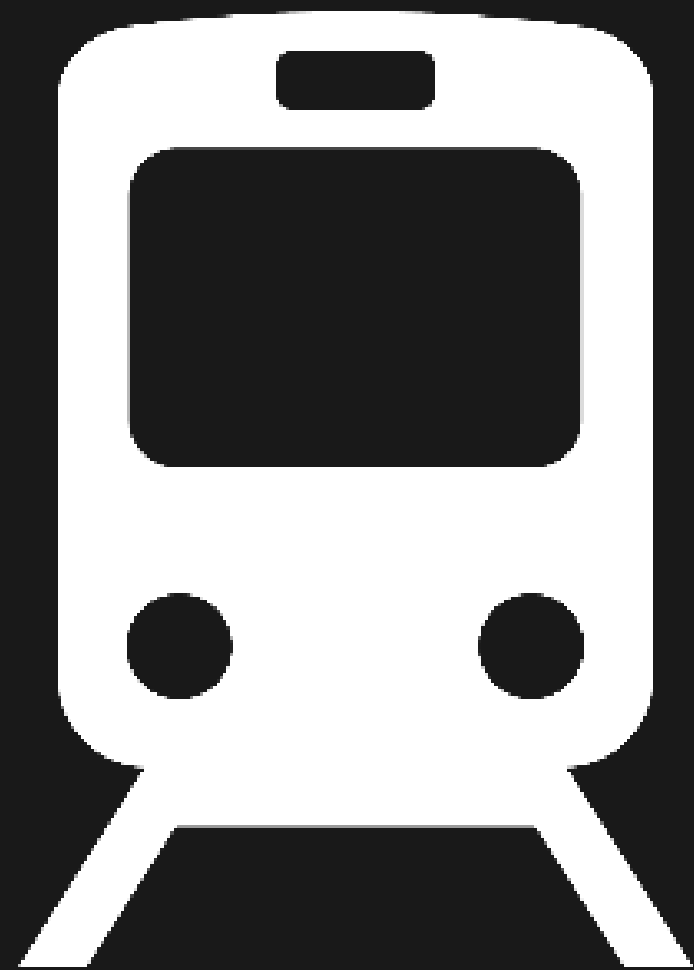




End of tunnelling Open house

Eglinton Crosstown West Extension

Eglinton Crosstown West Extension



9.2 km of new
rapid transit line



Seven (7) new stations



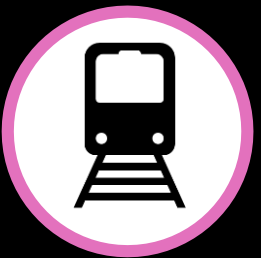
Five (5) connections to other transit options, including: UP Express, Kitchener GO Train, GO Transit, TTC and MiWay buses



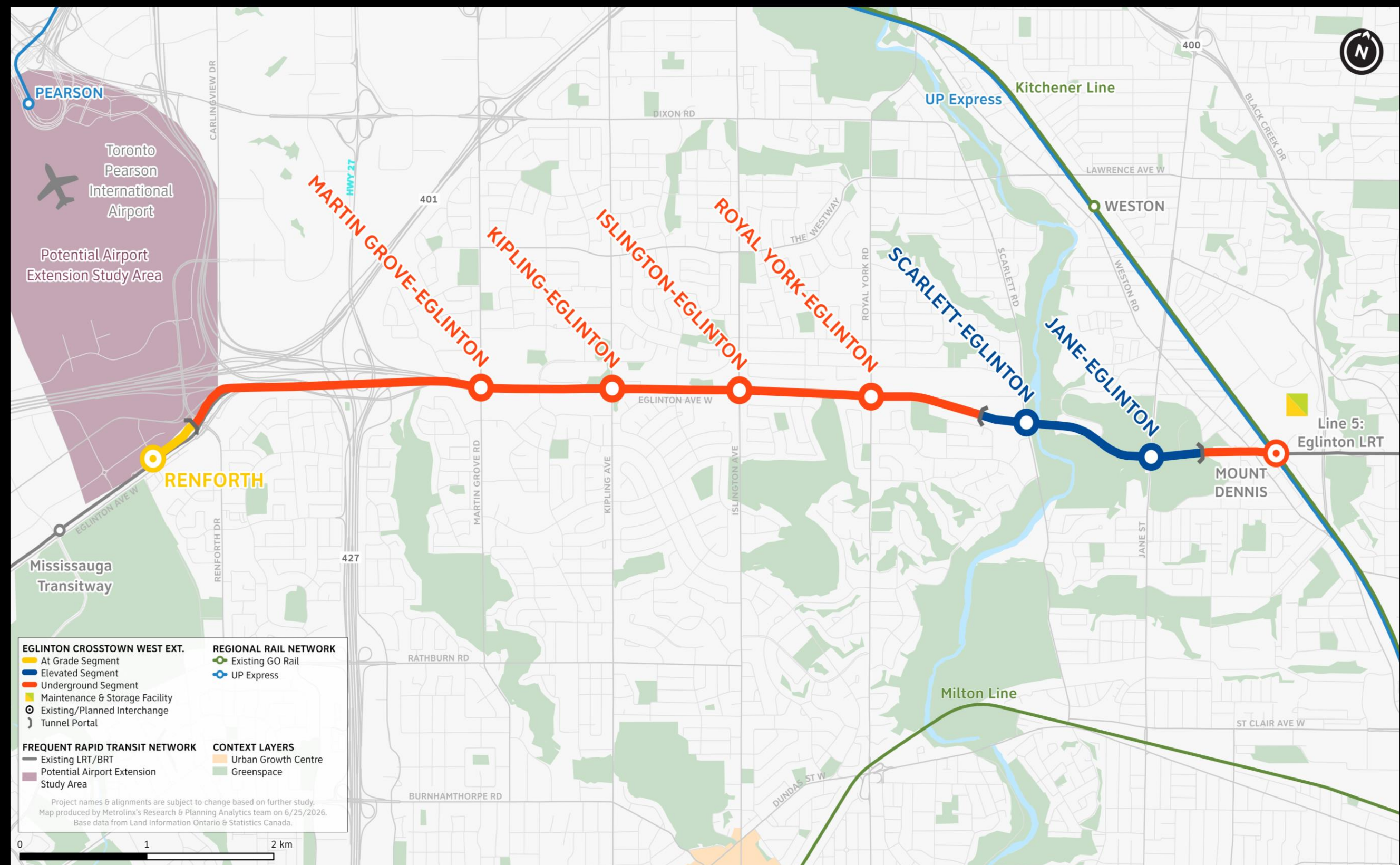
37,500 more people
within walking
distance to transit



23,600 more jobs
within walking
distance to transit



Up to 69,700 daily rides



What We're Building



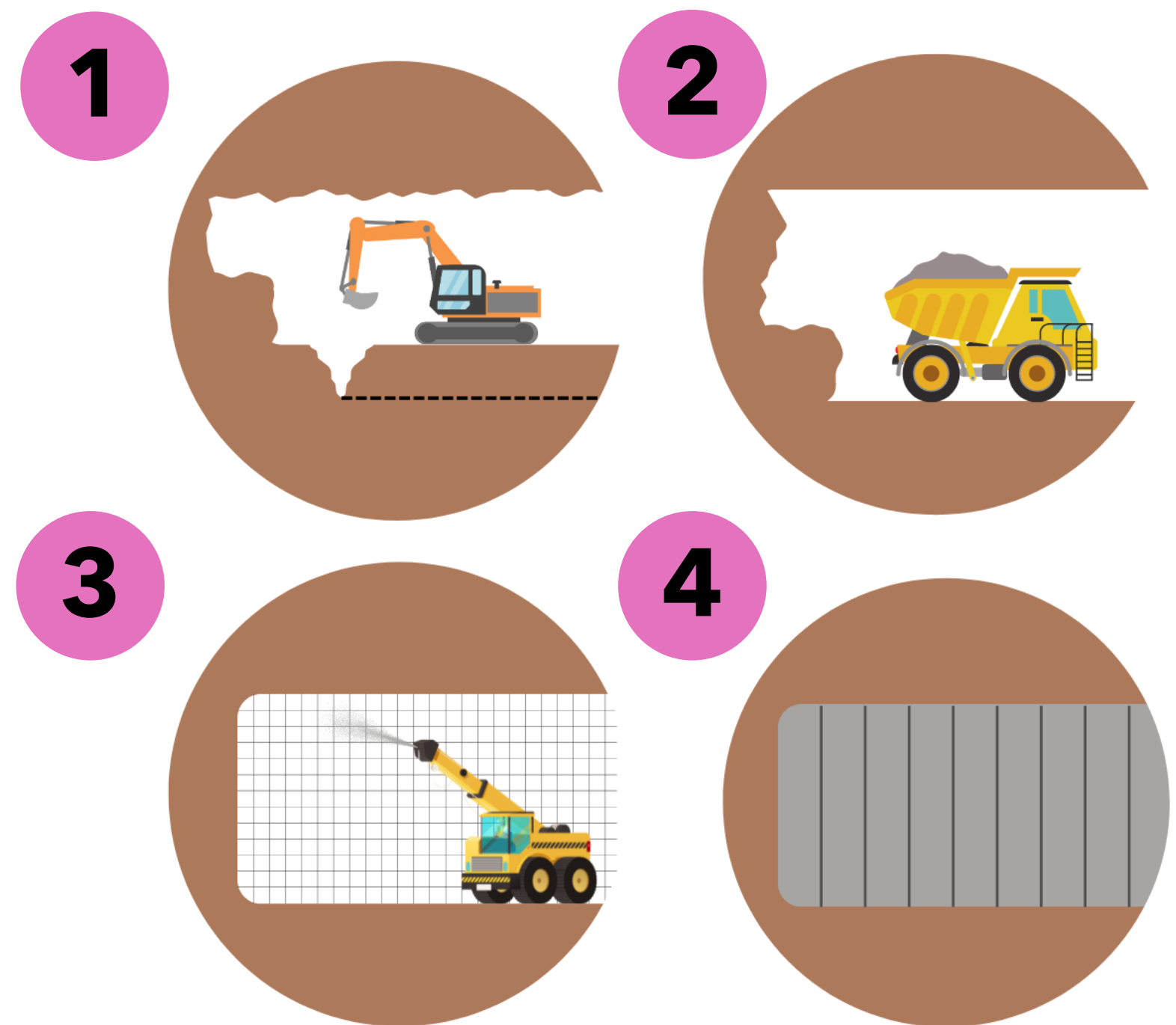
We are building the underground section of the Eglinton Crosstown West Extension, connecting Mount Dennis Station to the Jane portal and the elevated portion of the extension. This work includes constructing two 500-metre twin tunnels that will create a seamless transit connection and help improve mobility and connectivity for communities along Eglinton Avenue West.

Construction method - SEM

The Sequential Excavation Method (SEM) was used to build the tunnels. It consists of excavating the tunnels in small sections and immediately installing support systems, such as shotcrete and steel reinforcement, before moving on to the next section. This process is repeated as the tunnels advance, helping ensure a safe and stable excavation.

Process of the SEM:

1. Excavating: Use an excavator to dig out small, specific sections of the tunnel.
2. Mucking: Remove all the materials that were dug out.
3. Shotcrete: Spray concrete against the walls that were dug out.
4. Final lining: Cast final lining concrete.



Construction at Jane portal – Before tunnelling



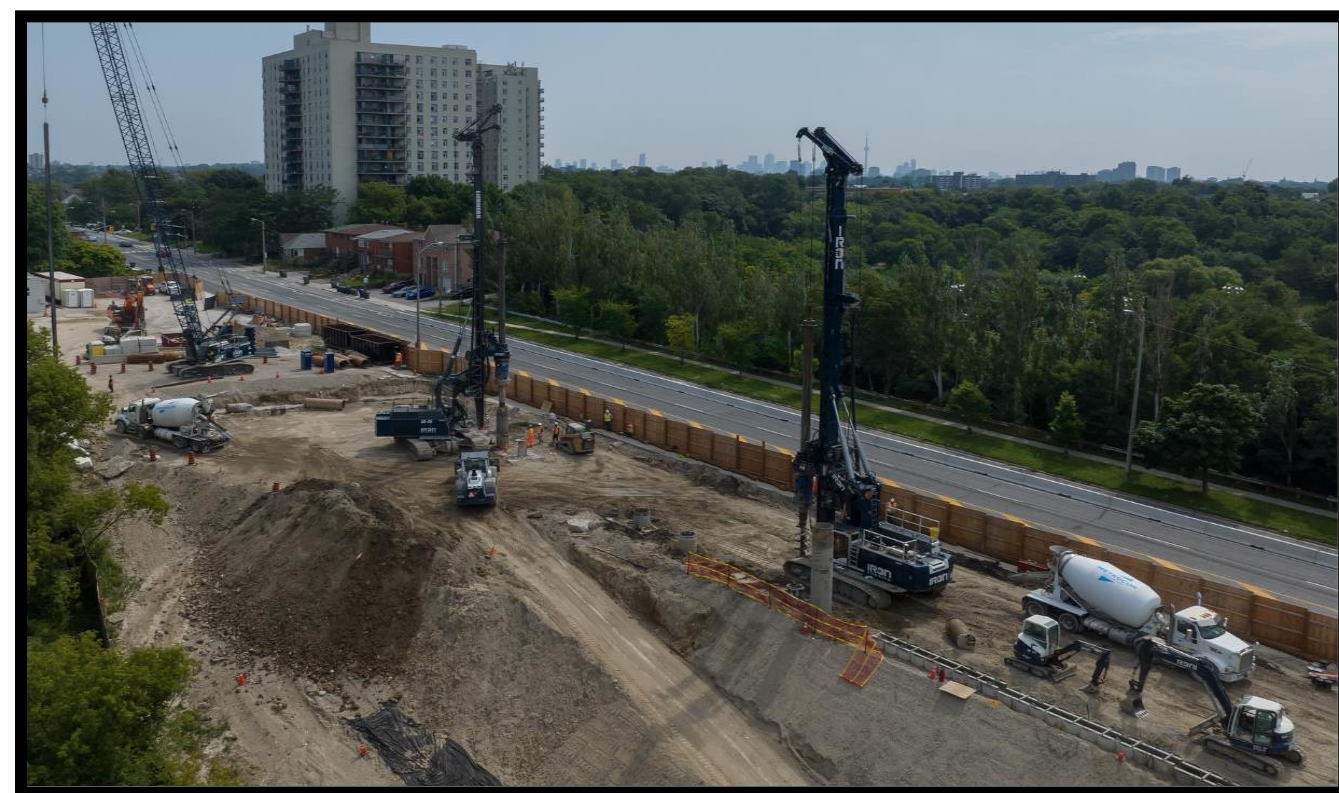
Site preparation



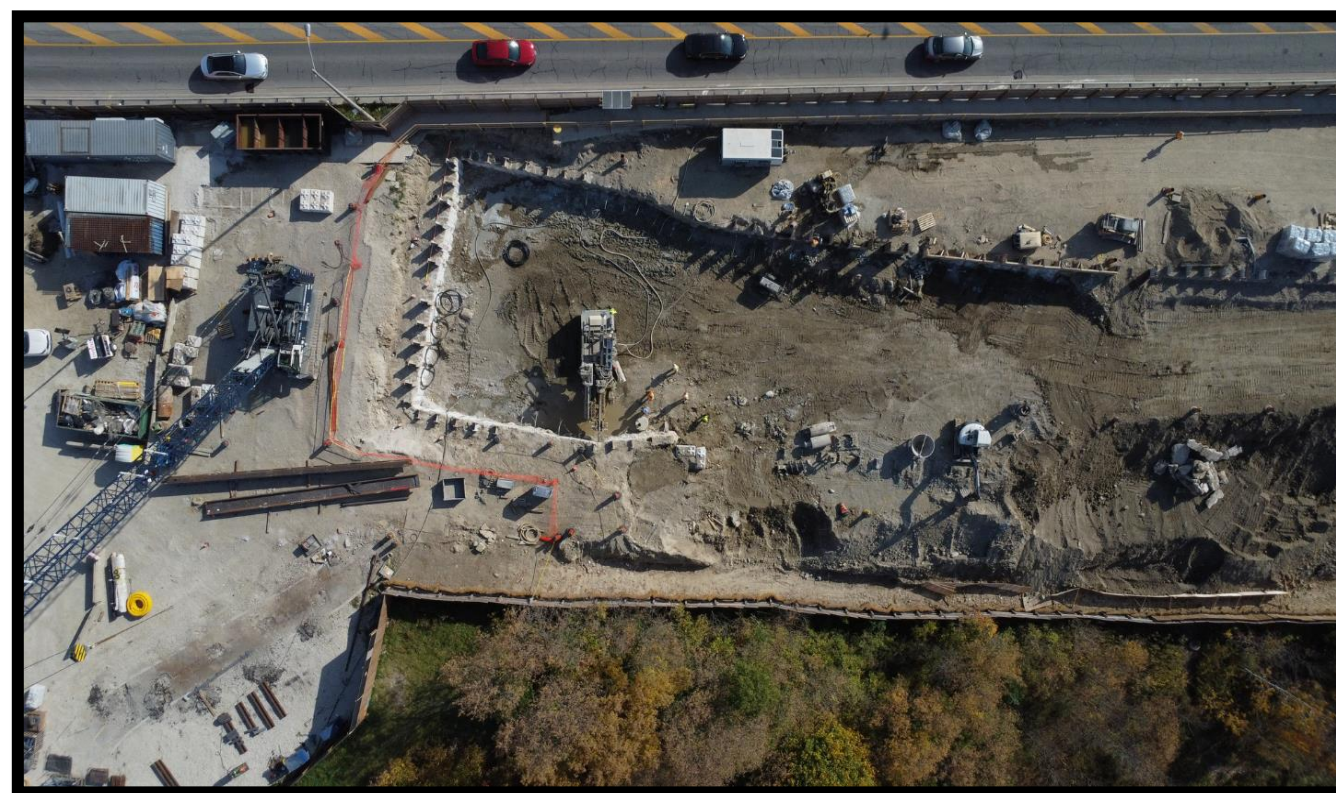
Preparation For excavation support



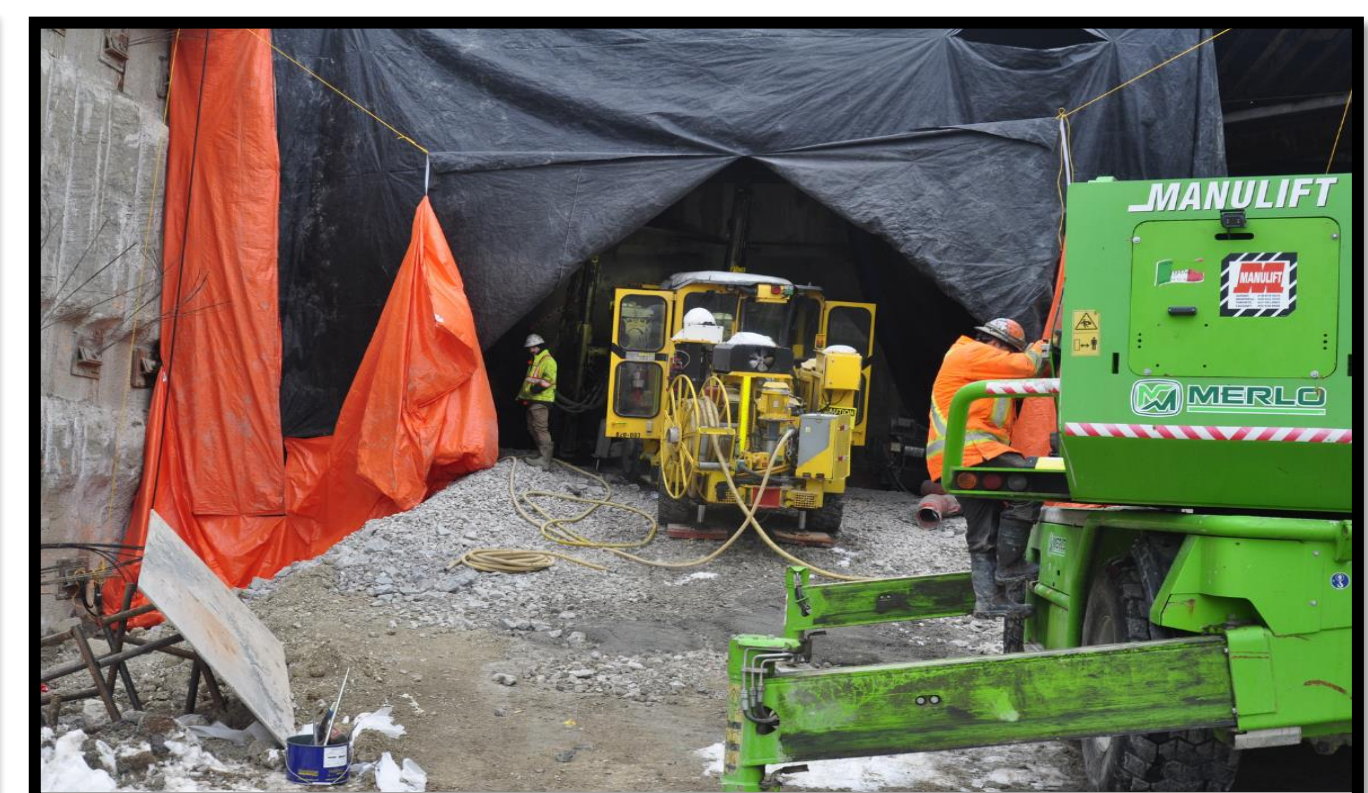
Drilling holes for excavation support



Installing excavation support walls



Drilling and adding support anchors



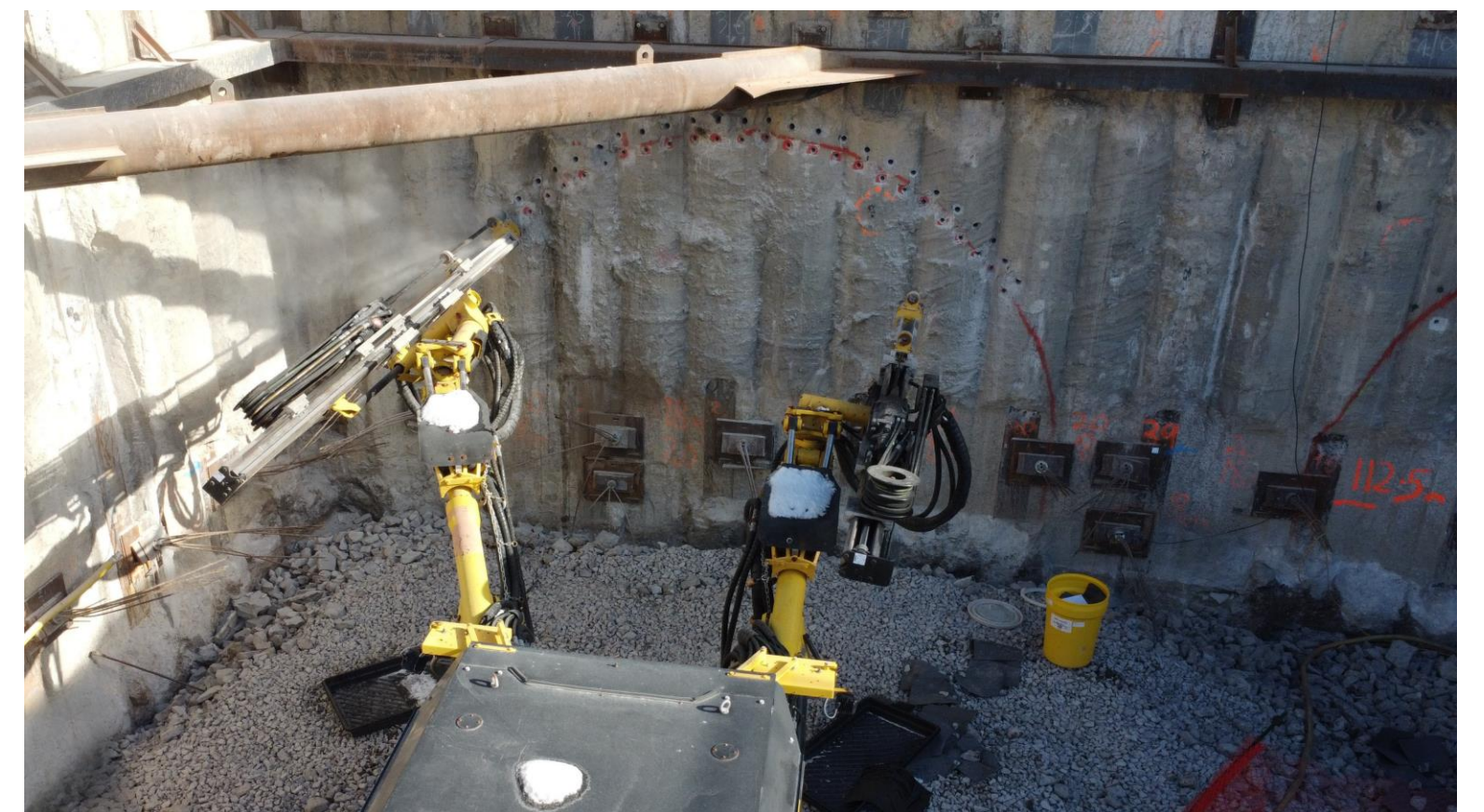
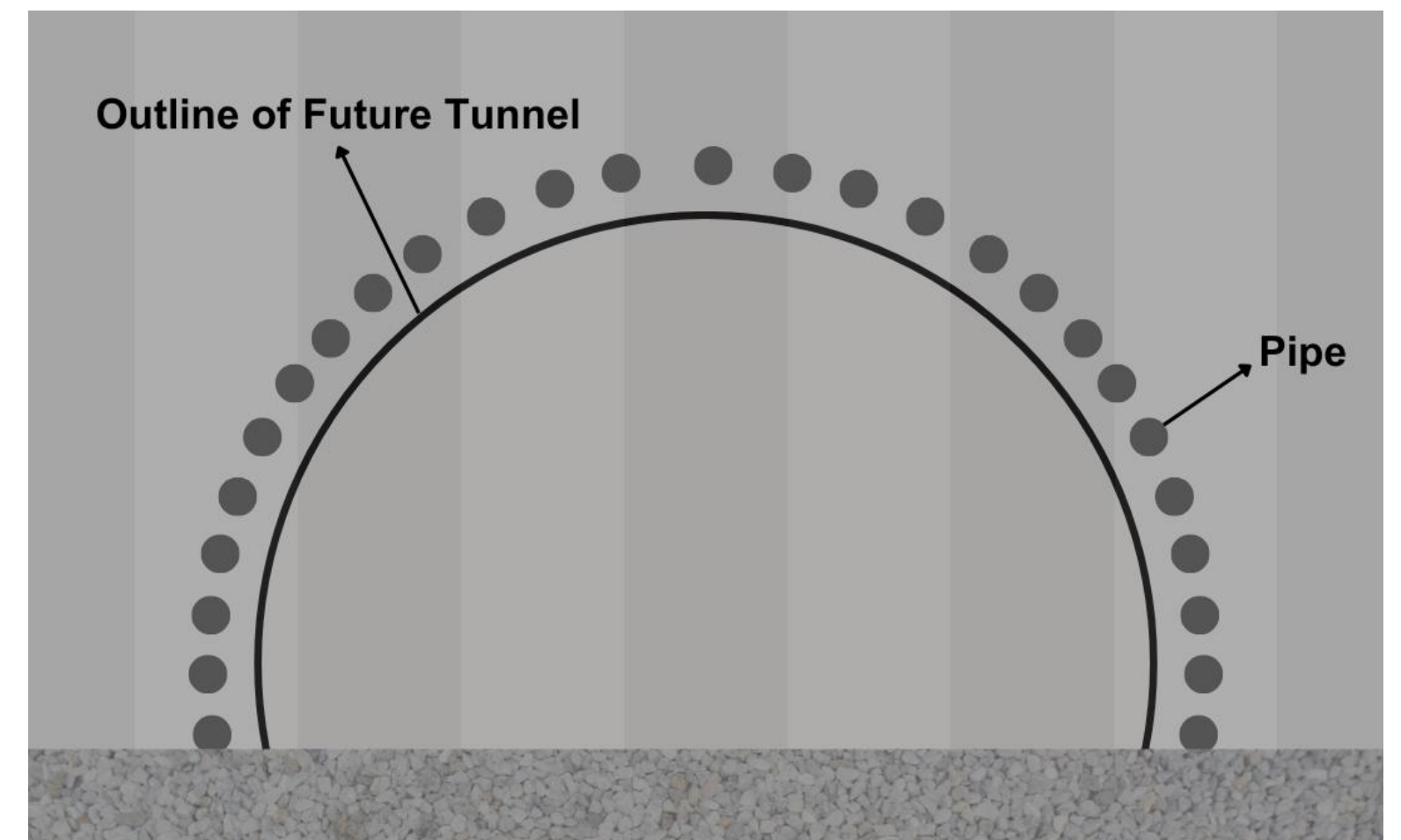
Installing protecting roof at the tunnel headwall

Construction method- Pipe umbrella

Before excavation of the tunnels could begin, a series of 114 mm diameter, 12-metre-long steel pipes were placed in the tunnel's crown to support the soil. These perforated pipes, designed for reinforcement material injection, served as a pre-support system that reduced the risk of roof collapses, enabling faster excavation with minimal surface impact.

This is referred to as the pipe umbrella method, a proven tunnelling technique that enhances safety during excavation.

The work included installing the pipe roof at both the Jane portal and Mount Dennis headwalls for eastbound and westbound tunnels.



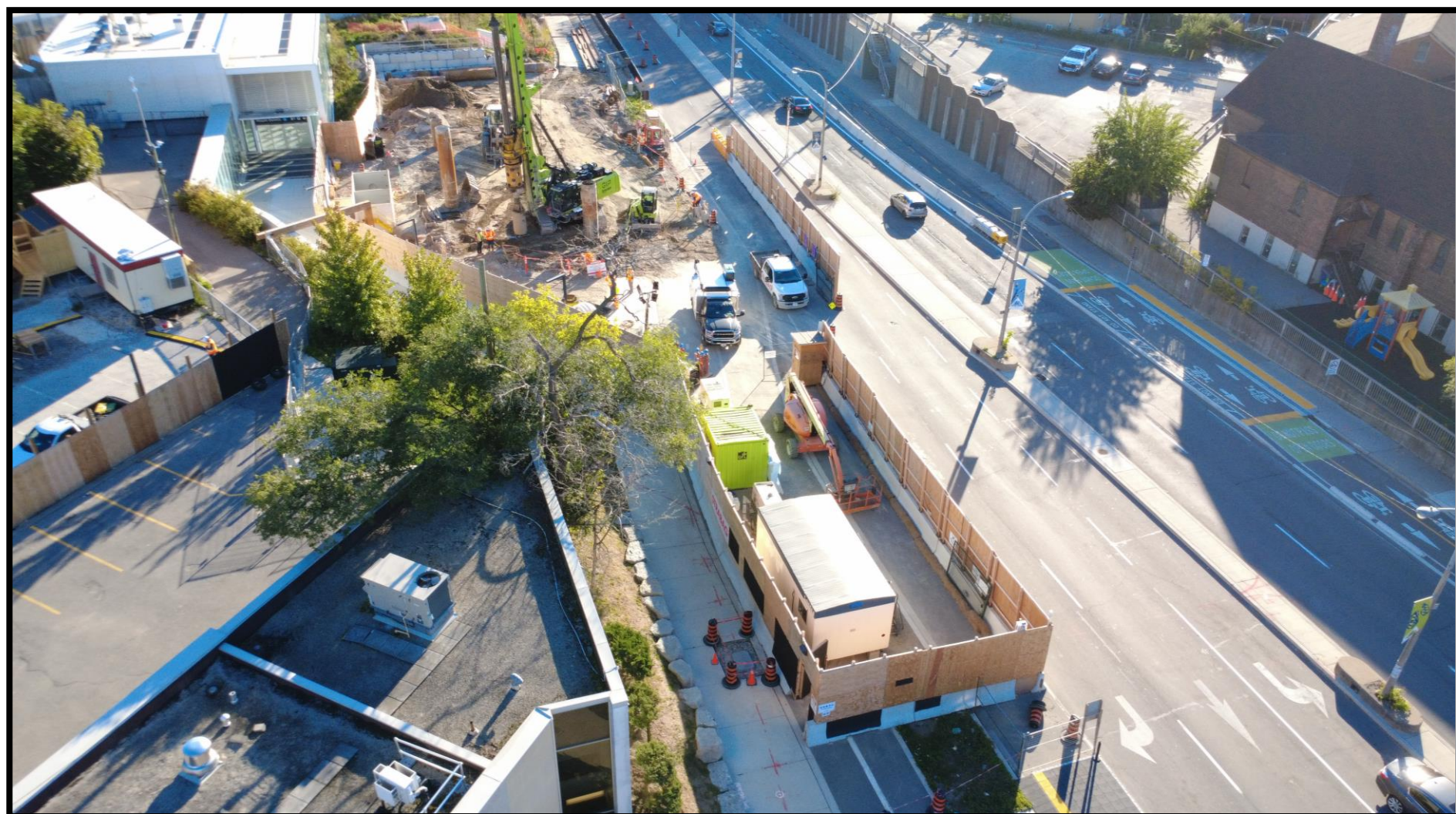
Close-up view of pipe umbrella installation in progress, showing drilling equipment and marked arc pattern on a concrete wall where steel pipes are being installed.

Construction at Jane portal - **Tunnelling**



- Tunnelling at Jane portal began in February 2025, utilizing the sequential excavation method (SEM).
- Excavation was progressing at approximately 1.1 meters per day per tunnel.
- The tunnelling work spanned 500 metres, running directly beneath Eglinton Avenue West.
- Excavation operations for the project took place 24/7 to maintain efficiency, minimize delays and ensure the work was completed on schedule.

Construction at Mount Dennis Station – Tunnelling



Once supportive excavation work was completed, excavation of the tunnels started from the Mount Dennis Plaza between January and March 2026. The excavation was carried out in stages, using temporary steel bracing to keep the area stable while excavators and dump trucks removed the material.

The shaft provides access to the tunnels and supports construction activities by allowing materials, equipment, and workers to move efficiently in and out of the work area.

Tunnelling



500 metre Tunnel Alignment from Jane to Mount Dennis Station



Westbound Tunnel

Tunnelling Completion - Breakthrough



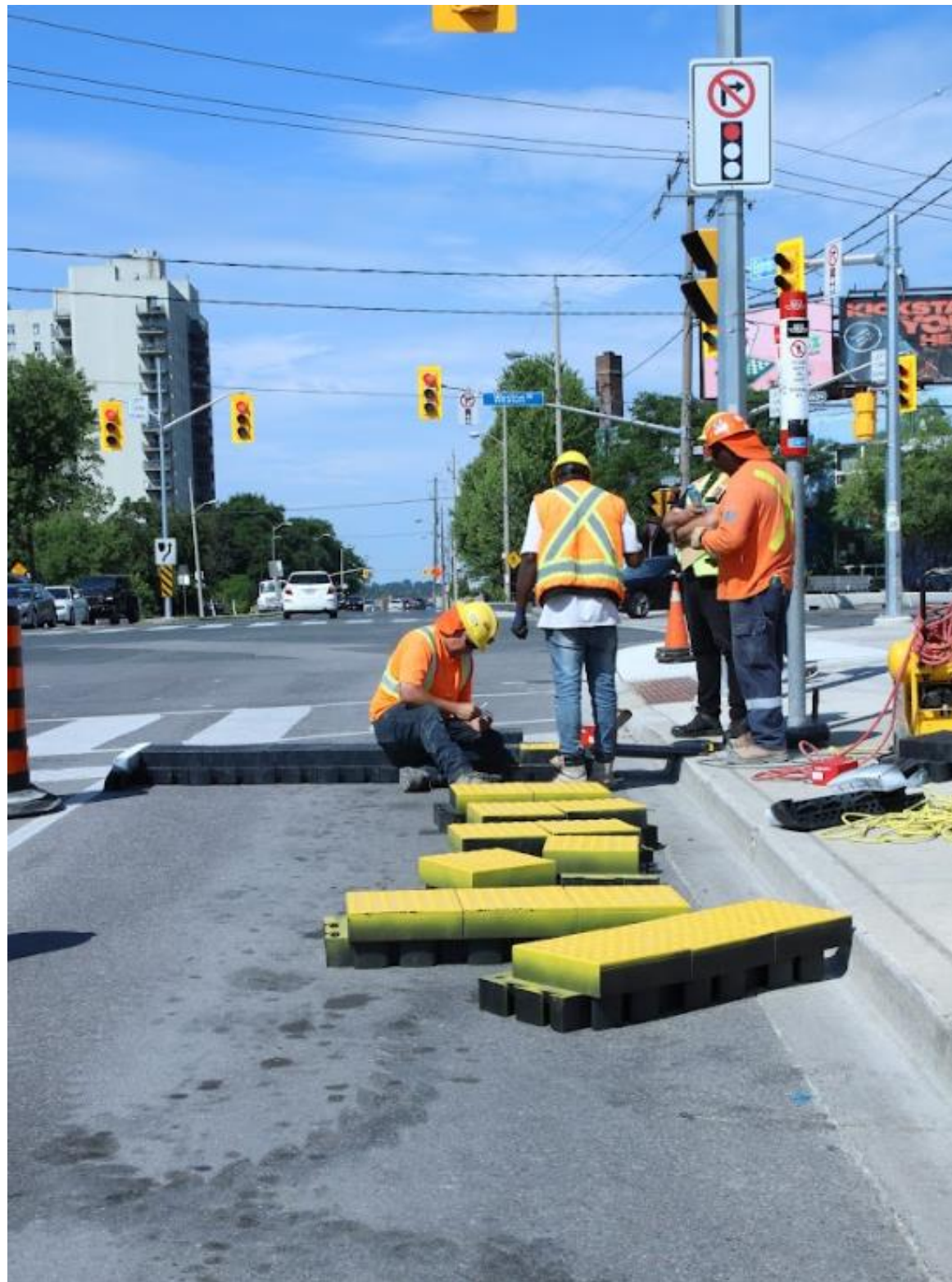
Between **May and July 2026**, both tunnels successfully reached their final breakthrough points, completing the underground connection between Jane and Mount Dennis.

This **major milestone** reflects the strong engineering, coordination, and teamwork behind the project.



Completed work - Eco-friendly bus platform at Eglinton Avenue West and Weston Road

Strabag has installed an eco-friendly bus platform at Eglinton and Weston Road in Mount Dennis, Toronto. The entire structure uses recycled materials and features a low-carbon lifecycle design by Zicla.



Noise, vibration and dust mitigation

Jane portal to Mount Dennis Station

Transit construction can create noise, vibration, and dust. Metrolinx and STRABAG are dedicated to reducing and managing these impacts.

Noise, vibration, and dust are continuously **monitored 24-7.**

Collected data helps guide any necessary additional mitigation measures, with consideration for community input.

We prioritize and will continue to prioritize the timely handling of public complaints.



Jane portal - A nest on site

Do not disturb

On June 10, 2026, American Robins built a nest on site, the team took steps to protect them during nesting season.

To protect them, the area was clearly marked, and work was adjusted to avoid disturbance.

The birds successfully raised their young, which later fledged and left the nest.

We remain mindful of the wildlife that shares our space and look forward to welcoming our next unexpected site visitors.



Project timeline



May: Completion Jane portal & Phase 1 Cycle Track
November: Support of excavation completed



July:
 WB & EB Tunnels
 Excavation completed

2023

April: Contract assigned
June: Open project office



2024

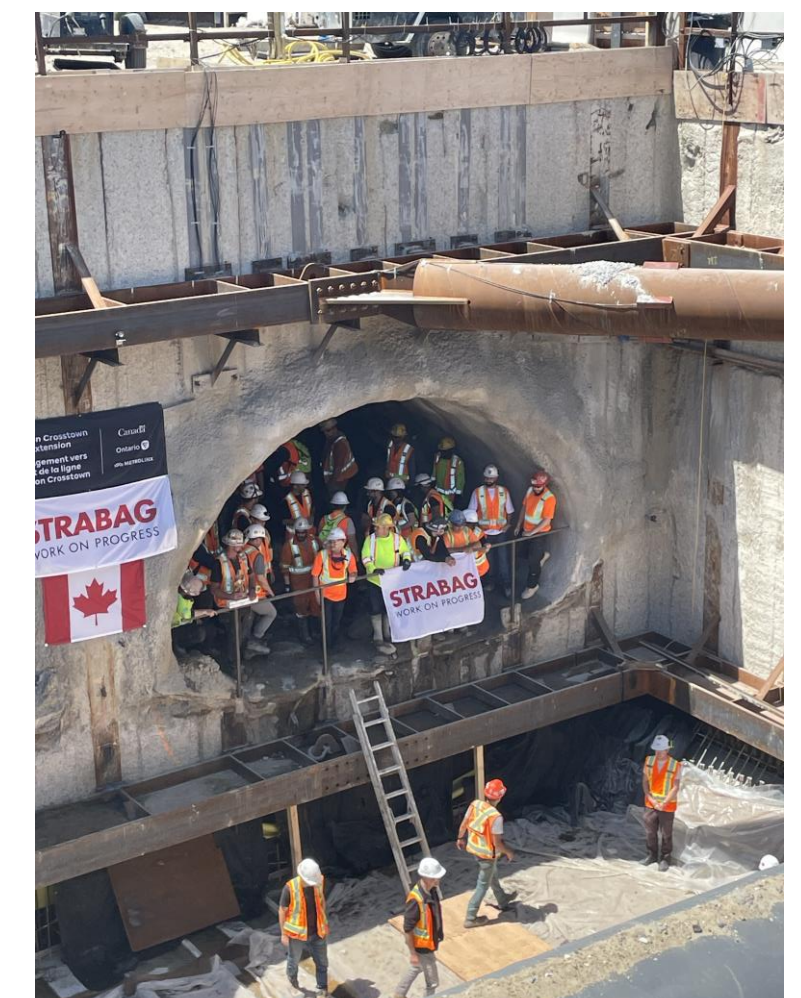


2025

February: Tunnelling begins, cycle track Handover
July: 100 mts of tunnel achieved



2026



Upcoming works



With the two tunnels successfully completed, our focus now shifts to the final tunnel lining and finishing works, including reprofiling, waterproofing, and invert concrete works.

Looking ahead, the site is expected to be handed over for the construction of the future station in 2028.



A huge thank you to **our crews, engineers, partners and the community for their continued support, patience and commitment throughout this journey.**

Together, we are helping build the future of transit along Eglinton Avenue West.