

To: Metrolinx Board of Directors
From: Mathieu Goetzke
Chief Planning Officer
Date: September 12, 2019
Re: **Planning & Design Quarterly Report - June 28 to September 12, 2019**

Recommendation

That this report be received for information.

Executive Summary

Planning and Design (P&D) is pleased to report the following key accomplishments this quarter:

- The Ontario Line Initial Business Case was released and mobilization of the Subway Program is underway;
- The first Metrolinx Asset Protection Package (MAPP) outlining Metrolinx's requirements to developers for Market-Driven Strategy station projects was completed;
- A six-month pilot in partnership with Lyft at four GO Stations was launched
- The Fare Integration Forum established priorities and a vision for a two-year work plan to advance fare and service integration;
- The Regional Roundtable met to receive recommendations from the Fare Integration Forum, provide direction on building a broader case for integration, and discuss best positioning projects to successfully advance Frequent Rapid Transit Network projects; and
- The Bike Infrastructure Standard was completed.

Recent Highlights

Business Case Guidance

- In September 2019, Metrolinx finalized a protocol outlining the requirements and process for publishing business cases. In addition, Metrolinx standardized the use of uncertainty analyses in Metrolinx business case evaluations to align with the recommendations made in the Auditor General's 2018 report. These two initiatives reaffirm the business case process and Metrolinx's commitment to a culture of standardized, evidence-based planning for transportation projects.

Design

- In July, the Bike Infrastructure Standard was completed using the corporate Technical & Design Standard Development Process.
- In July, the Design Principles, Requirements and Guidelines document for transit station integration with developments was completed. This document supports the Market-Driven Strategy to develop transit infrastructure by providing third parties with information to support customer experience and safety in areas not controlled by Metrolinx.

Fare Integration

- On July 5, the Fare Integration Forum held their second meeting to determine priorities for a two-year vision and workplan to advance fare and service integration in the region. The Forum met again in early September to initiate work on a regional fare strategy. The Forum is composed of senior-level municipal and transit agency officials from across the region.

GO Expansion

- Background documents were developed and provided to the four international teams that have been pre-qualified to bid on the OnCorr (On Corridor works), the capital infrastructure build to support increased service for GO Expansion.

Rail Corridor Planning

- In September, Metrolinx, in partnership with the Greater Toronto Airports Authority (GTAA), completed a study to gather input from technical stakeholders and inform technical assumptions for transit connections to the GTAA's proposed Regional Transit & Passenger Centre.
- In September, Metrolinx and the GTAA launched the Airport Area Transportation Study to analyse Airport area travel trends and opportunities in detail. This Study supports Priority Action 2.5 identified in the 2041 Regional Transportation Plan to improve access to airports and prioritize transit use by airport passengers and workers.

Rapid Transit Planning

- On July 25, after extensive work with the City of Toronto, Toronto Transit Commission, and Ministry of Transportation, Metrolinx released the Initial Business Case for the Ontario Line, a 16-km freestanding subway line connecting Ontario Place/Exhibition through downtown Toronto to the Ontario Science Centre. Treasury Board Stage 1 Approval for preliminary design was obtained and mobilization of one fully integrated team is underway. Establishment of a project governance framework is nearing completion.

Regional Planning

- On August 14, the Regional Roundtable of Chief Executive Officers, Chief Administrative Officers and City Managers from municipalities and transit agencies across the region met to receive recommendations from the Fare Integration Forum on the short-term (two-year) workplan for fare and service integration and provided direction on building a broader case for integration. They also discussed advancement of transit projects as part of the Frequent Rapid Transit Network (FRTN) and best positioning projects for success.
- As part of the 2041 Regional Transportation Plan, Metrolinx continues to work with municipal partners to advance the assessment of projects in the Frequent Rapid Transit Network (FRTN) (Priority Action 2.1) through technical analysis and meetings with the Municipal Technical Advisory Committee and the Municipal Planning Leaders Forum.
- On June 22, Metrolinx's Regional Reference Panel held the third of five meetings scheduled for 2019, where the Panel provided insights on Metrolinx's Sustainability Plan and the Toronto Pearson Regional Transit & Passenger Centre concept.

Station Access

- In July, Metrolinx launched a six-month pilot in partnership with Lyft, offering customers \$4 off five rides to four GO Stations: Oakville GO, Bramalea GO, Exhibition GO and Unionville GO. Metrolinx is not providing a subsidy. Rather, the partnership with Lyft is an exchange of marketing assets. Ridership data collected through the pilot will be shared with partners to evaluate the pilot.
- In June, the Whitby Parking Replacement Initial Business Case (IBC) that supports the Modular Parking Pilot was completed and received approval from the Investment Panel. This IBC contemplates the addition of 200 parking spaces at Whitby GO Station through the use of modular parking. Work has now begun on procurement and design of the system with a target in-service date set for Summer 2021.

Stations Planning

- In mid-July, P&D contributed to the completion of the first Metrolinx Asset Protection Package (MAPP). The MAPP will be used to share Metrolinx's requirements for developers in designing and delivering Market-Driven Strategy station projects. The MAPP outlines Metrolinx's principles, governance, rules of engagement and standards that will apply to a particular project.
- In late July, the first phase of the Mobility Hub Guidelines Review and Update concluded, with the completion of a Scope Memorandum. Based on feedback from internal, provincial, municipal and non-governmental stakeholders, the

scope for the remainder of the review will focus on updating the Mobility Hub Guidelines document to:

- enhance guidance on transportation-related considerations;
- identify new implementation tools for integrated transit oriented development and first-mile last-mile solutions;
- address duplication and alignment with other documents; and,
- confirm the definition of mobility hubs.

Union Station Rail Corridor East Enhancements

- In June, the Sponsors Office worked with the Union Station Rail Corridor delivery team to advance solutions for noise impacts along the rail corridor east of Union Station by implementing receptor-based noise mitigation measures for four residential buildings located on the north side of the Union Station Rail Corridor from Lower Jarvis to Parliament streets.

Respectfully submitted,

Mathieu Goetzke
Chief Planning Officer