



Hamilton

HAMILTON LRT PROJECT Update

Planning and Economic Development

Accessibility Committee for Persons with Disabilities (ACPD)

June 11, 2024

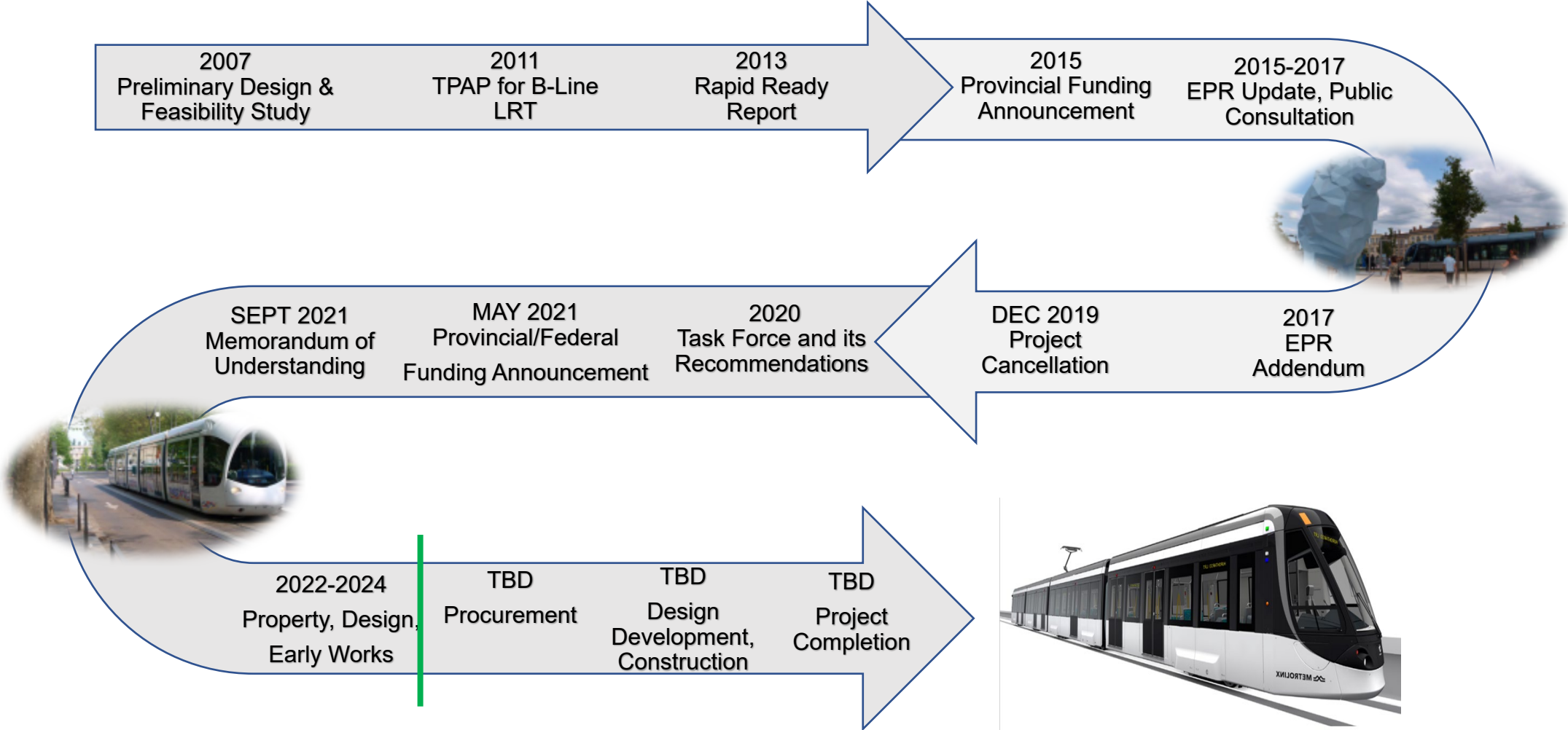
Key Facts

- 14-km corridor, 17 stops;
- Tracks are mainly centre-running;
- Generally 600-800m between stops;

- OMSF at Chatham and Frid;
- Funding:
 - Federal (\$1.7B)
 - Provincial (\$1.7B)



Key Milestones



Project Delivery Strategy

Advance Enabling Works

- Early strategic relocation of some select private and public utilities (mainly off-corridor)

Package 1 - Civil Works and Utilities - approximately half of project construction value

- Mainly Third-Party assets designed, constructed, commissioned, and handed over to stakeholders.
- Private and Public Utilities, Civil Structures (bridges and grade separations), Road and Urban Realm
 - Relocation and renewal of longitudinal utilities
 - Urban Realm includes streetscape, pedestrian safety, cycling and HSR integration

Package 2 - Stops, Rail, Systems (SRS) - approximately half of project construction value

- Guideway, rail, systems, operations and maintenance storage facility (OMSF), and integration of Light Rail Vehicles (LRVs) delivered for Revenue Service
- Potential to include operations and maintenance concession period (pending discussions with the City of Hamilton)

Procurement Model

- Metrolinx is recommending to government that the Package 1 - Civil Works and Utilities package be delivered by an Alliance contracting model
- The high levels of interface with municipal and third-party-owned assets make the model well-suited for this scope
- In contrast to fixed-price contracts such as P3s, Alliances are a form of “collaborative contracting” originating in Australia in which:
 - Participants from the owner’s organization and the contractors form a joint entity to deliver the project that provides the owner with full transparency into actual costs
 - A “Development Phase” is used to jointly advance design, mitigate risks, and negotiate pricing
 - An “Implementation Phase” follows with all participants working together to deliver the project



LRT - Ensuring an Accessible Corridor

To date:

- Prior to the project being paused in December 2019, City staff had engaged the ACPD to facilitate an understanding of potential accessibility challenges in the LRT corridor.
- Urban Braille was confirmed as a required element of the project.
- Members of ACPD and City staff visited the Waterloo ION LRT system in March 2023
- During the visit, barriers in the built environment, improvements and suggested solutions were identified by the participants to mitigate the barriers in LRT project.
- City staff presented the learnings from the Waterloo site visit to Metrolinx in May 2023 for evaluation and inclusion when the detailed design is advanced in the Development Phase of the project by the Alliance Partner.

Going forward:

- City staff are committed to engage with the ACPD during the Development Phase of the project during the detail design process.

Accessibility During Construction

The ability of all users to successfully navigate through and across the corridor during the construction phases will be a key principle in the successful delivery of the Hamilton LRT project.

- Access to adjacent businesses and residences will be prioritized in the design and implementation of the project;
- A network of unencumbered concrete sidewalks will be maintained in and crossing the corridor. Users will be required to cross the roadway at signalized or otherwise controlled locations;
- Landing pads and access to active transit stops will be maintained;
- Wayfinding signage will be provided; and,
- Crosswalks will be kept in a state of good repair.

Conceptual Rendering - Queen Street LRT Stop



Conceptual Rendering - Wellington Street LRT Stop



Next Steps

- Ongoing advancement and construction of Enabling Works
- Ongoing refinement of LRT base design
- Procurement and selection of Alliance Partner
- Advancement of LRT base design in the “Development Phase” inclusive of full City engagement
- Continued Community and Stakeholder Engagement
- LRT Construction and Operation Phases





Hamilton

THANK YOU