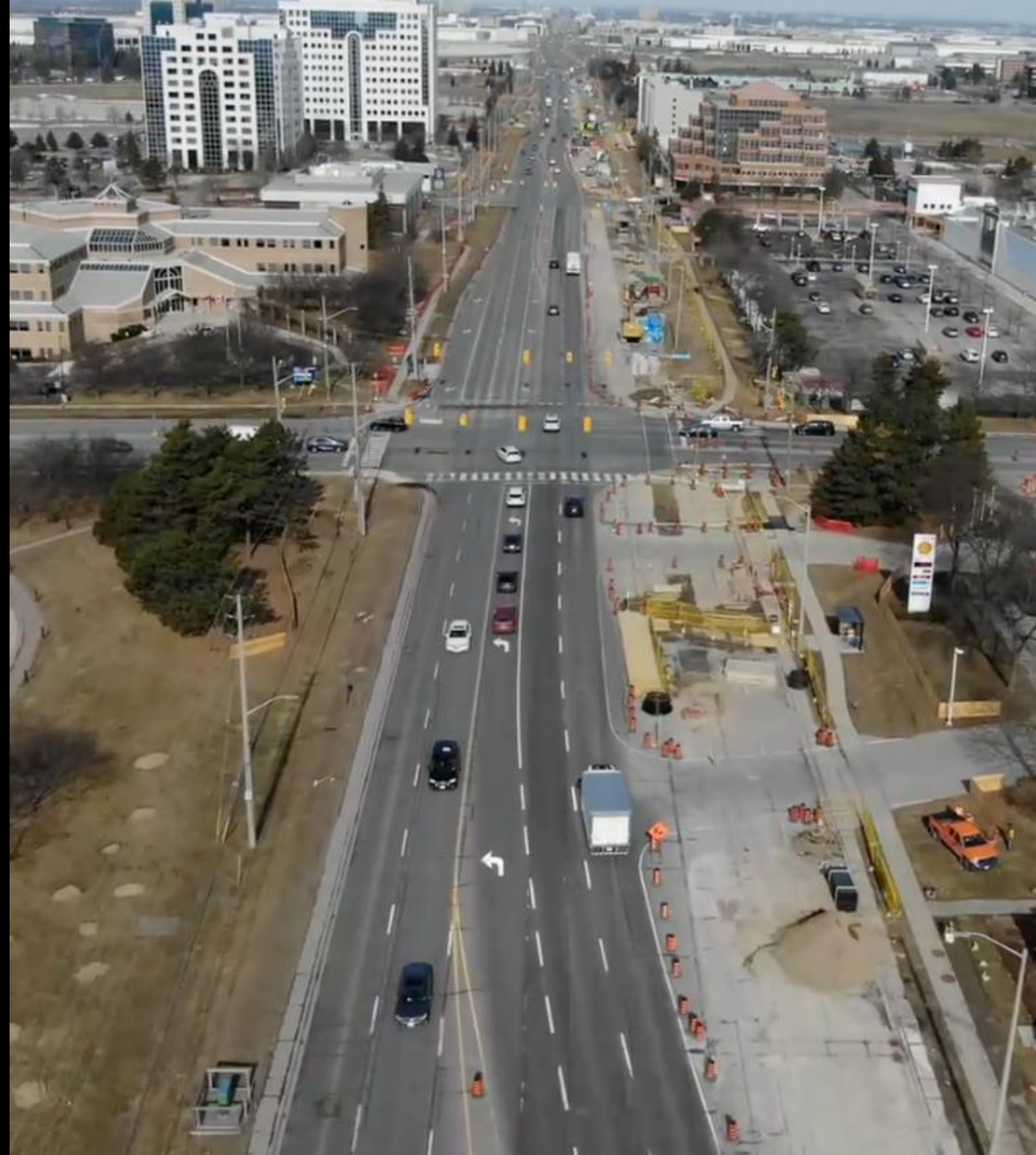


Hurontario Light Rail Transit Project

Virtual Open House

Fall 2021



PROJECT UPDATE: SPRING 2021

To provide updates on the Hurontario LRT (HuLRT) Project for the following:

- Construction Safety
- Construction Overview
- Neighbourhood Updates
- Environmental Sustainability
- In the Community



Safety

EMERGENCY RESPONSE DRILLS

Safety is at the core of everything we do.

The Mobilinx team conducts regular emergency response drills, to ensure everyone knows what to do if something unexpected occurs.

These drills allows us to better prepare staff for the potential threats of working in highly populated areas so they can protect themselves and the public.

Mobilinx also conducts regular hazard assessments and uses the feedback provided by supervisors to proactively evaluate potential threats on the job site and make safety improvements.

The emergency response drills are just one example of what we're doing to keep both staff and the community safe.

As a result, we have over one million hours of work without a lost time injury on the Hurontario LRT project.



SAFETY AROUND CONSTRUCTION AND EMERGENCY SERVICES

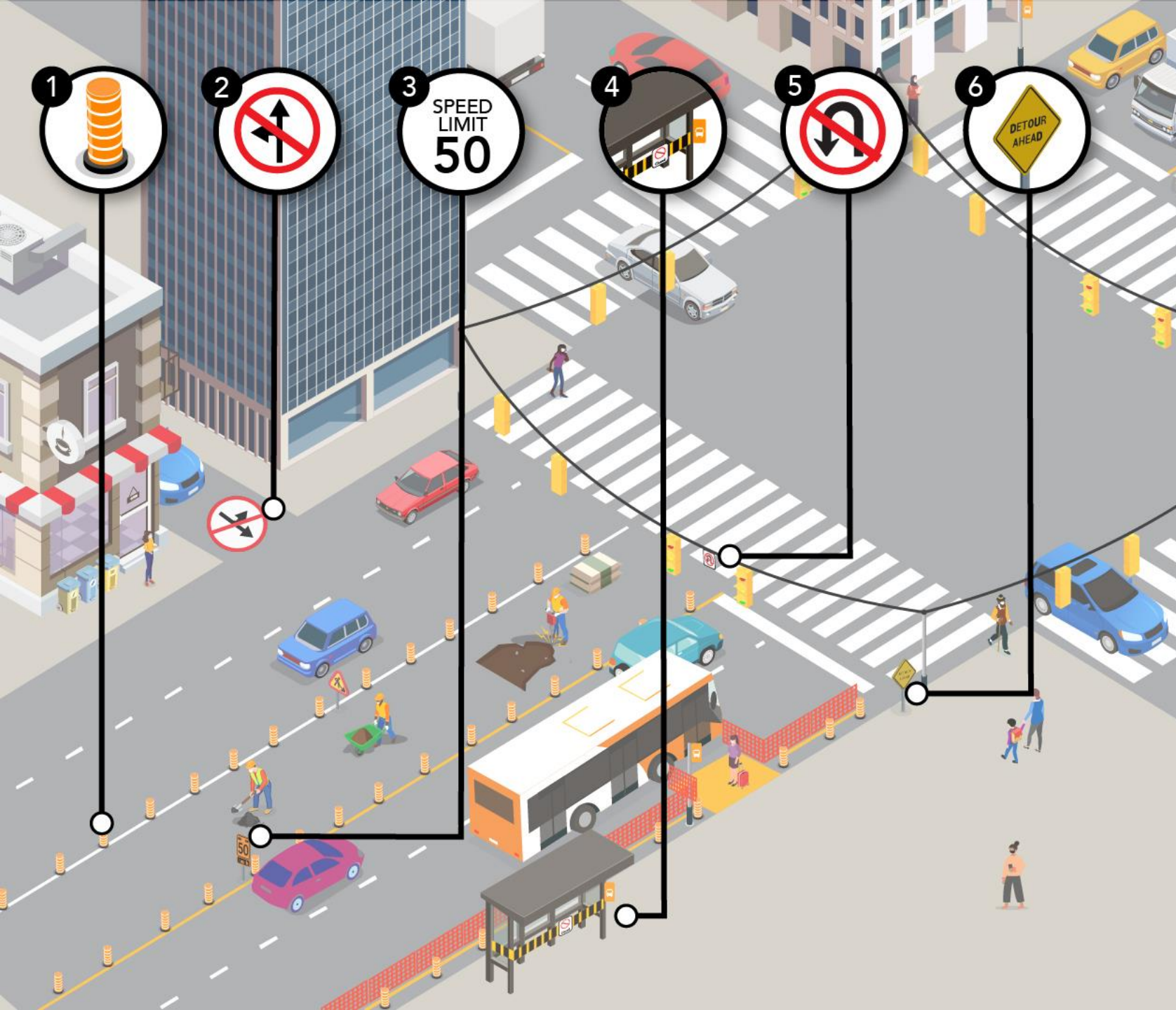
From design to construction, safety is always on top of mind for teams working on the Hurontario LRT Project. But that doesn't happen without special planning in cooperation with EMS, police, and fire.

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. In addition, access to many businesses and homes are converting to right-in and right-out access – which refers to the way traffic will need to flow, so essentially no left turns from driveways. When the Hurontario LRT is operational, commuter vehicles will be prohibited from making left turns at non-signalized intersections, including driveways. This is done to minimize the risk of a collision between vehicles and LRVs. Signage and traffic signals will be visible to direct drivers, pedestrians, and cyclists away from the tracks, for their safety and the safety of others.

All of this helps protect those working inside our work zones as well as those travelling around them. To learn more, check out the Metrolinx blog story on how interactions between the Hurontario LRT and first responders has been a priority while planning the route. Metrolinx and HuLRT constructor Mobilinx, as well as our partners at the City of Brampton and City of Mississauga, continue to consult with fire and emergency services to not only ensure that emergency vehicles can easily and safely navigate construction areas, but also Hurontario Street once the light rail vehicle (LRV) is running.

At any time, the LRV operator can slow the LRV to allow an emergency vehicle to safely pass. Traffic flow on Hurontario will change for some residents and businesses to right in and right out access only. Maintaining safe access for emergency vehicles has been a priority consideration through planning and design. [Learn more →](#)



SAFETY AROUND CONSTRUCTION

- 1 Traffic barrels guide motorists around construction sites**
Traffic barrels indicate areas of active construction, do not cut through, move or relocate barrels.
- 2 No left turns permitted**
Left hand turns are prohibited in some areas along Hurontario Street due to construction. Signs will indicate turning restriction for motorists where applicable.
- 3 Be mindful of speed limits**
Speed limits are reduced to 50km near active construction sites to protect onsite workers.
- 4 Temporary bus platforms have been installed**
During construction, temporary bus boarding platforms have been installed for your safety. Wayfinding and bus stop markers direct passengers to the stop location.
- 5 No U-turns permitted**
U-turns are prohibited near active worksites for the safety of you and your passengers. Please pay close attention to signage prohibiting U-turns.
- 6 Pay attention to detours**
Signs directing pedestrians and cyclists safely around work zones have been placed near active construction sites.

SAFETY ON A CONSTRUCTION SITE

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.

We promise 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

PERSONAL PROTECTIVE EQUIPMENT (PPE) SAFETY ON THE CONSTRUCTION SITE

Hard Hat

Hard hats or safety helmets protect from possible head injury due to falling debris and other related incidents.

Construction Vest

Every construction personnel wears a reflective safety vest to protect them from possible hazard due to lighting, weather changes, and other risks to enhance their visibility on site.

Protective Boots

Safety boots with steel toe cap coverings and soles protect feet from possible injuries.

Safety Glasses

Safety glasses or goggles reduce the potential risk of exposing the eyes and face from hazards.

Gloves

Safety gloves protect personnel when handling rough, sharp and excessive coarse materials.



SAFETY ON A CONSTRUCTION SITE

Add progress graphic and words

Structures

STRUCTURES

Port Credit GO -Do we have enough to do a step by step in photos to where we are today - adding the why use the blog

Mary Fix Creek - Do we have enough to do a step by step in photos to where we are today - adding the why use the blog

Bike lanes

CYCLING THE CORRIDOR?

Add in a few paragraphs about cycling along the corridor, the MUT being extended. With new graphic - WHY IS IT BENEFICIAL

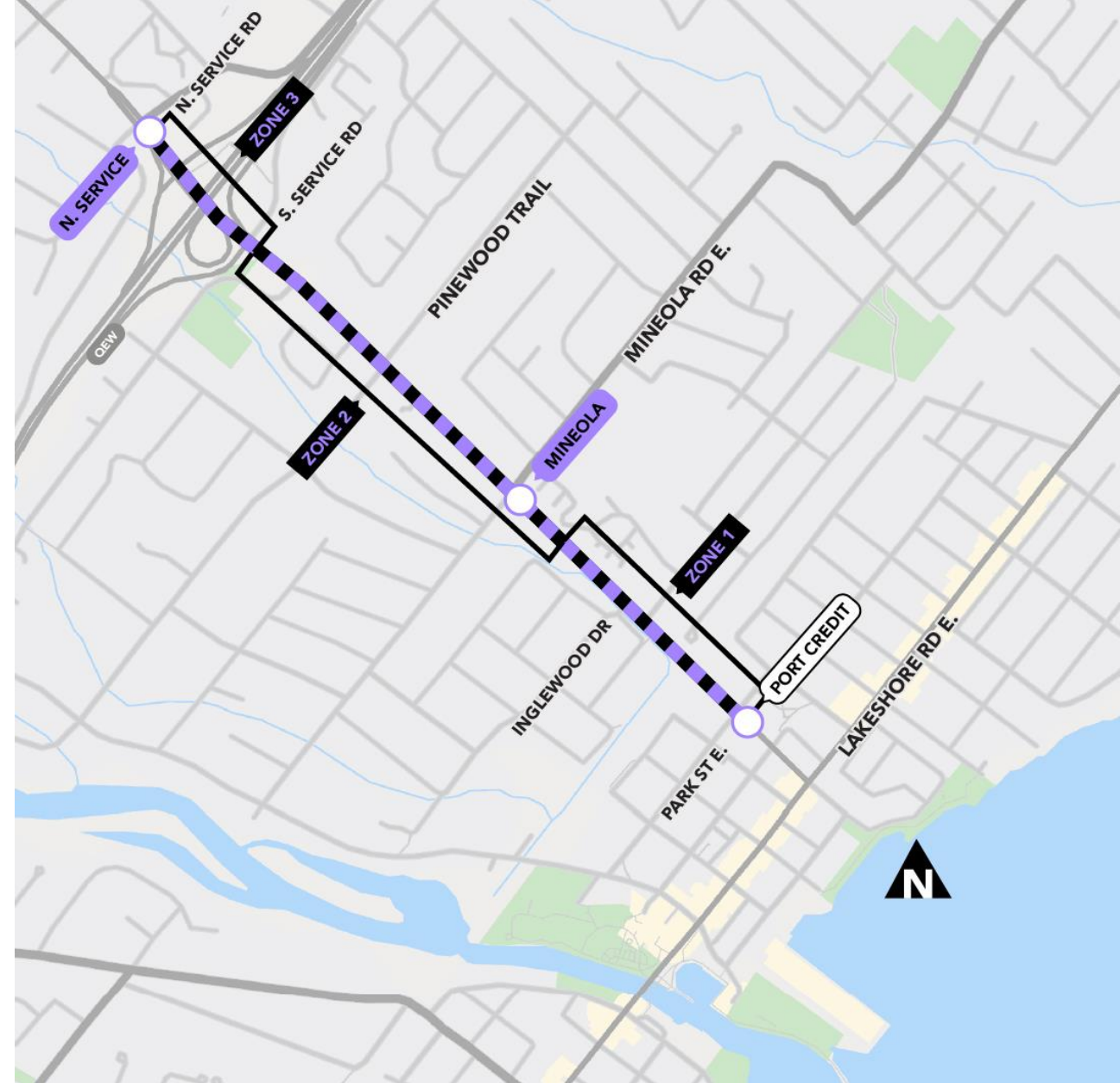
Neighbourhood Updates

MISSISSAUGA SOUTH WORK ZONES

Work Zone 1 - Park Street to Inglewood Drive

Work Zone 2 - Inglewood Drive to South Service Road

Work Zone 3 - QEW North ramp to Harborn Road

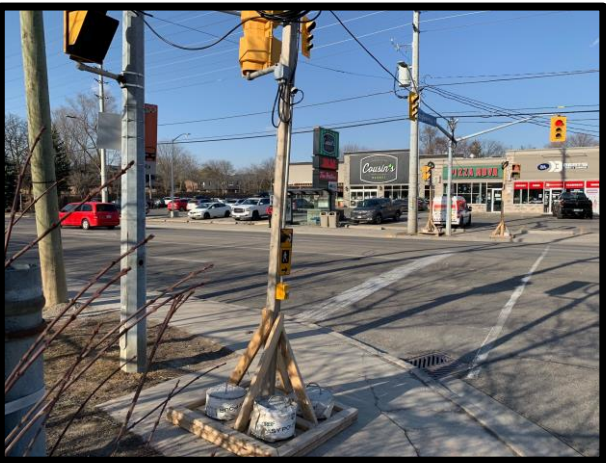




Hurontario LRT



MISSISSAUGA SOUTH - CONSTRUCTION UPDATE



The installation of temporary traffic signals between Park Street and Pinetree Way were completed early this year to prepare the roadway for a shift in traffic this summer

Spring 2021

Summer 2021

Some trees in the road allowance along the corridor will have to either be protected, trimmed, or removed to make way for road widening south of the QEW, sidewalks and multi-use trails



Temporary bus platforms will be installed at MiWay bus stops this spring and summer to safely accommodate transit riders and minimize impacts of utility relocations and roadworks on local transit

Fall 2021

Utility works will begin along one side of Hurontario Street this summer, starting at Park Street, moving north. This work will occur in stages continuing into the fall and will last the remainder of the year. A new bridge, extending Eaglewood Boulevard to Oriole Avenue, is expected to begin this summer. Once completed, the existing bridge over the creek at Inglenood Drive will be removed.



MISSISSAUGA SOUTH - MARY FIX CREEK & PORT CREDIT STATION



Tree removals occurred earlier this year, followed by the diversion of the creek to one side of the canal using sandbags and the installation of a temporary [pedestrian bridge](#) at the GO station. This is done to prepare for the construction of new flood walls

Spring 2021

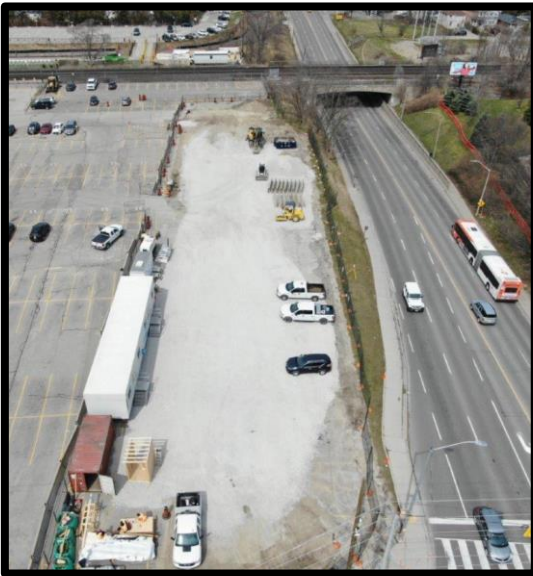
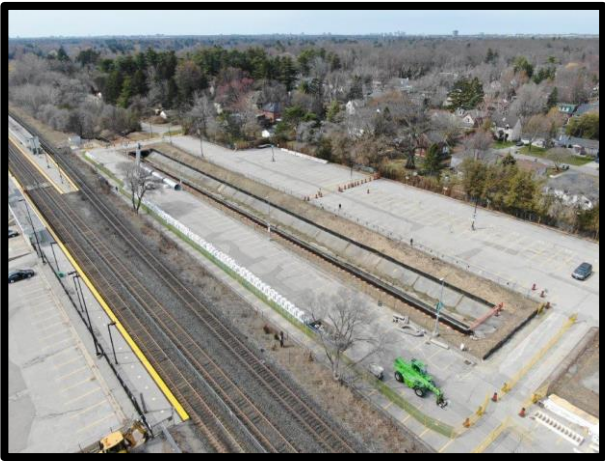
Summer 2021



Once structural supports have been installed at the eastern side of the Port Credit Station parking lot, the area will be prepared for the construction of a large concrete box that will form the outer walls of the LPT station.

Fall 2021

Once constructed, the box will be pushed underneath the railway bridge beginning this fall.

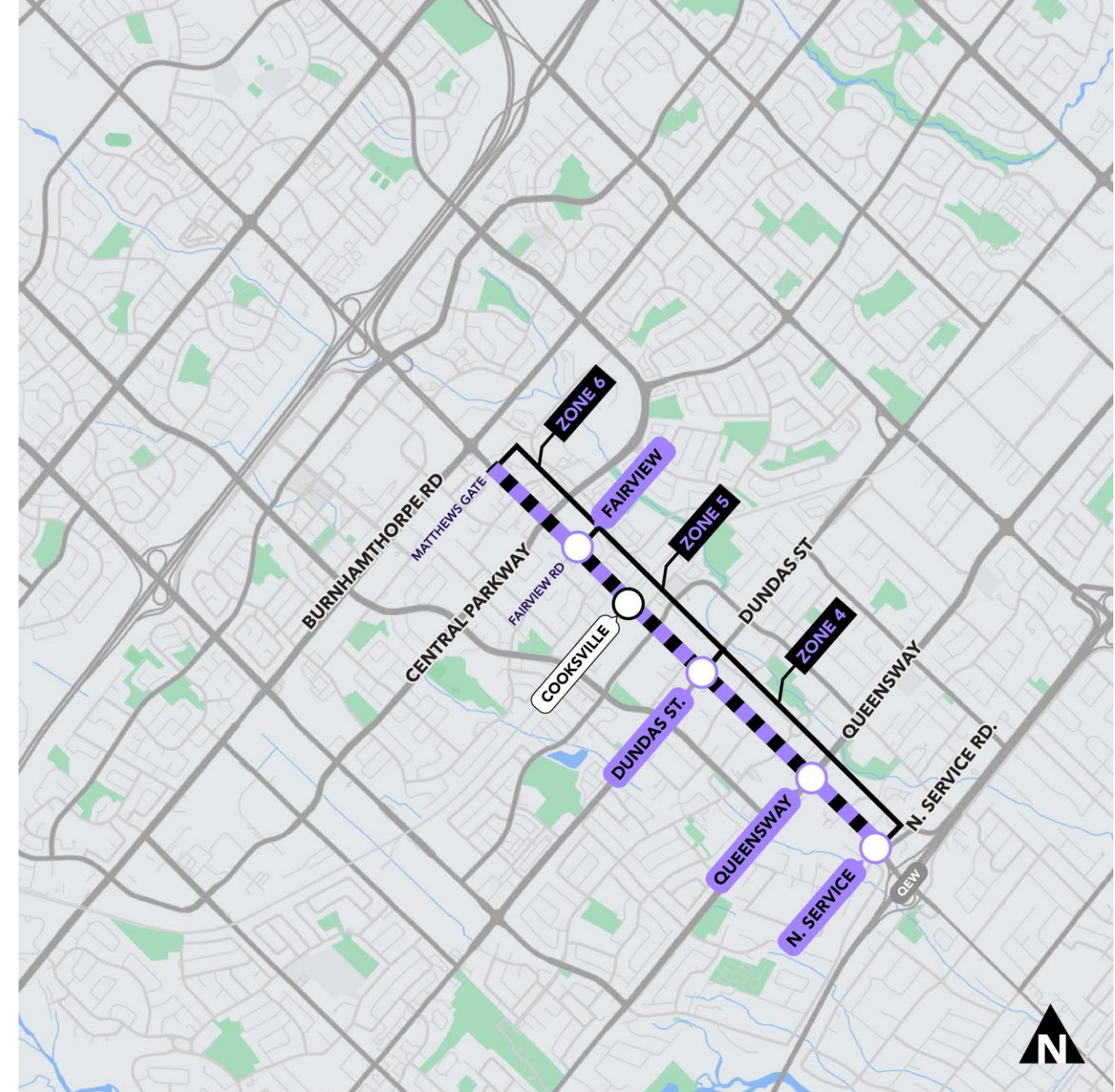


COOKSVILLE WORK ZONES

Work Zone 4 – North Service Road to Dundas Street

Work Zone 5 – Dundas Street to Fairview Road

Work Zone 6 – Fairview Road to Matthews Gate





Hurontario LRT



COOKSVILLE CONSTRUCTION UPDATE



Enbridge has begun relocating a natural gas line on Queensway West at Hurontario Street to ensure the safe and reliable delivery of natural gas to customers in the area during LRT construction. This work is expected to last for three months.

Spring 2021



Summer 2021

The installation of temporary traffic signals, and the repainting of traffic lanes, will begin early summer to prepare the roadway for a shift in traffic for upcoming utility and roadworks.



Following the installation of temporary traffic signals and the repainting of traffic lanes, utility works along one side of Hurontario Street are expected to begin this summer.

Fall 2021

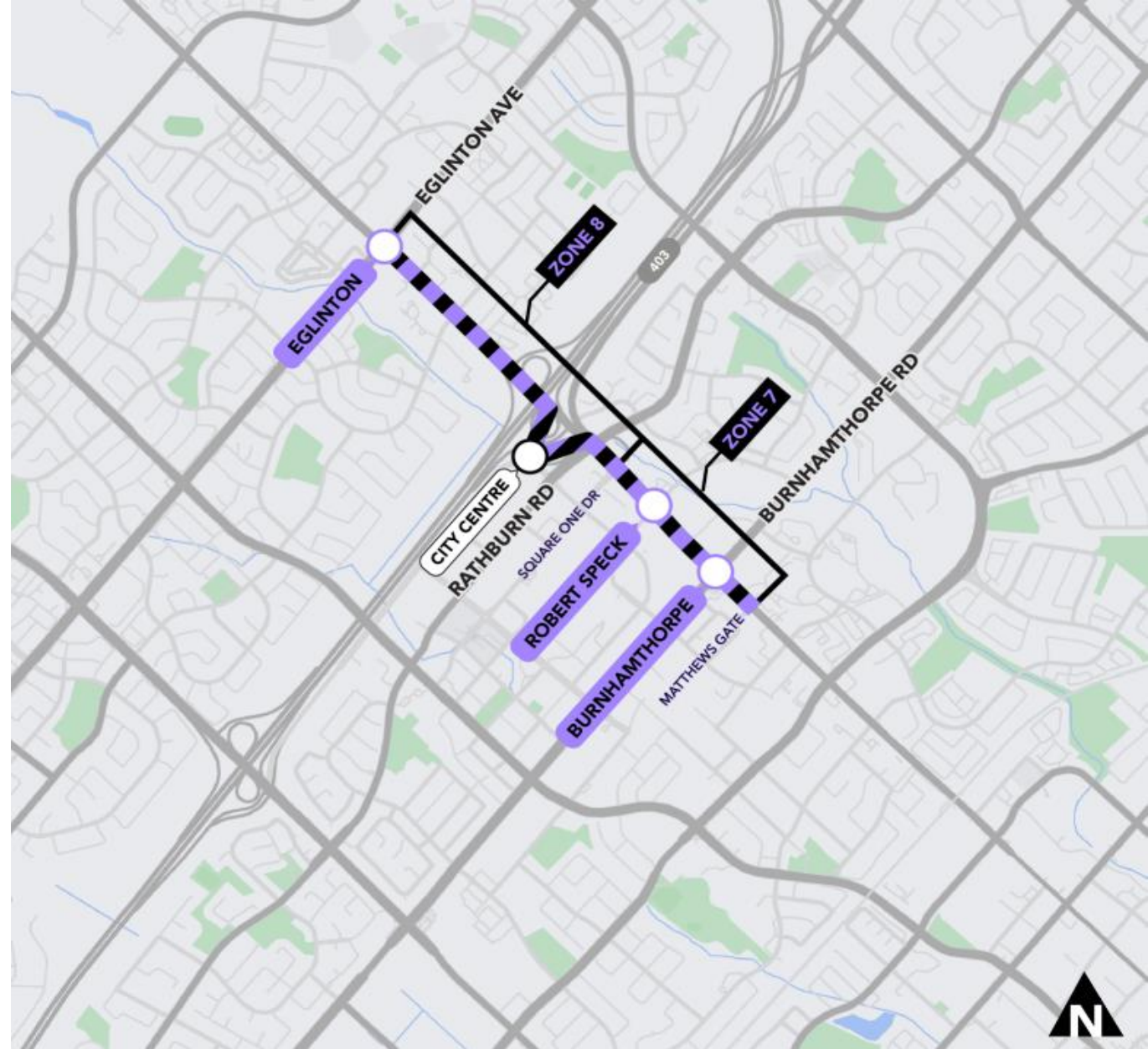


Once utility works on one side of Hurontario Street wraps up, it will be followed by roadworks this fall to temporarily reinstate adjacent boulevards, storm water catch basins, curbs, and sidewalks. Traffic will flip to the other side of Hurontario Street to begin utility works there.

MISSISSAUGA CENTRE WORK ZONES

Work Zone 7 - Matthews Gate to Square
One Drive

Work Zone 8 - Square One Drive to
Eglinton Avenue





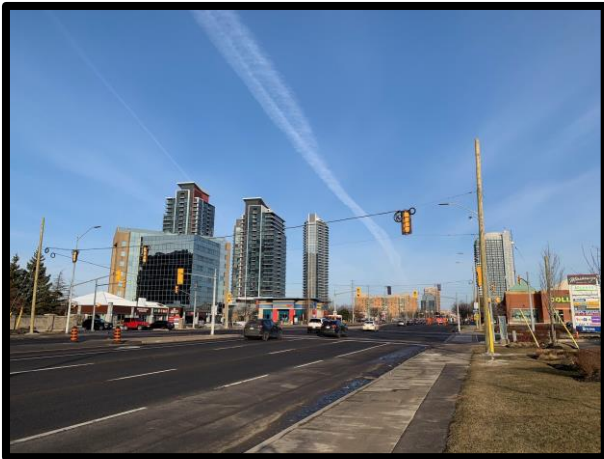
Hurontario LRT

MISSISSAUGA CENTRE CONSTRUCTION UPDATE

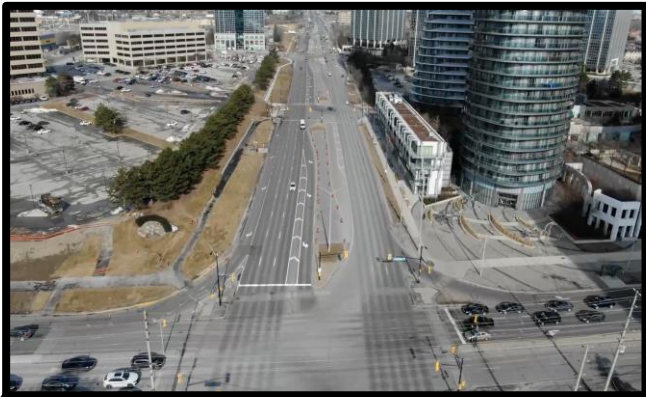


Medians in the centre of Hurontario Street have already been removed, except for those that remain at signalized intersections. The remaining medians are removed as temporary traffic signals are installed this spring.

Spring 2021



Summer 2021



The installation of temporary traffic signals have already begun. This is done to prepare the roadway for a shift in traffic for upcoming utility and roadworks expected to start this summer.

Following the installation of temporary traffic signals and the repainting of traffic lanes, utility works along one side of Hurontario Street are expected to begin this summer.

Construction of the elevated guideway is expected to begin late this summer, starting with the installation of piers to form the foundation. Once the piers are in place, bridge spans will be lifted into place to form the elevated surface. Construction will continue into the following



Fall 2021

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 Capston/World Drive

Work Zone 13 - Capston/World Drive to Derry Road

Work Zone 14 - Derry Road to Brampton City Boundary





Hurontario LRT

 METROLINX

MISSISSAUGA NORTH CONSTRUCTION UPDATE



Utilities work began in the fall 2020 and will continue for most of the year. Crews have been installing wet utilities such as new watermains, storm drainage and sewage infrastructure along one side of Hurontario Street

Spring 2021



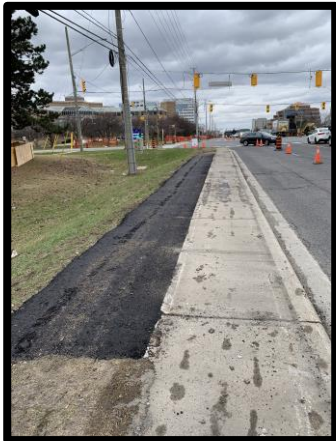
Summer 2021



As the installation and relocation of wet utilities continues, crews have also been working on relocating and installing dry utilities in the area, including duct banks for electrical and telecommunications

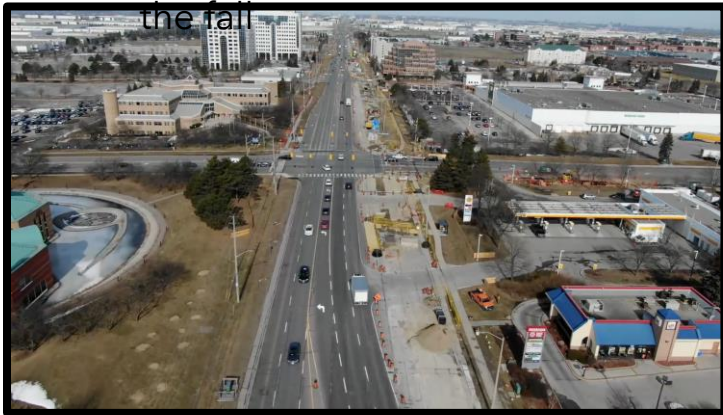


Following the wet and dry utility works on one side of Hurontario Street, roadworks will begin this summer to re-grade and reinstate adjacent boulevards, storm water catch basins, curbs, and sidewalks.



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 late this summer and into the fall

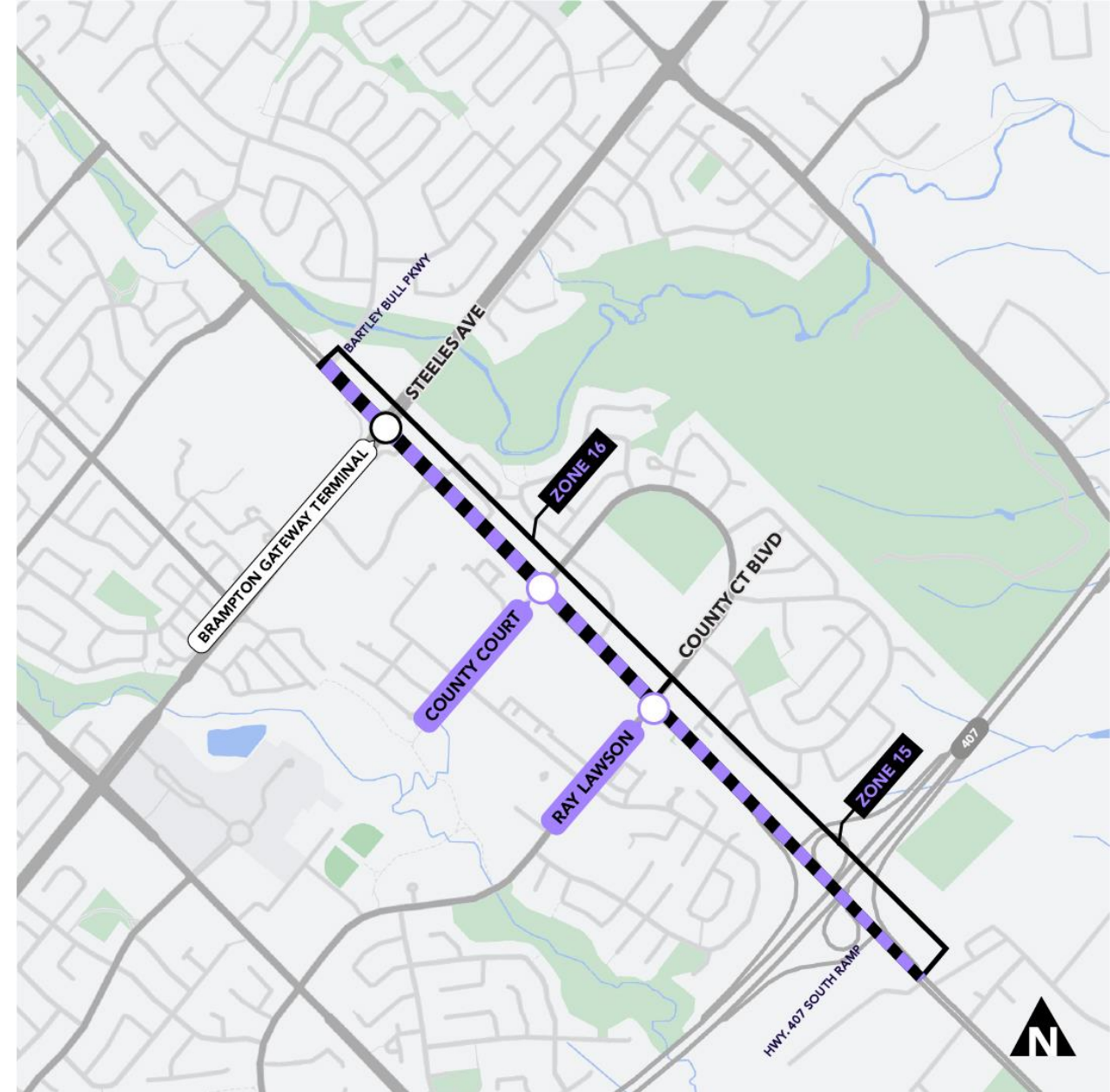
Fall 2021



BRAMPTON SOUTH WORK ZONES

Work Zone 15 - Mississauga Boundary to County Court Boulevard

Work Zone 16 - County Court Boulevard to Bartley Bull Parkway





Hurontario LRT

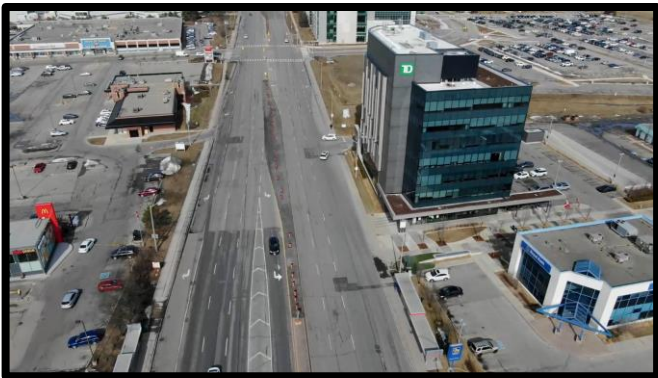
BRAMPTON SOUTH CONSTRUCTION UPDATE



Geotechnical tests began this spring along Hurontario Street near Highway 407, between Ray Lawson Boulevard and Sir Lou Drive, as well as south of Steeles Avenue. This is done to analyze local ground conditions and will inform the design process, determining the most appropriate method for all construction activities specific to the area.

Spring 2021

Summer 2021



Utility works on one side of Hurontario Street are expected to begin this fall, followed by roadworks and the reinstatement of adjacent boulevards, storm water catch basins, curbs, and sidewalks.

Preparatory works for TPSS 13 and 14 construction is expected to begin this fall.



Fall 2021



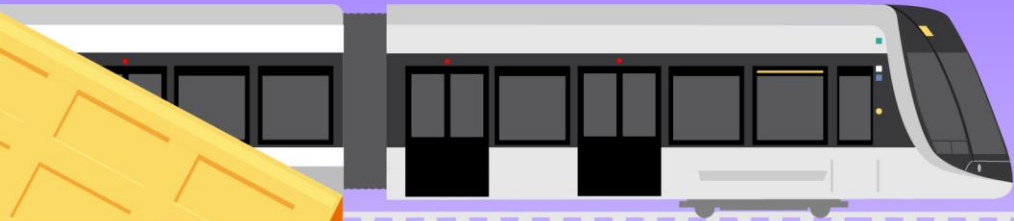
Operations, Maintenance and Storage Facility (OMSF)

2021 Look Ahead	Status
Construction of the Etobicoke Creek Structure, an open-bottom bridge built with side walls and a flat top over an Etobicoke Creek tributary that will allow the light rail vehicles to enter the OMSF yard	Begins Spring 2021
Installation of “wet” utilities, including new watermains, storm and sanitary systems	Begins Spring 2021
Installation of “dry” utilities, including electrical, underground conduits and fibre optics for telecommunications	Begins Spring 2021
Guideway System Construction, including track foundations, and overhead catenary with cables to power the Light Rail Vehicles (LRV)	Begins Spring 2021
Trackwork, including ballast (rocks that form the track bed) as well as tracks directly fixed to the concrete foundation	Begins Summer 2021
Site Restoration works, including new entrance asphalt, curbs and concrete sidewalk	Begins Fall 2021

Environmental Sustainability

HURONTARIO LIGHT RAIL TRANSIT PROJECT

ENVIRONMENT METRICS



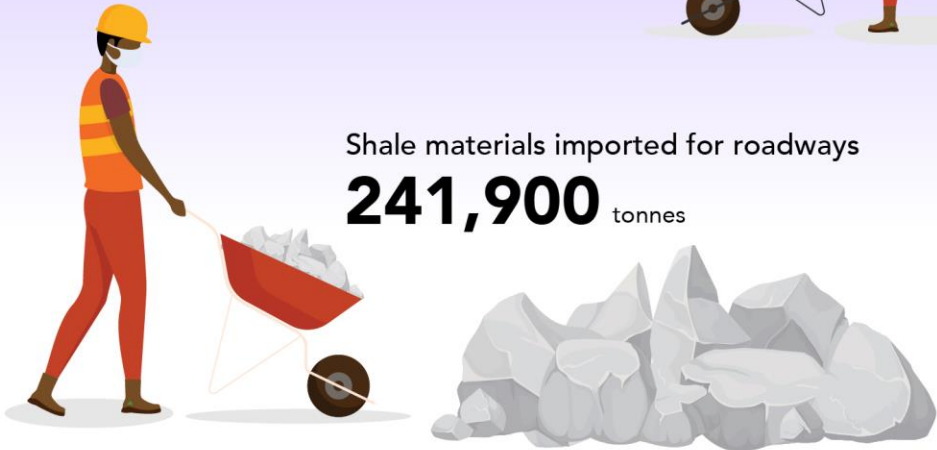
Soil imported onsite
for the project

29,190 tonnes



Shale materials imported for roadways

241,900 tonnes



Greenhouse
gases reduced by

16 tonnes



Total soil removed and
sent to a licensed landfill

1,900 tonnes

90 %
Soil sent to
beneficial reuse

Topsoil sent to
re-use sites

40,560 tonnes



ENVIRONMENTAL SUSTAINABILITY

From construction to operation, Metrolinx is using environmentally sustainable best practices during all stages of the project. Using an Environmental Management System (EMS), officials track every issue that pops up during construction to ensure consistent management and follow up.

As part of a [Sustainability Strategy](#), team members are working to ensure the route is climate resilient, that we reduce energy use and emissions wherever possible and that we minimize the impact on local ecosystems. Construction crews do their part to minimize idling by turning off equipment when not in use and keeping equipment properly maintained.

The vehicle for the Hurontario Light Rail Transit (HuLRT) project, the Alstom Citadis Sprit, is electric powered, emitting near zero emissions, which in turn will further reduce air pollution.

Metrolinx is dedicated to protecting wildlife and species at risk (SAR) at project sites. Contractors have been instructed to look for any potential wildlife and wildlife habitat at work sites, especially during the migratory bird period that takes place between April 15 and August 1. If wildlife, or SAR, are observed on site, crews must stop work so an ecologist can better assess the situation. In such cases, crews cannot resume working until the ecologist says it is safe to do so.

These are just a few of the actions that have been taken to manage the environmental impact of the HuLRT Project. To read the full Environmental Project Report, visit our HuLRT project page: www.metrolinx.com/HurontarioLRT

KEEPING THE WORKSITE CLEAN

Maintaining a clean worksite by keeping the areas impacted by our work clear of mud is important. Below are some of the measures we take to control soil erosion and keep our sites and the community clean:

- Street sweeper trucks are used to clear excess soil, dirt and debris from roadways
- We use silt fencing around construction areas to keep excess soil contained
- Silt socks, filled with wood chips are used to trap sediment and stop the soil from slipping onto the roadway or into the storm drainage system.
- Erosion blankets, made up of mesh netting, hold mounds of soil in place to prevent spillage and spread throughout the worksite, and onto roads and sidewalks



TREE PROTECTION AND REMOVALS

In order to accommodate the future traffic configuration along Hurontario Street the roadway will need to be widened. You can see widening activities already underway in Mississauga North!

The future traffic configuration will include two lanes of light rail transit, two lanes of traffic in either direction, along with turning lanes, raised and separated bike lanes and sidewalk.

As utilities are installed and the roadway is widened, trees within the municipal right-of-way as well as a small number of trees located on private property in close proximity to the infrastructure may need to be trimmed or removed or have protective hoarding placed around it.

Metrolinx and Mobilinx recognize that trees are very important and are working closely with the City of Mississauga and Brampton to help identify planting and compensation requirements for tree removal on both city and private property. Trees will only be removed when necessary.

With the support of a certified arborist, a comprehensive tree protection plan is used to limit our impact on trees within the project limits in the cities of Brampton and Mississauga

Prior to any removal of trees and small shrubs, they are inspected by a biologist to ensure that any nesting birds would not be disturbed.

So far, over 600 trees have been protected along the Hurontario LRT project.

**In the
Community**

VIRTUAL TRADE SHOW

In lieu of in-person tradeshow last year, we hosted virtual presentations on the Mobilinx website with a focus on local employment and procurement opportunities for the HuLRT project.

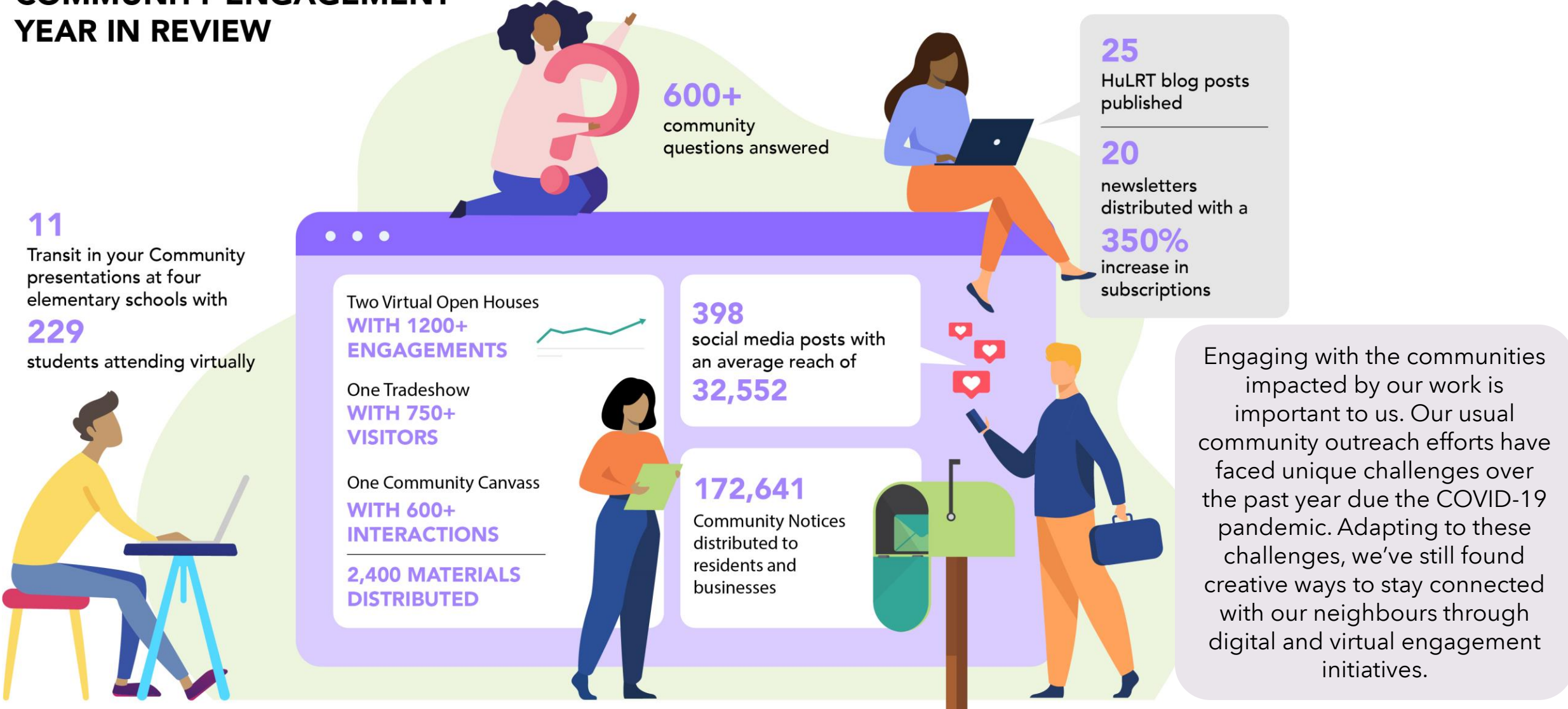
This summer, we'll host another virtual presentation on the Mobilinx website where industry experts will speak about pathways to careers in construction

Visit the website regularly at mobilinx.ca and apply online to the current openings. Learn more by clicking on the link [here](#).

All qualified vendors are entitled to receive equal opportunities for procurement for the Hurontario LRT Project. Send an email to procurement@Mobilinx.ca and let us know about your company and your interests in the project. Visit mobilinx.ca to learn more or click on the link [here](#).



HURONTARIO LIGHT RAIL TRANSIT PROJECT
COMMUNITY ENGAGEMENT
YEAR IN REVIEW



COMMUNITY ENGAGEMENT

Questions?

Ask us at metrolinxengage.com

Or contact us by phone, email, or on social media

For More Information

Stay up to date with Metrolinx projects in your region!
[Metrolinx.com/peel](https://metrolinx.com/peel)

Hurontario LRT Community Offices

Phone: 416-202-7500

Email: peel@metrolinx.com

3024 Hurontario Street unit G12
Mississauga, ON. L5B 4M4

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



@HurontarioLRT

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