Welcome Construction Liaison Committee

Eglinton Crosstown West Extension

April 30, 2025

METROLINX

Welcome

Thank you for attending the Construction Liaison Committee

Agenda

1.Welcome — 6:00 p.m. – 6:10 p.m.

- Introduction
- Land Acknowledgment
- Safety Moment
- CLC Code of Conduct
- Action items

Meeting Purpose: To facilitate communication between Metrolinx and the community, provide updates, and identify and solve local Issues

2.Presentations and Questions

- Construction updates
- Community Benefits and Supports
- Community engagement

6:10 p.m. – 6:30 p.m.	AECON/EG updates
6:30 p.m. – 6:45 p.m.	Questions from the CLC
6:45 p.m. – 7:05 p.m.	Strabag/ATC2 updates
7:05 p.m. – 7:20 p.m.	Questions from the CLC

3.Discussion and Next Steps — 7:20 p.m. – 8:00 p.m.

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LAND ACKNOWLEDGEMENT

Metrolinx acknowledges that we connect communities by building and operating transit within the traditional lands of the Anishinaabe, the Haudenosaunee and the Huron-Wendat peoples, for whom these lands continue to have great importance.

Treaties between First Nations and governments cover these lands, and the promises contained in these Treaties remain relevant to this day.

Metrolinx and its employees are committed to understanding the history of these lands and the continued impacts of colonization and take responsibility for actions to advance reconciliation.

Metrolinx will continue to seek the knowledge, expertise and experience of Indigenous partners and commits to doing business in a manner that is built on a foundation of trust, respect, and collaboration.

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SAFETY MOMENT

Commuting in the rain safely

Here are quick tips for a safer rainy commute:

1. **Make yourself visible**. Wear bright colours and reflective or fluorescent material.

2. **Keep dry .** Make sure you have jacket ,umbrella and water-resistant shoes, and warm clothing. A one-piece rain suit will help keep you warm and dry.

3. **Reduce speed.** It takes a lot longer to stop on slippery surfaces. You must make up for this by moving at slower speeds. It is particularly important to reduce your speed next to the train tracks and bus bays.

4. **Avoid the most slippery areas**. Water tends to build up in the centre of the lane, particularly near intersections where vehicles slow down or stop. Avoid standing water, mud and other dangerous surfaces, such as wet metal or leaves.

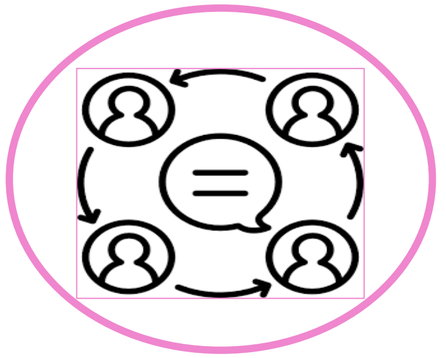
5. **Avoid walking near puddles.** A puddle can hide a large pothole that could damage you or a vehicle. The spraying of water could obstruct the vision of adjacent motorists and result in a collision, cause harm to nearby pedestrians or yourself. Water can also make brakes less effective.

CLC CODE OF CONDUCT

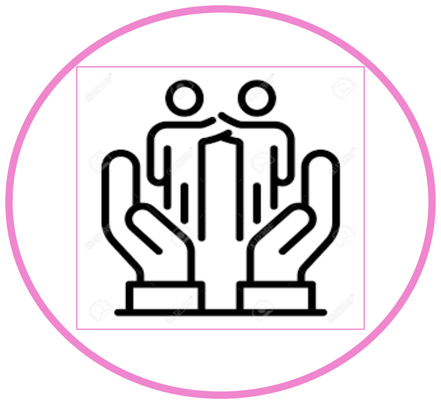
Participate fully, openly and transparently in discussions, while also creating an environment where all members are encouraged to contribute and share their views.

Participate in a respectful manner towards other CLC members by using appropriate language.

Keep requested agenda and discussion items within the **mandate and scope** of the **Construction Liaison Committee.**



Represent their community's diverse perspectives and interests.

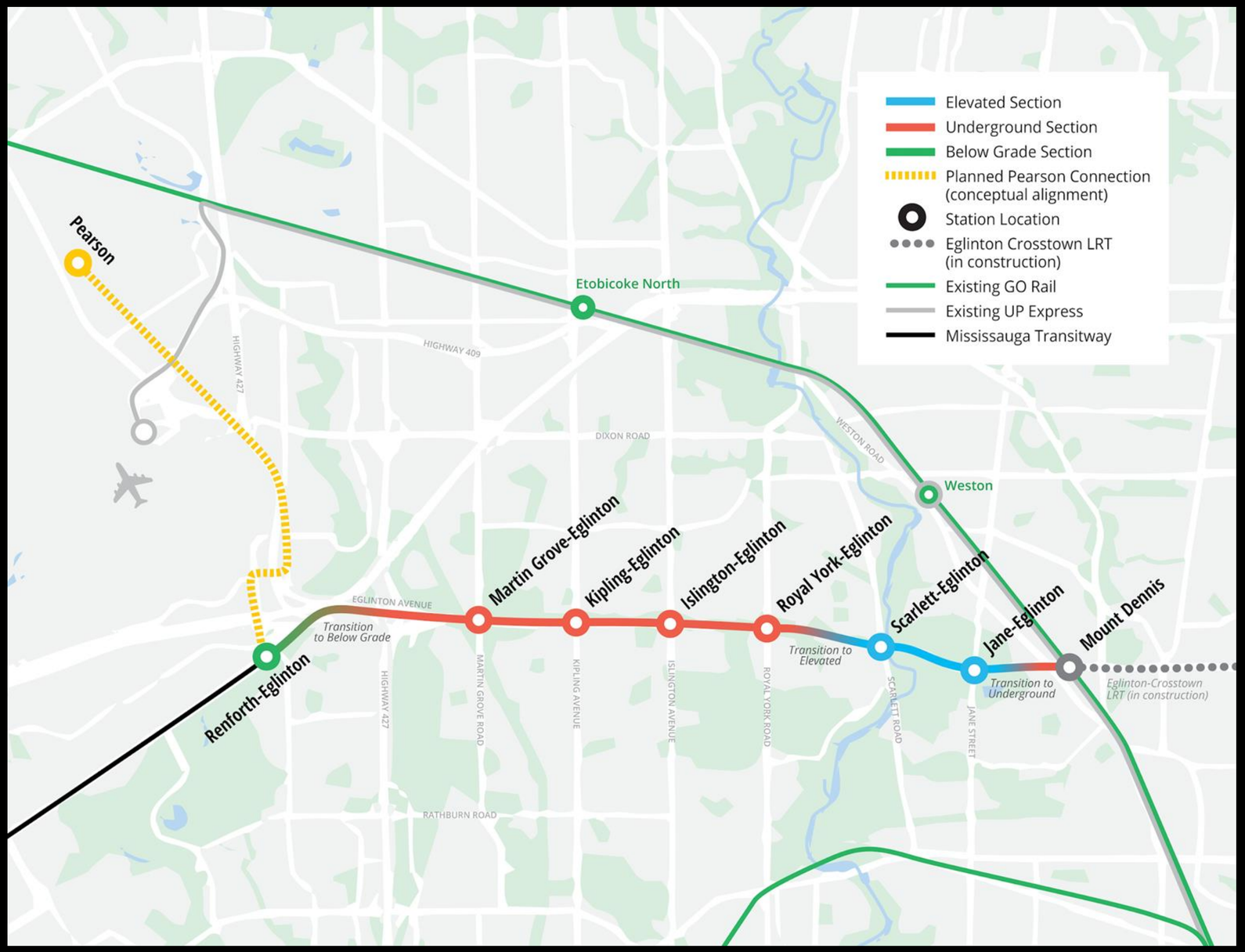


Maintain confidentiality of sensitive issues, when requested by participants.

Commit to equity, diversity and inclusion by supporting the participation of the whole community regardless of race, gender, class, sexuality, age or ability.

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



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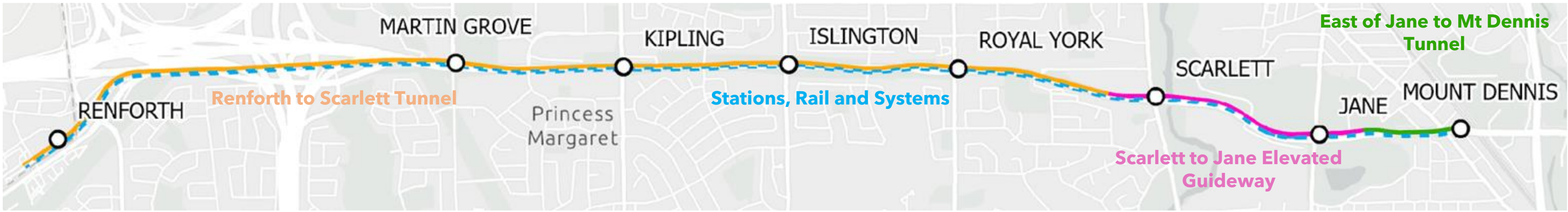
Completed Action items

#	Action	Response	Status
1.	**Previous CLC: Metrolinx** to expand notice area from 500 metres to 1.5 km	500m is the requirement in our project agreements with Aecon and Strabag. In some cases, like open houses, we have been targeting up to a 2km radius	**Completed**
2.	**Previous CLC: Metrolinx** to continue to notify Turtle Island Carers of Fire (TICOF) of relevant work.	Metrolinx is notifying TICOF of all relevant work	**Completed**
3.	**Previous CLC: Metrolinx** to consider the use of microphones at the next CLC meeting.	Metrolinx has acquired a microphone for the CLC meeting	**Completed**

Pending Action items

#	Action	Response	Status
1.	**Aecon/Metrolinx** to provide a date when the elevated guideway design can be presented to the community.	The design has been submitted to Metrolinx and is currently under review	**Pending**
2.	**Aecon / Metrolinx** to inquire if silt is being measured in the river and share this information with the community.	We have a baseline (found in the Groundwater Management and Dewatering Plan) and both Metrolinx and Aecon have collected background levels. We routinely collect additional samples to bolster the baseline data. To date, we have not collected more samples but have that scheduled for May.	**Pending**
3.	**Dillon** to share renderings of elevated guideway in winter and tracks 2 and 3, if available, and heights of the elevated guideway.	Dillon is working on gathering this information and it will be sent out to the CLC members.	**Pending**

Timeline



The project is being delivered through four contracts, with separate contractors

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Renforth to Scarlett tunnels - currently under construction by WEC	Construction									
Scarlett to Jane elevated guideway - currently under construction by Aecon		Construction								
East of Jane to Mount Dennis tunnels - currently under construction by Strabag		Construction								
Stations, Rail and Systems - currently in procurement				Design, Early Works and Construction						

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Who is building the Eglinton Crosstown West Extension?

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Delivering the tunnels between Renforth Drive to Scarlett Road

- In construction since July 2021
- Tunnel boring machines (to create east and west bound tunnels) were called Renny and Rexy
- Rexy completed its works in April 2024. Renny completed its works in May 2024
- Tunnelling completed in 2024

Delivering the tunnels east of Jane Street to Mount Dennis Station

- Construction began in 2024
- The tunnel is approximately 500 metres and will connect east of Jane Street to Mount Dennis Station
- Expected to be completed in 2027

Delivering the 1.5 km elevated guideway (West of Scarlett Road to just east of Jane Street)

- Major construction began in 2025
- Expected to be completed in 2028

Delivering the stations, rails and systems (Renforth to Mount Dennis Station)

- Currently in procurement

Who we are - Aecon

AECON

National Canadian Construction and Infrastructure Development company with global experience. Delivering integrated solutions to private and public sector clients in the civil, urban, transportation, nuclear, utility and industrial sectors as well as project development, financing, investment and management services.

1962
GARDINER
EXPRESSWAY

1976
CN TOWER
TORONTO

2015*
CROSSTOWN
LRT

2016*
DARLINGTON
REFURBISHMENT

2018*
GORDIE HOWE
INTERNATIONAL BRIDGE

2019*
PATTULLO
BRIDGE

2021*
WINNIPEG
NORTHWWTP

2014
WATERLOO
LRT

2023
SCARBOROUGH
SCARBOROUGH SUBWAY

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Elevated guideway - Completed work

Time	Activity	Location	Details & Purpose
Fall 2024	Borehole drilling	North of Eglinton Avenue West between Scarlett Road and Jane Street.	Boreholes provide important information about soil and rock conditions
	Subsurface utilities engineering	North of Eglinton Avenue West between Scarlett Road and Jane Street	Maps underground utilities to facilitate construction
	Site fencing	North side of Eglinton Avenue West, from Scarlett Road to Fergy Brown Park, and north on Scarlett Road and Jane Street	Maintains site security while ensuring public safety
	Tree clearing / grubbing	North of Eglinton Avenue West between Scarlett Road and Jane Street	Clears trees to accommodate the elevated guideway construction
	Erosion sediment control installation	North of Eglinton Avenue West between Scarlett Road and Jane Street	Minimizes environmental impact and protects the local environment near the construction site
Winter 2025	Site grading & prep work	North of Eglinton Avenue West between Scarlett Road and Jane Street	Levels and prepares the ground for construction, including clearing, grading, and compacting the soil

Erosion and sediment control

Erosion and sediment control measures are used to minimize the impact of construction on the surrounding environment. These measures are important in preventing soil loss, protecting water quality and aquatic life in the Humber River and minimizing sediment run off from construction sites.

This is especially important for construction of the elevated guideway as we build near the Humber River and work to restore the area. Some of the control measures that will be implemented during construction include:

- Single and double row silt fencing
- Mud mats
- Coir log check dam
- Erosion control blanket

Double silt fencing at the elevated guideway construction site

Erosion and sediment control

Single and double row silt fencing

- A temporary barrier made of porous fabric held up by wooden or metal posts secured into the ground.
- The fabric gathers sediment filled stormwater, causing sediment to be retained by the settling processes
- Is a sediment barrier that prevents the off-site discharge of harmful sediment release, to protect the natural environment.

Double silt fencing at the elevated guideway construction site

Mud mats

- A rough surface on the ground that causes vehicles to shake when crossing over it, allowing tires to sink slightly and remove mud.
- Mud mats or vehicle tracking pads help remove mud from construction vehicles to prevent mud from spreading off-site.

Mud mats at the elevated guideway construction site

Erosion and sediment control

Coir log installed at the elevated guideway construction site

Coir log dam

- Biodegradable fiber products designed to stabilize soil and support areas prone to erosion, such as riverbanks, slopes, streams and hillsides.
- They offer high strength and reinforcement with densely packed mattress coir fibers inside tubular coir twine netting.
- Coir logs promote vegetation growth, which further strengthens the soil and prevents erosion over time, ensuring long-term soil stability and environmental protection.

Erosion control blanket

- Erosion control blankets are used to prevent surface erosion and accelerate the establishment of vegetation.
- These blankets cover areas of open land to help prevent soil shifting and promote new plant growth before, during and after the construction
- Erosion control blankets provide a mechanically stabilized form of immediate cover, functioning as a barrier against both the detachment and transportation phase of the erosion process until vegetation or reinforced vegetation assume this function.

Erosion control blankets being installed at the elevated guideway construction site

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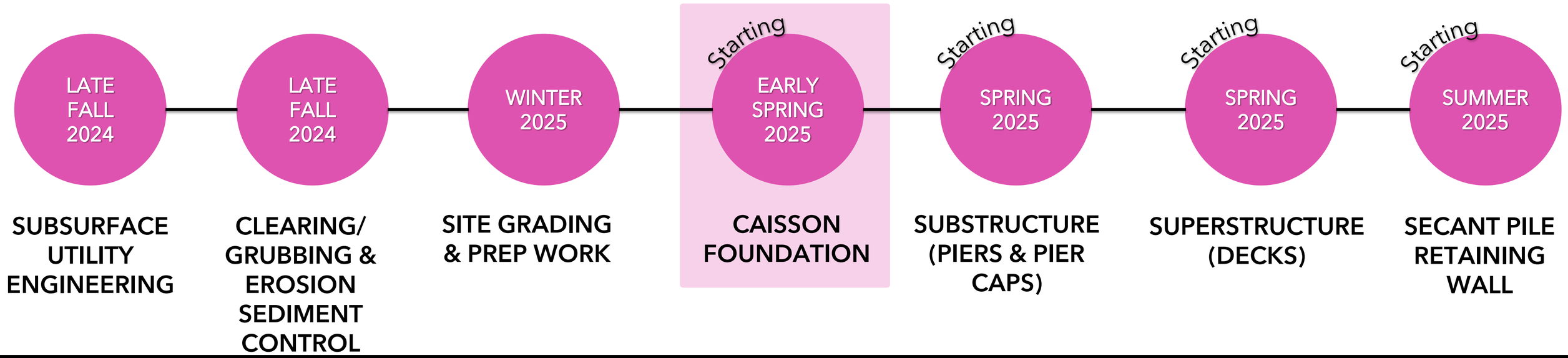
Elevated guideway construction - Foundation

Caisson foundation

- **Purpose**: Provides a deep foundation that is embedded into bed rock ensuring structural stability and load-bearing capacity, particularly in section with high load requirements.
- **Process**: Involves drilling large shafts into the ground to construct reinforced concrete foundations that support the guideway structure.

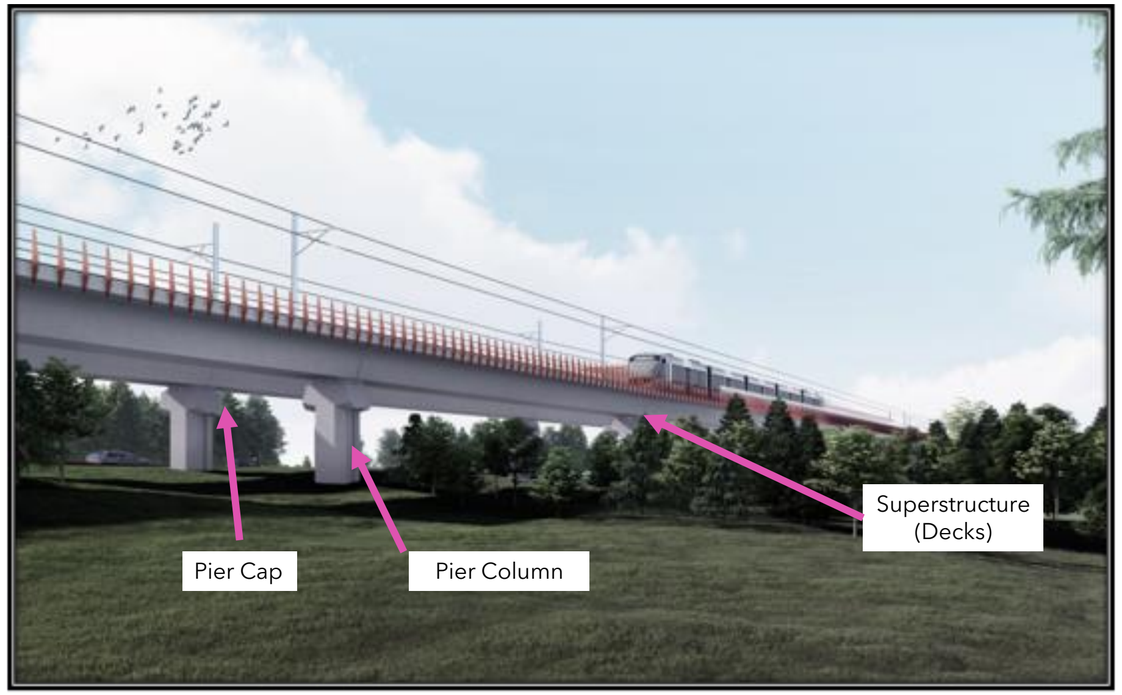
Example of caisson foundation
Source: Liebherr Group



Elevated guideway construction - Substructures

Piers and pier caps

- **Purpose:** Piers support a bridge by transferring its weight to the foundations, while pier caps distribute the load evenly across the piers, ensuring strength and stability.
- **Process:** Concrete pier columns will be constructed above the caisson and connected with a strong beam support (pier cap) off with pier caps to create a stable substructure for the guideway.



LATE FALL 2024	LATE FALL 2024	WINTER 2025	Starting EARLY SPRING 2025	Starting SPRING 2025	Starting SPRING 2025	Starting SUMMER 2025
SUBSURFACE UTILITY ENGINEERING	CLEARING/ GRUBBING & EROSION SEDIMENT CONTROL	SITE GRADING & PREP WORK	CAISSON FOUNDATION	SUBSTRUCTURE (PIERS & PIER CAPS)	SUPERSTRUCTURE (DECKS)	SECANT PILE RETAINING WALL

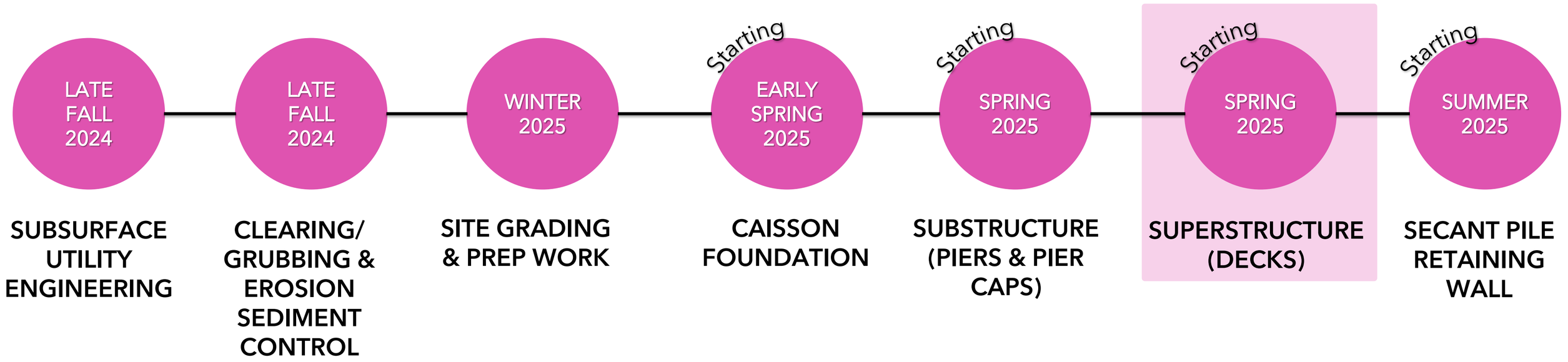
Elevated guideway construction – Superstructures

Decks

- **Purpose:** Forms the main horizontal structure that supports the transit system and distributes loads to the piers and pier caps.

- **Process:** Involves casting concrete deck slabs, beams supported by the piers, pier caps and other structural elements to create a continuous pathway.

Source: Ulma Construction



Elevated guideway construction – over the Humber River

- Balanced cantilever bridge construction method is used in situations where access is limited, and long span bridges need to be constructed.

- Aecon will use two cantilever bridge travellers to build the bridge from each side of the Humber river and connect the deck at the centre of the river.

To avoid entering the Humber River, Aecon will utilize the balanced cantilever bridge construction method.

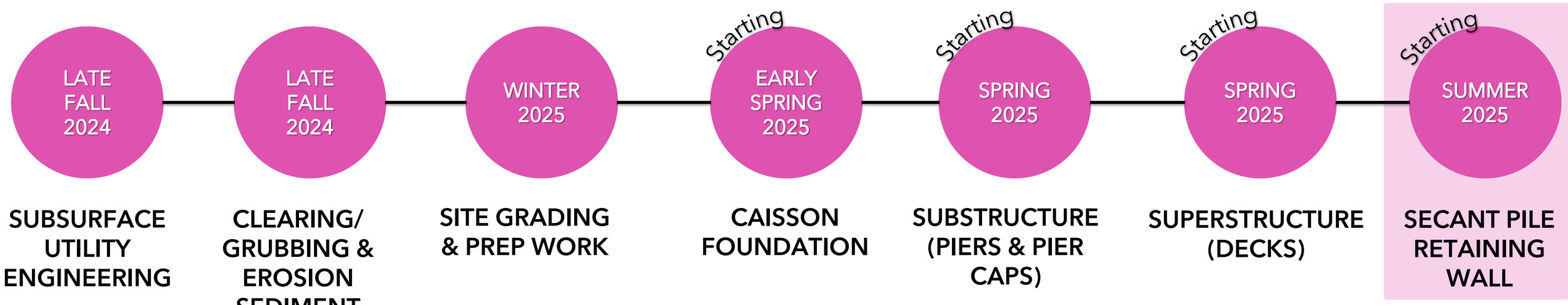
Disclaimer - The images are for conceptual purposes only and not a representation of the elevated guideway.

Elevated guideway construction – Retaining wall

Secant pile retaining wall

- A pile wall consists of overlapping (secant) concrete piles to form water-tight structural walls, with some piles being reinforced with steel beams.
- **Purpose:** provides structural support during construction that prevents movement of the soil, improves water-tightness and protects against erosion
- A pile wall will be built to safely stabilize the slope between Scarlett Road and the Humber River
- **Process:** Involves drilling overlapping concrete piles to form a continuous wall

Example of secant pile wall
Source: www.geotech.hr

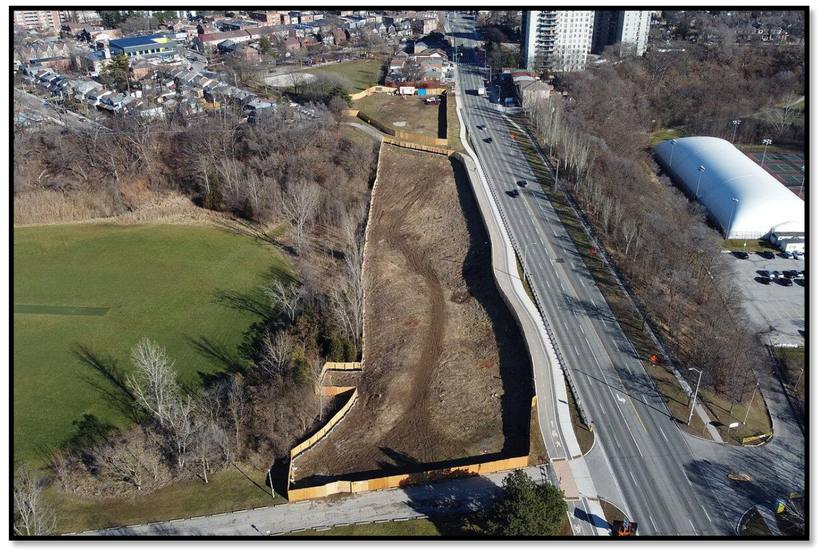


Construction impacts and mitigation

Construction impacts	Mitigation(s)
Safety	Pedestrian detours around heavy construction areas. Adjustment of access to public parks.
Access to local businesses	Business continuity plans such as advertising, maintaining access, and buying locally throughout the project.
Noise and vibration	Noise and vibration threshold monitoring. Activities completed during daytime hours.
Lane closures	Signs, flag persons, detours.
Mud tracking	From project site onto sidewalk or street. Mud mats and street sweepers with vacuum suction will be used.
Dust and air quality	Dust suppression will be used on a regular basis – watering the ground regularly to keep the dust suppressed, which helps maintain air quality.
Construction debris	Daily housekeeping to prevent buildup of construction waste.

Who we are - STRABAG

STRABAG Canada stands as a construction leader, renowned for its expertise in tunnelling across diverse terrains. The company's portfolio showcases a commitment to precision and innovation, with tunnel projects contributing to transportation networks, and water infrastructure in Canada.



Key Canadian projects:

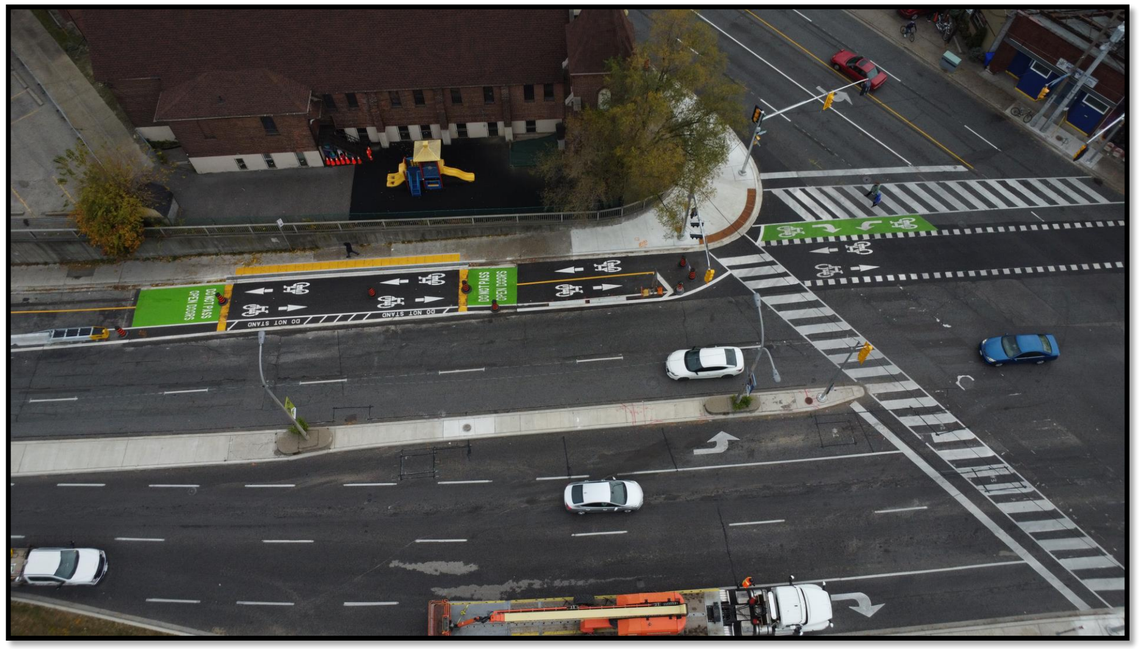
- Niagara Falls Water Treatment Plant
- Scarborough Subway Extension - Advance Tunnel
- Eglinton Crosstown West Extension – Advance Tunnel Contract 2
- Ashbridges Bay Wastewater Treatment Plant
- Highway 401 RER Tunnel Project

STRABAG
WORK ON PROGRESS

ATC2 - Completed work

Cycle track – Phase 2

- Phase two of the new bi-directional cycle path on the south side of Eglinton Avenue between Weston Road and Black Creek Drive is now up and running.
- The new cycle track will replace the existing cycle track on the north side of Eglinton Avenue during construction of the Eglinton Crosstown West Extension.



Demolition

- The demolition of houses at 11 and 13 Hollis Avenue is now complete to accommodate workspace, parking and a laydown area at Mount Dennis.
- The demolition works were completed by an Indigenous subcontractor in the local area.

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Completed work

Traffic deck installation for Jane portal tunnel

- A traffic deck is like a special bridge that lets people and cars move safely on top while workers dig and build underneath. It helps keep everything moving above ground, even during construction. The traffic deck is strictly for construction vehicles
- Traffic decks are built using steel and concrete columns for vertical support, steel beams that run horizontally, and deck panels that form the top surface. Together, these parts create a strong and stable platform so vehicles and pedestrians can safely pass over tunnelling or excavation work happening below.

Traffic Deck Installation for Jane Portal Tunnel

Installation of non-intrusive building monitoring activities

- Installed non-intrusive building monitoring equipment along Eglinton Avenue West by placing surface monitoring points (vibration monitor) on sidewalks and roadways to monitor structural movement.

Current work

Tunnel excavation – eastbound and westbound

- Tunnelling began in February 2025. Excavation is progressing at approximately 1.1 metres per day per tunnel.
- So far, about 48 metres have been completed in the westbound tunnel and 25 metres in the eastbound tunnel.
- To stay on schedule and minimize delays, tunnelling operations are being carried out 24/7.

Westbound tunnel at the Jane portal

Eastbound tunnel at the Jane portal

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Upcoming Work

Piling at Mount Dennis Station:

- Starting in spring 2025, STRABAG will begin piling works at the Mount Dennis Station plaza.

- This process involves creating a pile wall made up of overlapping drilled piles, some reinforced with steel beams, to form strong, watertight structural walls.

- A drilling machine will bore holes 13 to 24 metres deep and 1 metre wide around the site's perimeter. Casings (hollow tubes) will be installed section by section down to the bedrock.

- Once the holes are drilled and cleared, reinforcements are placed using a crawler crane, and concrete is poured to complete the piles and strengthen the ground ahead of excavation.

2025 Construction

Time	Activity	Location	Details & Purpose
Spring 2025	Continue with tunnel excavation	Jane portal	Excavating for 14 months for both eastbound and westbound tunnels, aiming at 1.1 metres of excavation per day.
	Borehole program for soil investigation	Jane Street to Mount Dennis Station	To investigate soil conditions along the route. This work is essential to inform the design and construction of the tunnel.
	GIMP Installation, maintenance and monitoring (for duration of the Project)	Jane Street to Mount Dennis Station	Geotechnical instrumentation and monitoring program (GIMP) is used to monitor the behavior of the ground and structures during tunneling.
Summer 2025	Pilling (end of spring to early summer)	Mount Dennis Station	Supporting the ground for the tunnel
	Sewer extension	Eglinton Avenue West between Fergy Brown Access Road and Midblock	To enhance the sewer system to meet project demands while ensuring continued reliable service for residents.
	Sewer relining (End of summer to early fall)	Guestville and Weston, along Eglinton Avenue West	To refurbish the existing sewer to improve its structural integrity, maintain performance and efficiency. Will be night works.

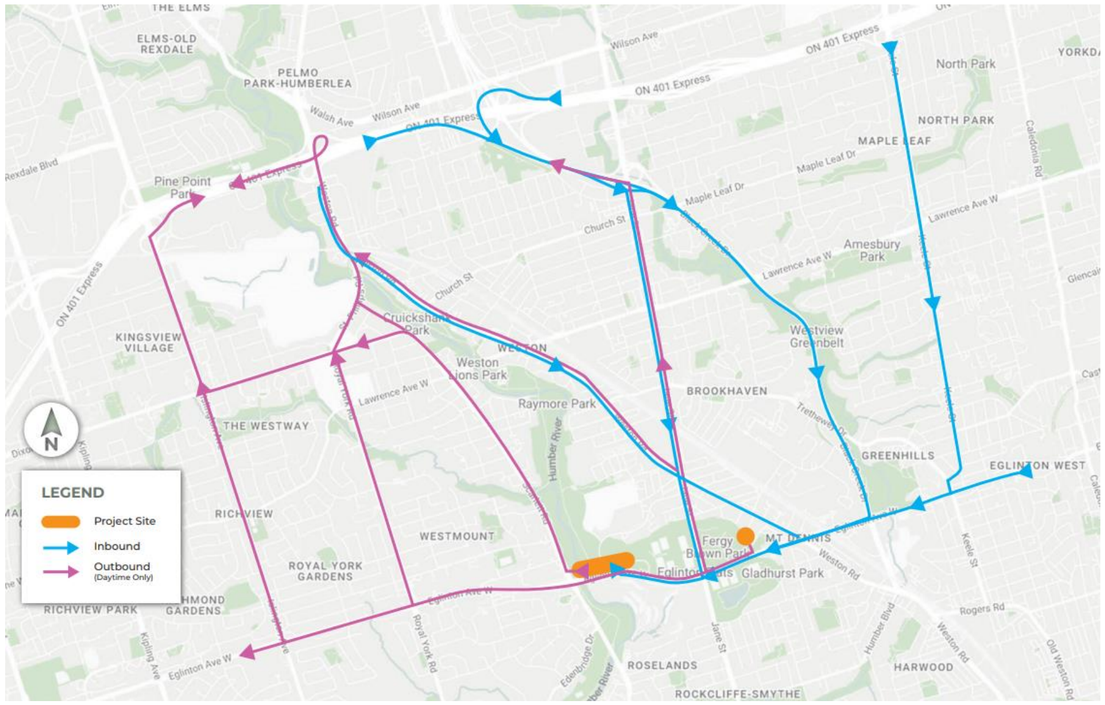
Truck routes

As we build the Eglinton Crosstown West Extension, keeping people safe is our priority - and that includes planning safe and efficient truck routes during construction.

Metrolinx works closely with its contractors and municipal partners to carefully plan truck routes that avoid residential areas and prioritize main roads whenever possible. We implement detailed traffic management plans that help coordinate truck movements to support safe operations as we bring transit improvements to the region.

Considerations when determining truck routes include:

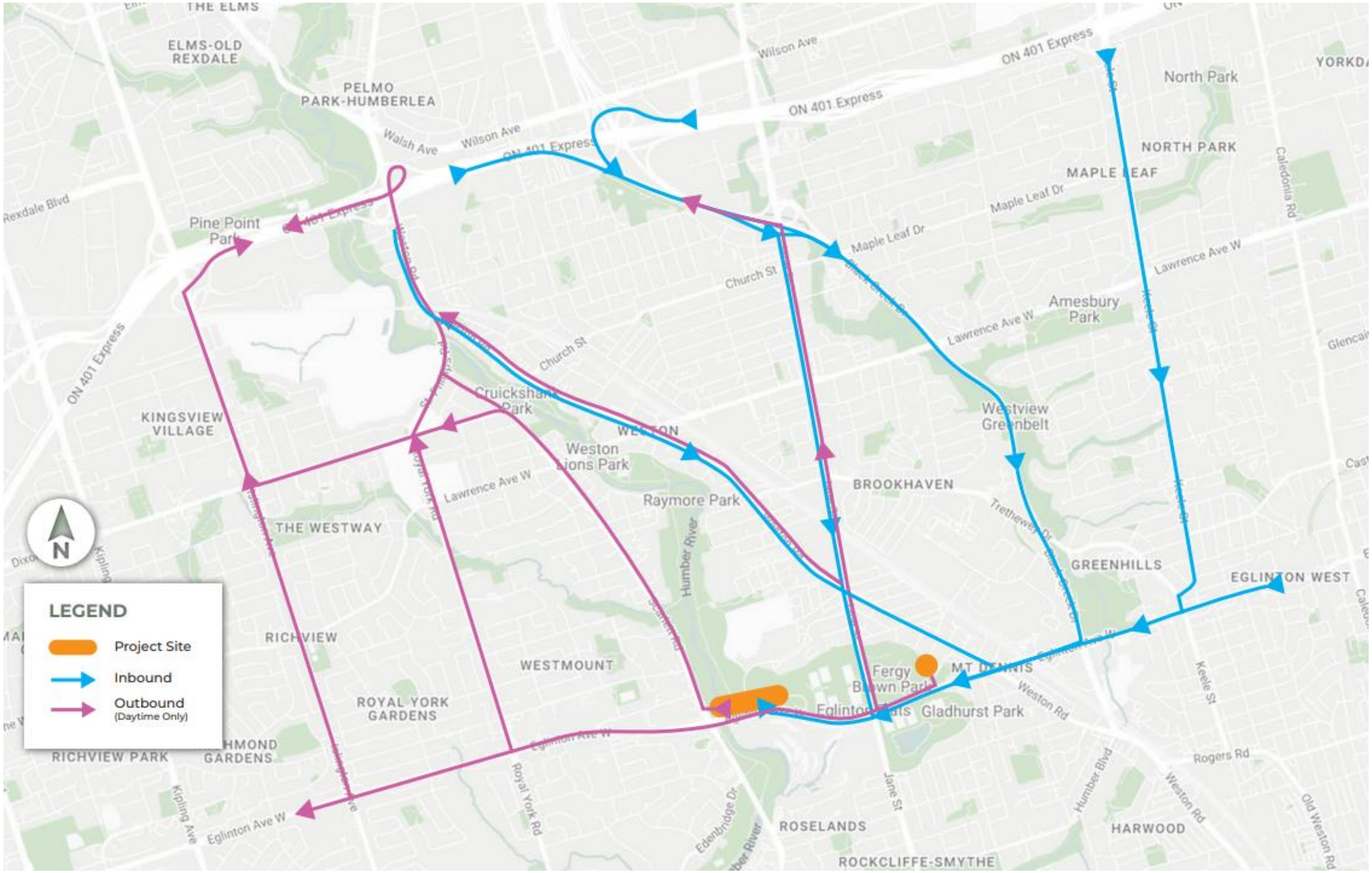
- avoiding quiet residential streets and opting for main city roads and highways whenever possible
- traffic patterns and other construction projects that are in the area, as well as pedestrian and cycling activity in the area
- Locations of sensitive areas and buildings like schools, hospitals and residences



Hauling and major delivery routes to and from the elevated guideway and tunnelling site

We will continue to work together with all our partners to find ways to enhance safety in communities across Toronto as we build this much-needed transit project. This includes regularly reviewing truck routes to update them as needed to respond to changing conditions and community feedback.

Truck routes



Community benefits and supports

Metrolinx community benefits and supports will be implemented across our transit projects region-wide and delivered in a consistent way to mitigate impacts on local communities and businesses. These benefits will be implemented through four pillars.

This pillar promotes apprenticeship training and workforce development opportunities for local communities and equity seeking groups including 10% hiring targets for BIPOC (Black, Indigenous, People of Colour), Women, apprentices and requirements for an anti-racism policy.

Pillar One: Employment Opportunities

Pillar Two: Local Business Supports

4-Pillar Community Benefits & Supports Program

Pillar Four: Community Improvement Supports

Pillar Three: Public Realm Improvements

This pillar builds and fosters relationships with local businesses to minimize and alleviate business disruptions and reduce the economic impacts as a result of construction, for example through shop local initiatives and procurement from local businesses.

We are working with communities as a connector to the right decision-makers to make improvements to public spaces surrounding transit project construction, where no funding is available.

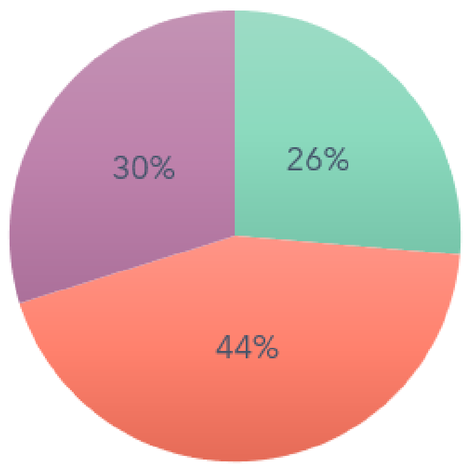
During the design and development phase of our projects, we are finding ways to leave the surroundings in an improved state when construction of the project creates temporary disruptions.

Community benefits and supports

Pillar One: Employment Opportunities

We are committed to hiring diversity in the workforce. Of all hires in 2024 for the elevated guideway and second tunnelling sections of the project

- 26% identified as women
- 44% identified as BIPOC (Black, Indigenous, People of Colour)



Pillar Two: Local Business Supports

Over $67,000 spent on local business supports including:

- Printing services
- Catering
- Signage
- Equipment

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Upcoming CLC & events

Spring 2025	Summer 2025
• 30 Denarda Street pop up. – Thursday, May 29th from 2:30PM – 4:30 p.m. • York Recreation Centre pop up - Thursday, May 8 & June 12 from 1:30PM – 2:30 p.m. • Jane's Walk - May 4 • 25 Fontenay Court pop up – May 1 & 15 2:30 to 4:30 p.m. • 39 Richview Road pop up – May 6 & 15 2:30 to 4:00 p.m. • 61 Richview Road pop up – May 6 & 15 2:30 to 4:00 p.m.	• Chalk my Walk - June • ATC2/EG Open House - June • CLC # 4 - June • Ice Cream in the Park - July • Community walks with the community engagement team – August • CLC #5 – August

What do you want to know more about?

We want to hear from you

Your voice matters – help shape our future presentations and updates.
What construction topics or works are you most interested in learning more about?

Here are a few examples to get us started:

- Geotechnical instrumentation and monitoring program
- Sewer extension
- Excavating for the tunnel
- Piling at Mount Dennis
- Construction timelines and milestones
- Environmental protection measures

Tell us what you'd like to hear more about at future meetings!

Thank you for joining the Construction Liaison Committee

Visit us at the community office

326 Scarlett Road

Tuesdays and Thursdays,
10 a.m. - 5 p.m. or by appointment

Want to know more?

Visit: metrolinx.com/EglintonWest
Email us: EglintonWest@metrolinx.com
@EglintonWestEXT
Call us: 416-202-8001

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