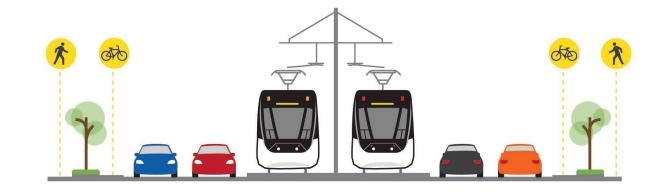


# **HURONTARIO LRT**

**Construction Liaison Committee November 2019** 

# **AGENDA**

- Safety Briefing
- Change of Committee Name
- Financial Close Mobilinx
- Project Schedule
- Early Construction Update
- Major Construction Overview
- Properties Required
- Digital Workshop Series
- o Open Houses
- Other Business



# **CONSTRUCTION LIAISON COMMITTEE**

- Change of name to reflect current phase of project
- New agreement to be signed by committee
- Frequency changing to bi-monthly in January and then monthly when major construction is underway
- New scheduled timings

### **HURONTARIO LRT PROJECT**

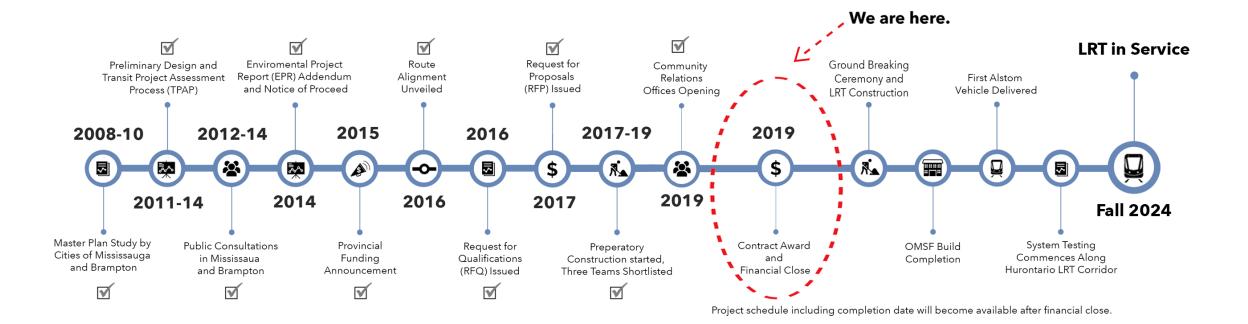
- LRT route from the Port Credit GO Station in Mississauga to the Brampton Gateway Terminal
- Stops serving two urban growth centres, four mobility hubs, two GO Transit rail lines, Brampton Züm and Mississauga Transitway
- Design, Build, Finance, Operate and Maintain (DBFOM)
   model
- Mobilinx awarded 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



| APPLICANT LEAD                                  | John Laing Investments Limited, Astaldi Canada<br>Enterprises Inc., Hitachi Rail STS S.p.A., Transdev<br>North America Inc., Amico Concessions Inc.,<br>Salini Impregilo Canada Holding Inc. |
|---|--|
| CONSTRUCTION                                    | Astaldi Canada Design & Construction Inc.,<br>Hitachi Rail STS Canada Inc., Amico<br>Infrastructures Inc., Bot Infrastructure Ltd., Salini<br>Impregilo Civil Works Inc.                     |
| DESIGN  | IBI Group Professional Services (Canada) Inc.,<br>Hitachi Rail STS S.p.A., Morrison Hershfield,<br>Arcadis Canada Inc., Daoust Lestage Inc., Exp<br>Services Inc.                            |
| OPERATION MAINTENANCE & REHABILITATION PROVIDER | Transdev Services Canada Inc., Hitachi Rail STS<br>Canada Inc., Astaldi Canada Enterprises Inc.,<br>Salini Impregilo S.p.A.  |
| FINANCIAL ADVISOR                               | National Bank, HSBC  |



## **PROJECT SCHEDULE**







# **MAJOR CONSTRUCTION OVERVIEW**

|   | 20  | )19 |    | 20 | 20 |      |            | 20 | 021 |    |    | 20 | 22   |    |    | 202 | 23       |             | 2024 |    |      |    |
|---|-----|-----|----|----|----|------|------------|----|-----|----|----|----|------|----|----|-----|----------|-------------|------|----|------|----|
| Activity ID   | 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  | : { |     |    |    |    |      | 1:         |    |     |    |    |    |      |    |    |     | 1::      | 1:          | 1    |    |      |    |
| Project Start   |     | •   |    |    |    | ***  |            |    |     |    |    |    | :::} |    |    |     | } : :    | 3 :         | 1:   |    |      |    |
| Design Development  |     |     |    |    |    |      |            |    |     |    |    |    |      |    |    |     | <b> </b> | <b>\$</b> : | 1:   |    |      |    |
| Permits & Environmental   |     |     |    |    |    |      |            |    |     |    |    |    |      |    |    |     |          | 3 :         |      |    |      |    |
| Dry Utilities (Hydro, Telecoms and Gas)                         |     |     |    |    |    |      |            |    |     |    |    |    |      |    |    |     |          | 3 :         |      |    |      |    |
| Wet Utilities (Watermains, Sewers and storm)                    |     |     |    |    |    |      |            |    |     |    |    |    |      |    |    |     |          | 3 :         |      |    |      |    |
| Roadworks, structures, boulevards, hardscape and landscape      |     |     |    |    |    |      | ***        |    |     |    |    |    |      |    |    |     |          | <b>\$</b> : |      |    |      |    |
| Trackworks and guideway   |     |     |    |    |    |      | 3::        |    |     |    |    |    |      |    |    |     |          | 3 :         | 1    |    |      |    |
| Stations & Stops  |     |     |    |    |    |      | } :        |    |     |    |    |    |      |    |    |     |          |             |      |    |      |    |
| Operations, Maintenance and Storage Facility                    |     |     |    |    |    |      |            |    |     |    |    |    |      |    |    |     | 3 : :    | 3 :         |      |    |      |    |
| Overhead Catenary System  |     |     |    |    |    | **** |            |    |     |    |    |    |      |    |    |     |          |             | 1    |    |      |    |
| Traction Power Substations (including civil works and testing)) |     |     |    |    |    |      |            |    |     |    |    |    |      |    |    |     |          |             |      |    |      |    |
| Train Control & Signals (including testing)                     |     |     |    |    |    |      |            |    |     |    |    |    |      |    |    |     |          |             |      |    |      |    |
| Revenue Vehicles Delivery and Commissioning                     |     |     |    |    |    | ***  |            |    |     |    |    |    |      |    |    |     |          |             |      |    |      |    |
| Project Wide System Testing Acceptance                          |     |     |    |    |    |      | <b>3</b> : |    |     |    |    |    |      |    |    |     |          |             |      |    |      |    |
| Simulated Revenue Service                                       |     |     |    |    |    |      | 3 :        |    |     |    |    |    |      |    |    |     |          |             |      |    |      |    |
| Revenue Service Demonstration                                   |     |     |    | }  |    |      | 3          |    | }   |    |    |    |      |    |    |     | } :      |             | } :  |    |      |    |
| Substantial Completion  |     |     |    |    |    |      | 3:         |    |     |    |    |    |      |    |    |     |          |             |      |    | •    |    |

# **MAJOR CONSTRUCTION OVERVIEW**

|   | 2019 |    |    | 2020 |    |    |    | 2021 |    |           |         | 2022 |    |    |    | 2023 |    |    |    | 2024 |    |    |    | 2025    |         |         |  |
|---|------|----|----|------|----|----|----|------|----|-----------|---------|------|----|----|----|------|----|----|----|------|----|----|----|---------|---------|---------|--|
|   | Q3   | Q4 | Q1 | Q2   | Q3 | Q4 | Q1 | Q2   | Q3 | Q4        | Q1      | Q2   | Q3 | Q4 | Q1 | Q2   | Q3 | Q4 | Q1 | Q2   | QЗ | Q4 | Q1 | Q2      | QЗ      | Q4      |  |
| DBJV-Hurontario_LRT                                   |      |    |    |      |    |    |    |      | П  |           |         |      |    |    |    |      |    |    |    |      |    | П  | Ш  | $\prod$ | $\prod$ | $\prod$ |  |
| CONSTRUCTION & INSTALLATION of Hurontario LRT Project |      |    |    |      | Ш  |    |    |      |    |           |         |      | Ш  |    |    |      |    |    |    |      |    |    |    | Ш       | $\prod$ |         |  |
| Segment 3 - Matthews to Eglinton Av                   |      |    |    |      |    | Ш  | Ш  |      | Ш  | $\equiv$  |         |      | Ш  |    |    |      |    |    |    |      |    |    |    | Ш       | $\Box$  |         |  |
| Site Conditions                                       |      |    |    |      | Ш  | Ш  | Ш  |      |    |           |         |      |    |    |    |      |    |    |    |      |    |    |    | Ш       | $\Box$  |         |  |
| Roadworks   |      |    |    |      |    |    |    | Ш    | Ш  | $\prod$   | $\prod$ |      | Ш  |    |    |      |    |    |    |      |    |    |    |         |         |         |  |
| Dry Utilities   |      |    |    |      |    |    |    |      | Ш  | $\coprod$ | $\prod$ |      | Ш  |    |    |      |    |    |    |      |    |    |    |         |         |         |  |
| Wet Utilities   |      |    |    |      | Ш  |    |    |      | Ш  | $\prod$   | $\prod$ |      | Ш  |    |    |      |    |    |    |      |    |    |    | Ш       | $\prod$ |         |  |
| Trackwork   |      |    |    |      |    |    |    |      |    |           |         |      | Ш  |    |    |      |    |    |    |      |    |    |    |         |         |         |  |
| Structures (Elevated Guideway, 403)                   |      |    |    |      |    |    |    |      | Ш  | $\prod$   | $\prod$ |      | Ш  |    |    |      |    |    |    |      |    |    |    |         |         |         |  |
| TPSS Build  |      |    |    |      | Ш  |    |    |      |    |           |         |      | Ш  |    |    |      |    |    |    |      |    |    |    | Ш       | $\prod$ |         |  |
| Stop Build (Robert Speck, Mathews Gate, Rathburn)     |      |    |    |      | Ш  |    |    |      |    | $\prod$   | $\prod$ |      | Ш  |    |    |      |    |    |    |      |    |    | Ш  |         |         | $\prod$ |  |
| Final works (landscaping, restoration works)          |      |    |    |      |    |    |    |      |    |           |         |      | Ш  |    |    |      |    |    |    |      |    |    |    |         |         |         |  |

## **MAJOR CONSTRUCTION OVERVIEW**



 Zone 7: Matthews Gate to Square One Dr Removals (Median, etc.): Dec. 2020 - April 2021 Utilities, Roadworks: April 2021 - Oct 2022 Guideway: June 2022 - Sept. 2022

• Zone 8: Square One Dr to Eglinton Av.

Removals (Median, etc.): June 2020 - Aug. 2020 Utilities, Roadworks: Feb. 2021 - April 2022

Guideway: April 2022 - Oct. 2022

## **CONSTRUCTION COMMUNICATIONS**

- Canada Post neighbourhood mail
- Social media
- SMS alerts
- Website
- Door-to-door canvassing
- Postcards at healthcare facilities



Information as of May, 2019

#### Enbridge Gas Line Relocation Hurontario Street from Matthews Gate to Fairview Road.

Beginning Mid-June 2019

#### What is the Hurontario Light Rail Transit Project?

**HURONTARIO LIGHT RAIL TRANSIT** 

The Hurontario LRT will be a light rail service connecting people from the Port Credit GO station to the Brampton Gateway Terminal. The Hurontario LRT will connect with the Port Credit and Cooksville GO stations, Mississauga Transitway, MiWay and Züm transit lines.

#### What work is taking place?

To accommodate the construction of the Hurontario LRT, Enbridge is required to install a new gas line on Hurontario Street between Matthews Gate to Fairview Road.

These pipelines are integral to Enbridge's gas system and must be re-routed to ensure the safe and

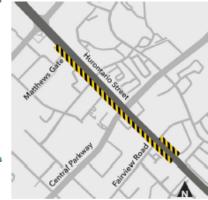
reliable delivery of natural gas to customers in the Greater Toronto Area.

#### Timing

- Work is scheduled to start in mid-June, 2019 and will last for approximately 18 weeks.
- Work will occur between 7 a.m. and 7 p.m., Monday to Friday.
- Work could be rescheduled and delayed due to weather conditions or any unforeseen circumstances.

#### What to Expect

- Every effort will be made to minimize disruptions.
- Access to properties will be maintained at all times through at least one driveway.
- Residents and businesses near the work site can expect to hear noise caused by trucks, excavators, backhoes, and other construction equipment related to this work.



Note: at no time will all lanes be closed.

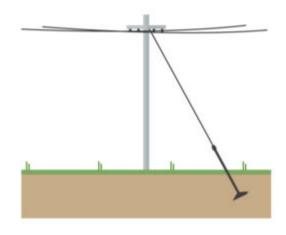
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# **PROPERTIES REQUIRED**



(Examples of a switchgear, guy-wires and a TPSS site.)





## **DIGITAL WORKSHOP SERIES**

- In partnership with Mississauga Business
   Enterprise Centre (MBEC)
- Promoted around the corridor and online
- During this session small business owners will learn the key aspects of digital marketing.
- Using a simple seven-step process, participants
  will discover the essential components of an
  effective online strategy, with tips on how to get
  started using a website, social media, and email
  marketing, to promote your business.
- Limited seating at each workshop
- Brampton workshops to follow



## **OPEN HOUSES**

You're invited to our fall open houses! The Hurontario LRT is happening! Mobilinx has been chosen to design, build, finance, operate and maintain the Hurontario LRT. Representatives of the Mobilinx and Metrolinx project teams will be available to answer your questions.

| Mississauga North      | November 18th, 2019<br>@ 6:00 p.m 8:00 p.m | St. Francis Xavier Secondary School<br>50 Bristol Rd W. Mississauga |
|------------------------|--|---|
| Mississauga Centre     | November 20th, 2019<br>@ 3:00 p.m 6:00 p.m | City Centre Transit Terminal<br>150 Rathburn Road W. Mississauga    |
| Mississauga South      | November 21st, 2019<br>@ 6:00 p.m 8:00 p.m | Port Credit Memorial Arena<br>40 Stavebank Rd, Mississauga          |
| Brampton South         | November 26th, 2019<br>@ 6:00 p.m 8:00 p.m | South Fletcher's Sportsplex<br>500 Ray Lawson Blvd, Brampton        |
| Mississauga Cooksville | November 27th, 2019<br>@ 6:00 p.m 8:00 p.m | Cooksville Colonnade<br>3024 Hurontario St, Mississauga             |

# **Other Business**

# **△** METROLINX