

Project Brief | Lakeshore NPS 20 Replacement

Project Background

Enbridge is working on a project that involves replacing an NPS 20 high pressure vital gas main along Lake Shore Boulevard. This vital gas main was installed in the early 1950s (vintage steel) and is nearing the end of its lifespan. As a result, a replacement is required to address condition-based issues such as possible heavy wall loss, dents and corrosion concerns.

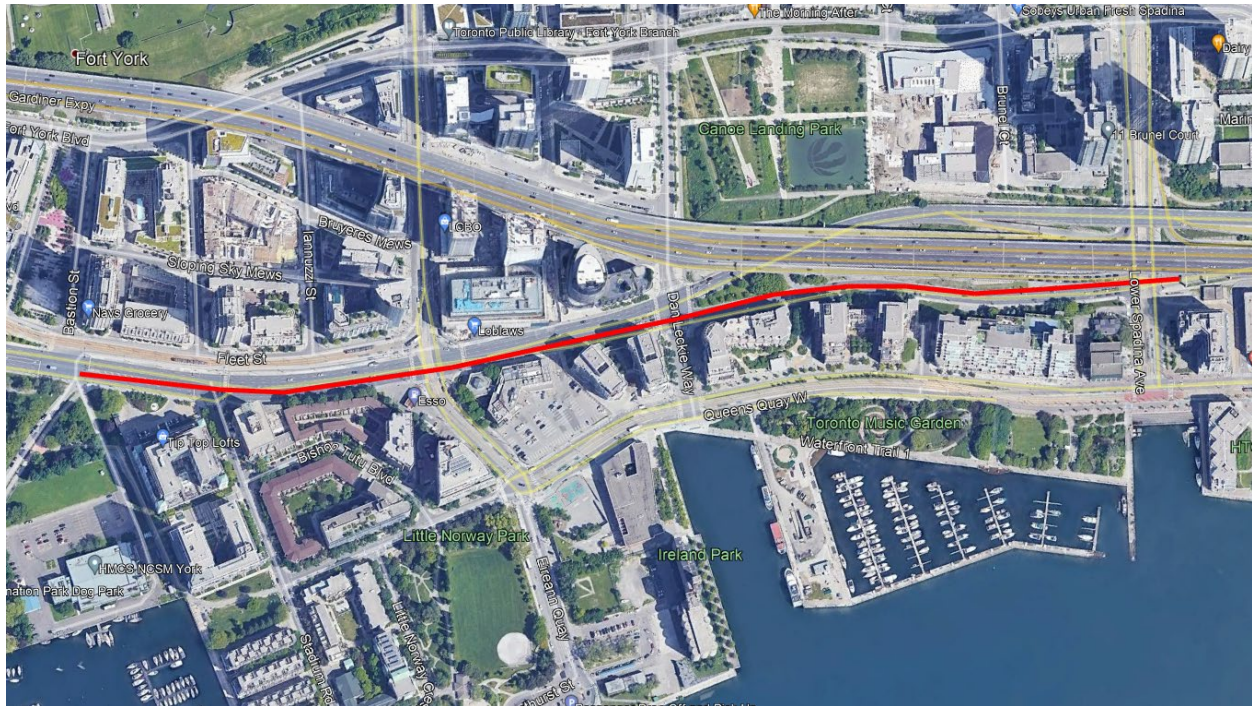
Due to concurrent projects in the area and permitting timelines, Enbridge split this 4.5 km project into 4 components.

- **Component 1 – Cherry Street:** The first component of this project involves the installation of 110 m of an NPS 20 gas main along Lake Shore Boulevard East at Cherry Street. Construction is complete and crews will be fully demobilized by Friday September 10.
- **Component 2 – Bathurst Street:** Enbridge will begin construction of approximately 970 m of NPS 20 pipe along Lake Shore Boulevard West from approximately Bathurst Street to Spadina Avenue. Construction of this portion will commence once Component 1 has been completed and permitting approvals have been received. Tentative construction start is the second week of October, with construction continuing to the end of 2021.
- **Components 3 and 4 – Lakeshore Boulevard and Parliament Street –** construction of the remaining segments along Lakeshore Boulevard and Parliament Street are planned for 2022 construction. Specific construction start dates have yet to be confirmed, though tentatively construction would start following the completion of Component 2, in early 2022.

Please refer to the image below for details.



We are in Phase Two/Component Two: Bathurst Street



Description of work

- Enbridge Gas will construct approximately 974m of NPS 20 pipe along Lake Shore Blvd. West from west of Bathurst St. to the east side of Spadina Ave.

Timing (subject to change)

- Tentative start date: October 12, 2021
- Tentative finish date: December 2021
 - Component 3 to start early 2022
 - Component 4 was planned last as a new Metrolinx permit is required

Location

- Work is taking place along Lakeshore Blvd W from Remembrance Drive. to Lower Spadina Ave, which is approximately 974m.

Public Impacts

- Traffic
 - As part of the project, Enbridge will need to occasionally and temporarily close traffic lanes to accommodate work.
 - All traffic lane closures have permits and will be set up according to the regulations in Book 7.
 - Enbridge has been in constant communication with City of Toronto Construction Coordination and Traffic Mitigation.
- Public Transit
 - We will be performing horizontal directional drilling under the streetcar tracks, which will not impact TTC service
 - Metrolinx will be using Lake Shore Blvd and Bathurst Street to bring construction materials to their site, traffic coordination will occur.