



Eglinton Crosstown West Extension

Virtual Open House: Construction Update

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.

Safety moment

Construction for the ECWE project has expanded over the spring and summer of 2022, which means trucks, machinery, and equipment are now operating in many areas along the Eglinton Avenue West corridor.

Staff are trained to ensure the safe movement of vehicles and equipment in the area.

Everyone has a role in safety to play.

Please obey construction signage in the area and cross at designated crosswalks.

Exercise caution while traveling and commuting in the area.



CAUTION!

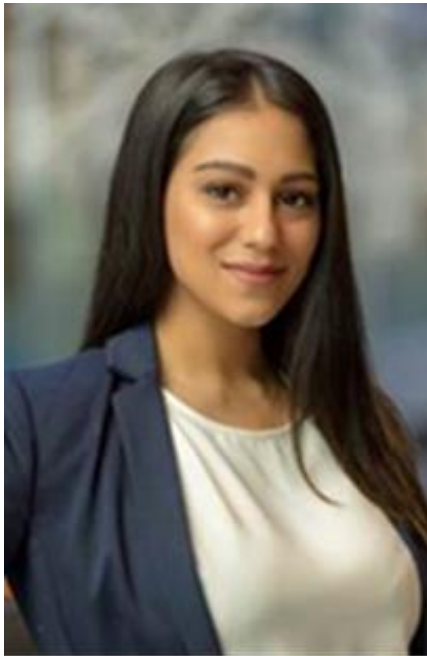
Construction equipment and vehicles passing through.



Stay alert while in our construction zone.

There's a lot going on while we build your new transit extension.

Introducing the Metrolinx project team



Aman Gill
Community Relations
Manager, ECWE



Nasir Qureshi
Senior Project
Manager, ECWE



David Panici
Project Sponsor, ECWE

Introducing the WestEnd Connectors project team



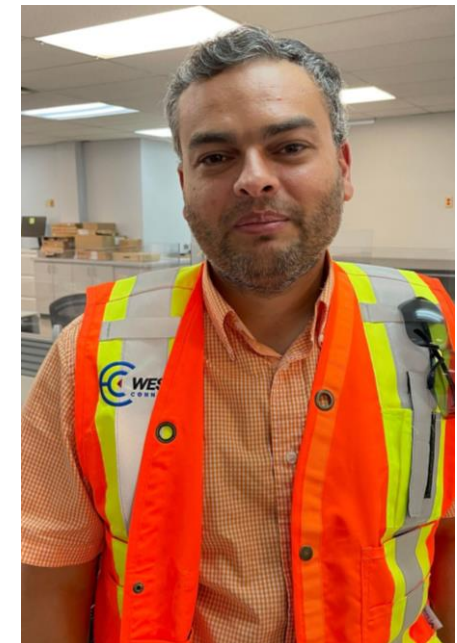
Fernando Triana
Project Director



Stephanie Chow
Communications &
Public Engagement
Lead

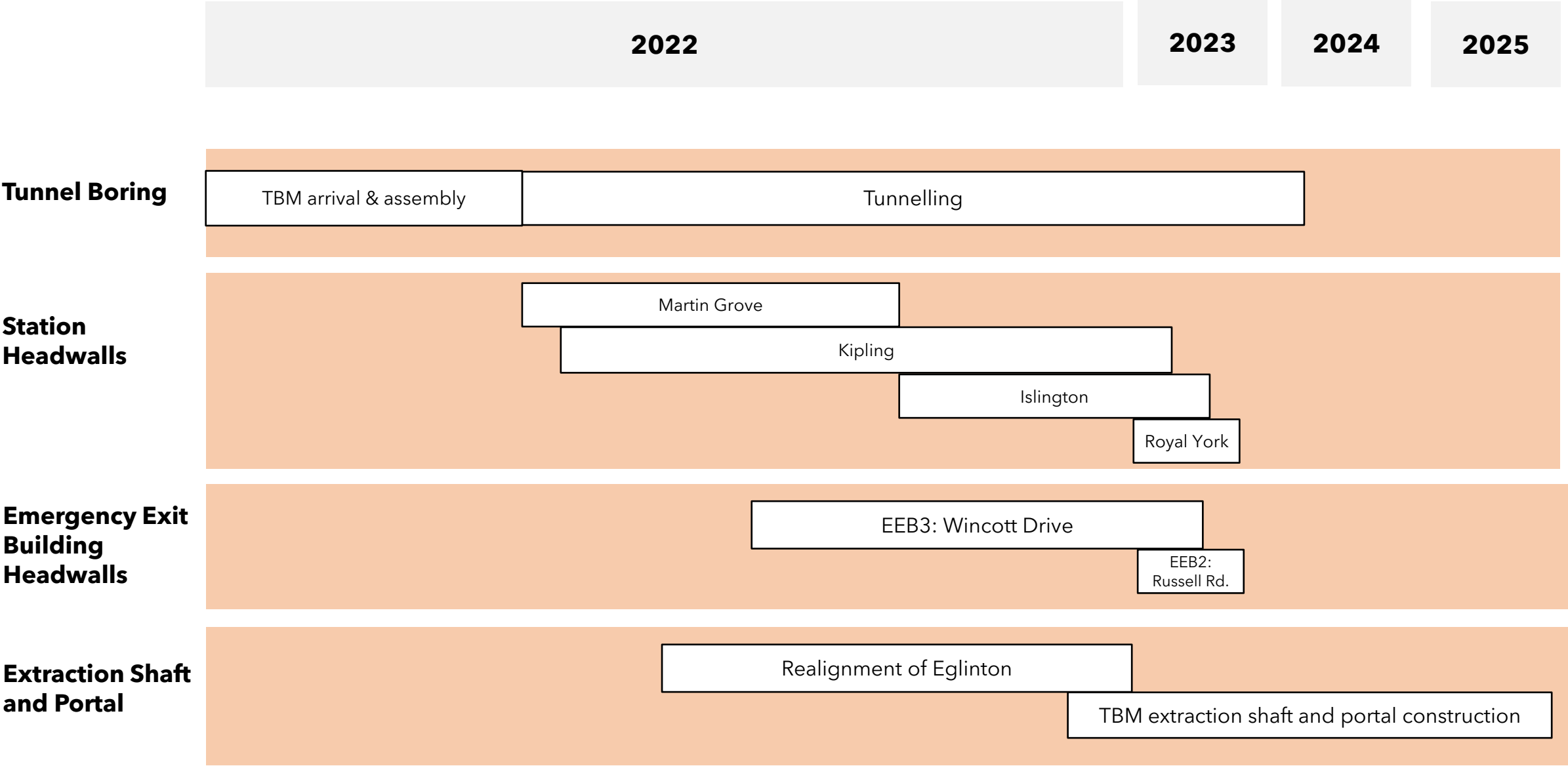


Hayat Muhammad
Traffic Manager



Yuri Andrade
Construction Manager

Renforth to Scarlett tunnel timeline



Construction update

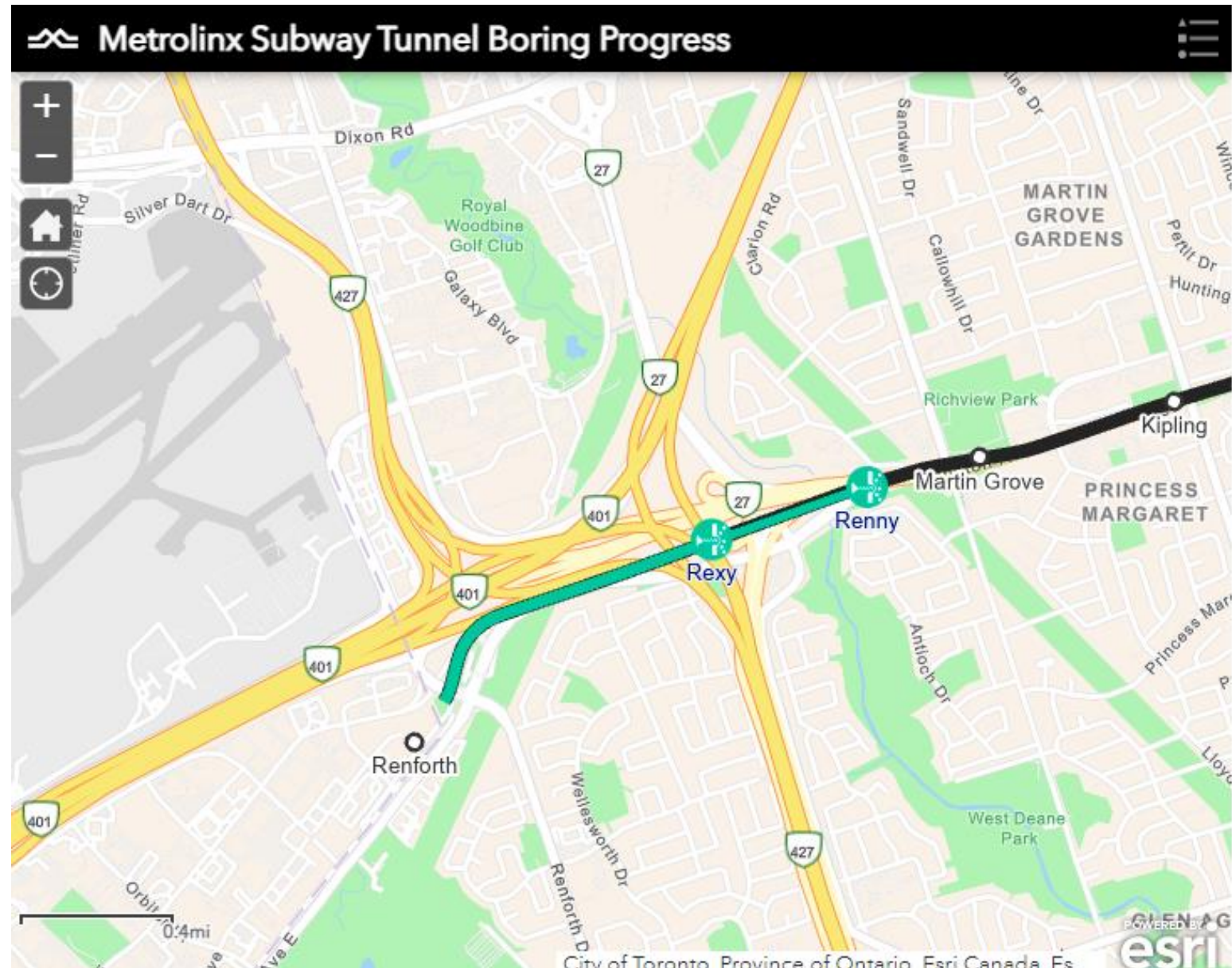


Tunnelling update

Where are Renny and Rexy, the two tunnel boring machines (TBMs) now?

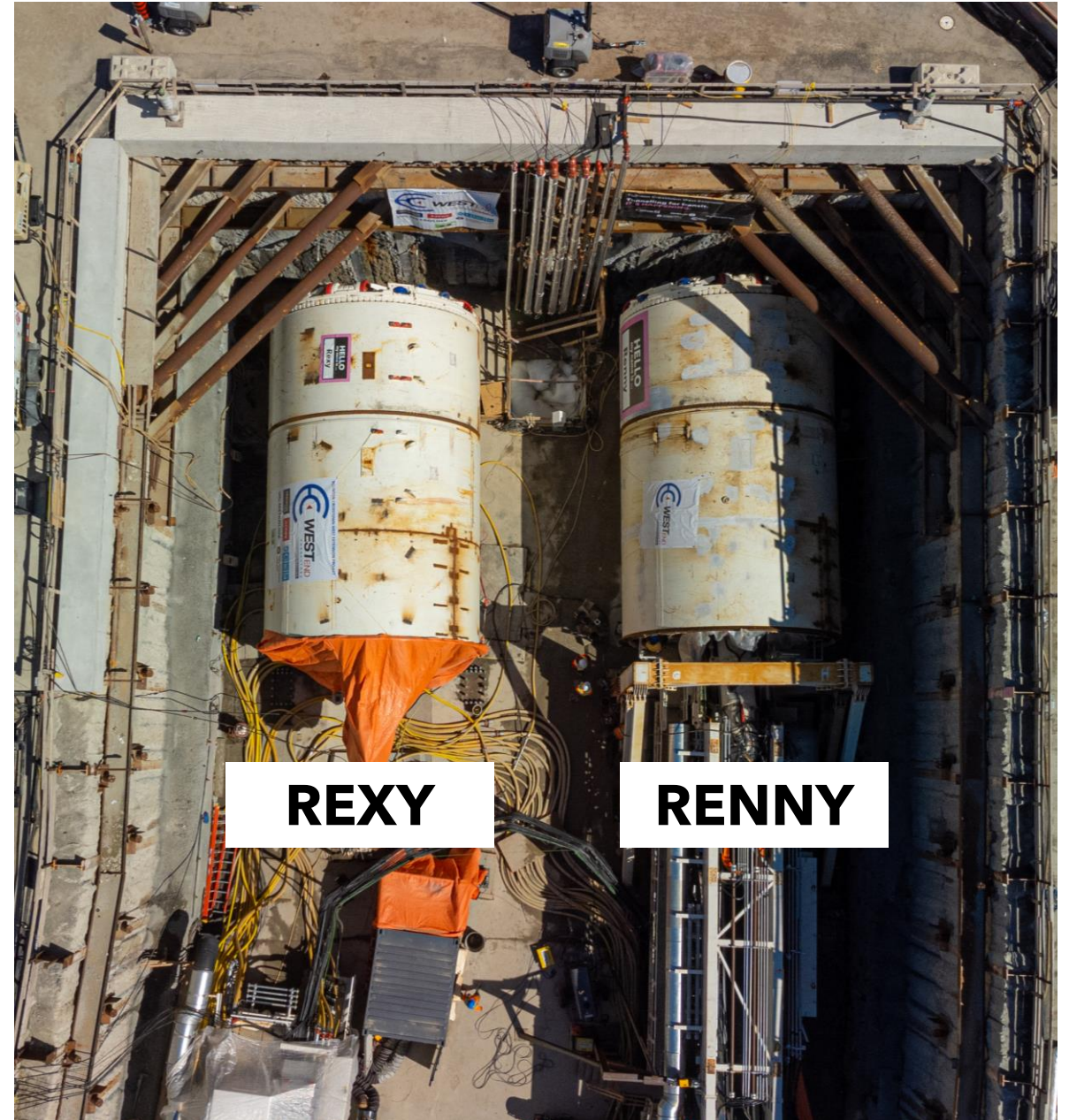
Last updated on October 31.

The TBM Tracker can be found on the project website and is updated every Friday.



TBM update

- Renny began excavation on April 11, Rexy started tunnelling on a parallel course on July 25, 2022.
- Major milestones reached on October 11, 2022:
 - Rexy hit a tunnelling milestone at 1,000 metres (1 kilometres)
 - Renny officially installed 1,000 concrete rings
 - Both TBMs installed a total of 47 rings
 - highest number of rings ever installed in one day!
- Renny is scheduled to pass through the first headwall at Martin Grove Rd in December 2022, followed closely by Rexy.
- Both TBMs will tunnel approximately 6 kilometers along the Eglinton Avenue West corridor before completing their journey at Scarlett Road in early 2024.



What to expect during tunnelling

- TBMs work beneath Eglinton Avenue West and operate Monday - Friday with occasional weekend work.
- The launch shaft area will be an active construction site until the project's completion in 2025.
- Residents and businesses in the area can expect to hear some noise during construction, but disruption will be minimal.
- Additional construction trucks will be present in the area during this work. The trucks/vehicles entering and exiting site sound similar to the TTC busses and sanitary trucks that frequent the area.

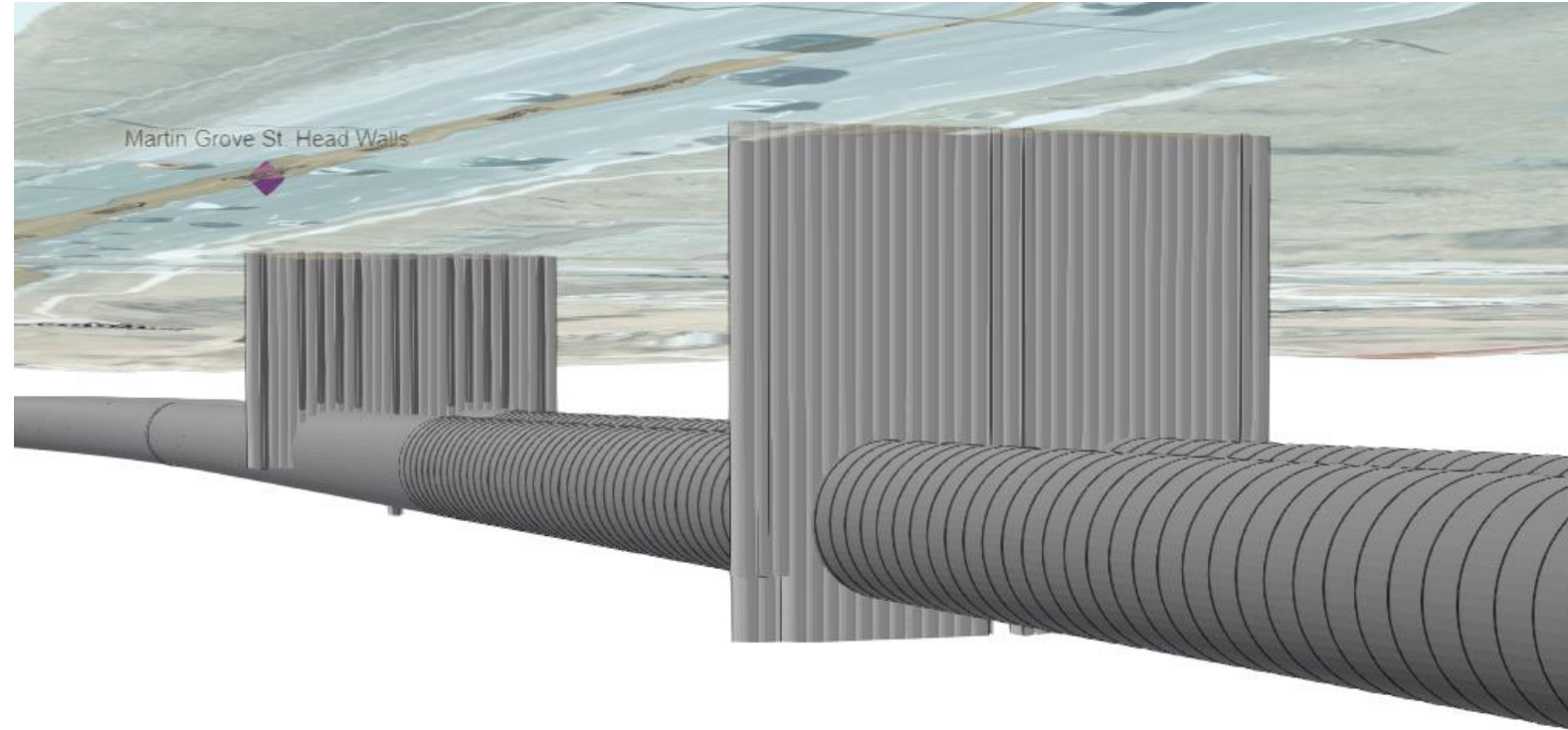


The launch shaft in August 2022

Headwall overview

What are headwalls?

- Headwalls are underground support walls located at the east and west ends of the station location.
- The TBMs bore through the headwalls, therefore crews must build them prior to the TBMs arriving at each site.
- There will be four underground stations (Martin Grove, Kipling, Islington and Royal York) and each will require two headwalls be built.
- There will also be headwalls constructed for two emergency exit buildings – one between Kipling Ave and Islington Ave, the other between Islington Ave and Royal York Rd.



3D model of two headwalls

Martin Grove Rd. headwall

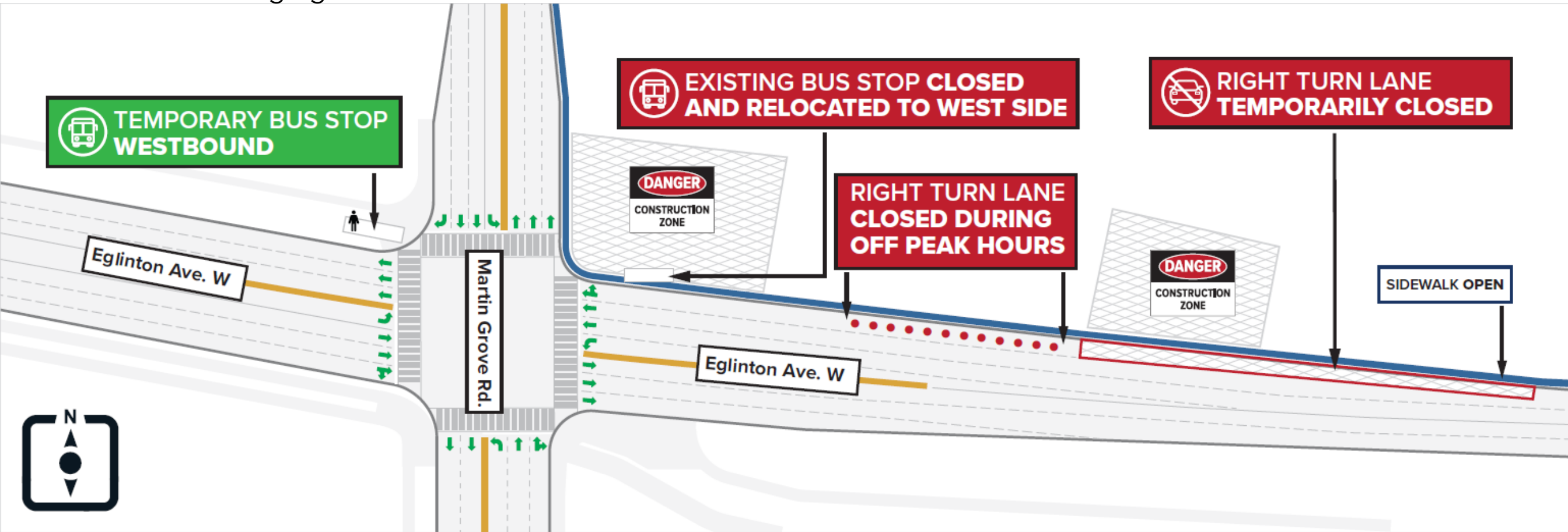
- Construction began in April 2022 and major works were completed by October 2022.



Martin Grove Rd. headwall

Current traffic staging:

Traffic map not to scale.



- The westbound north lane on Martin Grove will remain temporarily closed during off peak hours until the TBMs pass through. All other lanes will remain open.
- Westbound bus stop will be temporarily relocated to the northwest corner of the intersection.
- All sidewalks will remain open.

Kipling Ave. headwall

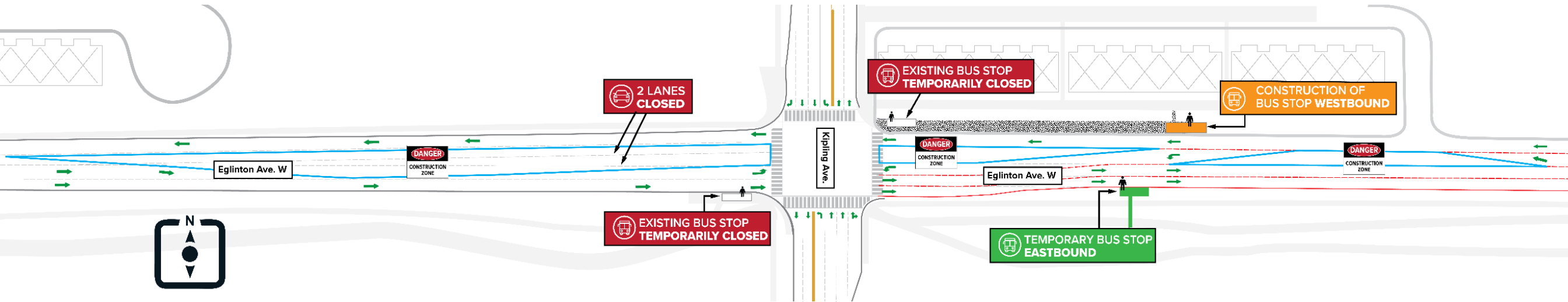
Construction began in May 2022 and scheduled to be complete by spring 2023.



Kipling Ave. headwall

Current traffic staging:

Traffic map not to scale.

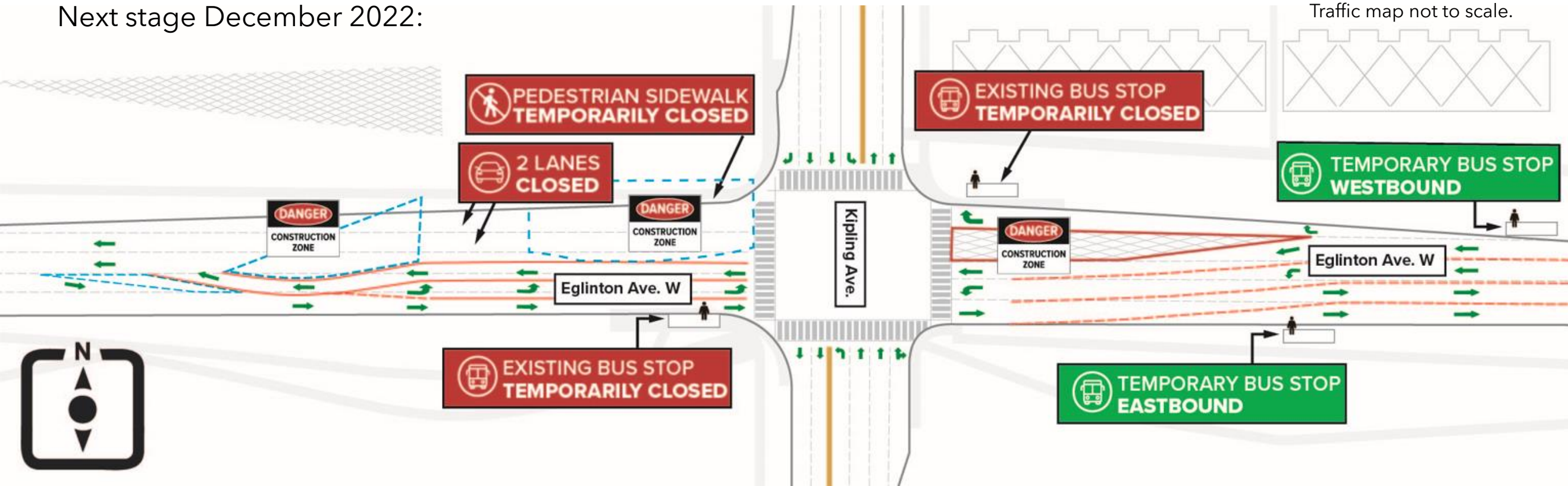


- Two lanes temporarily closed. One eastbound and one westbound lane remain open to traffic during construction.
- Traffic able to turn left and right at the intersection.
- The eastbound bus stop still temporarily relocated to the east side of the intersection.
- The westbound bus stop temporarily relocated 100m east of the intersection.
- All sidewalks remain open.

The closed lanes and construction areas at Kipling Ave. will interchange frequently. Please pay attention to traffic signage.

Kipling Ave. headwall

Next stage December 2022:



Changes from previous stage:

- Pedestrian sidewalk on north side temporarily closed.
- The two temporarily closed lanes are now located to the north of Eglinton Avenue West.

Consistent from previous stage:

- One eastbound and one westbound lane remain open to traffic during construction.
- Traffic able to turn left and right at the intersection.
- The eastbound bus stop still temporarily relocated to the east side of the intersection.
- The westbound bus stop temporarily relocated 100m east of the intersection.

Emergency Exit Building #3 (Wincott Drive)

Construction began in August 2022 and scheduled to be complete by spring 2023.

- Two north lane closures will be required in November 2022.
- One eastbound and one westbound lane will remain open to traffic during construction.



Islington Ave. headwall

Construction begins in November and is scheduled to be completed by spring 2023.

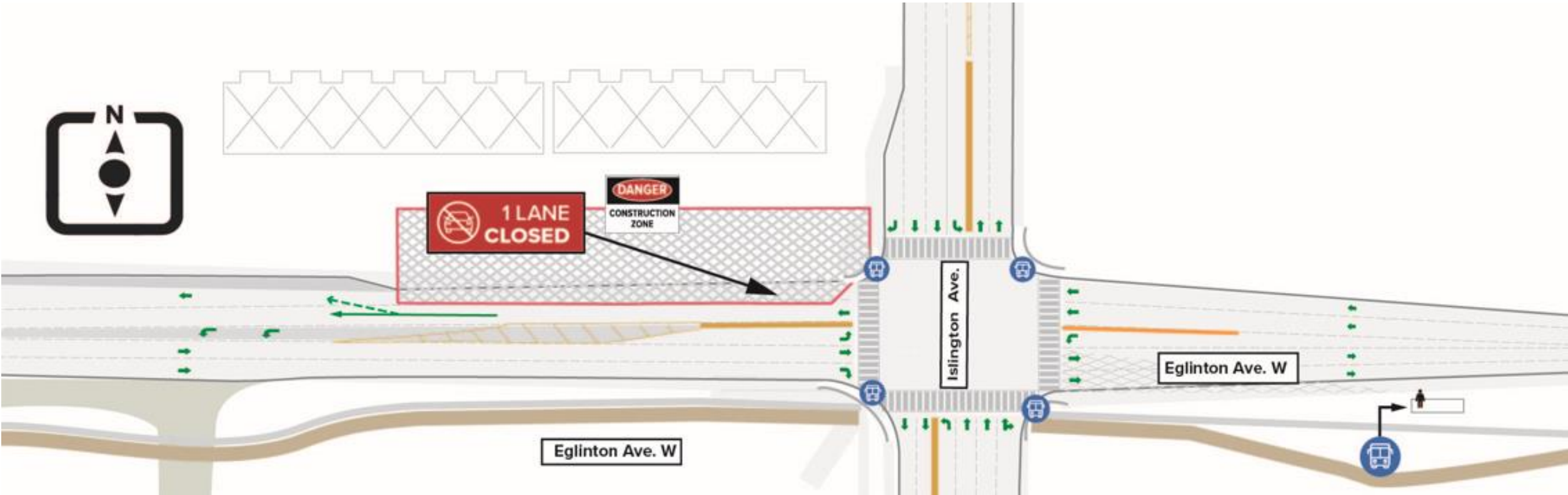
- Trees were removed in October 2022 ahead of this work.
- No lane closures will be required for the first stages of this construction.



Islington Ave. headwall

Anticipated traffic staging in January 2023:

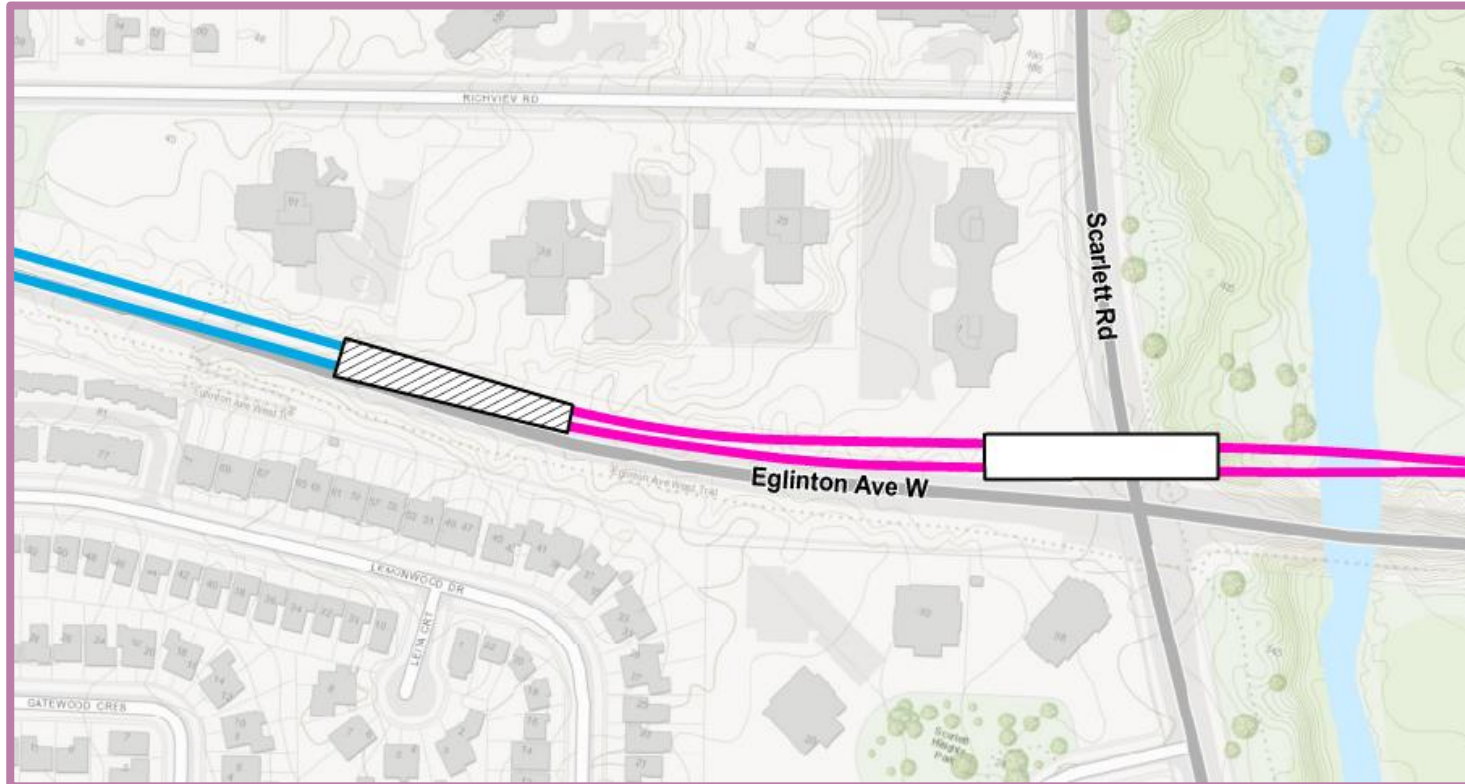
Traffic map not to scale.



- One westbound lane temporarily closed. All other lanes will remain open to traffic during construction.
- No bus stops will be impacted by this work.

Extraction shaft and portal

- The TBMs will finish digging west of Scarlett Rd. where they will be dismantled and removed from the ground through an extraction shaft.
- The shaft is also the portal for where the light rail vehicles transition between the tunnel and the elevated guideway.
- Construction for the extraction shaft/portal will begin in winter 2022. The TBMs will finish tunnelling and will be removed in 2024.



Crosstown LRT east portal (2021)

Realignment of Eglinton Ave. W

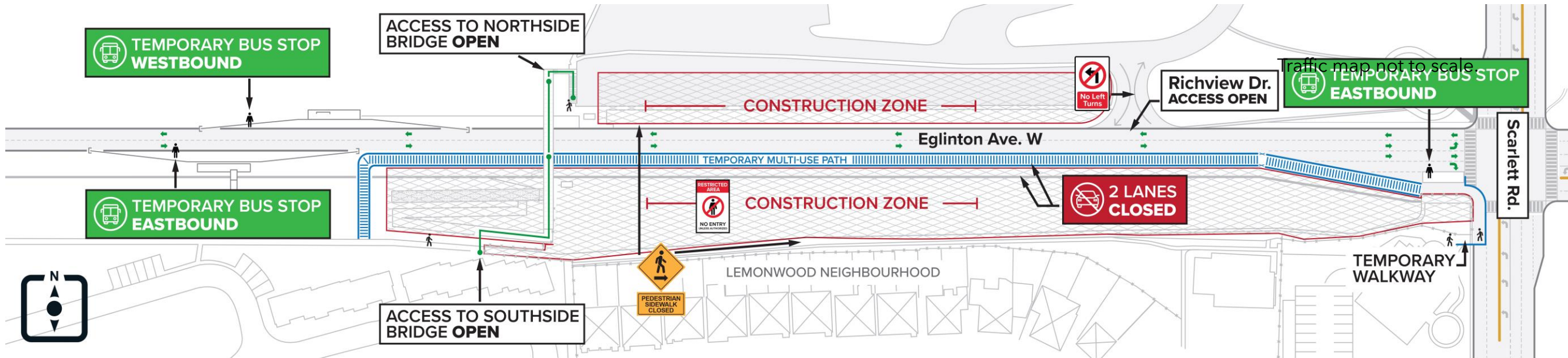
- To make room for the extraction shaft and portal, Eglinton Ave. W will shift to the south by approximately 10 metres (33 feet) between Scarlett Rd. and the pedestrian bridge.
- Construction for the realignment began in April 2022 and is expected to be completed in early 2023.
- The secondary driveway on the north side of Eglinton serving 25, 39 and 61 Richview Rd. will remain open during construction for the realignment and extraction shaft/portal.



Road diversions to support the realignment construction

Traffic staging as of spring 2022:

- Traffic lanes are reduced to two lanes (one eastbound lane and one westbound lane) along the construction zone.
- Vehicles restricted from turning left in and out of the Richview driveway during construction.
- The eastbound and westbound bus stops are temporarily relocated to approximately 100 feet west of the pedestrian bridge.
- The multi-use path on the south side of Eglinton Ave West is temporarily diverted to north of the construction site.
- The south pedestrian sidewalk is temporarily closed. Pedestrians can detour to the multi-use path.



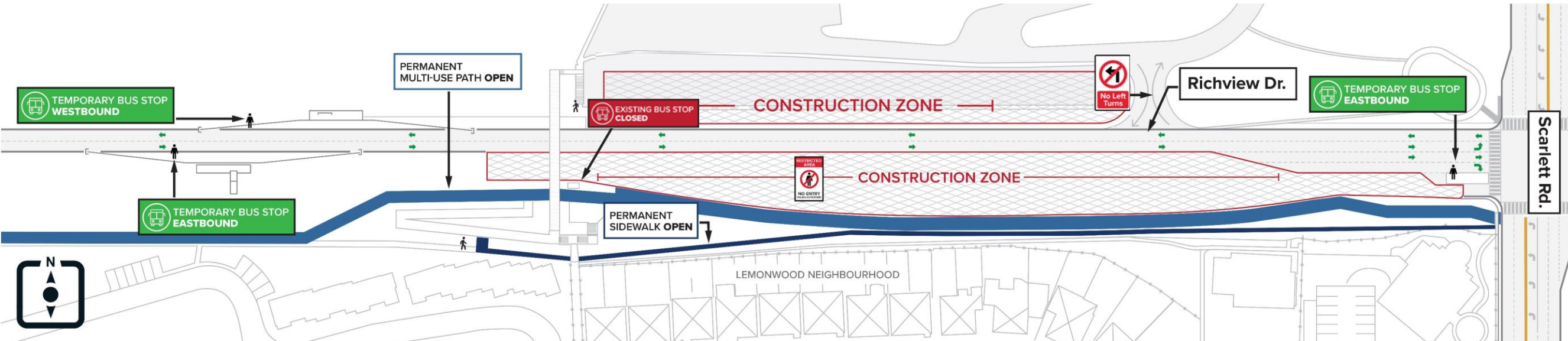
Pre-stage work for the future extraction shaft on the north side of the road began in late October.

- One pedestrian sidewalk will be closed during this work, but access to the pedestrian bridge will remain open at all times.

Road diversions to support the realignment construction

New traffic configuration in December 2022:

Traffic map not to scale.



- Traffic lanes will be reduced to two lanes (one eastbound lane and westbound lane) along construction zone.
- Three bus stops will be temporarily relocated.
- New permanent multi-use path and sidewalk will be opened to public on south side of Eglinton Avenue West
- No left turns in and out of Richview Driveway.

What to expect during construction work?

- Residents can expect to hear noise from construction equipment, drills, excavators and trucks.
- Lane reductions and pedestrian detours will be required to ensure everyone's safety. Further notification will be provided for every lane closure.
- Mitigations are being put in place to reduce dust, including the use of water sprays and biodegradable dust suppressants.
- We are working as quickly as possible to minimize the impact to the neighborhoods and residences in the Eglinton Avenue area.
- If you have any concerns, we are here to listen. Contact our 24/7 hotline: **416-202-8001**

Monitoring

- Noise, air and vibration monitors have been installed on the properties of residences, offices and commercial buildings in the vicinity of the construction.
- This equipment helps us measure and minimize noise and vibration throughout the project term to prioritize your safety and well-being.
- The project team will continually monitor the noise, air and vibration throughout the project term. There may be opportunities to add more monitors. Contact us to learn more: 416-202-8001

This is not a camera!

This is a total station, an automatic monitoring system that reads slope measurements and surface movements at specific points. As the TBMs tunnel across Eglinton Avenue West, the project team can read the data collected by these instruments to see if they have caused any surface or ground impacts as they pass.



Noise monitor



Air quality monitor



Vibration monitor



Public engagement

- Resident and commuter engagement, pop-up events, and canvassing have been conducted across the Eglinton Avenue West Corridor throughout 2021 and 2022.
- Community members and residents can provide feedback directly to the team and have project questions or concerns answered in person.

June 25, 2022: Richview Park



August 4, 2022: Fontenay Court



October 19, 2022: Parkland Retirement Home



Construction Liaison Committee (CLC)

The CLC is another form of public engagement to help bring more voices to discussions about the project.

The quarterly CLC meetings provide a forum for residents, businesses or other local parties who have an interest in construction activities to communicate and share concerns directly with project staff.

For more details on how to join the CLC, email us at **eglintonwest@metrolinx.com**.

August 21, 2022: Princess Gardens courtyard

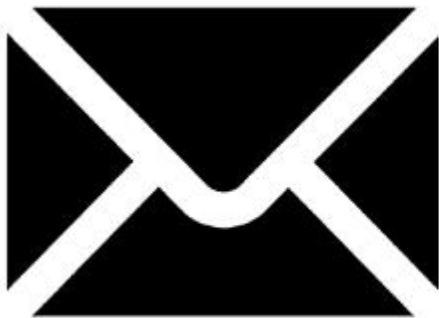


Contact us

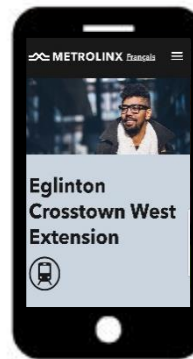
Your feedback is vital in helping us to move the ECWE forward in a way that strengthens the community. We are grateful for your input.

To stay up to date on upcoming events, pop-ups, and the latest ECWE news:

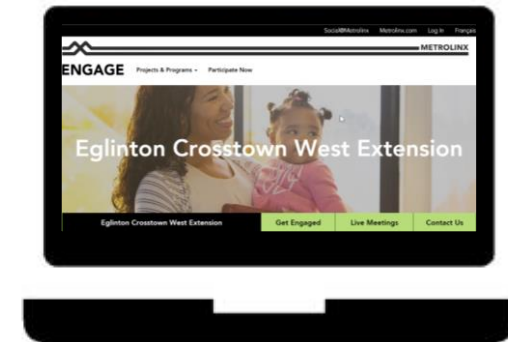
- Sign up for our e-newsletter at **[Metrolinx.com/eglintonwest](https://metrolinx.com/eglintonwest)**
- Visit our Twitter page at **[@EglintonWestEXT](https://twitter.com/EglintonWestEXT)**



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416-202-8001
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Questions?