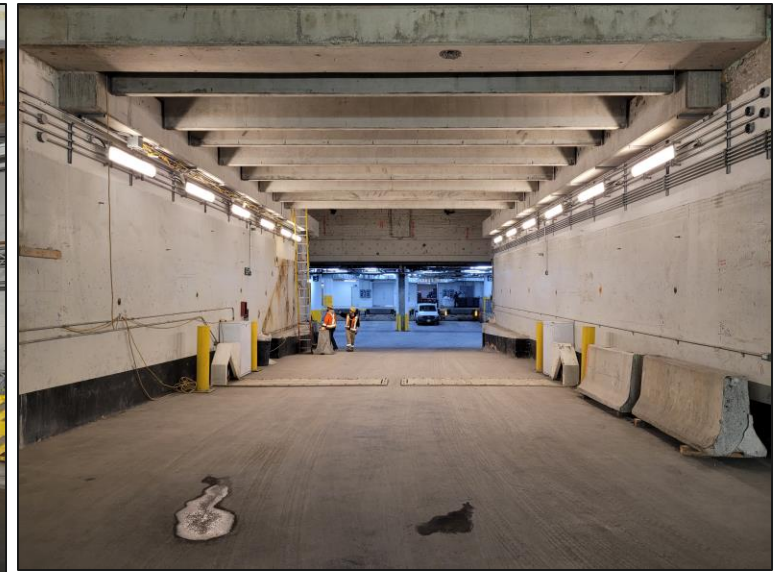
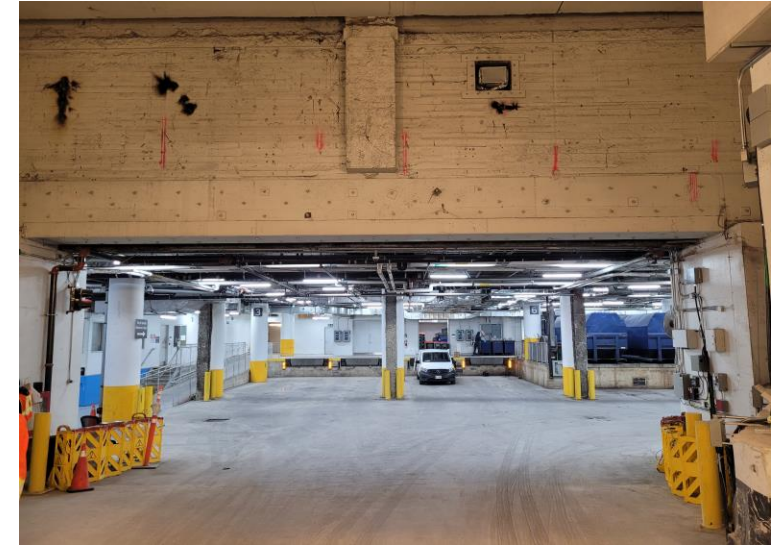


Photo: Truck Tunnel – before and after

TRACK LEVEL - AREA E

South side

- Building Mechanical Room 1
 - Stud installation complete
 - Waterproofing, mud mat installation, and grounding grid installations are ongoing

Next steps: formwork, concrete pouring at the south wall

North side

- Excavation and backfilling ongoing
 - Underground drainage installations

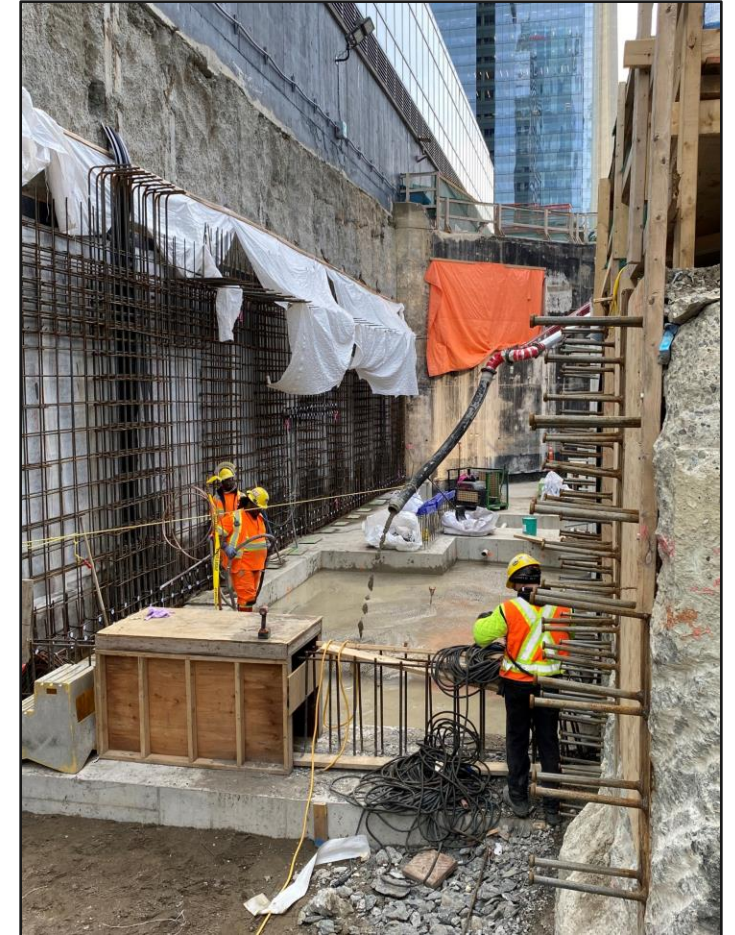


Photo: Area E Mechanical Room:
Mud mat installation

TRACK LEVEL - AREA F/G

South side

- Pile cap installations ongoing
 - **Next steps:** reinforcement and grounding installations
- Grade beam preparation work in ongoing on the south wall
 - **Next steps:** rebar work, concrete pouring

North side

- Micropile installations around atrium supports are complete
 - Additional Atrium support ongoing (grade beam installations)
- Demolition and excavations ongoing
 - Demolition and chipping of existing caissons ongoing

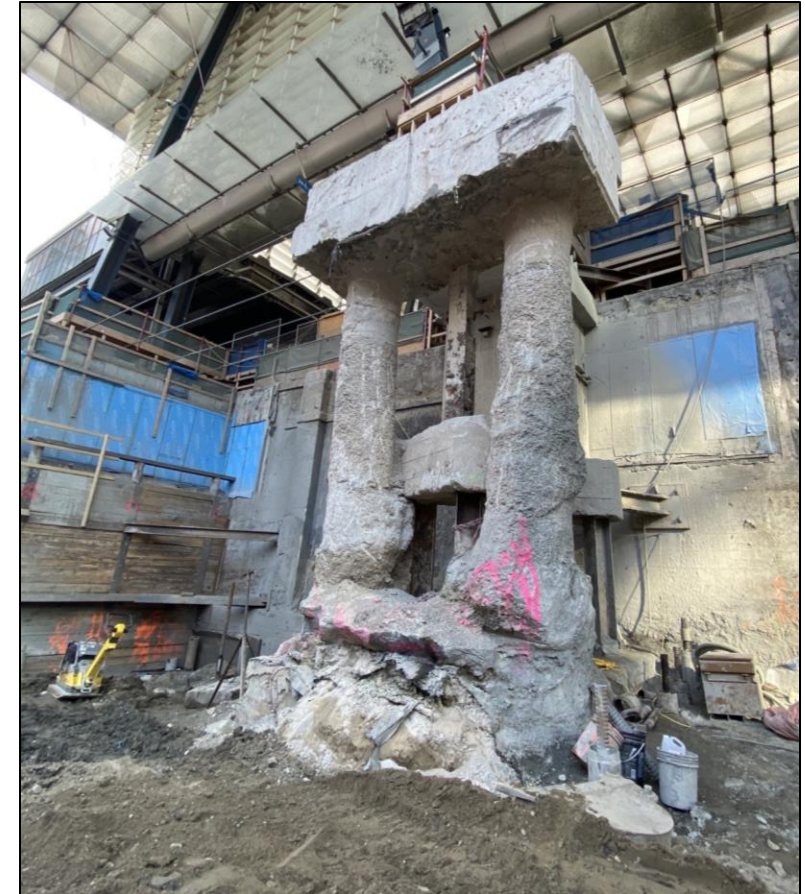


Photo: Area F/G Atrium Supports

TRACK LEVEL - AREA F/G

- Blue Route wall openings
 - Demolition of openings are **complete**
- Demolition of west wing wall of Blue Route
 - Chipping of wingwall to elevation 76 is ongoing
 - **Next steps:** excavation, support of excavation installations, and final demo of west wing wall in mid-April (phase 3)
- Electrical Relocations
 - Scheduling concrete pour to finish the floor
 - 120V relocation investigations ongoing
 - Additional investigations are needed

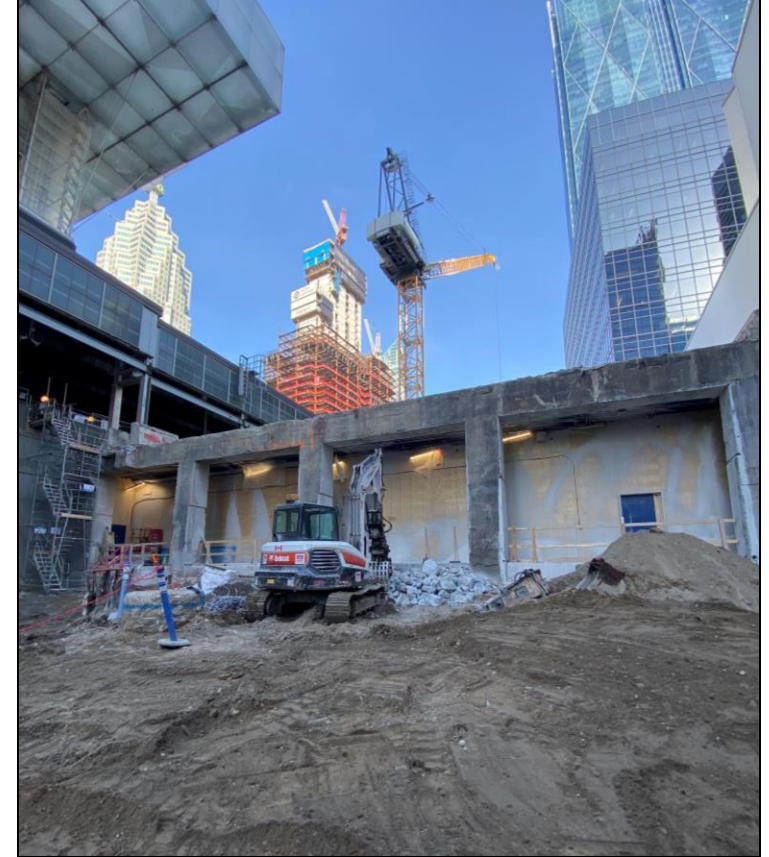


Photo: Blue Route openings on the West Wall

TRACK LEVEL - AREA I/J

Area I

- Demolition and excavation ongoing
 - Support of Excavation installation for deep foundation work ongoing
 - Tiebacks being installed to support lagging operation

Next steps: deep excavation to proceed once SOE installed

Area J

- **ONHOLD** - design development

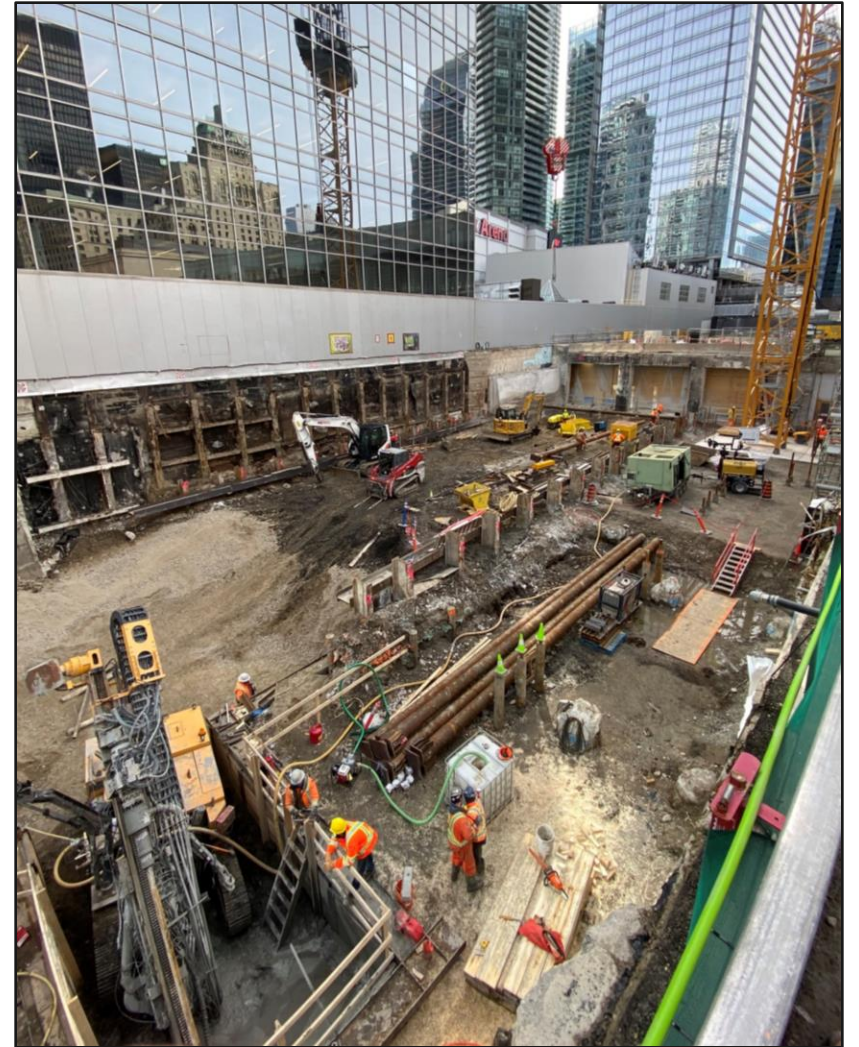
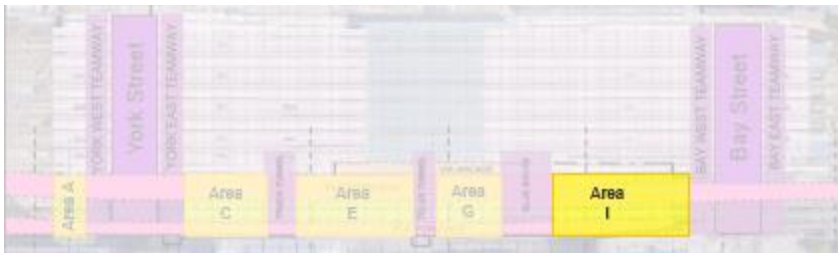


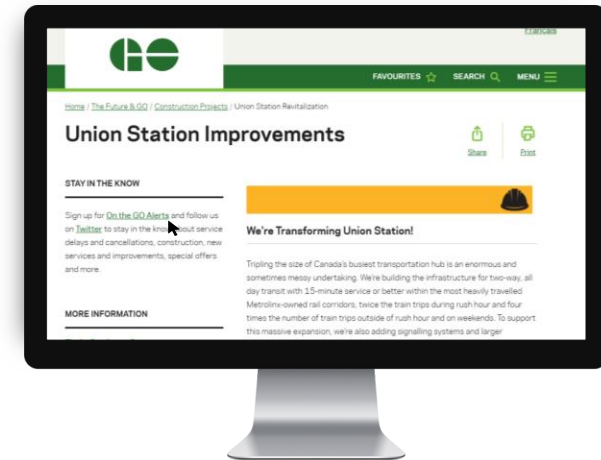
Photo: Area I - Support of Excavation Installation

CUSTOMER UPDATES

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No customer updates for the month of March.

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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