

METROLINX

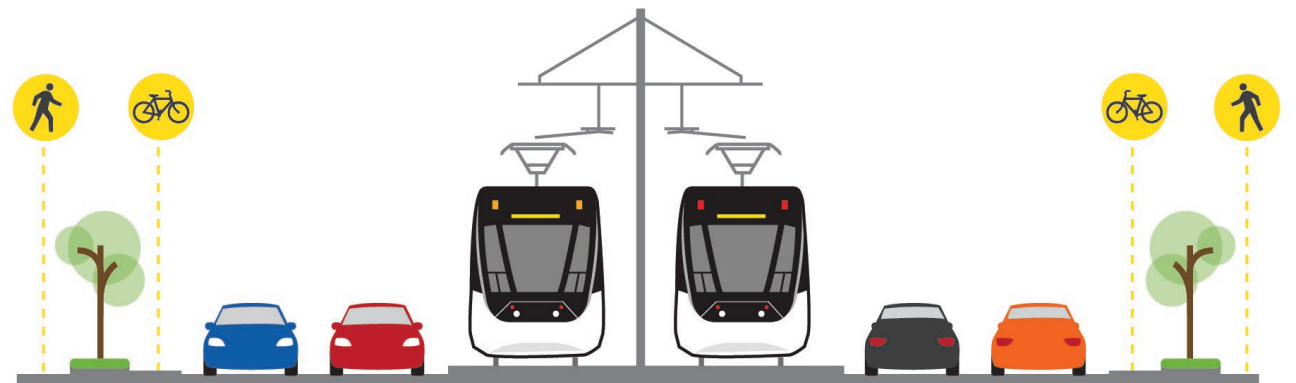
HURONTARIO LRT

Construction Liaison Committee

February 2020

AGENDA

- Introductions
- Safety Briefing
- Terms of Reference for CLC
- Project Schedule
- Major Construction Overview
- Preparatory Construction Update
 - Ongoing Utility Relocation Work
 - Upcoming Utility Works (Boreholes, Land Surveys, SUE)
- Metrolinx Utility Relocation Work
- Environmental Overview
- Community Benefits
 - Upcoming Trade Shows
- 2019 Community Events summary
- Other Business



CONSTRUCTION LIAISON COMMITTEE

- Change of name to reflect current phase of project
- New agreement distributed at the last meeting
- CLC terms of reference to be signed by committee
- Frequency changing to bi-monthly in winter 2020 and then monthly when major construction is underway
- New scheduled timings

HURONTARIO LRT PROJECT

- LRT route from the Port Credit GO Station in Mississauga to the Brampton Gateway Terminal
- Stops serving two urban growth centres, four mobility hubs, two GO Transit rail lines, Brampton Züm and Mississauga Transitway
- Design, Build, Finance, Operate and Maintain (DBFOM) model
- Mobilinx awarded contract on October 21
- Preparatory construction underway with major construction scheduled for 2020
- Approximately 800 jobs created at peak of construction
- Anticipated completion - Fall 2024



PROJECT SCHEDULE



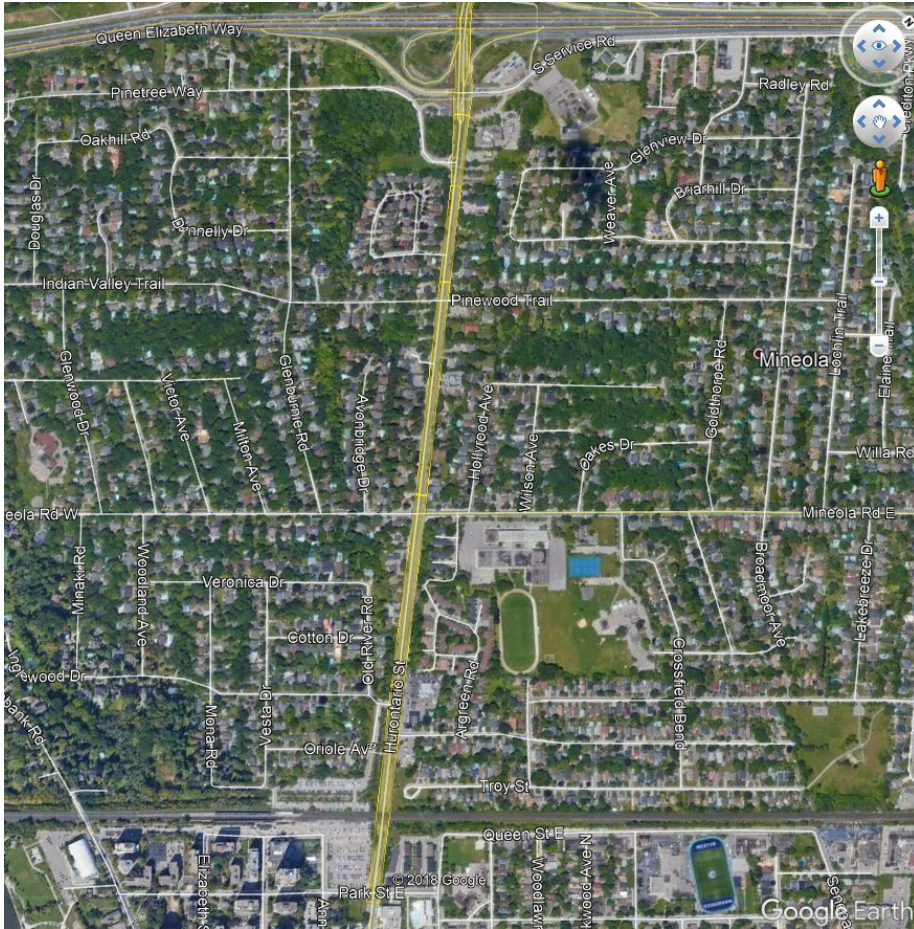
MAJOR CONSTRUCTION OVERVIEW

Activity ID	2019		2020				2021				2022				2023				2024				
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
DBJV-Hurontario_LRT_Live																							
Project Start		♦																					
Design Development																							
Permits & Environmental																							
Dry Utilities (Hydro, Telecoms and Gas)																							
Wet Utilities (Watermains, Sewers and storm)																							
Roadworks, structures, boulevards, hardscape and landscape																							
Trackworks and guideway																							
Stations & Stops																							
Operations, Maintenance and Storage Facility																							
Overhead Catenary System																							
Traction Power Substations (including civil works and testing))																							
Train Control & Signals (including testing)																							
Revenue Vehicles Delivery and Commissioning																							
Project Wide System Testing Acceptance																							
Simulated Revenue Service																							
Revenue Service Demonstration																							
Substantial Completion																							♦

MAJOR CONSTRUCTION OVERVIEW (MISSISSAUGA SOUTH)

	2019		2020				2021				2022				2023				2024				
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
DBJV-Hurontario_LRT																							
CONSTRUCTION & INSTALLATION of Hurontario LRT Project																							
Segment 1 - South Contract Limit to Harborn Road																							
Early Works																							
Roadworks																							
Dry Utilities																							
Wet Utilities																							
Retaining Wall (roadworks)																							
Guideway																							
Structures (Mary Fix Creek, Lakeshore West Go Rail, QEW)																							
TPSS Build																							
Port Credit Station and Mineola Stop Build																							

MAJOR CONSTRUCTION OVERVIEW (SOUTH MISSISSAUGA)



- **Zone 1: Park St to Inglewood Dr.**
 - Removals (Median, etc.): Sep. 2020 - Oct 2020
 - Utilities, Roadworks and Guideway:
 - Jan. 2021 - Sept. 2022
 - Port Credit Station: March 2021 - July 2024
- **Zone 2: Inglewood Dr. to QEW south ramp.**
 - Removals (Median, etc.): Oct. 2020 - Nov. 2020
 - Utilities, Roadworks: Nov. 2020 - Oct. 2022
 - Guideway: Oct. 2022 - March 2023
- **Zone 3: QEW south ramp to QEW north ramp.**
 - Removals (Median, etc.): Oct. 2020 - Nov. 2020
 - Utilities, Roadworks: Sept. 2022 - May 2023
 - Guideway: April 2023 - May 2023 QEW
 - Structure: April 2021 - July 2023

UPCOMING PREPARATORY CONSTRUCTION (MOBILINX)

- **Legal Surveying**

- Mobilinx will be surveying storm & sanitary lines, boreholes, test pits, and other relevant locations. It will also create an inventory of all legal survey property limits and monuments defining property boundaries.

- **Borehole Investigation**

- Borehole investigation will be conducted to determine existing soil conditions in order to optimize and complete the design of the LRT foundation

- **Subsurface Utility Engineering (SUE) Investigation**

- SUE investigations will be conducted to confirm the locations of existing utilities which are currently present in the field but regarding which Mobilinx has limited information

PREPARATORY CONSTRUCTION OVERVIEW (FEBRUARY TO MARCH 2020)

Subsurface Engineering, Boreholes and Survey Investigation

- Evaluate the physical properties
- Collect soil & rock samples for lab testing
- Subsurface Utility Engineering to confirm location of existing utilities

Work Hours:

- Monday to Friday, 7a.m. to 7 p.m.
- Work could be rescheduled and delayed due to weather conditions or any unforeseen circumstances

What to Expect:

- Residents and businesses near the work sites will hear noise from trucks, excavation activities and other construction equipment related to this work
- There will be short-term lane reductions during construction and traffic delays are expected
- Clearly defined walking paths will be maintained during construction
- Every effort will be made to minimize disruptions



CONSTRUCTION OVERVIEW - FEBRUARY TO MARCH 2020

Corridor-wide Median Removals (Beginning March 2020)

- Demolition of medians will be done in segments throughout the corridor
- Removing medians will help minimize some lane reductions and will allow for shifting of traffic from one side of the road to the other when this work is underway.
- The first step is replacing the existing traffic signals, with temporary overhang signals on span wire.
- This will be immediately followed by re-paving
- Two lanes of traffic, plus turning lanes, will be maintained along Hurontario in each direction
- Access to adjacent properties will always be maintained.



CONSTRUCTION OVERVIEW - MISSISSAUGA SOUTH 2020

Mississauga South Median Removals (October 2020)

- Install temporary traffic signals on span wire.
- Demolition of medians and centre lane light posts.
- This will be immediately followed by paving operations.
- Two lanes of traffic, plus turning lanes, will be maintained along Hurontario in each direction
- Access to adjacent properties will always be maintained.

METROLINX UTILITY RELOCATION WORK

To accommodate the construction of the Hurontario LRT, Enbridge is required to install a new gas line on Hurontario Street from North Service Road to The Queensway. These pipelines are integral to Enbridge's gas system and must be re-routed to ensure the safe and reliable delivery of natural gas to customers in the Greater Toronto Area.

Hurontario Street (North Service Road to the Queensway)

Start Date January 6th, 2020

Duration 9 Months

Timing 7 a.m. and 7 p.m., Monday to Friday.



Please Note: Work could be rescheduled and delayed due to weather conditions or unforeseen circumstances

ENVIRONMENTAL MANAGEMENT SYSTEM - OVERVIEW

Mobilinx using a key environmental management tool called Environmental Management System (EMS). Will monitor for:

- Air Quality/Emissions
 - Minimize idling of equipment, keeping stationary emission sources away from sensitive receptors such as residents, schools, parks, etc.
- Dust Control
 - Promptly clean paved streets/roads to reduce dust; use water or dust suppressants to control emissions
- Wildlife and Wildlife Habitats
 - Avoid disruption of bird breeding season (April 1st to August 31st)

Sites will be monitored daily by the Mobilinx Environmental Inspectors

COMMUNITY BENEFITS & ENGAGEMENT UPDATE

- Mobilinx HR regularly meeting with PCBN and other employment stakeholders
- Mobilinx communications and community engagement team hired and in place
 - Working with Metrolinx community engagement team in community offices



David Wills



Hayden Narine



Ayub Khan



Rawle Agard

TRADE SHOWS

Brampton

South Fletcher's Sportsplex

Monday, March 30th @8-11am

Mississauga

Mississauga Valley Community Centre

Thursday, April 2 @5-8pm



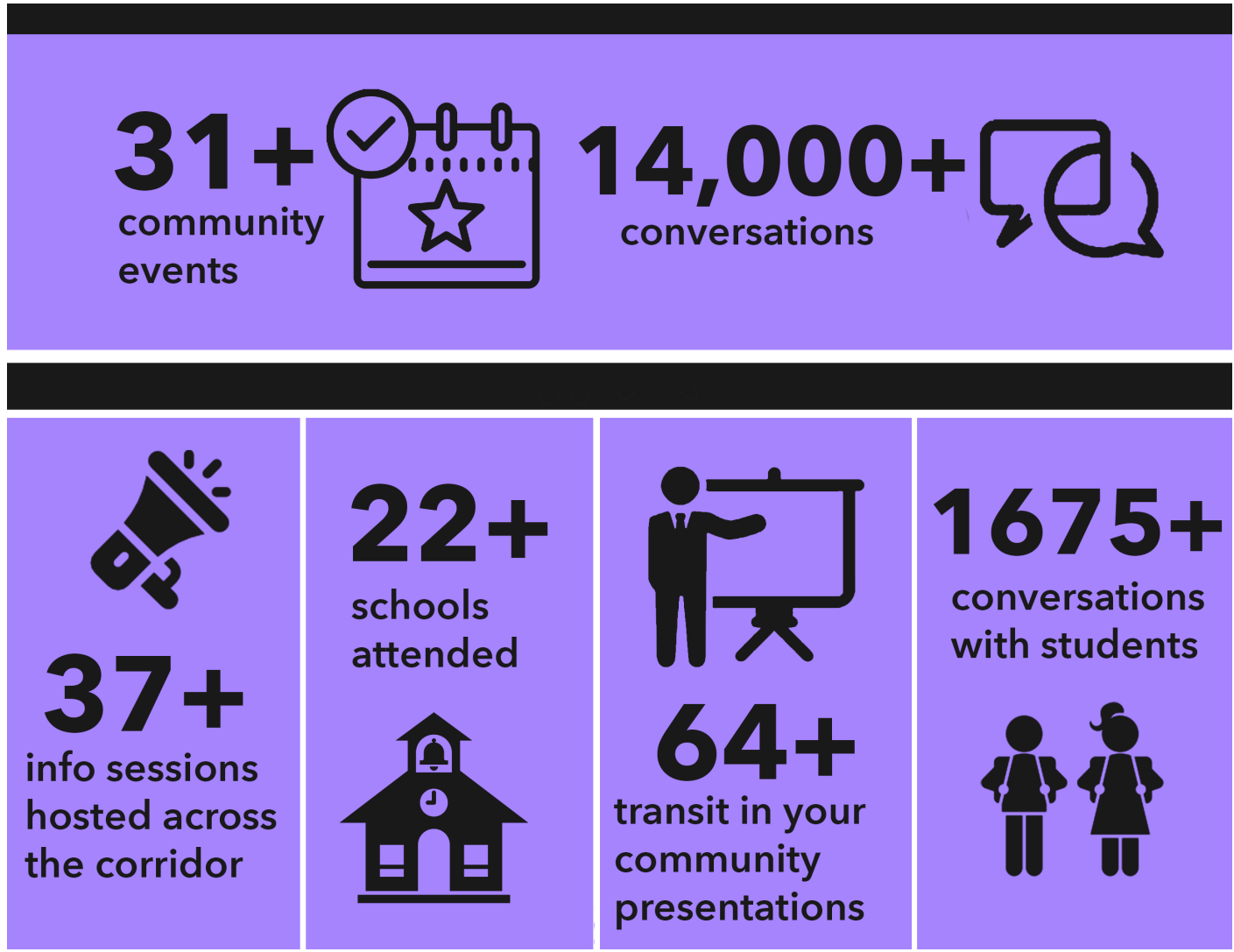
- Two trade shows this year focusing on local employment and procurement
 - Mobilinx team on-site to discuss requirements for employment and procurement
 - Free resume and interview workshop for attendees
 - Light refreshments and snacks from local vendors
 - Venues provide parking and easily accessible by local transit
 - Venues are located near the project zone of the future HuLRT

2020: ONGOING COMMUNITY OUTREACH & PUBLIC ENGAGEMENT

- Pop-up events:
 - Trillium Health Partners - Mississauga Hospital
 - Peel Police 22 Division
 - Brampton Courthouse
 - March break events in libraries across Mississauga and Brampton
- Transit In Your Community presentations:
 - Elementary schools across Peel Region
- MBEC Series:
 - Digital Marketing workshops for small business owners
 - February 12: Website Marketing 101
 - February 27: Social Media Marketing 101
 - March 11: Email Marketing 101



2019: COMMUNITY OUTREACH SUMMARY



Other Business

