

To: Metrolinx Board of Directors
From: Mathieu Goetzke, *Vice-President, Planning*
CC: Leslie Woo, *Chief Planning and Development Officer*
Date: Friday, September 14, 2018
Re: **Update on the Implementation of the 2041 Regional Transportation Plan**

Executive Summary

This report provides an update on the progress to date in implementing the 2041 Regional Transportation Plan (RTP) and the establishment of a Regional Roundtable.

Following the approval of the 2041 RTP by the Board of Directors on March 8, 2018, staff initiated a work plan to advance the key program management activities, including prioritization of the 2041 RTP projects and programs. The Regional Roundtable process will be used to confirm and recommend priorities for implementing the plan.

Recommendation

RESOLVED:

THAT, based on the recommendations in the September 14, 2018 report (the "Report") prepared by the Vice-President, Planning, the Metrolinx Board endorse the establishment of the Regional Roundtable as a forum for Metrolinx to collaborate and work with its municipal transit partners on implementing the 2041 Regional Transportation Plan;

AND THAT, as described in the Report, staff work with the Regional Roundtable to develop and recommend a strategy for implementation of the project and program priorities in the 2041 Regional Transportation Plan.

AND THAT staff report back on the Regional Roundtable activities in early 2019.

Background

On March 8th, 2018 the Metrolinx Board of Directors approved the *2041 Regional Transportation Plan* (2041 RTP) and the *Making It Happen* paper for discussion.

As identified in the *Making it Happen* paper, an important step in moving forward on collaborative regional decision-making is the convening of senior municipal leaders to discuss, identify and advance shared regional priorities.

Metrolinx coordinated a Regional Roundtable strategic workshop on July 18 in Toronto, with Chief Administrative Officers and City Managers from GTHA municipalities that provide transit services.

The objectives of the workshop were to:

- Confirm the need for the intra-governmental forum;
- Affirm its purpose, based on the 2041 RTP/*Making it Happen* paper;
- Identify areas of shared, regional interest and priority based on the 2041 RTP/*Making it Happen* paper; and
- Propose and refine elements for a Terms of Reference for future Roundtable meetings.

Regional Roundtable Strategic Workshop (July 18, 2018)

Attendees unanimously agreed:

- There is value in the Roundtable, particularly for sharing information and finding ways to work together in a coordinated manner;
- To meet three times per year (fall, winter and spring); and
- That the purpose of the Roundtable will be to advance regional transportation priorities.

Attendees identified five priority actions for Roundtable members to advance:

- Develop the approach, analysis and recommendations for prioritizing the projects in the 2041 Regional Transportation Plan:
 - Staff will share and consult on an approach to grouping and staging projects and programs so as to maximize network effects and impacts;
 - The Regional Roundtable process will be used to confirm and recommend priorities for implementing the plan; and
 - This work is already underway, as described below.
- Increase information sharing and actively coordinate amongst partners to better prepare for GO transit service growth.
- Coordinate approaches to pilot new ridehailing partnerships that improve station access across the region.
- With the support of municipal partners, Metrolinx will lead efforts to secure, grow and optimize the use of existing rail capacity across the region.
- Work together to develop the business cases that will help municipalities advance fare integration throughout the Greater Toronto and Hamilton Area.

Steps completed and underway to implement the 2041 RTP

- The RTP was finalized, submitted to the Minister and printed.
- The *Making it Happen* paper identified early opportunities and cross-cutting solutions to implement the actions of the 2041 RTP.
- Many initiatives to implement the 2041 RTP are already underway and continue to progress (See Appendix for a status update on the early opportunities and cross-cutting solutions identified in the *Making it Happen* paper.)
- Over the past several months, staff have initiated a work plan to advance the key program management activities:
 - Project and program evaluation and phasing:
 - Defining consultation principles with municipal partners on the strategy, criteria, and methodology as an essential foundation to prioritization;
 - Identifying a first wave of projects for business case development, considering all projects in the Frequent Rapid Transit Network (FRTN) that are not yet In Delivery;
 - Developing a phasing strategy, highlighting conditions for success and recommending project groupings to be delivered for the 2025, 2031 and 2041 horizons;
 - Providing inputs to MTO's *Greater Golden Horseshoe Transportation Plan*; and
 - Examining opportunities beyond the initial focus on FRTN projects,
 - Frequent Rapid Transit Network (FRTN) planning:
 - Developing guidance material on the features and potential standards for the FRTN, beginning with an FRTN 'primer';
 - Collecting detailed data on transportation and land-use conditions of the FRTN corridors, to support prioritization and further planning; and
 - Reviewing the Mobility Hubs criteria and list to reflect the 2041 RTP.
 - Performance monitoring:
 - Developing an approach to monitoring and reporting on progress of all the 2041 RTP strategies and actions; and
 - Identifying performance measures and implementation progress measures.

- Business case integration:
 - Integrating criteria and guidelines into the Business Case Guidance to ensure alignment with the RTP is considered as part of the project assessment and Benefits Management processes.
- Coordination with the *Greater Golden Horseshoe Transportation Plan*:
 - Working with Ministry of Transportation staff to include the 2041 RTP in the technical analysis for the *Greater Golden Horseshoe Transportation Plan*.

Next Steps

- Consult with the Municipal Planning Leaders Forum and other municipal stakeholders on a draft framework for project phasing (fall 2018);
- Schedule and prepare for the next Regional Roundtable meeting with members (fall 2018); and
- Prepare draft terms of reference for discussion and approval at the next Regional Roundtable meeting (fall 2018).

Respectfully submitted,

Mathieu Goetzke
Vice-President, Planning

Attachments

Appendix 1: 2041 RTP Making It Happen - Progress on the Early Opportunities Dashboard

2041 RTP Making It Happen - Progress on the Early Opportunities Dashboard

Strategy	Early Opportunities	Examples of Progress
1-Complete	Benefits management	<ul style="list-style-type: none"> • Business Case Guidance currently under consultation, with effort underway to integrate the 2041 RTP. • Approximately 45 Business Cases under development (e.g. GO Expansion, Hurontario LRT Full Business Case). • Metrolinx established the Sponsor Office in December 2017 to ensure accountability for benefits realization through project delivery.
	Project agreements	<ul style="list-style-type: none"> • Finch West LRT DBFM contract awarded in May, 2018.
	Design excellence, universal access and sustainability	<ul style="list-style-type: none"> • Metrolinx selected the Crosstown LRT Integrated Art installations to support design excellence along the Eglinton LRT corridor. • Metrolinx is currently developing new Universal Design Standards.
	Future-proof Union Station	<ul style="list-style-type: none"> • Stage 1 work underway on Union Station Enhancement Project. • Construction of new Union Station Bus Terminal underway.
	Federal program alignment	
	Strategic passenger & freight rail	<ul style="list-style-type: none"> • A Quality Based Selection (QBS) tender was released in June 2018 to study options for journey time and service frequency improvements on the Kitchener Corridor. Some of these options anticipate the construction of a freight bypass to facilitate the separation of passenger and freight rail traffic on the Halton Subdivision.
2-Connect	FRTN delivery strategy	<ul style="list-style-type: none"> • FRTN Corridor Conditions study underway.
	5-10 Year GO Bus Plan	<ul style="list-style-type: none"> • Roll-out of the 2017-2022 Metrolinx GO Bus Service Plan is underway.
	Pearson employment area	<ul style="list-style-type: none"> • Update to the Airport Area Transportation Study (first completed in 2015) is in development. • Continuing planning work for Eglinton West LRT extension.

Strategy	Early Opportunities	Examples of Progress
3-Optimize	Fare integration	<ul style="list-style-type: none"> The GO/UP-TTC discounted double fare was implemented in January, 2018. Implementation of TTC PRESTO 2-hour transfer completed in August, 2018. Work continues to address fare barriers relating to the GO base fare, TTC-905 double fare, and fare policy harmonization.
	Service integration	<ul style="list-style-type: none"> Engagement with municipal service providers took place throughout the summer, focused on station access. Metrolinx staff continue to facilitate discussions with GTHA paratransit agencies to improve cross-boundary service transfers and alignment on service policies.
	Region-wide customer charter	<ul style="list-style-type: none"> Updated Metrolinx Customer and Safety Charters, with a revised emphasis on customers as the core of the organization, and elevated role of safety.
	Integrated trip planning	<ul style="list-style-type: none"> Expanded coverage area and real-time transit data availability within Triplinx regional trip planning application.
	Station Access	<ul style="list-style-type: none"> Update of station access design standards (cycling infrastructure, pick-up and drop-off (PU DO) and bus loops) underway. Travel planning initiatives undertaken (and ongoing) at Smart Commute workplaces and rapid transit stations to encourage alternative travel to/from GO stations. GO Transit Station Access & Amenities Survey completed.
	Parking cost recovery	<ul style="list-style-type: none"> GO Transit Reserved Parking Pilot under development. GO station License Plate Recognition technology pilot underway.
	Road design harmonization	<ul style="list-style-type: none"> Ontario Traffic Manual Book 18 Cycling Facilities is undergoing review.
	Regional parking standards	<ul style="list-style-type: none"> Municipal parking initiatives ongoing (e.g. City of Mississauga Parking Master Plan and Implementation Strategy).

	Corporate leadership (TDM)	<ul style="list-style-type: none"> Self-serve transportation demand management (TDM) resource hub for employers launched by the Smart Commute program to incentivize corporate leadership.
	School travel	<ul style="list-style-type: none"> Published Active and Sustainable School Travel lesson plans based on the Ontario elementary school curriculum. Local initiatives ongoing (e.g. 543 schools registered for Bike to School Week).
4-Integrate	Mobility hub guidelines & plans	<ul style="list-style-type: none"> Initiated update of Mobility Hub Guidelines, criteria and network. Municipalities, including the City of Burlington have Mobility Hub Plans under development.
	Station area development	<ul style="list-style-type: none"> Completed revised business cases for new Regional Express Rail Stations. Where feasible, Metrolinx is proceeding with the disposition of surplus lands for development.
	Plan review protocols	<ul style="list-style-type: none"> Metrolinx is reviewing its role within the Provincial One Window Planning Service. The One Window Planning Service is a coordinated, inter-ministry process for collaboration on the review of land use planning files, decisions and appeals to the Local Planning Appeal Tribunal (LPAT) and other matters such as education and training.
	TPPS/TMP Regulation	
5-Prepare	On-demand service	<ul style="list-style-type: none"> Exploratory meetings held with all transit operators in the GO service area to identify opportunities and work underway. Various municipal service providers are moving ahead with or exploring pilot opportunities for micro transit.
	Autonomous vehicles	<ul style="list-style-type: none"> Ontario Ministry of Transportation proposed amendments to Ontario Regulation 306/15: Pilot Project - Automated Vehicles relating to vehicle exemptions, platooning and application requirements. The City of Toronto has implemented a multiyear "Preparing for Autonomous Vehicles" workplan. The City of Toronto in partnership with Metrolinx and

		the TTC is developing a driverless shuttle pilot to operate to/from transit stations.
	Mobility as a service	<ul style="list-style-type: none"> • PRESTO is issuing a request for information in August to assess industry and readiness in this area. • PRESTO Mobile app is in development, which will set the foundation for integration with a future mobility as a service platform.
	Cross-regional learning	<ul style="list-style-type: none"> • Regional goods movement studies and pilots are underway, including the establishment of the Smart Freight Centre and Peel Region led Off-Peak Delivery Pilot.
	Emergency readiness	<ul style="list-style-type: none"> • Metrolinx Enterprise Business Continuity program is underway in building operational capability to response to business disruption in a timely manner.
	Vision Zero	<ul style="list-style-type: none"> • Municipal Vision Zero and road safety strategies in development and implementation phases (e.g. City of Toronto School Zone speed cameras).
	Asset readiness	<ul style="list-style-type: none"> • Metrolinx released first Climate Adaptation Strategy in May, 2018, outlining how climate resiliency will be imbedded into the planning, building and operation of regional transportation. • Flood plain mapping workshop held in partnership with conservation authorities, focused on existing and future assets along electrified GO corridors and rapid transit lines.
	Emissions reductions	<ul style="list-style-type: none"> • The Hydrogen Feasibility Study has been initiated by Metrolinx to explore issues associated with implementing trains powered by hydrogen fuel cells.
Collaborative Regional Decision-Making	Convene municipal leaders	<ul style="list-style-type: none"> • Initiated the convening of the Regional Roundtable, with the first meeting held in July, 2018.
	Engage the public & stakeholders	<ul style="list-style-type: none"> • Re-engaged the Municipal Planning Leaders Forum and RTP Municipal Technical Advisory Committee to support implementation planning and priorities of the Regional Roundtable.
	Establish agreements, frameworks & processes	<ul style="list-style-type: none"> • Various joint studies underway between Metrolinx and municipal partners regarding specific transit projects

		(e.g. Yonge North Subway Extension, Relief Line North).
Setting Priorities	Develop a common prioritization framework tied to benefits management	<ul style="list-style-type: none"> • Metrolinx is developing a 2041 RTP prioritization framework and criteria for consultation.
Funding Mobility	Identify optimum conditions	
	Identify opportunities to re-profile existing funding	
Monitoring & Reporting	Coordinate data; travel demand modelling	<ul style="list-style-type: none"> • RTP Frequent Rapid Transit Network data compiled and available for regional stakeholders by request • Ongoing, continuous improvement of regional travel demand model, including updating to reflect results of the recently released Transportation Tomorrow Survey (TTS 2016).
	Develop performance targets	<ul style="list-style-type: none"> • 2041 RTP Monitoring & Evaluation Strategy (and related KPIs) currently under development.