

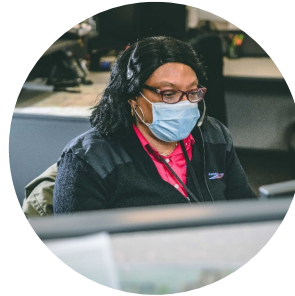
Transit Advisory Committee

May 3, 2021



Agenda

- 01** COVID-19 Update
- 02** Official Plan
- 03** Electric Bus Pilot Project
- 04** Third Facility
- 05** LRT Extension Study





COVID-19 Update

Ridership

2021 to 2020 for the period of Jan 1 to Mar 31

- Jan 1 to Mar 31, 48% of 2020 ridership

- **Note:** Ceased Fare collection on March 21, 2020

Safe Restart Agreement

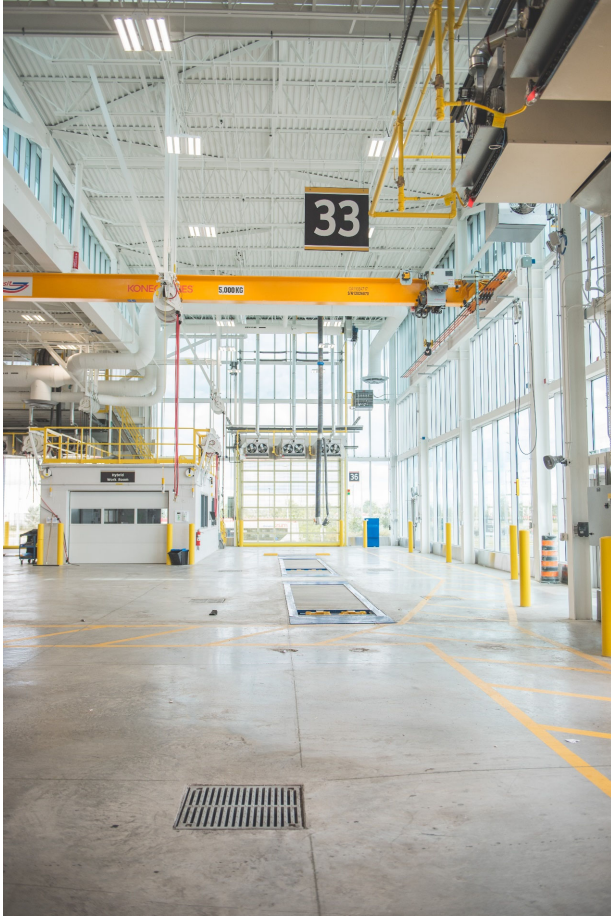
- Brampton's allocation of funding under phase 3 of the Safe Restart Agreement is approx. \$23.5M.
- The funding was received on March 24, 2021 and placed in an interest bearing City reserve account.

Electric Bus Pilot Project

Brampton's milestone electric buses are launching in service this Spring.

- Electric buses will be launched on route 26 Mount Pleasant first followed by route 23 Sandalwood.
- In total, Brampton Transit has eight battery electric buses to the fleet, two from Nova Bus and six from New Flyer.
- Four high-powered (450 kWh) overhead pantograph on-route charging stations have been installed to support this launch:
 - Mount Pleasant Village terminal (2 ABB on-route)
 - Queen Street/Highway 50 Züm station (1 ABB on-route)
 - Sandalwood Transit Facility (1 Siemens at facility)





Third Transit Facility

Brampton Transit's Third Transit Maintenance and Storage Facility receives funding through Investing in Canada Infrastructure Plan (ICIP).

- The funding is through the Public Transit Infrastructure Stream (PTIS) for phase 1 construction of Transit's Third Maintenance and Storage Facility.
 - Federal Government contribution: Over \$69.9 M
 - Provincial Government contribution: Over \$58.2 M
 - City of Brampton contribution: Over \$46.6 M
- The project includes the construction of a nearly 400,000 square foot transit maintenance and storage facility with up to 36 maintenance bays and approximately 40 overhead garage doors to accommodate 250 buses, in addition to administrative and maintenance support space.

Location:

South West corner of Highway 50 and Cadetta Road

Third Transit Facility

Next Steps

- Final Environmental Assessment Approval
- Execute Transfer payment Agreements
- Issue RFP for the design/build of Phase 1 to the pre-qualified proponents.



Hurontario-Main LRT Extension Study

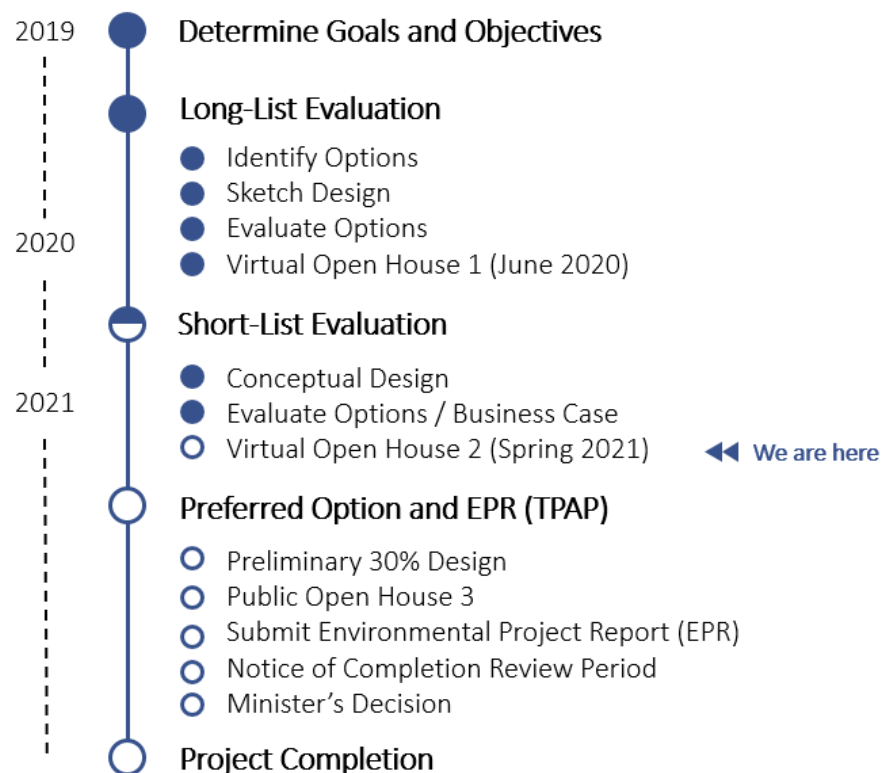
Study Process

- The evaluation of options is a multi-level process that has occurred over the course of the study.
- Through the three-level process, the long list of LRT options was evaluated and narrowed down to a short list. The short list was evaluated and is being presented at Virtual Open House 2.

The Transit Project Assessment Process (TPAP)

is a provincial environmental assessment process developed specifically for the approval of public transit projects.

Proponents must complete the prescribed steps of the process within specified time frames.



Hurontario-Main LRT Extension Study

Preliminary Design Business Case

- The City of Brampton evaluated the short list options using the Metrolinx Business Case framework. A preliminary design business case (PDBC) was used to assess the short-listed options.
- The analysis included four (4) business cases: Strategic, Economic, Financial, and Deliverability and Operations.

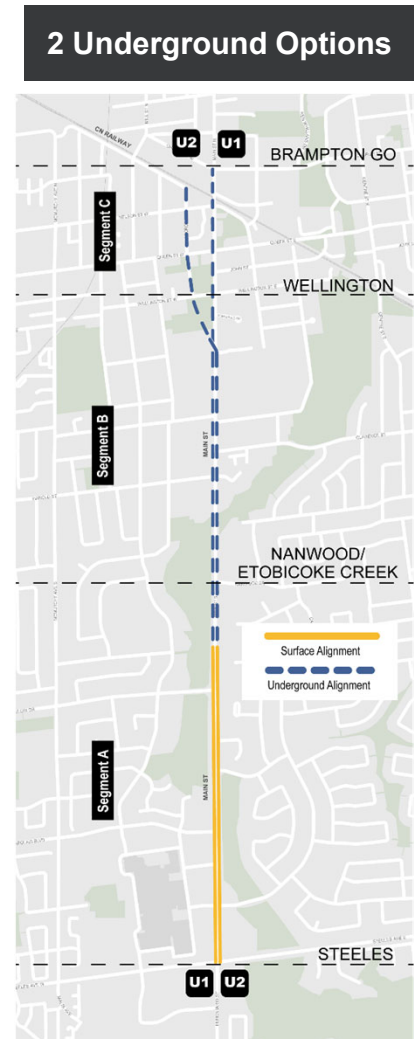
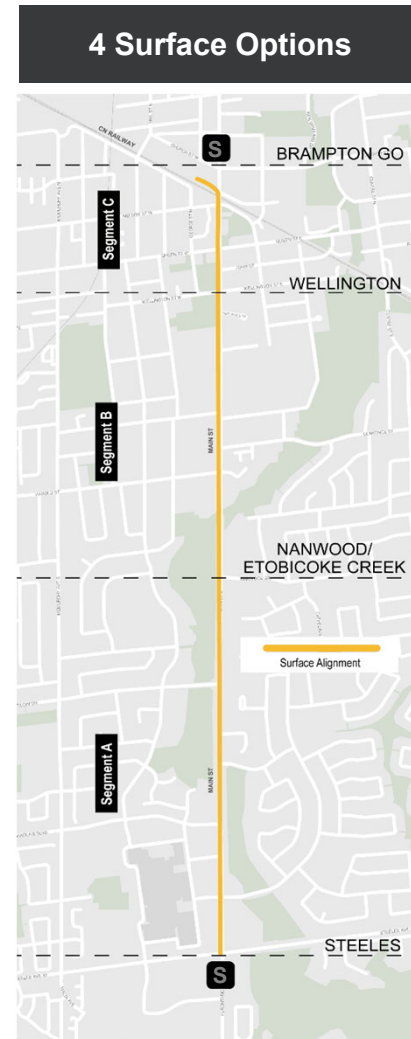


Hurontario-Main LRT Extension Study

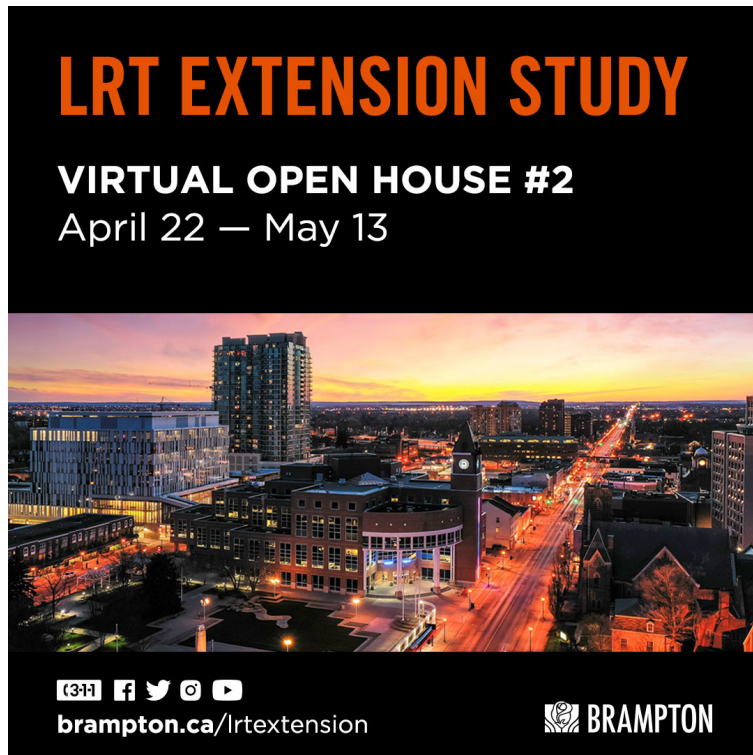
Short List of Options

Since the last virtual open house in Summer 2020, we've evaluated the short list options (four surface and two underground).

Note: The loop options presented in the previous open house were not advanced to the short list for further assessment due to physical constraints (i.e. issues accommodating longer LRVs / impacts to property).



Hurontario-Main LRT Extension Study



Next Steps:

- Following virtual Open House 2 (April 22 to May 13), the project team will review and summarize feedback provided by the public and stakeholders.
- Staff will prepare a Council Report to update Council on the Public Feedback Report and recommendation for next steps.

Thank you!

