

# Davenport Diamond Guideway

## Construction Liaison Committee Meeting

### #32

January 2023

For more info: [metrolinx.com/davenport](https://metrolinx.com/davenport)  
 For further feedback: [TorontoWest@metrolinx.com](mailto:TorontoWest@metrolinx.com)



# AGENDA

- Welcome and Introductions
- Meeting Purpose, Expectations & Code of Conduct
- Safety Moment
- November CLC Minutes & Actions Items
- Construction Update
  - Project Overview
  - Construction Timeline
  - Construction Activity: Completed, In Progress & Four-Week Look-Ahead
- Committee Discussion
- How to Stay Informed
- Next Meeting

# MEETING PURPOSE, EXPECTATIONS & CODE OF CONDUCT

## PURPOSE

- The monthly Construction Liaison Committee (CLC) meetings are an opportunity for the community to receive a regular cadence of project updates, for Metrolinx to listen to your feedback and collectively come up with mitigation strategies in a respectful and constructive way.

## EXPECTATIONS

- During the presentation, please put yourself on mute to help us share all the project information. Once we finish our updates, we will have a discussion and answer any relevant questions you may have about the information we shared.

## CODE OF CONDUCT

- Keep requested agenda and discussion items within the scope of the CLC and participate in a respectful manner - do not interrupt when someone is speaking or dominate discussions and refrain from foul language and derogatory comments.

# 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**

## GRAHAM COMMUTER RAIL SOLUTIONS

# November 28<sup>th</sup> CLC MINUTES & ACTION ITEMS

# CONSTRUCTION UPDATE

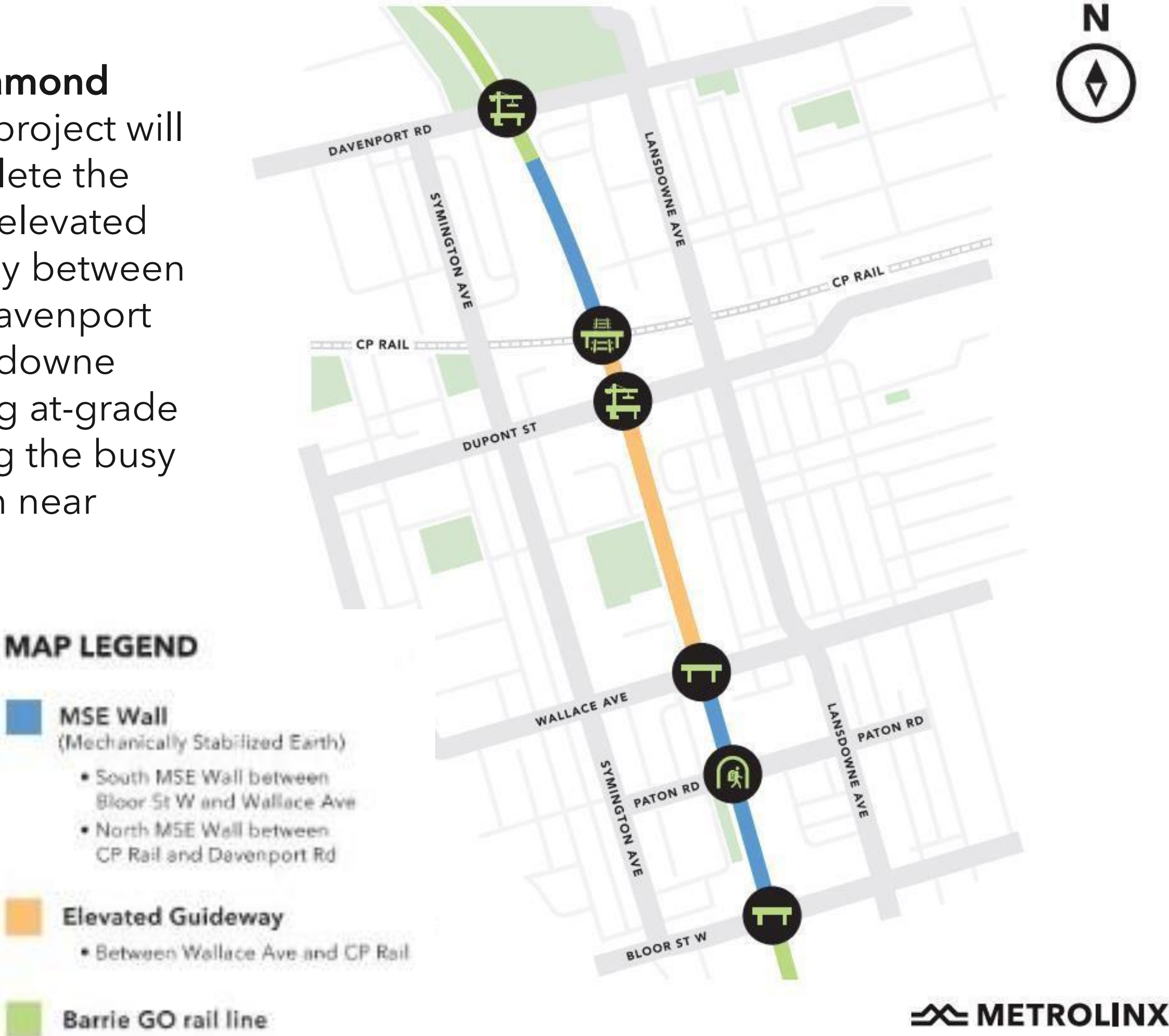
PROJECT OVERVIEW & CONSTRUCTION TIMELINE

COMPLETED, IN PROGRESS & FOUR-WEEK LOOK-AHEAD

# PROJECT OVERVIEW

## Davenport Diamond Guideway Project Map

The **Davenport Diamond Grade Separation** project will prepare and complete the construction of an elevated twin-track guideway between Bloor Street and Davenport Road, west of Lansdowne Avenue, eliminating at-grade crossings, including the busy CP Rail intersection near Dupont Street.



### INFOGRAPHIC LEGEND



Davenport bridge rehabilitation



New bridge over CP Rail tracks



Dupont bridge rehabilitation



New bridge at Wallace Ave



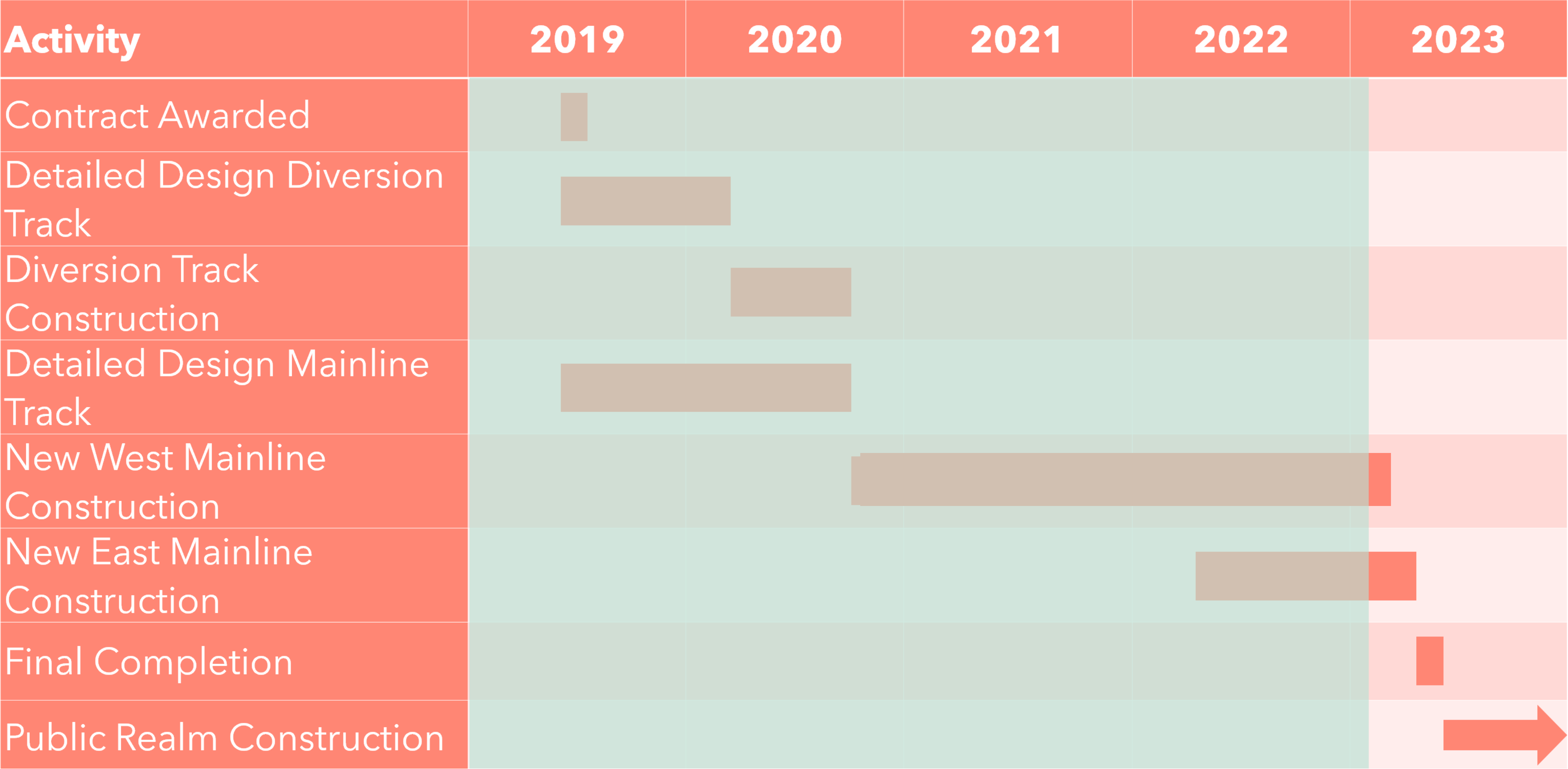
New pedestrian tunnel at Paton Rd



Bloor St bridge replacement



# CONSTRUCTION TIMELINE



# OVERNIGHT WORK

## Why is there so much overnight construction activity on this project?

The Davenport Diamond Guideway project poses unique challenges:

- We are working in an active rail corridor with GO trains passing by during the daytime. Weekday trains run until 11:30 p.m.
- We have very limited space to work within.
- We have limited access points into the rail corridor.

Because we are working next to a live track, we follow strict standards and guidelines that dictate what we can and cannot do under a train load, i.e., when trains are passing.

When our work affects or has the potential to affect the integrity of the track, that work cannot be done while trains are running; that work must be carried out when trains are not running, which is overnight. **This is the main reason for overnight construction on this project.**

*We work overnight to protect the track, train operators and passengers, our crews, the community, and nearby residents.*



# CONSTRUCTION ACTIVITY: COMPLETED

## Noise Wall Installation - Elevated Guideway

### When:

- The work was scheduled to take place from Tuesday, October 11 to January 11, 2022. Weekend work will only be as required.

### Hours:

- Nightly parking restrictions and overnight work in the Metrolinx corridor will be from 20:00 - 07:00

### What Was Happening:

- Nightly street parking restrictions on Antler Street between Symington Avenue and the Metrolinx rail corridor. There will be no impacts for sidewalks and driveways along Antler Street from Tuesday October 11 to January 11 between the hours of 20:00 to 07:00.
- Local residents can expect construction activity, noise, and lights. Crews will be using equipment in the corridor that will include a boom truck, pickup truck, crane and generators. General construction noise can be expected overnight that will confirm to allowable noise limits.





# CONSTRUCTION ACTIVITY: COMPLETED

## Staging Rail and Weld Rail Bars

### When:

- The work was scheduled to take place from Wednesday January 11, 2023 – Saturday January 14, 2023

### Hours:

- 21:00 – 07:00

### What was happening

- Staging of the East track rail occurring overnight from Davenport to south of Bloor St W. In addition to the staging of the east track rail, there will be installation of the remaining Weld Rail Bars on all welded joints of the diversion track north of CP bridge to Davenport.

### General Construction Noise –

- Back-up alarms, equipment noise and increased truck traffic.
- All vehicles and equipment on site equipped with back-up alarms.
- There is no expected vehicle or equipment idling.
- Artificial Lighting – All light plants will be pointed in the direction of the corridor and facing the ground.





# CONSTRUCTION ACTIVITY: COMPLETED

## Signals Mast Installation Work, immediately north of Davenport Rd

### When:

- Saturday January 21, 2023 – Sunday January 22, 2023

### Hours:

- 20:00 – 05:00

### What was happening

- Crews were working to install Signals Mast within the Metrolinx Corridor, immediately north of Davenport Road.

General construction noise was expected.

- Equipment includes excavator, plate tamper
- Lighting: Light towers



# CONSTRUCTION ACTIVITY: IN PROGRESS

## Electrical and Communications Rooms

Work is ongoing on the Electrical and Communications Rooms in the Metrolinx rail corridor, adjacent to Antler Street. The structural work for the buildings is completed. The installation of the electrical and communications equipment inside the buildings is ongoing.



*Design rendering of Electrical and Communications Rooms and Egress Stairway.*



# CONSTRUCTION ACTIVITY: IN PROGRESS

## Flooding and Surfacing Track with Ballast

### When:

- Monday January 23, 2023 - Friday February 10, 2023

### Hours:

- Continuous 00:00 – 23:59

### What is happening

- Crews will be working flooding and surfacing the new west main line track with ballast from 300m north of Davenport to the CP Diamond, and from Wallace Avenue to 600m south of Bloor Street W
- Noise: All vehicles to be equipped with broadband backup alarms. Grinding rail.
- Equipment: Pickup Truck, Heavy Rail Equipment, Dump Trucks





# CONSTRUCTION ACTIVITY: IN PROGRESS

## Coring Holes into Concrete Plinths on Elevated Guideway

### When:

- Thursday January 19, 2023 at 21:30 to Thursday February 9, 2023 at 05:00

### Hours:

- 21:30 to 05:00 daily

### What is happening

- Crews will be working on coring holes into concrete plinths located on the Elevated Guideway (between Wallace Avenue to the CP Diamond.)
- Local residents can expect construction activity, noise, and lights. The work being performed will require concrete cutting and drilling.
- Equipment used: Rock-drill, Hilti Drill.





# CONSTRUCTION ACTIVITY: IN PROGRESS

## Track Work

Track work is ongoing on the elevated guideway for direct fixation track work. Installation of Weld Rail Bars on all welded joints of the Diversion Track. Installation of track ballast and concrete ties along the North and South MSE walls.

**What to expect:**

- 1. Noise - Back-up Alarms, all vehicles to be equipped with broadband backup alarms. Operational Equipment Noise, no vehicle or equipment idling, Equipment noise and increased truck traffic
- 2. Noise impacts - All vehicles and equipment on site will be equipped with backup alarms.
- 3. Artificial Lighting impacts - All light plants will be pointed in the direction of the corridor and facing the ground as not to shine in any business or residential windows.
- 4. Equipment used:
  - a. Pickup Truck
  - b. F550 HiRail
  - c. wheel Loader
  - d. boom truck
  - e. Tamper
  - f. Ballast Regulator
  - g. Wheel excavator with concrete Tie Jig

# CONSTRUCTION ACTIVITY: UPCOMING

## Partial Lane Closure for Articulating Gate Removal

### What is happening

- Single lane closure to occur on the north side of Wallace Avenue (east side of the track) to have the gate removed and turn the signal head, crews will then flip the south side of Wallace Avenue (west side of the track) to have the gate removed and turn the signal head.
- Traffic and pedestrian impacts:

Single lane closure to occur on the north side of Wallace Avenue (east side of the track) to have the gate removed and turn the signal head, crews will then flip the south side of Wallace Avenue (west side of the track) to have the gate removed and turn the signal head. Pedestrians can expect to be detoured by personnel to opposite sidewalk on Wallace Avenue where work is not occurring.





# CONSTRUCTION ACTIVITY: UPCOMING

## Major Track Closure and Train Transfer to the Elevated Guideway

Coming Soon: Davenport Diamond Guideway Track Switchover

An important milestone in the Davenport Diamond Guideway is soon approaching – the track switchover to the elevated Guideway. By elevating a section of Barrie GO Line, it will allow GO Trains to travel above Canadian Pacific freight train tracks and traffic, improving GO service reliability and connecting commuters within our communities.



We will be communicating with the community more exact details of the timing of the track switch over and when GO Trains will be running on the Guideway as schedules are confirmed, and will be sharing these details through our e-news, mailouts, online postings of the @GoExpansion Twitter account, community canvasses and pop-up information sessions.

### What will be happening

- Track work and signals work for weekend train transfer, in the Metrolinx corridor, from 600m from South of Bloor St to 300m north of Davenport Rd. Over the weekend, crews will tie the new main line track into the existing main line track at the north and south limits of the project.
- Local residents can expect construction activity, excavation, noise, and lights. The work being performed will require heavy rail equipment and operating machinery (cranes, dozers, welders and grinders), and vibration. These disturbances can be expected at any time during the weekend including during the night.



# COMMITTEE DISCUSSION & QUESTIONS

# HOW TO STAY INFORMED & OUR NEXT CLC MEETING

# KEEPING YOU INFORMED

## Communication Methods:

- **Construction Liaison Committee (CLC)**
- Emails to Mailing List
- Weekly E-newsletter
- Construction Notices
- Project Website Updates
- Frequently Asked Questions (FAQ)
- Sharing through elected officials (e-newsletter)
- Metrolinx News Blog
- Wayfinding and Signage

## Engagement Tools:

- Virtual Open Houses via Metrolinx Engage
- Working or Advisory Group meetings
- Business Liaison
- Public Meetings
- Technical Tours
- Pop Ups
- Special Events



**Stay informed:** [metrolinx.com/davenport](https://metrolinx.com/davenport) & sign up to our Toronto West e-newsletter

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**Questions or comments:** [TorontoWest@metrolinx.com](mailto:TorontoWest@metrolinx.com) or 416-202-6911

William Norman, Community Relations and Issues Specialist



## NEXT CLC MEETING

- Our next CLC meeting will be held on February 27, 2023.
- Calendar invites will follow.

**THANK YOU & STAY SAFE**