

Union Station Enhancement Project

Major Landowners / Tenants Meeting

August 14 , 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

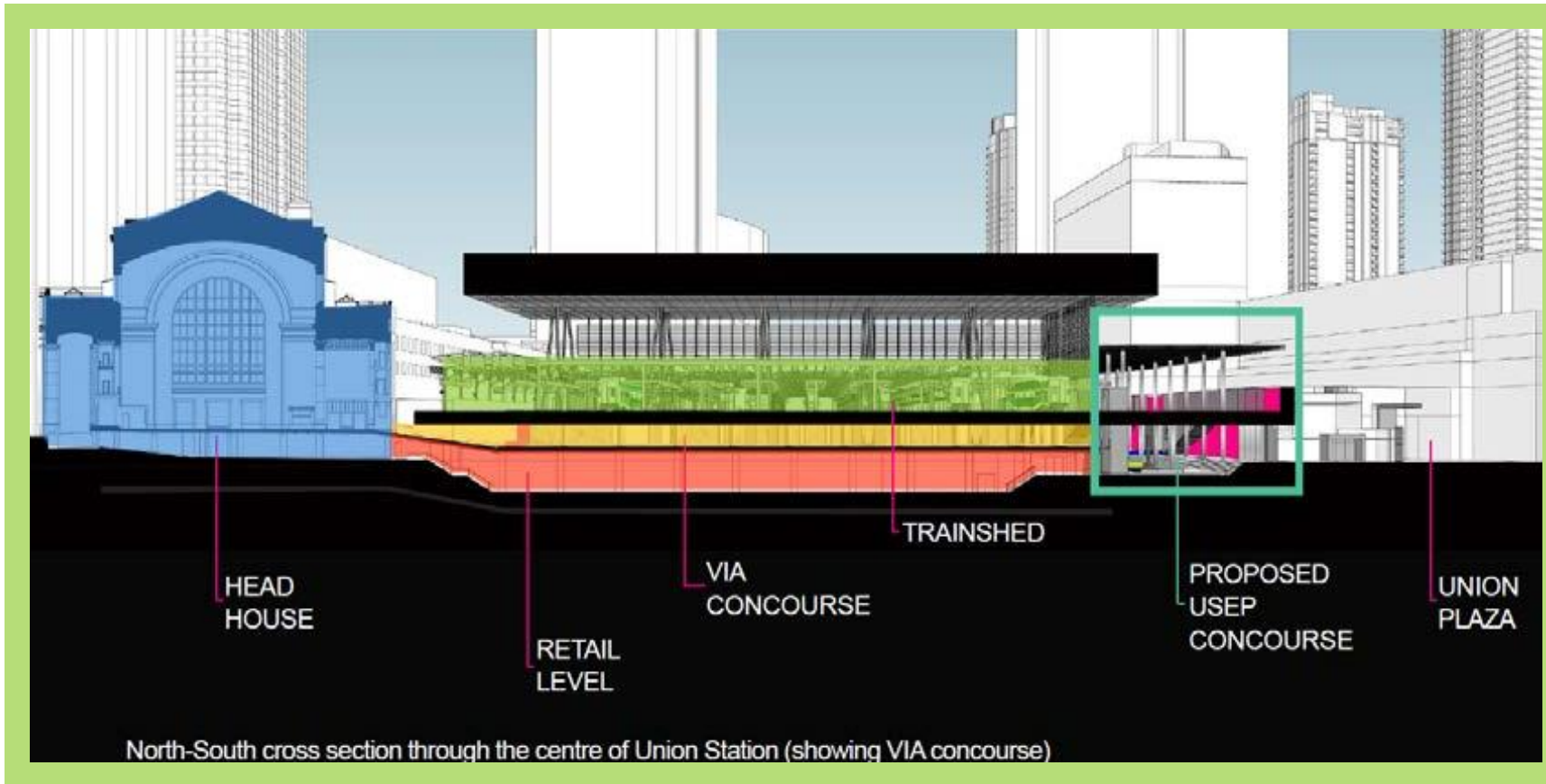
4 NEXT STEPS

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
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USEP PROJECT OVERVIEW

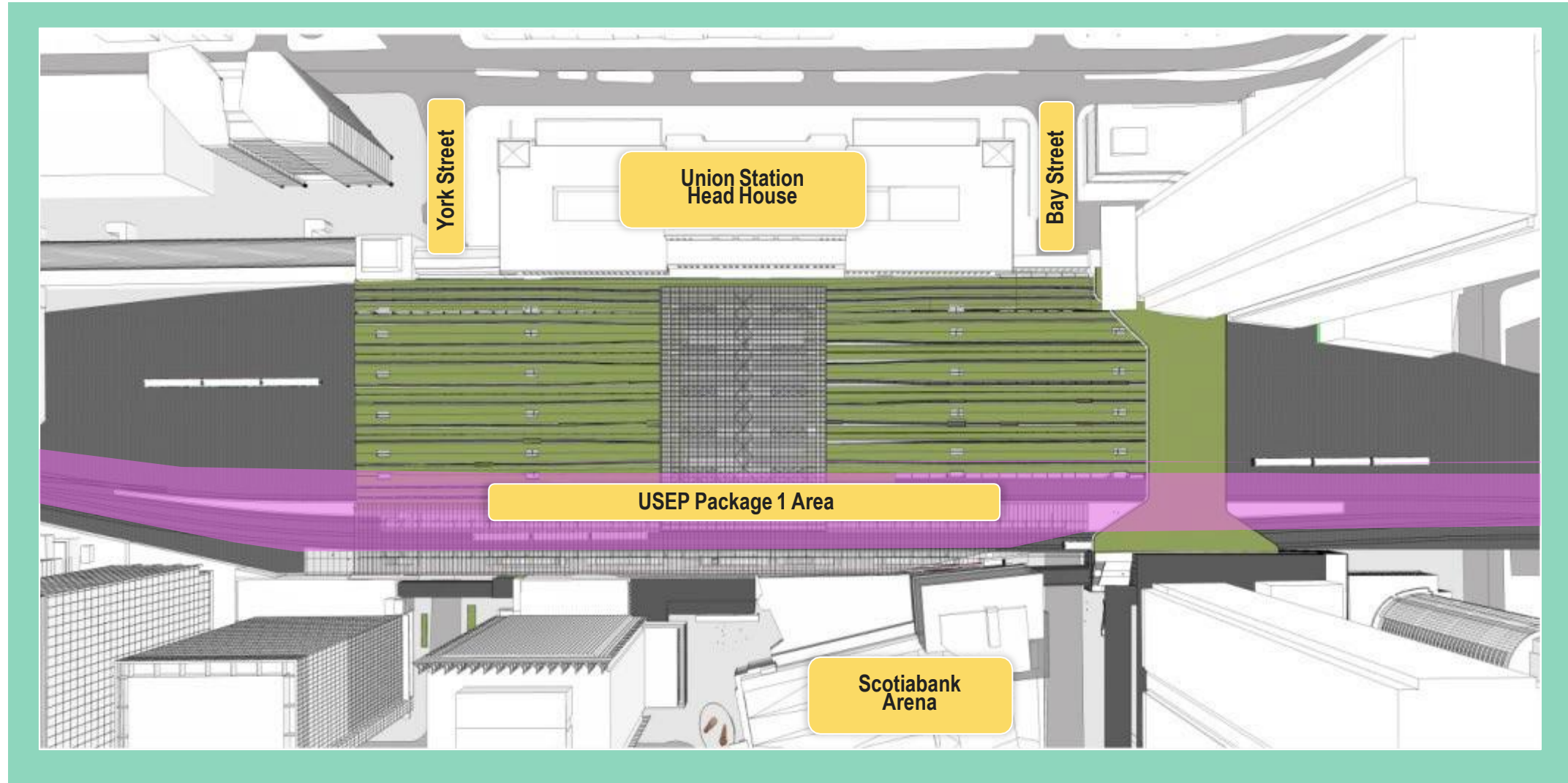
GO EXPANSION ENABLING WORKS



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) - August 2024

TRACK LEVEL - WEST OF YORK ST (AREA A)

Track Level

- Mechanical Room 4
 - Cap beam installation on secant wall
 - Rebar for the cap beam installation is underway
 - Concrete pouring for the cap beam is in progress, being completed in several layers

Next steps: Second layer of the cap beam concrete pour, once complete; excavation further to final grade

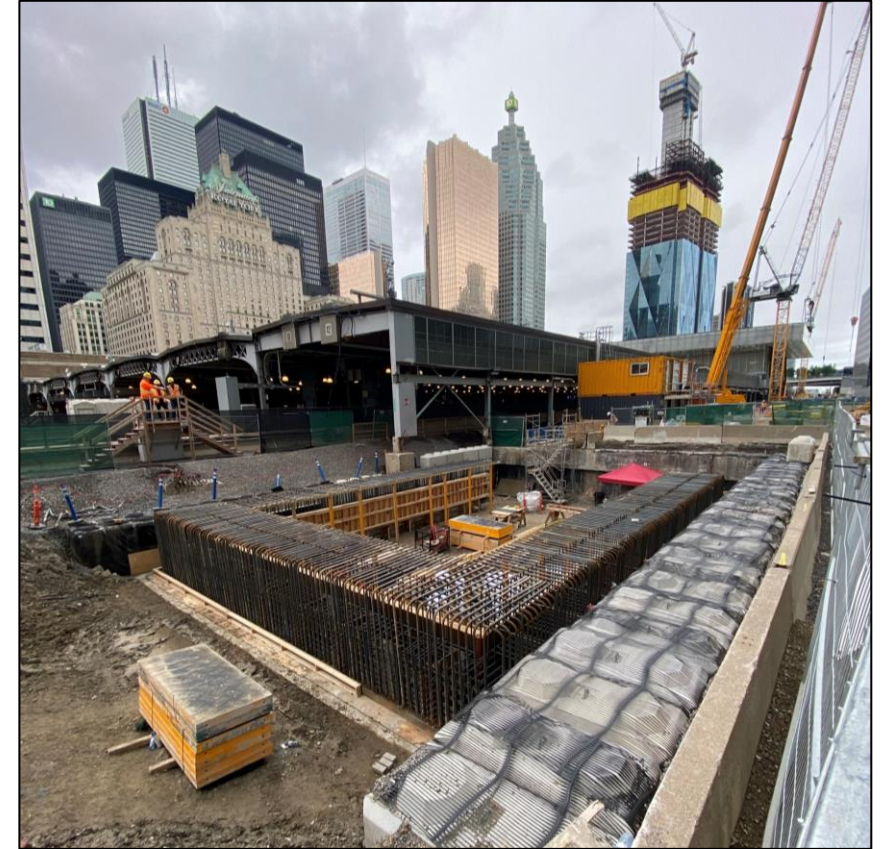
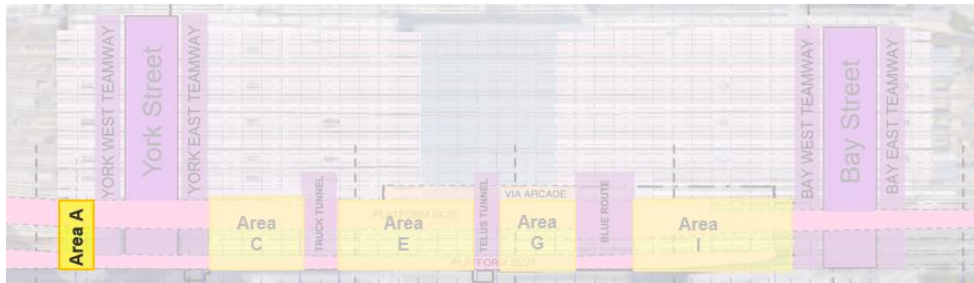


Photo: Rebar installation in preparation for the Cap Beam installation

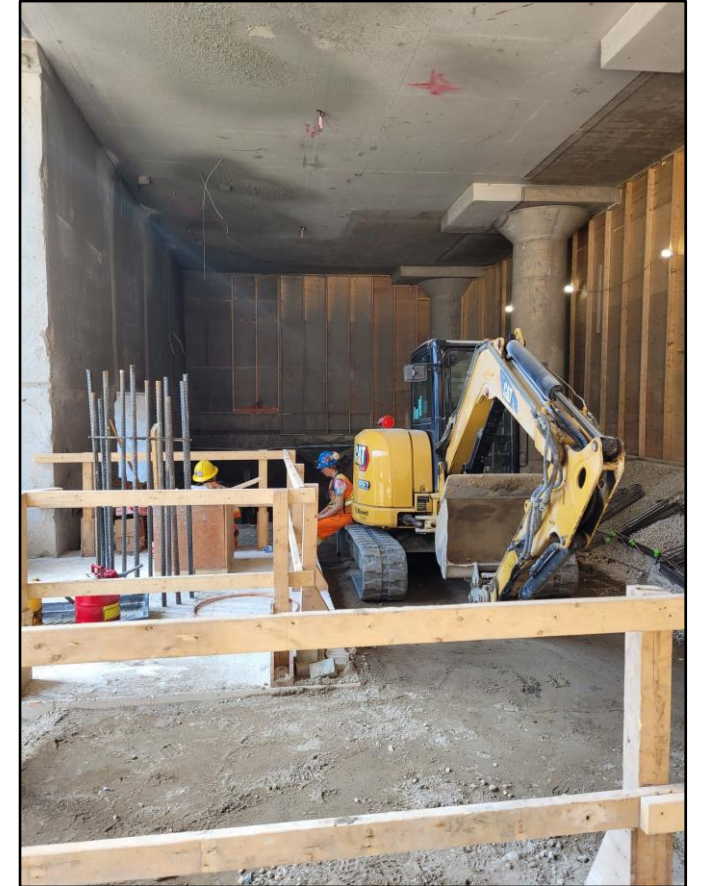
TRACK LEVEL - YORK STREET TEAMWAYS (AREA B)

York West Teamway

- Preparation for Enwave
 - Anticipated start of Enwave scope of work: 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
- Concourse Pour Prep
 - Electrical conduit installations and mechanical installations, and backfilling are ongoing
 - **Next steps:** backfilling, followed by vapor barrier, rebar and formwork installations

York East Teamway

- Pile cap installations
 - **Next step:** reinforcement and grounding installations leading up to the pile cap installation in mid August



Photos: York East Teamway behind OTA hoarding

TRACK LEVEL – EAST OF YORK ST (AREA C)

Concourse Pours

North-East

- Concrete pouring is complete

North West

- Methane piping and vapor barrier installations are ongoing
 - **Next steps:** Rebar and formwork installations, continued concrete pouring

South-East

- Concrete pouring is complete

South-West

- Excavation for grade beam installations and chipping of the York St. abutment

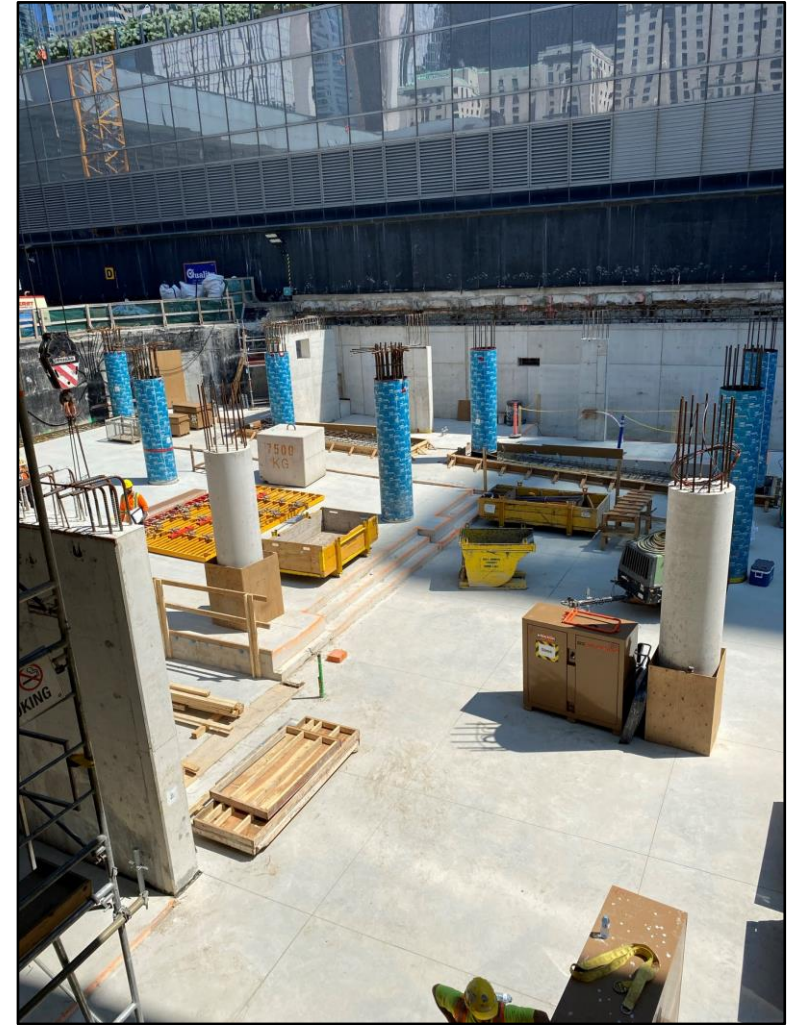
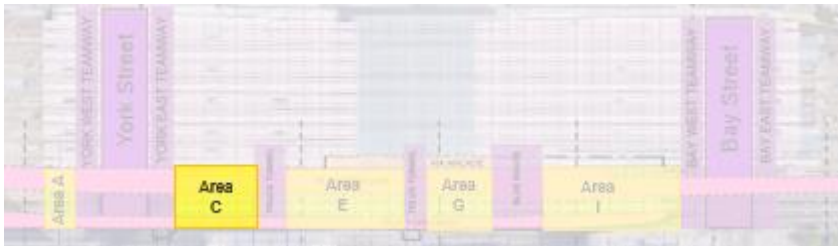


Photo: Area C – Newly poured concourse slab

TRUCK TUNNEL (AREA D)

- Fire Shutter Door 2 Installation
 - Schedule: TBD
- Truck Tunnel Roof Demolition
 - Anticipated start date of north flare demo: August 29th
 - Work hours: 5:00PM - 2:00AM
 - Work to be completed within OTA construction site

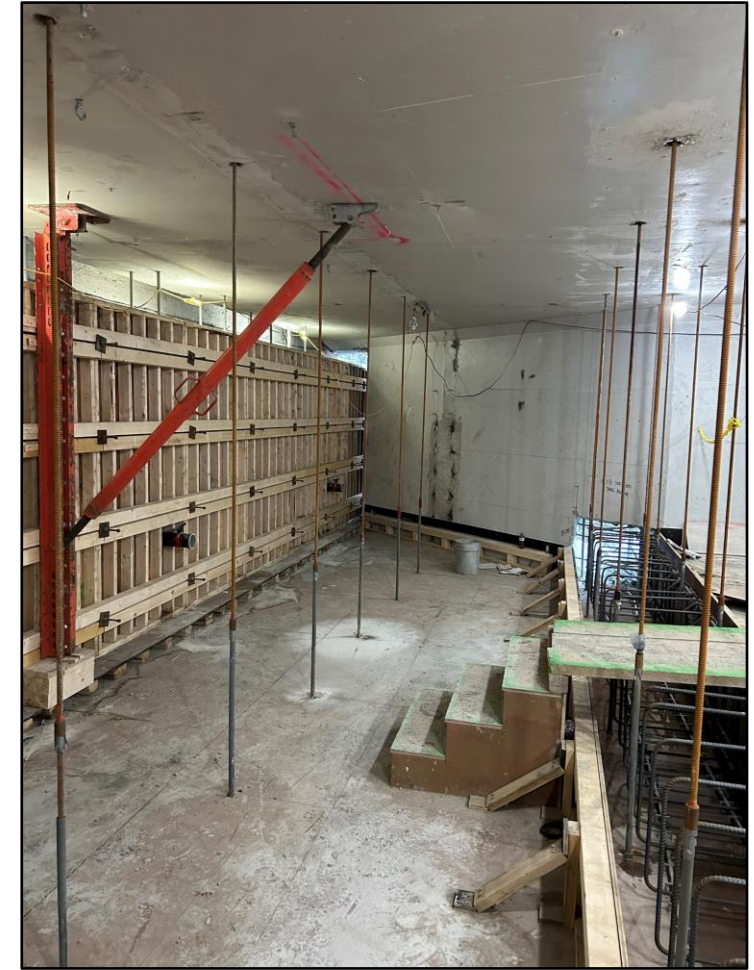
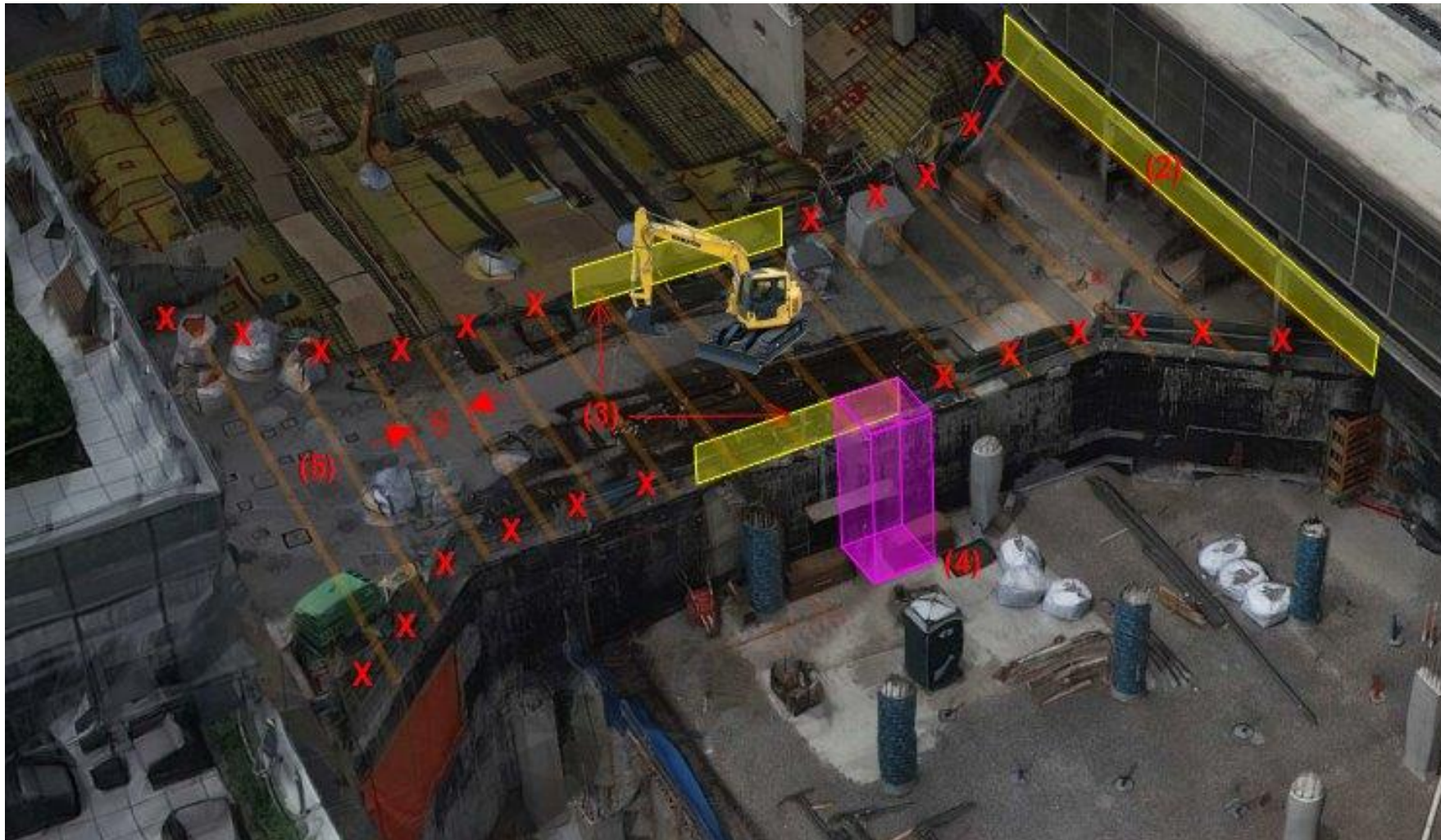


Photo: North beam formwork in OTA workspace above the truck tunnel

TRUCK TUNNEL (AREA D)



TRACK LEVEL - AREA E

South side

- Building Mechanical Room 1
 - Slab on grade pour complete
 - Rebar and formwork installations for the suspended slab is ongoing
 - Chipping is underway at the southwest corner as part of the truck tunnel demolition prep work
 - **Next steps:** Cap beam installation

North side

- Concrete pouring, rebar and formwork activities are underway
 - **Next steps:** Cap beam installation, backfilling, rebar and formwork

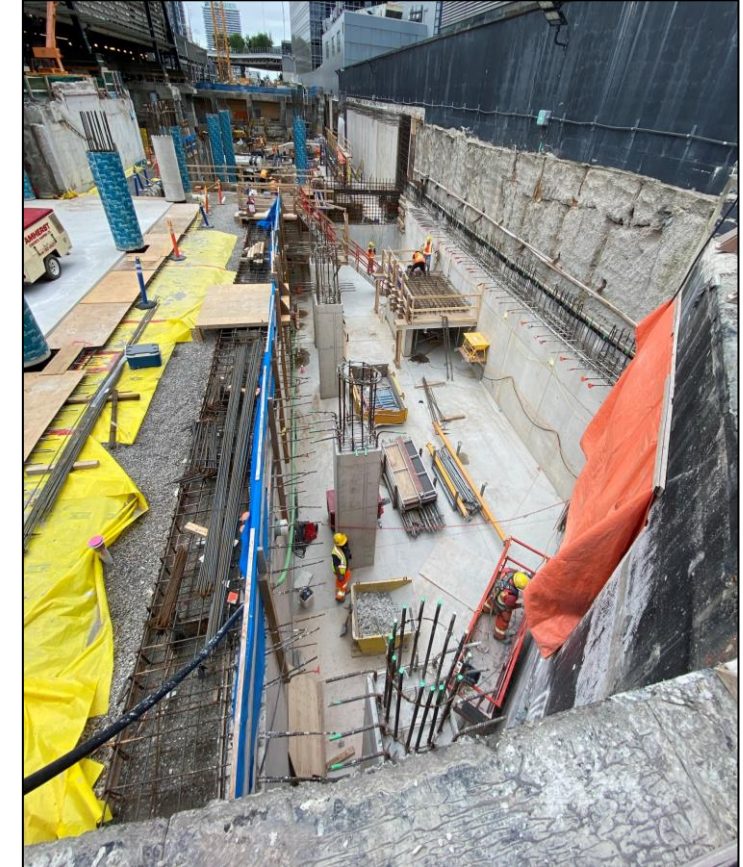


Photo: Area E Mechanical Room Progress (east facing)

TRACK LEVEL - AREAS F/G

South side

- Pile cap and grade beam installations and detailing are ongoing
- Caisson chipping is underway
- Rebar installations, formwork and concrete pouring are in progress

North side

- Demolition works underway
 - Handchipping of existing caissons to final elevation
- Pile cap installations are ongoing incl. excavation for future pile caps and SOE installations
- Duct bank installation leading into Mechanical Room 2 is in progress
- **Mechanical Room 2**
 - Column installations, duct bank installations, and trenching for sanitary installations are ongoing
 - **Next steps:** Methane and electrical installations, concrete pouring, then backfilling

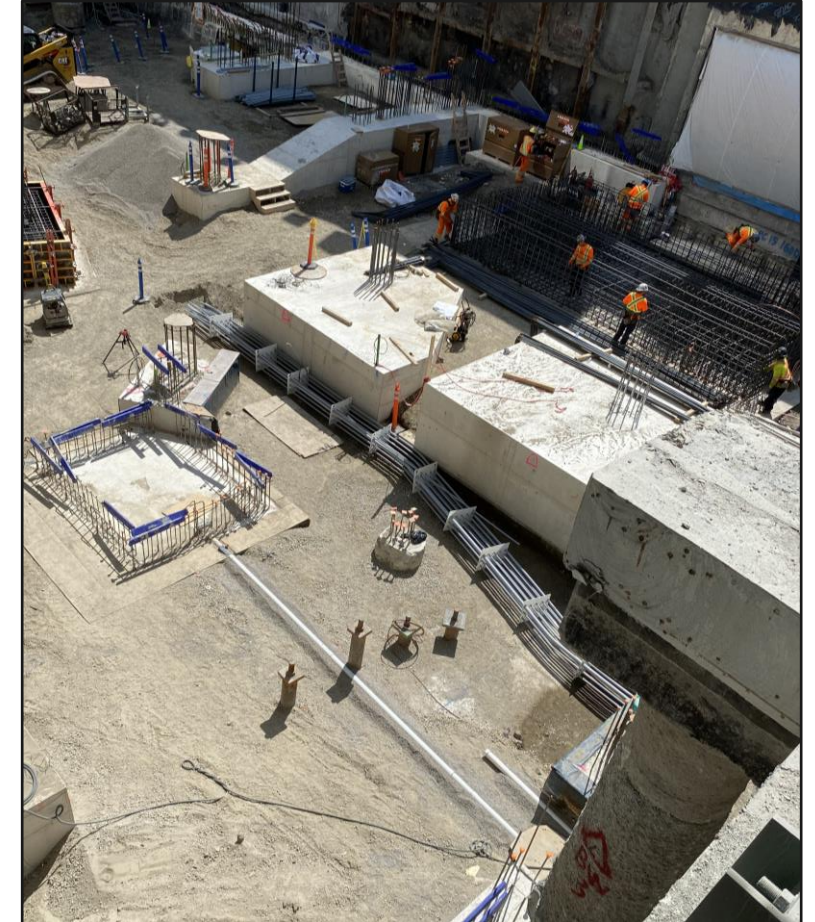


Photo: Area F/G - South wall - duct bank installation

TRACK LEVEL - AREA F/G

- Electrical Relocations
 - 120V relocation investigations - late August
- Manhole investigations on Bay St. is on hold - further investigations are underway
 - Scotia Bank Galleria manhole investigation proposed schedule: Friday, Sep 13 - Sunday, Sep 15
- Blue Route Investigations
 - Design and work plan discussions + site walks with stakeholders

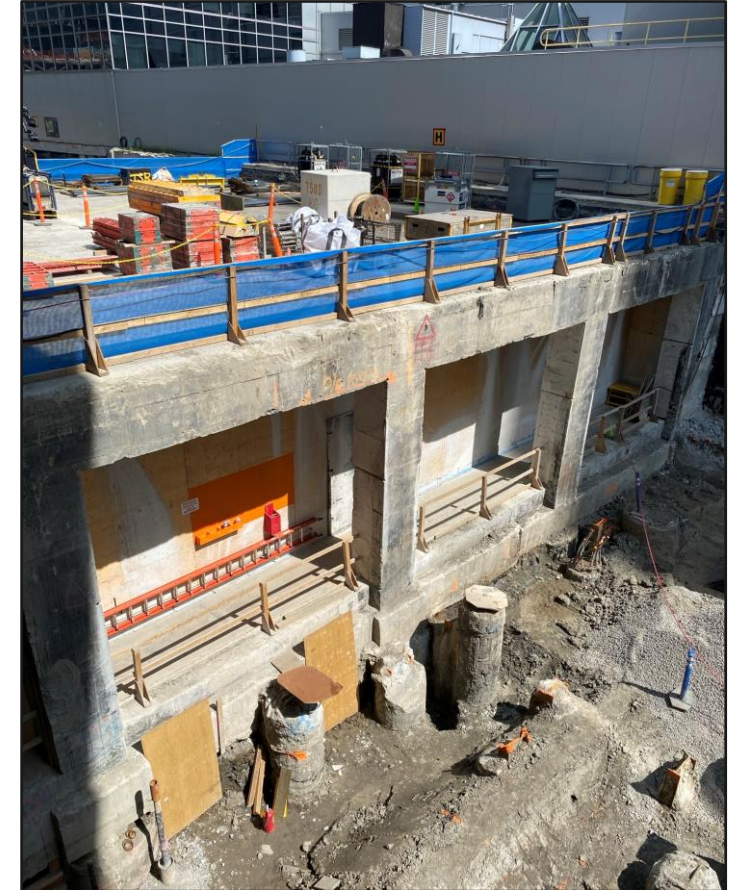


Photo: Blue Route openings on the West Wall

TRACK LEVEL - AREA I/J

Area I

North side:

- Micropile and pile cap detailing are in progress

South side:

- Support of excavation installations and deep excavation is ongoing
- Wingwall demolition (southwest corner) is complete and postal tunnel footing demolition is ongoing
- Archaeological investigations are cleared for removal
- Tiebacks on the west side are underway

Area J

- Grade beam installation is complete and shoring installations at the Bay St Bridge is ongoing
 - **Next steps:** Demolition of the concrete abutment façade to begin this week, followed by wiresawing to create an opening

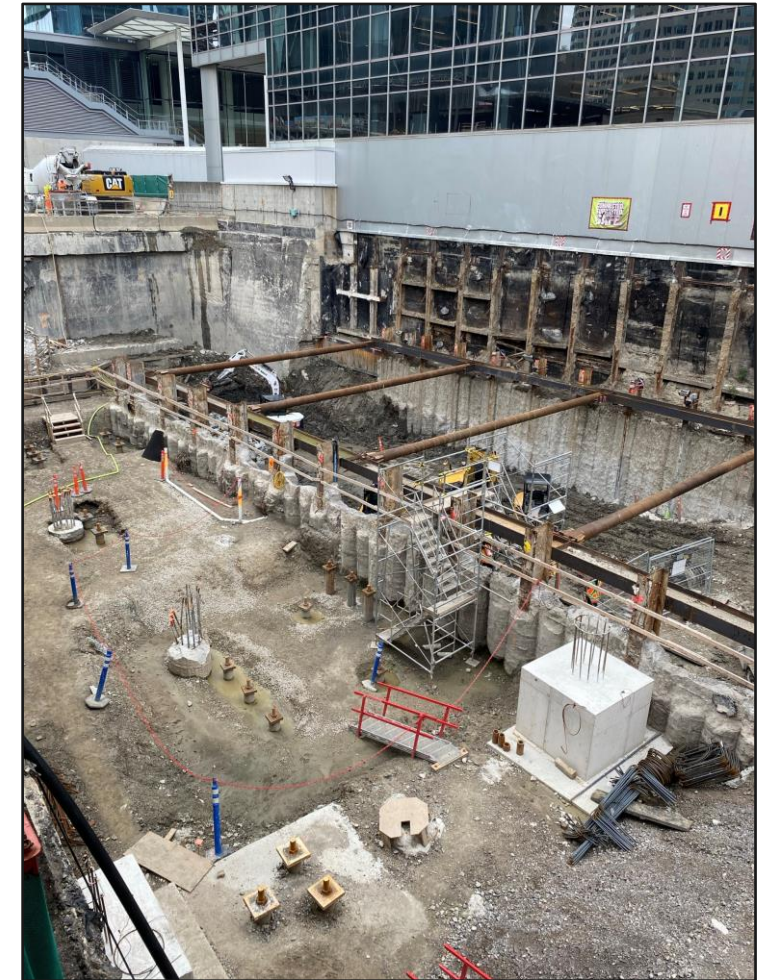
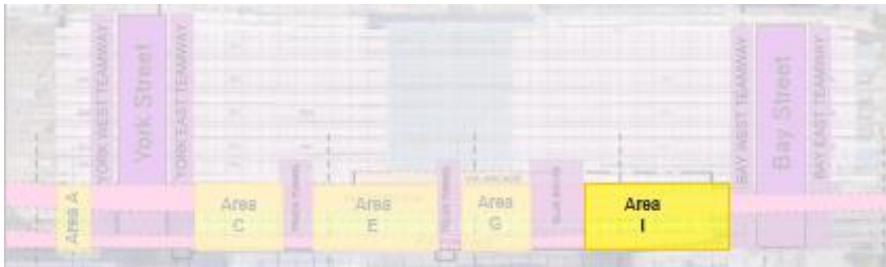


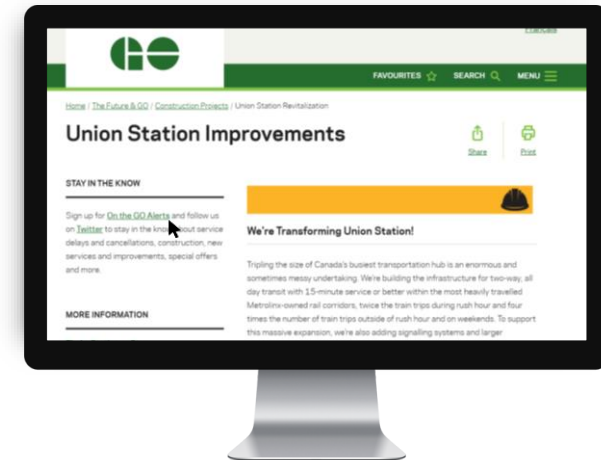
Photo: Area I:
Excavation in the south, pile cap work in the north

CUSTOMER UPDATES

CUSTOMER UPDATES

No customer updates for the month of August.

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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