

Davenport Diamond Guideway Construction Liaison Committee Meeting #33

February 2023

For more info: metrolinx.com/davenport
For further feedback: TorontoWest@metrolinx.com

AGENDA

- Welcome and Introductions
- Meeting Purpose, Expectations & Code of Conduct
- Safety Moment
- January 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

January 30th CLC MINUTES & ACTION ITEMS

CONSTRUCTION UPDATE

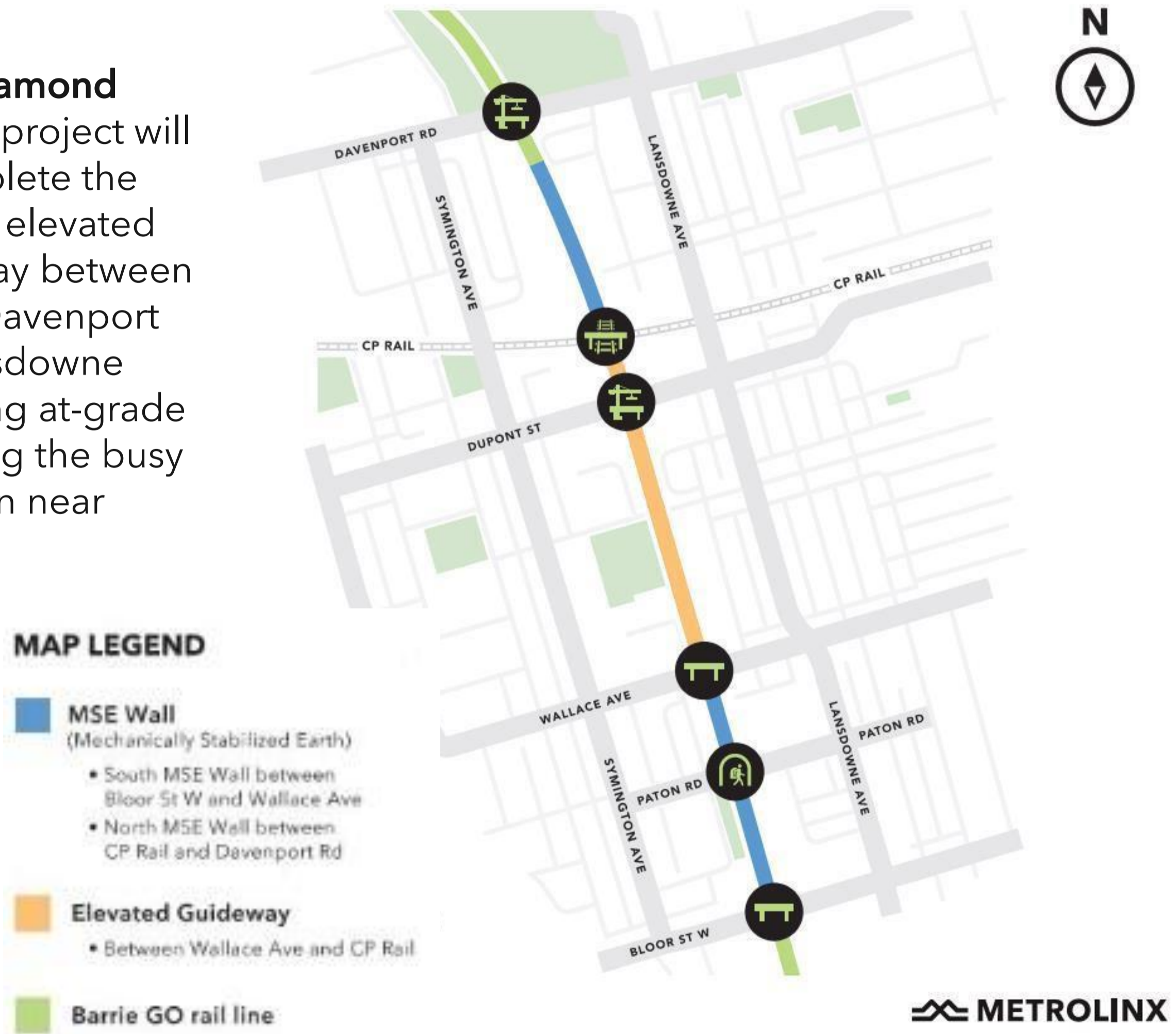
PROJECT OVERVIEW & CONSTRUCTION TIMELINE

COMPLETED, IN PROGRESS & FOUR-WEEK LOOK-AHEAD

PROJECT OVERVIEW

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.

Davenport Diamond Guideway Project Map



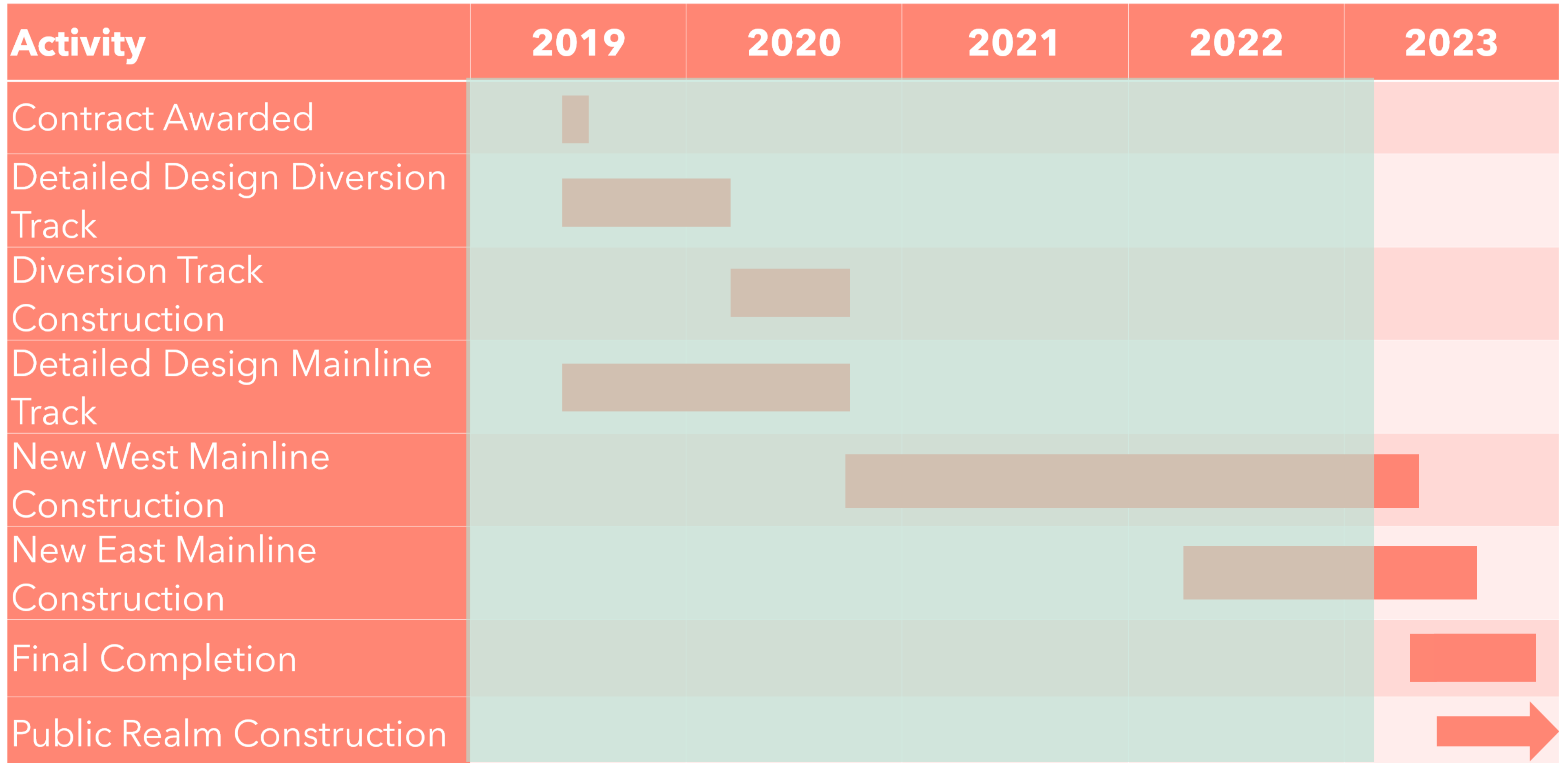
MAP LEGEND

- MSE Wall (Mechanically Stabilized Earth)**
 - South MSE Wall between Bloor St W and Wallace Ave
 - North MSE Wall between CP Rail and Davenport Rd
- Elevated Guideway**
 - Between Wallace Ave and CP Rail
- Barrie GO rail line**

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

Flooding and Surfacing Track with Ballast

When:

- ~~Monday January 23, 2023 – Friday February 10, 2023~~
- **Monday January 23, 2023 - Monday February 13, 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: COMPLETED

Ballast Fill in Metrolinx Corridor from approximately Wallace Avenue to Bloor Street W Bridge.

When:

- Wednesday February 15, 2023 - Saturday February 18, 2023

Hours:

- Continuous 00:00 – 23:59

What is happening

- Crews will be working overnight to fill the space between the duct bank and MSE walls from Wallace Avenue to approximately Bloor Street W bridge, with ballast.
- Local residents can expect construction activity and noise.
- Noise: All vehicles to be equipped with broadband backup alarms.
- Equipment: Pickup Truck, Heavy Rail Equipment, Dump Trucks

CONSTRUCTION ACTIVITY: COMPLETED

Coring Holes into Concrete Plinths on Elevated Guideway

When:

- ~~Thursday January 19, 2023 at 21:30 to Thursday February 9, 2023 at 05:00~~
- Thursday January 19, 2023 at 21:30 to Sunday February 12, 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: COMPLETED

Staging Rail and Weld Rail Bars

When:

- The work was scheduled to take place from ~~Wednesday January 11, 2023 – Saturday February 25, 2023~~
- **Wednesday January 18, 2023 – Saturday February 25, 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: 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

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. For the at-grade ballasted track south of Bloor and north of Davenport Rd, there will be ongoing track work installation.

What to expect:

1. Noise - Operational Equipment Noise, no vehicle or equipment idling 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. Track Tamping Unit
 - f. Ballast Regulator

CONSTRUCTION ACTIVITY: IN PROGRESS

Temporary, daily, partial lane closure will be required on Lane S Wallace E Rankin

A temporary, daily, partial lane closure will be required on Lane S Wallace E Rankin, west of the Metrolinx Barrie GO rail corridor, south of Wallace Ave, north of Paton Rd and east of Rankin Crescent, for the installation of cladding panels on the west side of the Grade Separation structures.

Closure is required for the staging of equipment needed to install cladding. The plan is to start from south end of the alley and work northwards. The entire area will not be occupied at once. Work zone will be blocked off with TC-54 barrels and will be removed when closure is not in use. East side of lane and east sidewalk will be closed temporarily. West side of lane will remain open for local traffic.

What to expect:

- Temporary disruptions to driveways – access to be maintained.
- Work zone will be blocked off with TC-54 barrels and will be removed when closure is not in use.
- Temporary disruptions to east side lane and east sidewalk.
- West side of lane will remain open for local traffic

Hours of Work:

- 07:00 -17:00

When:

- Monday February 13, 2023 – Friday March 31, 2023

CONSTRUCTION ACTIVITY: UPCOMING

Partial Lane Closure for Articulating Gate Signal Removal

What is happening

- Removal of the articulating signal gate at the Wallace Ave rail crossing, and turning the signal head.

Traffic and pedestrian impacts

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

Hours of Work:

- 22:00 - 02:00

When:

- This work will take place concurrently with the Major Track Closure and Train Transfer to the Elevated Guideway. Date is to be announced.



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



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Questions or comments: 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 March 27, 2023.
- Calendar invites will follow.

THANK YOU & STAY SAFE