

# **Eglinton Crosstown West Extension**

**Scarlett Rd. and Eglinton Ave. W.**

## Land acknowledgement

- Metrolinx acknowledges that it operates on the traditional territory of Indigenous Peoples including the Anishnabeg, the Haudenosaunee and the Wendat peoples.
- In particular these lands are covered by 20 Treaties, and we have a responsibility to recognize and value the rights of Indigenous Nations and Peoples and conduct business in a manner that is built on the foundation of trust, respect and collaboration.
- Metrolinx is committed to building meaningful relationships with Indigenous Peoples, and to working towards meaningful reconciliation with the original caretakers of this land.

## Safety moment

- Getting a booster dose of the COVID-19 vaccine offers extra protection against the Omicron variant.
- Anyone 18 years of age or older whose second dose was at least 84 days (three months) ago is eligible for a booster vaccine.
- Book yours as soon as you can at [Ontario.ca/bookvaccine](https://ontario.ca/bookvaccine), select pharmacies and primary care settings, or visit a pop-up clinic.



Help keep you and your loved ones healthy with the added protection of a COVID-19 booster dose



Together we can stop the spread and keep our communities safe.

# Introducing the project team



**David Panici**  
Project Sponsor,  
Metrolinx



**Maridalia Guerrero  
Pena**  
Project Manager,  
Metrolinx



**Fernando Triana**  
Project Director,  
West End Connectors



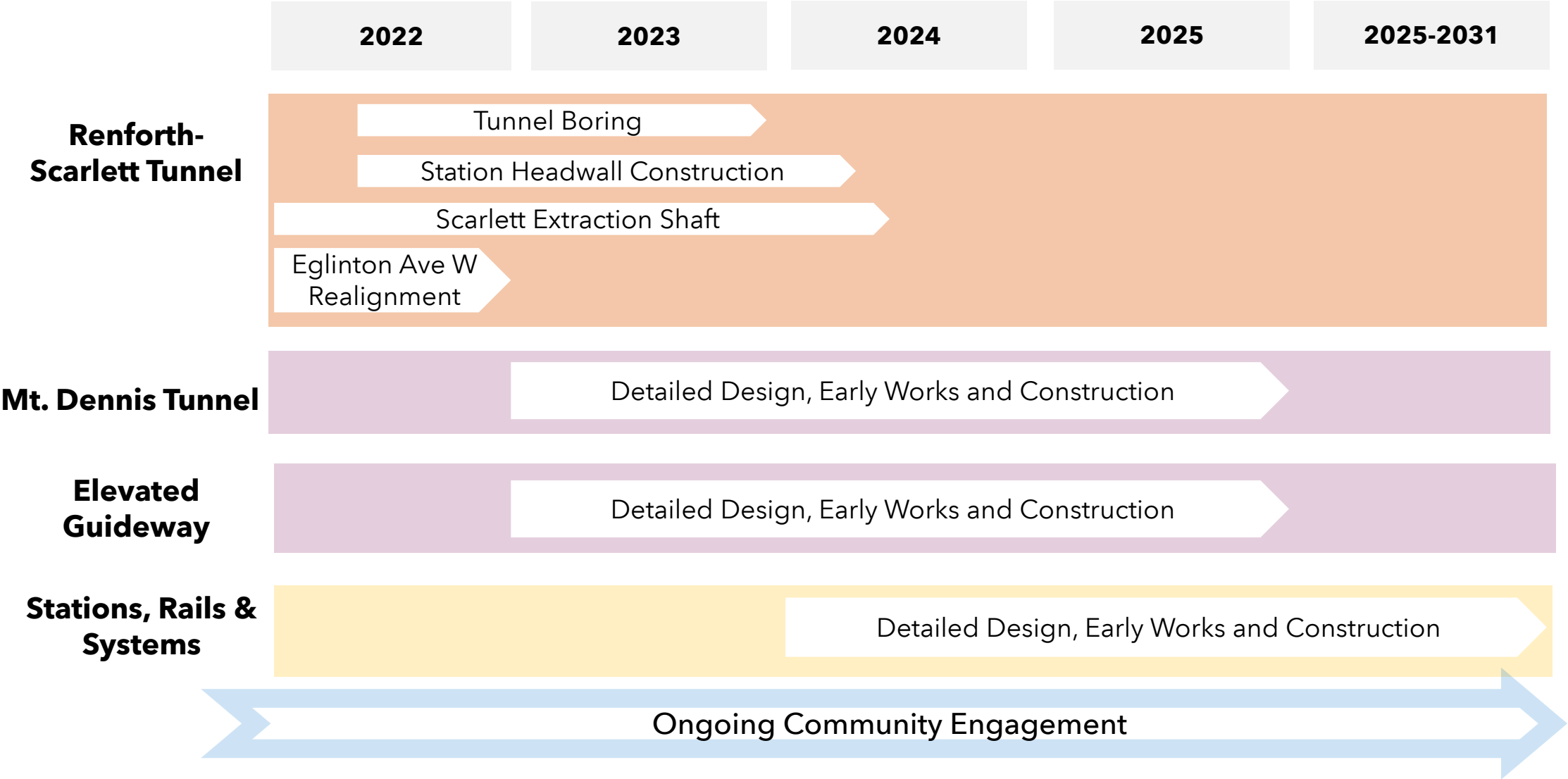
**Hayat Muhammad**  
Traffic Management,  
West End Connectors



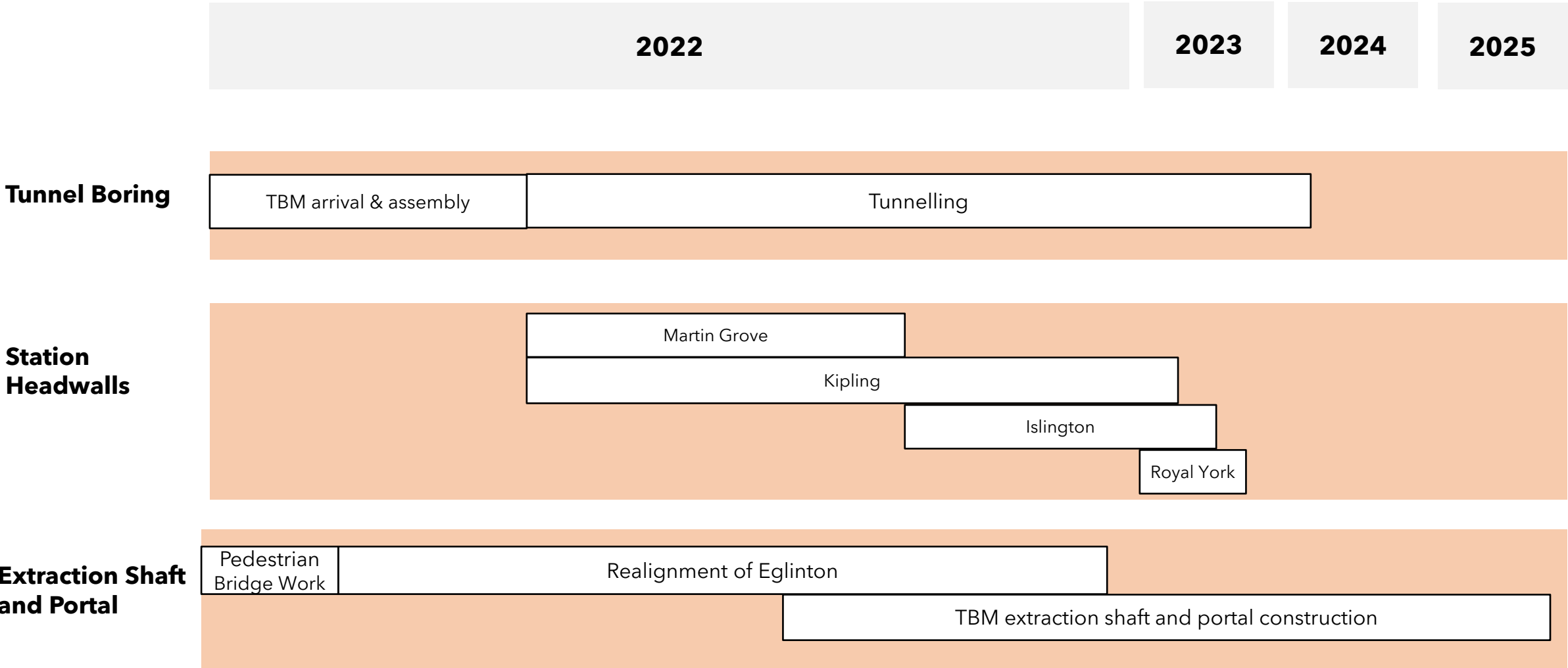
# Agenda

1. Project Timeline
2. Launch Shaft Update
3. Extraction Shaft Overview
4. Pre-stage Pedestrian Ramp Work
5. Road Realignment
6. Construction monitoring
7. What's next?
8. Q&A

# Updated project timeline



# Renforth to Scarlett tunnel timeline





## Launch shaft update

Work at the launch shaft site at Renforth has progressed since construction began in July 2021.

- The launch shaft is 80 meters long, 20 meters wide, and 17 meters deep
- 278 piles were drilled
- More than 15,000 cubic metres of soil and rock excavated



TBM launch shaft excavation progress at Renforth Avenue (Dec. 2021)



## Launch shaft update

Tower and mobile cranes are erected onsite to help lift and lower tunnel boring machine (TBM) parts and other materials into position within the shaft.



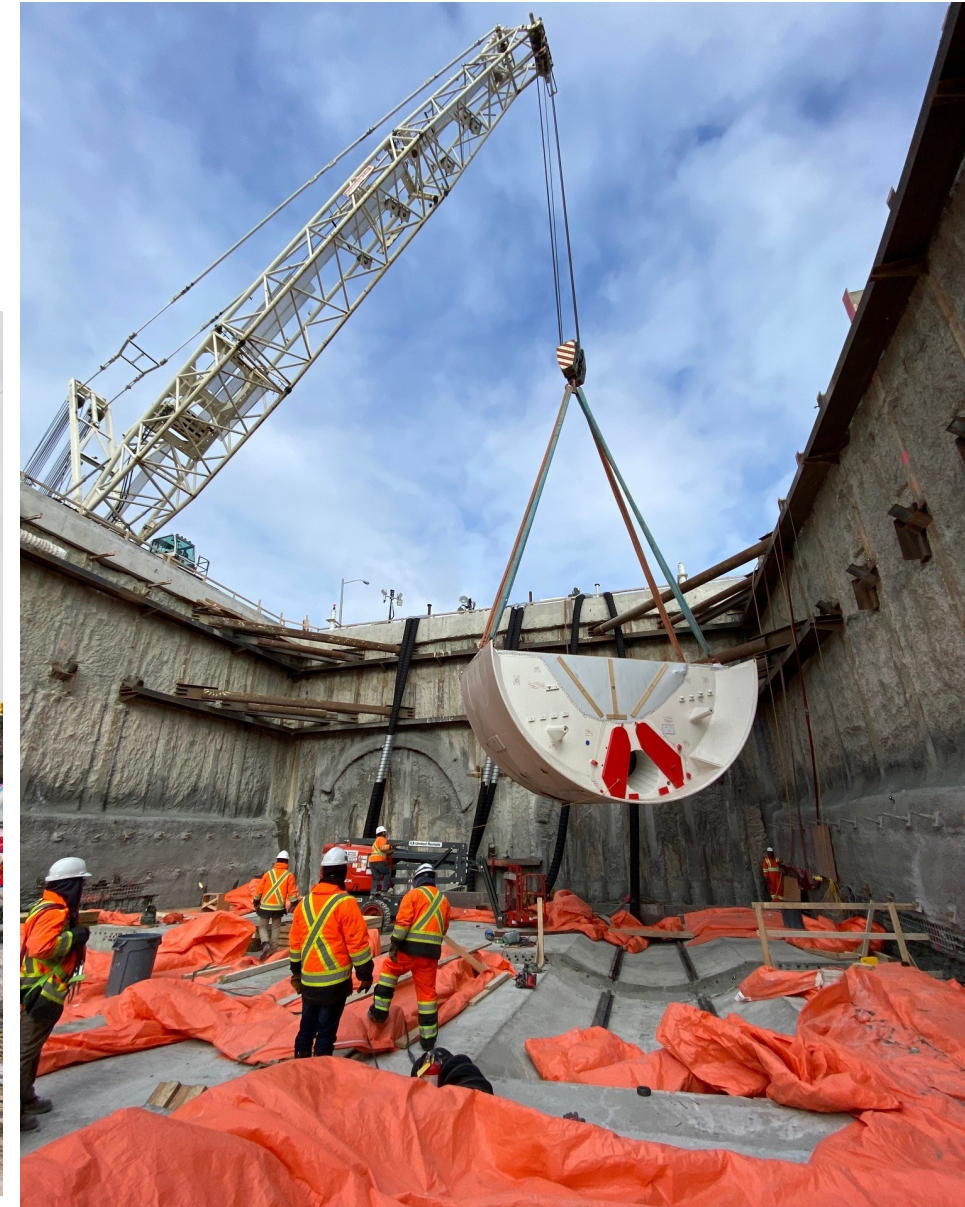


## Tunnel boring machines arrive

The TBM parts began to arrive on site in late 2021 and are currently being assembled. Tunnelling is expected to begin in spring 2022 as the TBMs start digging from Renforth and make their way towards Scarlett.



The cutterheads arrived to the launch shaft site on December 22, 2021

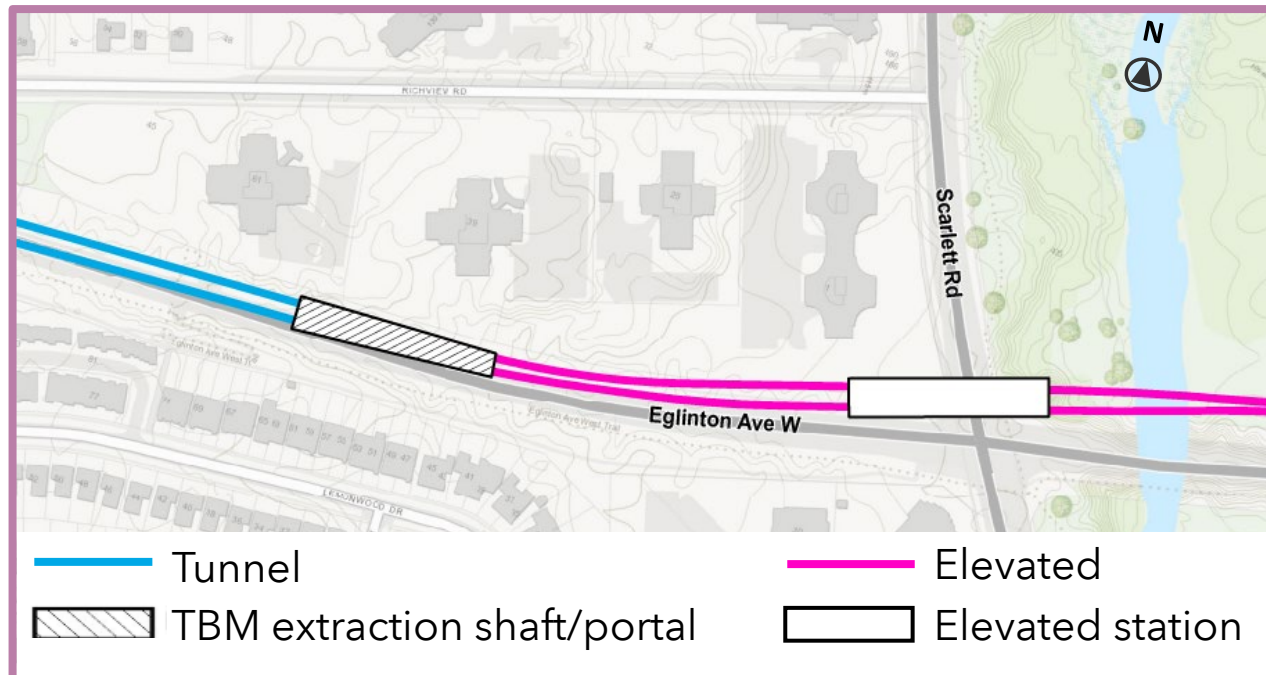


First TBM piece lowered into the launch shaft on January 10, 2022



# TBM extraction shaft and portal

- The TBMs finish digging west of Scarlett Road, where they will be dismantled and removed from the ground through an extraction shaft.
  - The TBMs will operate up to 20m deep and will tunnel almost non-stop, with some scheduled maintenance days, until the tunnel is complete.
  - Each TBM can tunnel 75 metres per week and will take approximately 20 months to tunnel the entire extension
- The extraction shaft is also the portal where the light rail vehicles transition between the tunnel and the elevated section.
- Construction for the extraction shaft/portal will begin in fall 2022. The TBMs finish tunnelling and will be removed in 2024.



West Portal at Mt. Dennis, Eglinton Crosstown LRT



## Pre-stage pedestrian ramp work (January - March 2022)



Over the next few months, WECC will relocate the access to the pedestrian bridge west of Scarlett Road from the south-east to the south-west side. This work is necessary to prepare for the road realignment and extraction shaft work.

- The pedestrian bridge will remain open throughout construction.
- All lanes of traffic on Eglinton Ave. West will remain open during this stage of construction.
- The multi-use path on the south side of Eglinton Ave. West will be temporarily diverted to the sidewalk south of pedestrian bridge.
- Existing bus stops to remain in service.
- Construction crews will work Mon-Fri between the hours of 7 a.m. and 7 p.m. Extended hours may be required.



## Realignment of Eglinton Ave. W (April 2022 - October 2022 )

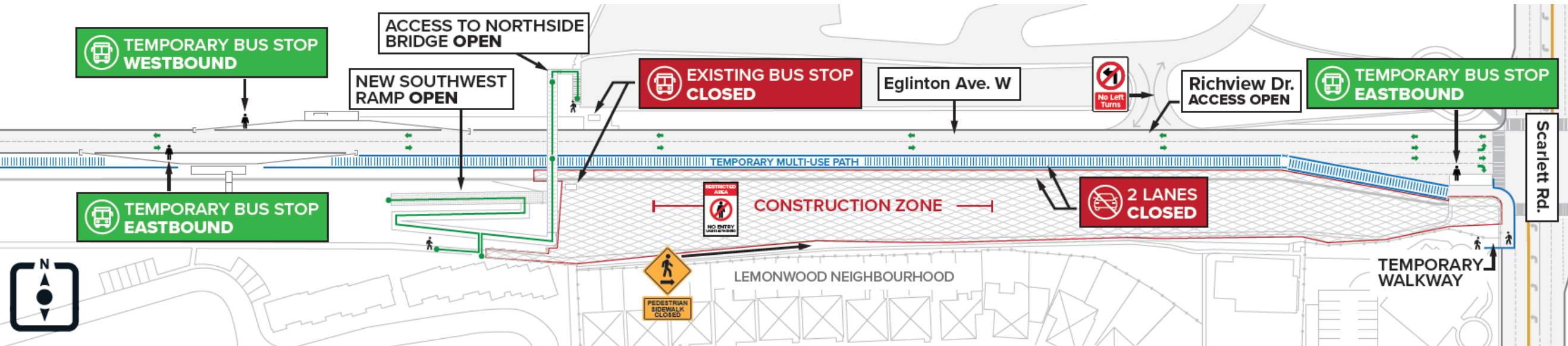
- To create room for the extraction shaft, Eglinton Ave. West will shift to the south by approximately 10 metres (33 feet) between Scarlett Rd. and the pedestrian bridge.
- Realignment construction begins in April 2022 and is expected to finish by the end of the year.
- The secondary driveway on the north side of Eglinton serving 25, 39 and 61 Richview Rd. will remain open during construction for the realignment and extraction shaft/portal.
  - To ensure the safety of workers and the public, vehicles will only be able to make right turns in and out of driveway during construction.
- When construction of the guideway begins in approximately 2024/25, the driveway will need to close permanently. Detailed traffic impact analysis and mitigation planning is underway with the City of Toronto. More information will be reviewed with residents at a future engagement.



Rendering for discussion purposes only

# Road realignment traffic staging

## Stage 1 (April 2022-June 2022)

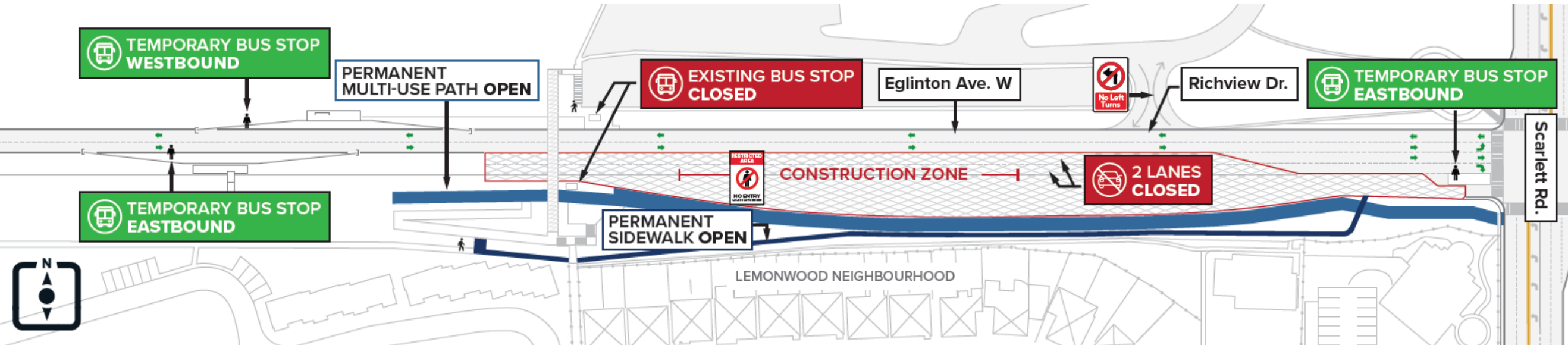


- Traffic lanes will be reduced to two lanes (one eastbound lane and westbound lane) along construction zone.
- Three bus stops will be temporarily relocated.
- Multi-use path and sidewalk will be closed from east of bridge to Scarlett Rd. Pedestrians and cyclists will be detoured to temporary path north of construction.
- Traffic control person will be on site to oversee cyclist, pedestrian and construction traffic as it crosses the temporary multi-use path.
- No left turns in and out of Richview driveway.



# Road realignment traffic staging

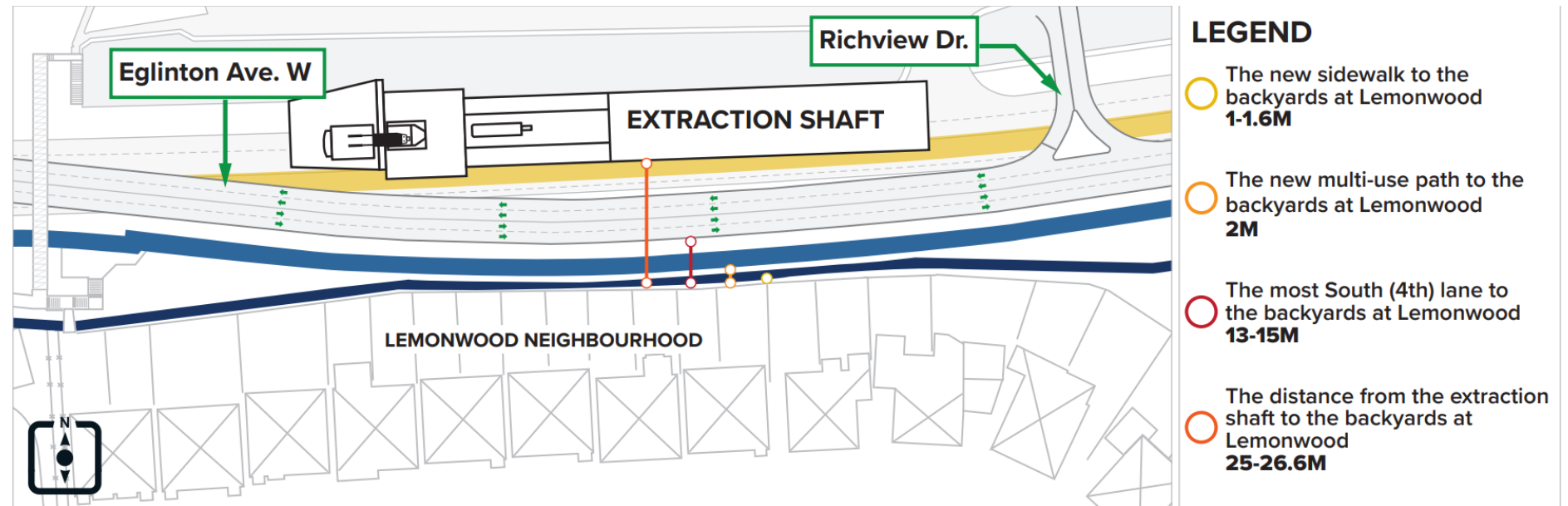
## Stage 2 (June 2022-October 2022)



- 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?

- As we know, work along a major road like Eglinton Avenue West can be disruptive. Residents can expect to hear noise from equipment, excavators, drills, and trucks.
- Mitigations are being put in place to reduce dust, including the use of water sprays and biodegradable dust suppressants.
- Noise and vibration monitors have been installed on the properties of residences, offices and commercial buildings in the vicinity of the extraction shaft construction.
  - This equipment helps the project team ensure the work complies with City of Toronto by-laws and will continually monitor the noise and vibration throughout the project term.
  - There may be opportunities to add more monitors. You can contact us for more information.
- We want to make sure we are completing this work as quickly as we can, so work will be around the clock during the realignment. **If you have any concerns, we are here to listen. Contact our 24/7 hotline: 416-202-8001**





## What's next?

- TBMs lowered into launch shaft at Renforth Avenue in spring 2022
- Tunnelling begins in spring 2022, starting at Renforth Dr. heading east to Scarlett Rd.
- Headwall construction at Martin Grove and Kipling Station in April 2022. More details will be shared ahead of construction.
- Extraction shaft excavation in fall 2022. More details will be shared ahead of construction.
- A survey on the elevated section to gather community feedback on potential design options for specific features, as well as the public spaces below/adjacent the elevated section.



Launch site at Renforth Ave, December 2021

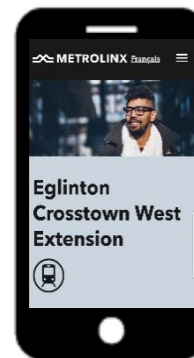
## Contact us

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.

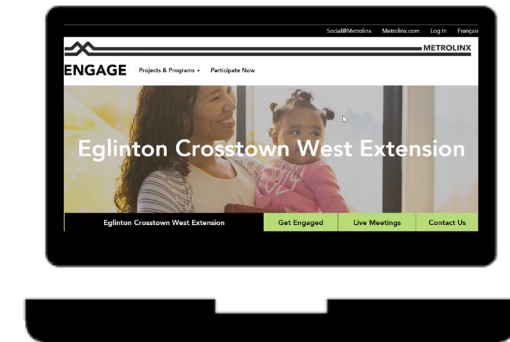
To stay up to date on upcoming virtual events and the latest ECWE news, sign up for our e-newsletter at **[Metrolinx.com/eglintonwest](https://metrolinx.com/eglintonwest)**



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