

Hurontario Light Rail Transit Project

Construction Liaison Committee

Mississauga North &
Brampton South

APRIL 2021



AGENDA: APRIL 2021

- Welcome & Introductions
- Land Acknowledgement
- Safety Moment
- Construction Overview
- Mississauga South: Construction Update
- Traffic and Transit Management
- Tree Protections & Removals
- Communications and Community Partnerships
- Round Table Discussion



LAND ACKNOWLEDGEMENT

Let us take a moment to acknowledge that we are on the traditional territory of many nations. In particular, the Mississaugas of the Credit, the Anishnabeg (ah-nish-nah-bay), the Haudenosaunee (ho-deh-noshow-nee) and the Wendat (when-dat) peoples. We acknowledge that Metrolinx operates on these lands and has a responsibility to work with the original keepers of this territory and the many Indigenous Peoples living here today.

Safety Moment

CONSTRUCTION SITE AWARENESS

Safety is our number one priority.

Ensuring that everyone gets home safe at the end of each day is a shared commitment that we take very seriously.

This commitment can only be achieved in partnership with the staff on the job site and the broader community impacted by our work.

Metrolinx and Mobilinx promises to do our part by ensuring our work sites are kept clean, safe, and secure through regular safety focus audits and site inspections.

We are also committed to ensuring that the appropriate signage is in place to provide advanced communication about potential hazards for motorists, cyclists, and pedestrians to make informed decisions when travelling near construction sites.



Construction Overview

CONSTRUCTION ACTIVITIES

2020

- ✓ Pre-condition and legal surveying
- ✓ Boreholes, Geotechnical, and Test Pits investigations
- ✓ Sub Surface Utility Engineering
- ✓ Removal of most medians from Hurontario Street
- ✓ Installation of temporary traffic signals
- ✓ Construction at OMSF building
- ✓ Constructing foundational columns at the 407-overpass
- ✓ Tree protections, trimming, and removals
- ✓ Utility relocations

Early 2021

- Installation of Temporary Traffic Signals
- Removal of remaining medians at intersections
- Mobilization at Port Credit Station and Mary Fix Creek
- Tree protections, trimming and removals
- Utility relocations

Summer 2021

- Roadways, curbs, sidewalks
- Demolition of existing parking lot bridges at Mary Fix Creek
- Excavation and shoring for push box at Port Credit Station



Mississauga North: Construction Update

MISSISSAUGA NORTH WORK ZONES

Work Zone 10 - Eglinton Avenue to
Matheson Boulevard

Work Zone 11 - Matheson Boulevard to
Britannia Road

Work Zone 12 - Britannia Road to Madill
Boulevard

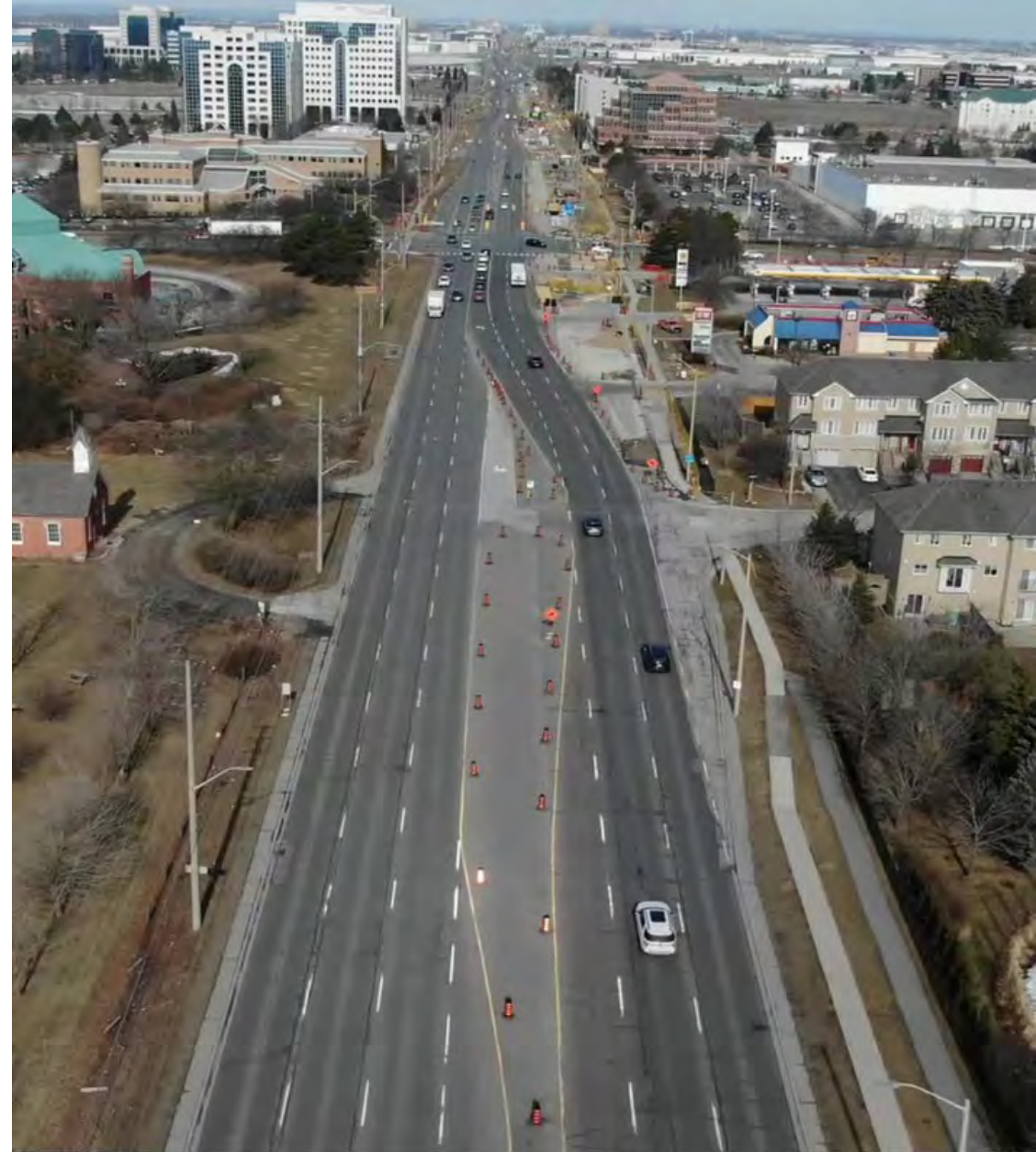
Work Zone 13 - Madill Boulevard to Derry
Road

Work Zone 14 - Derry Road to Highway 407
South Ramp



MISSISSAUGA NORTH CONSTRUCTION

- Alignment:
 - Utilities work began in the fall 2020 and are ongoing.
 - Crews have been installing watermain, storm sewer and other storm structures in the area between Matheson and Britannia.
 - Crews have also been working on installing Alectra duct banks in the area.
 - Once utilities work wraps up along the current side of Hurontario Street, traffic will flip to complete utilities works along the other side of the street this Summer
- Facilities:
 - Preparatory works for TPSS construction is expected to begin this Spring at TPSS 10, 11, and 12. This work will involve installation of perimeter fencing, silt fencing, scraping, and backfilling.



CONSTRUCTION OVERVIEW



CONSTRUCTION OVERVIEW



UTILITY RELOCATIONS: MINIMIZING TRAFFIC IMPACTS



1 MEDIAN REMOVAL AND INSTALLATION OF TEMPORARY TRAFFIC SIGNALS

Median removals completed to widen the road to allow for four lanes of traffic, two in each direction, and installation of temporary traffic signals during construction.



2 PARTIAL ROAD CLOSURE ON HURONTARIO STREET

One side of Hurontario Street will be closed for utility relocation work. Four lanes of traffic, two in each direction will be maintained at all times wherever possible.



3 TRAFFIC FLIP

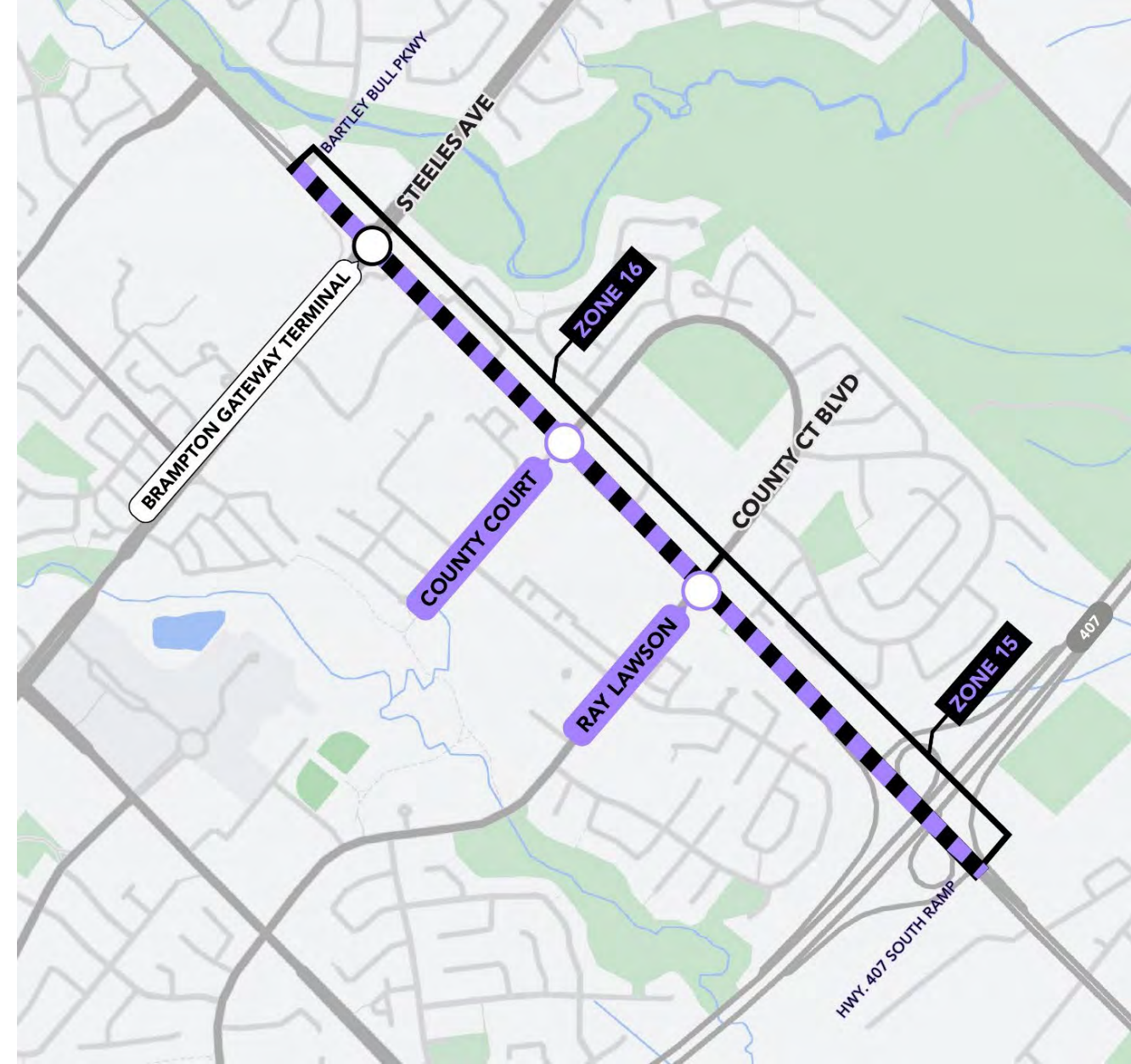
Traffic will be redirected to the other side of Hurontario Street for utility relocation work. Four lanes of traffic, two in each direction will be maintained at all times wherever possible.

Brampton South: Construction Update

BRAMPTON SOUTH WORK ZONES

Work Zone 15 - Highway 407
(South Ramp) to County Court
Boulevard

Work Zone 16 - County Court
Boulevard to Bartley Bull
Parkway



BRAMPTON SOUTH CONSTRUCTION

Alignment:

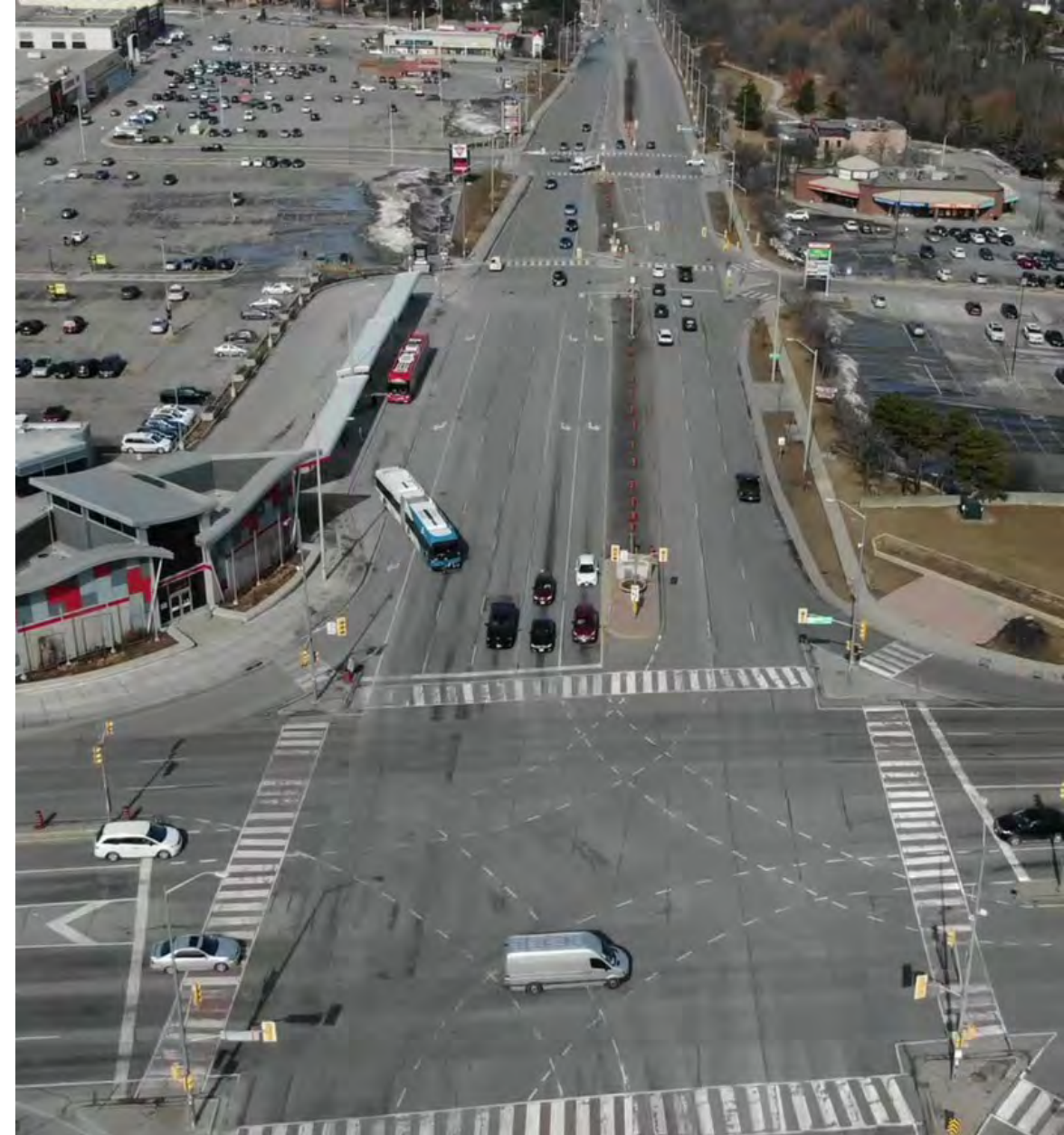
- Geotechnical and Environmental Testing began this Spring, providing information on soil and ground conditions to determine most appropriate method of construction specific to the area.
- Median removals at the HWY 407 bridge are completed.

Facilities:

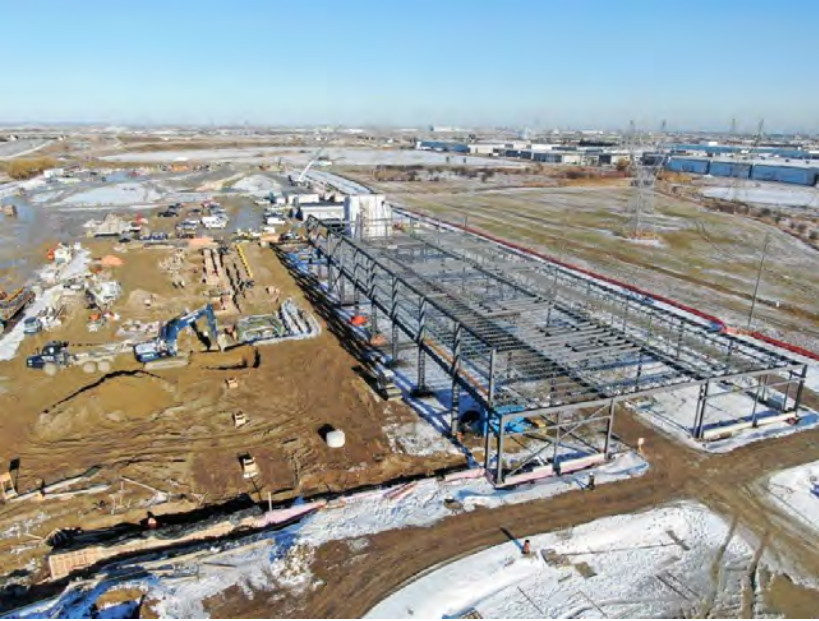
- Preparatory works for TPSS Construction is expected to begin this fall.

OMSF:

- Storm sewer, watermain, primary duct bank installation continues in the yard
- installation of metal deck, structural steel, skylights and roofing works continue at the buildings



OPERATIONS MAINTENANCE STORAGE FACILITY (OMSF)



Traffic and Transit Management

TRAFFIC MANAGEMENT

- Motorists, cyclists, and pedestrians will be advised of traffic pattern changes in advance (with enough time) to allow safe and appropriate routing change decisions.
- Signage used will include a combination of static and portable variable message signs (PVMS) ahead of major decision points including:
 - Major intersections along Hurontario St (e.g., Derry, Britannia, Burnhamthorpe, Queensway)
 - MTO highway interchange along Hurontario St (407ETR, 401, 403, QEW)
- Reminders not to use residential streets as detours will also be included where possible.
- Future traffic impacts will be communicated through construction notices, updates to the targeted distribution lists and on social media.



Road Signage

TRAFFIC MANAGEMENT AND PEDESTRIAN SAFETY

Our traffic, cyclist, and pedestrian protection plans are developed together with City of Mississauga, City of Brampton, Region of Peel, Metrolinx, Mobilinx and Peel Regional Police.

Prior to developing these plans, hazard assessments are conducted to ensure compliance with regulations and industry best practices.

This helps protect those working inside our work zones as well as those travelling around them. Traffic and pedestrian related concerns are received and addressed as follows:

- Community inquiries received through 311 and/or Region of Peel go directly to the Metrolinx community relations office and are forwarded to Mobilinx to immediately investigate and make any adjustments.
- Biweekly Traffic Management Committee meetings occur to discuss upcoming traffic plans and EMS services are consulted to bring forward any concerns to be addressed.



TEMPORARY BUS STOP PLATFORMS

During construction, bus stops will remain accessible through temporary boarding platforms. Wayfinding directing passengers to the stop, and bus stop markers, are provided and installed by MiWay.

Impacted bus routes are as follows:

- Brampton Transit Bus Routes 2,6, 7, 54, 56 and Züm route 502
- MiWay routes 17,25,39,42,43,57,70, 103 and 104.

The public will be notified in advance about these changes through:

- social posts
- distribution lists
- construction notices
- [MiWay.ca/updates](https://www.miway.ca/updates)

A number of temporary bus platforms were installed southbound from Derry Rd. to Prologist Blvd. and two were installed northbound at Traders Blvd. and Brunnel Rd. The table below outlines additional work zones that will have temporary platforms installed.

Work Zone	Projected Start Date
10 (Eglinton Avenue to Matheson Boulevard)	Early-September 2021
15 & 16 (Highway 407 South Ramp to Bartley Bull Parkway)	Mid-September 2021



Tree Protections & Removals

TREE PROTECTION AND REMOVALS

- Tree protections, trimming, and removals are underway, minimizing the impact wherever possible.
- All efforts have been made to protect the remaining tree shed, minimizing the impact of construction, by fencing them off.
- Prior to any removal of trees and small shrubs, they have been inspected by a biologist to ensure that any nesting birds would not be disturbed.
- In addition, arborist reports for permits had been finalized with input from Metrolinx, and the Cities of Mississauga and Brampton to understand the number and types of trees to be removed.



Communications and Community Partnerships

LABOUR AND SOCIAL ENTERPRISE UPDATE

- 1100+ = the total number of unionized employees that have been cleared to work on the project to date.
- 68 = the total number of apprentices that have been cleared to work on project to date.
- 147 = the total number of subcontractor and supply companies that have been safety reviewed and approved for physical work on the jobsite to date. All subcontractors on the project are using the Mobilinx apprenticeship template
- Of the unions we work with, Local Liuna 183, is the main trade union for all work on the project taking place outside of the Operation Maintenance Storage Facility Building (OMSF), and the sole partner with the Peel Community Benefits Network (PCBN) pilot program.
- To date, Mobilinx has procured \$1,673,418.25 of business through relations with local business and social enterprises since commencing operations in October 2019.



COMMUNITY RELATIONS UPDATE

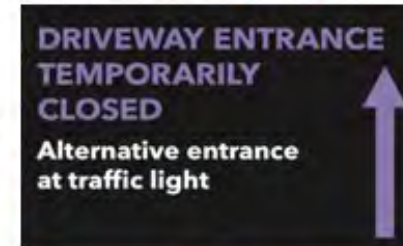
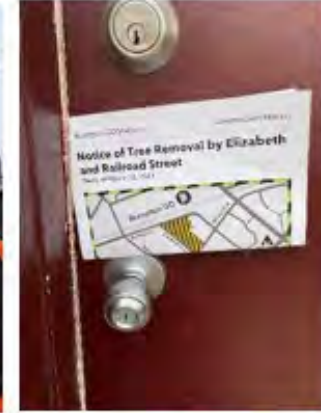
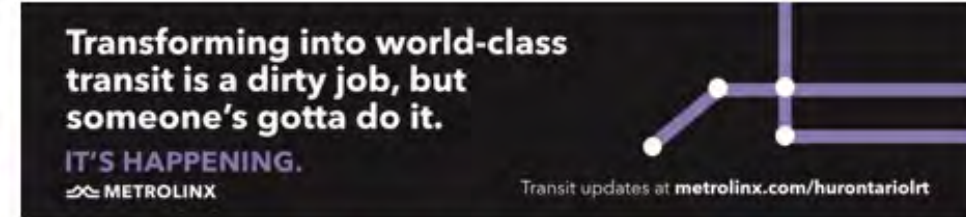
Signage on the Corridor: What's going on here?

Moving into the neighbourhood: Port Credit GO Station

Supporting business: Mississauga North Driveway Closures

Sharing the story with our future riders: Transit in Your Community School Presentations

Updated website
www.metrolinx.com/hurontarioLRT



COMMUNITY RELATIONS UPDATE

What's next? Continuing the (virtual) two-way conversations.

March: School presentations, It's Happening advertising campaign

April: Virtual CLC, Business Survey

May: Second - in person, in PPE - Community Canvass, Tradeshow Advertising

May/June: Third Virtual Open House, through Metrolinx Engage, Second Virtual Trade Show

Please sign up for the Peel newsletter and follow us @HurontarioLRT.

This is just the beginning...



...but we'll be here for you until the very end.

If you have questions about what's going on in your neighbourhood, we'd like to hear from you.

Here's how to get in touch with the Hurontario LRT team:

CALL US
(416) 202-7500

E-MAIL
peel@metrolinx.com

ENGAGE ONLINE
metrolinx.com/peel

METROLINX



COMMUNICATION & COMMUNITY RELATIONS: CONTACT US

Questions?

- Ask us at metrolinxengage.com/HuLRT
- Or contact us by phone, email, or on social media
- **Note:** Our Community Offices are open by appointment only due to COVID-19 precautions

For More Information

- Stay up to date with Metrolinx projects in your region!
Metrolinx.com/peel

Hurontario LRT Community Offices

Phone: 416-202-7500

Email: Peel@Metrolinx.com

3024 Hurontario Street unit G 12
Mississauga, ON. L5B 4M4

17 Ray Lawson Blvd unit 9
Brampton, ON. L6Y 5L7



@HurontarioLRT

Sign Up

for Peel Region updates and more from Metrolinx

Email*

Subscribe

Subscribe for the latest news from Metrolinx. You can unsubscribe at any time. Your personal information is being collected under the authority of the Metrolinx Act, 2006 in order to provide you with email communications about Metrolinx services.

For questions, contact: Manager, Customer Contact, Metrolinx, 20 Bay St, Toronto, ON, M5J 2W3, [\(416\) 869-3600](tel:416-869-3600).

Round Table Discussion



APPENDIX A: GLOSSARY OF CONSTRUCTION TERMS

Term	Definition
Culvert	Culverts are small channels that allow water to run under a road or railroad structure.
Wet Utilities	Examples of wet utilities are sanitary, storm water (rainwater), water main (potable water, fire hydrants)
Dry Utilities	Examples of dry utilities are power, underground conduits, fiber optics (telecommunications).
Guideway	The guideway is the structure the LRVs will operate at the HWY 403 crossing. This includes steel tracks, the concrete pads for tracks, and OCS poles. The elevated guideway is a structure with tracks raised above the street level, and civil works for the guideway includes anything below the grade of the guideway (duct banks for electrical cables, drainage etc.)
Roads, Curbs, Sidewalks	This involves preliminary works including drainage, catch basins, temporary paving, new curbs, sidewalks, and boulevards etc. Final paving and reinstatement occur as a part of the final landscaping and design package.
Push Box	An innovative method which uses hydraulic jacks & spreaders to move a cast-in-place concrete box carrying the entire underpass in a short period of time. It causes minimal disruption to surrounding traffic.
RSS/Retaining Wall	Retained Soil Systems Wall. The purpose of this wall is to retain soil in order to protect a change in grade.
Track works	Track works are at grade.

APPENDIX B: CONSTRUCTION UPDATE 2021

Zone	Activity
Brampton South	<ul style="list-style-type: none">• Most construction activities have been taking place at the Operations Maintenance and Storage Facility (OMSF) where the installation of new wet utility infrastructure is well underway, along with the erection of structural steel and metal decks that will form the OMSF building. The installation of dry utility infrastructure is expected to begin this spring.• Along the alignment this spring, geotechnical tests will be done to analyze ground conditions (i.e., clay, sand, rock etc.), to determine the most appropriate method for all construction activities specific to the area.• Utility relocations and roadworks are expected to begin this fall as well as construction of the Traction Power Sub-Stations• Site preparation of a laydown area to store construction materials will begin later this year at 7990 Hurontario Street.
Mississauga North	<ul style="list-style-type: none">• Ongoing works along the alignment includes the relocation of wet utilities, between Matheson Boulevard and HWY 407 followed by the relocation of dry utilities that began earlier this year.• As utility relocations continue, temporary bus platforms have been installed along the roadway to ensure that all bus stops remain safely accessible to commuters during construction, while minimizing disruption to local bus service.• Once utility relocations are completed on one side of Hurontario Street, roadworks will begin this spring/summer to re-grade and reinstate adjacent boulevards, storm water catch basins, curbs, and sidewalks.• Traffic along Hurontario Street is expected to flip this spring/summer to accommodate utility relocations on the other side of the road.
Mississauga Centre	<ul style="list-style-type: none">• With most of the medians removed from the centre of Hurontario Street, the remaining medians at the signalized intersections are removed as temporary traffic signals are installed this spring.• Following the installation of temporary traffic signals, utility relocations are expected to begin this summer, along with the start of construction for the elevated guideway and structural rehabilitation to the overpass at Highway 403.

APPENDIX B: CONSTRUCTION UPDATE 2021

Zone	Activity
Cooksville	<ul style="list-style-type: none">• With most of the medians removed from the centre of Hurontario Street, the remaining medians at the signalized intersections are removed as temporary traffic signals are installed this spring.• Following the installation of temporary traffic signals, utility relocations are expected to begin this summer, followed by roadworks this fall to reinstate adjacent boulevards, storm water catch basins, curbs, and sidewalks.• Enbridge work to relocate a natural gas line on Queensway West at Hurontario Street will begin this spring and is expected to last for three months.• With construction materials and equipment being stored at a portion of the Cooksville GO parking lot on the west side of Hurontario, Mobilinx will also begin to prepare a second laydown area at the overflow parking on the east side of Hurontario Street this spring.
Mississauga South	<ul style="list-style-type: none">• Alignment:<ul style="list-style-type: none">○ Work to install temporary traffic signals began early this year and are now complete between Park Street and Pinetree Way.○ Tree protections, trimming, and removals are expected to begin this spring and will be followed by utility relocations, road widening, and the reinstatement of storm water catch basins, curbs, and sidewalks this summer and into the fall.• Mary Fix Creek:<ul style="list-style-type: none">○ Tree protections, trimming, and removals occurred earlier this year. The diversion of the creek to one side of the canal will take place this spring. This will accommodate the construction of new flood walls this summer.○ As new flood walls are constructed, the existing parking lot bridges over the creek will be demolished and rebuilt this summer.○ Construction of a new bridge over the creek, extending Eaglewood Boulevard to Oriole Avenue is expected to begin this summer. Once completed, the existing bridge over the creek at Inglewood Drive will be removed.• Port Credit Station:<ul style="list-style-type: none">○ Early this year, construction crews mobilized in the south parking lot and have begun the removal of catch basins and light poles.○ The next steps will involve shoring and the auguring of caissons at the eastern portion of the parking lot this spring. This is done to prepare the area for excavation this summer and the construction of a concrete box (forming the station's outer walls) that will be pushed underneath the Lakeshore West railway corridor towards the end of the year.