



To: Metrolinx Board of Directors
From: John Howe
Vice President, Investment Strategy & Project Evaluation (IS&PE)
Date: June 27th, 2013
Re: **ISPE Quarterly Report, June 2013**

Executive Summary

Building on the completion and Metrolinx Board approval of the Investment Strategy report of May 27th, this quarterly report identifies work and research progress in support of Next Wave implementation.

Recommendation

That the Board receive and approve this report for information.

Investment Strategy Outreach

Since the May 27th Board of Directors meeting where the Investment Strategy report was adopted, staff have invested significant effort in reaching out to stakeholders, municipalities and the public. A partial list, to be updated at the June 27th Board meeting, is appended to this report.

Investment Strategy Impacts and Benefits Reports

Additional background reports will be made available to strengthen awareness and understanding of the technical considerations and case-making for the Metrolinx Investment Strategy. These reports are in addition to the previously released study on 25 revenue tools. The reports were prepared for Metrolinx by the expert team of AECOM, KPMG, and the Centre for Spatial Economics. These reports will be posted before the September 10, 2013 Metrolinx Board meeting. The five studies present information on a variety of topics, and are as follows:

Detailed Case Studies of Selected Revenue Tools

Presents 15 jurisdiction-specific experiences where investment tools have been implemented to fund transportation projects. Each case study describes revenues, behavioural impacts, implementation and administration issues, governance, equity and distributional impacts, and overall economic efficiency for the specific case studies.

Economic Impacts of Metrolinx Transportation Project Scenarios

Presents several different build scenarios, or scenarios for the development of transportation infrastructure. The document shows the economic impact of each scenario over the period 2012 to 2031. The study calculates the increases to real GDP, employment, labour productivity, and impacts on federal/provincial/municipal government revenue and budget balances.

Economic Benefits of Major Transportation Investments: An Overview

Presents an overview of the benefits arising from transportation investment. It reviews Metrolinx's existing benefits case assessments and discusses types of economic uplift made possible by transit investment and how they can be properly modeled.

Social and Community Benefits of Metrolinx Rapid Transit Projects

At a high-level, summarizes the benefits of Metrolinx rapid transit projects for the elderly population, youth/school aged children, low income population and public health. The document outlines which transit projects will have the greatest impact on each of these areas.

Construction Capacity Study

Assesses the impact of Metrolinx investment programs on the Greater Toronto and Hamilton Area, South-Central, and Ontario construction and labour markets. This study sheds light on the current and forecasted condition of the construction sector and assesses the impacts of a major rapid transit build program in terms of impact on the construction labour market; potential supply side capacity constraints in construction labour markets, among general and trade contractors, and in the supply of engineering services; impacts to building materials and equipment markets; and the adverse effects of how these capacity constraints may be mitigated.

Next Wave Project Evaluation Progress

Brampton Queen Street Rapid Transit

Working with staff from the City of Brampton, and Brampton Transit, IS&PE led the completion of the Brampton Queen Street Rapid Transit draft Benefits Case Analysis (BCA). Improvements beyond the already well-performing Züm service (part of the \$16B First Wave) were evaluated, in the form of both LRT and BRT for the partial and full corridor. Evaluation suggests that options including LRT and/or BRT should be advanced to the Planning, Design, and Engineering stage of work. The BCA will be posted before the September 10, 2013 Metrolinx Board meeting.

Hamilton Light Rail Transit

The Hamilton King-Main LRT has reached a state of 30% design upon submission of the Planning Design Engineering (PDE) work to Metrolinx by the City of Hamilton. The submission of this work completes the \$3 million PDE contribution agreement between the City of Hamilton, Metrolinx, and the Province of Ontario. The submission by Hamilton to Metrolinx can be found on Hamilton Transit's website.

Yonge North Subway Extension

Metrolinx staff, York Region, York Region Rapid Transit, and TTC staff have worked together to update the Yonge North Subway Extension BCA. The updated Yonge BCA revises the 2009 BCA already available on the Metrolinx website and introduces an option whereby the subway is extended from Finch to Steeles, as Phase One towards full implementation to Richmond Hill Centre. This option is meant to assess the value of proceeding with the project in a phased approach. How the ultimate extension of the Yonge Line to Richmond Hill Centre is staged will be assessed as part of the on-going Regional Relief Options Study (RROS), led by Policy, Planning and Innovation in collaboration with Toronto and York Region. The BCA will be posted before the September 10, 2013 Metrolinx Board meeting.

In parallel to the Yonge North updated BCA, York Region and Metrolinx are collaborating to finish a land value capture study for the Yonge corridor. The interim results indicate there are significant land value capture opportunities that could realize a contribution to paying for a cost of the line.

Hurontario-Main Light Rail Transit

Building on the positive results of the Hurontario-Main Benefits Case, City of Mississauga and City of Brampton staff working with Metrolinx have been leading the planning, design, and engineering (PDE) work for the Hurontario-Main LRT. The PDE work will include an Environmental Assessment, which is expected to be completed by spring 2014. By late 2014, the Hurontario-Main project will be 30% designed, have an updated Benefits Case and be ready for a Value-for-Money assessment to determine the preferred delivery approach.

Relief Line Preliminary BCA

The Relief Line Preliminary BCA will be posted before the next Board meeting. This BCA summarizes previous work related to the Relief Line project, describes high-level potential options to meet defined broad objectives, and confirms the need for a significant transportation and transit congestion relief investment accessing downtown Toronto. The report recommended further network-level study to be completed to evaluate options, currently being advanced by the *Regional Relief Option Study* work now underway.

Attachments

Investment Strategy Outreach List.

Respectfully submitted,

John Howe

Vice President, Investment Strategy & Project Evaluation

Appendix: Investment Strategy Briefings

Stakeholders, Municipal and Local Business Leaders

May 28	Informa Canada
May 29	ITS Canada Conference
May 30	Canadian Parking Association
May 30	Rogers TV 'Goldhawk Live'
May 31	Toronto Region Board of Trade (TRBOT)
June 3	Durham Stakeholder Briefing <ul style="list-style-type: none"> • CivicAction • Ajax-Pickering Board of Trade • Clarington Board of Trade • Rouge Valley Health System • City of Pickering • Region of Durham • Durham College • Durham Region Home Builders Association • Freedom 55 Financial • Municipality of Clarington • U-Pak • CLH Designs
June 4	York Stakeholder Briefing <ul style="list-style-type: none"> • Transport Action • Unionville Ratepayers Association • City of Markham • Richmond Hill Chamber of Commerce • Markham Board of Trade • Toronto Real Estate Board • Sun Life Financial • CivicAction • CAA • Smart Commute • Sylvia Sikakane and Associates
June 4	Canadian Urban Transit Association (CUTA)
June 4	Trillium Automobile Dealers Association
June 6	Council for Clean Capitalism
June 7	Peel Stakeholder Briefing <ul style="list-style-type: none"> • City of Mississauga • City of Brampton • Brampton Real Estate Board • Peel Poverty Action Group • Royal LePage Realty Plus • CivicAction • Hydro One • Smart Commute
June 10	Automotive Resources International (ARI)
June 10	Downtown Denver Partnership
June 10	Toronto Stakeholder Briefing

- Ministry of Environment
- Ministry of Transportation
- Association of Municipalities of Ontario
- Caldwell Securities Ltd.
- Transport Canada
- CivicAction
- Ontario Chamber of Commerce
- Ontario Society of Professional Engineers
- University of Toronto
- Urban Strategies
- Parsons Brinckerhoff

- June 12 Hamilton Stakeholder Briefing
- City of Hamilton
 - Environment Hamilton
 - Mohawk College
 - Hamilton Port Authority
 - Community Car Share
 - Hamilton HIVE
 - Hamilton Chamber of Commerce
 - McMaster University
 - BHH Benefits
 - Real Estate Strategy Ltd.
 - CAA
 - YWCA
 - REALTORS Association of Hamilton-Burlington
 - Strategic Interchange
 - ArcelorMittal Dofasco
- June 12 City Managers and CAOs Briefing
- June 19 Professional Engineers of Ontario
- June 21 Rotary Club of Mississauga
- June 24 Greater Toronto Marketing Alliance (GTMA)
- June 24 PricewaterhouseCoopers (PWC)

A revised stakeholder meeting summary will be presented to the Metrolinx Board meeting on June 27.