



To: Metrolinx Board of Directors
From: Jack J. Collins
Executive Vice-President, Rapid Transit Implementation
Date: June 26, 2014
Re: **Rapid Transit Implementation (RTI) Quarterly Report – June 2014**

RECOMMENDATION

That this report be received for information.

MAJOR HIGHLIGHTS

The East Tunnel contractor, Aecon Dragados Joint Venture, took occupancy of the site office in January 2014 and is proceeding with site mobilization and utility relocation activities.

With ongoing construction along Eglinton Avenue, our Communications team continues to enhance communications with the public, with an emphasis on the upcoming launch shaft work at Allen Road. These efforts include briefing elected officials, sending out additional community mailers, enhancing website content, installing additional signage and increasing the project's social media presence.

On the vivaNext Bus Rapid Transit Program, the procurement of a design-builder for the Yonge Rapidway Project concluded with the award of the contract to York RapidLINK Constructors (Aecon-Dufferin) for a total price of \$260 million. Significant progress has also been made on the procurement of the remaining Highway 7 – H2 and H3.4 package using Infrastructure Ontario's Alternative Financing Procurement model. Three design-build-finance teams were qualified by a joint Infrastructure Ontario, Metrolinx and York Region evaluation panel to proceed to the RFP stage in July 2014.

Metrolinx and the Toronto Community Benefits Network signed a Metrolinx Community Benefits Framework in April 2014 that recognizes that major transit infrastructure investments should also provide benefits for the communities including employment, training and apprenticeship opportunities as well as opportunities for the provision of goods and services from local suppliers and social enterprises.

The first segment of the Highway 7 vivaNext Rapidway has been selected for a major award by the American Public Works Association (APWA): 2014 Project of the Year for transportation projects over \$75 million.

LRT PROJECT UPDATES

Eglinton Crosstown Project

The Request for Proposal (RFP) for the Design-Build-Finance-Maintain contract for the Eglinton Crosstown Light Rail Transit (LRT) project was released on December 20, 2013 to the two pre-

qualified consortia: Crosslinx Transit Solutions and Crosstown Transit Partners. During the 42-week in-market period, there will be approximately 45 design and topic meetings to provide feedback to the Proponents to assist in the preparation of their submissions, which are to be submitted in October 2014. These two proponents have submitted over 100 Requests for Information (RFIs) to date and six post-tender addenda have been issued in response. The purpose of these interactions with proponents is to ensure fully compliant bid submissions in the fall of this year.

The East Tunnel contract was awarded in October 2013 to Aecon Dragados Joint Venture, with the Notice to Proceed issued in November 2013. The contractor took occupancy of the site office in January 2014 and is now proceeding with site mobilization, signage for upcoming construction, and utility relocation activities. In early February the RTI engineering team moved to the project office at Brentcliffe and Eglinton and is now working from this location. Negotiations to finalize property acquisition and respective permits required for the launch shaft is on track. Construction advisory signage has been installed on Eglinton and along all major cross streets. In addition, Project signage has been installed along Eglinton and in the vicinity of the East Launch Shaft.

Both tunnel boring machines are in operation in the West Tunnel and are advancing towards the first extraction shaft at Allen Road. Surface works, including utility relocation work and headwall construction at Keele, Oakwood and Caledonia stations are nearing completion and now underway at Dufferin, Allen Road and Chaplin.

The Kennedy Station draft design and proof of concept report was developed with collaboration and input from TTC who brought forward the concept to the March 26, 2014 meeting of the Commission where it was approved.

Finch West and Sheppard East LRT Project

After a competitive selection process the Technical Advisors for the Finch West and Sheppard East LRT projects were awarded on February 15, 2014 to AECOM. The project management team for the Finch West and Sheppard East LRT projects commenced mobilization in early March and is proceeding to review documentation and identify critical activities. Metrolinx are working on next steps for the Finch West LRT procurement as a Design Build Finance Maintain contract utilizing Infrastructure Ontario.

BRT PROJECT UPDATES

Yonge Street – VIVA Rapidway Bundle – 9.0 km

The procurement of a design-builder for the Yonge Street Rapidway concluded in April with the award of the contract to York RapidLINK Constructors, a team led by Aecon and Dufferin, for a total price of \$260,465,000. Mobilization and early design activities are starting. Project completion is anticipated in 2018.

Highway 7 – Vaughan to Richmond Hill Centre & Unionville Centre Bundle – 13.6 km

The last contract bundle for the vivaNext BRT program is advancing with three teams qualified to proceed to the RFP stage that will start design in July. The three qualified teams are:

- move7 Transit Partners (OHL Construction Canada Inc., Miller Infrastructures Inc., Black and MacDonald Ltd., BMO Capital Markets, Parsons Canada Inc., Delcan Corporation, Morrison Hershfield Ltd., Applied Research Associates Inc.)

- RapidLINK (Aecon, Dufferin Construction, National Bank Financial Inc., AECOM, Hatch Mott MacDonald, T2 Utility Engineers)
- EDCO (EllisDon Civil Ltd., Coco Paving Inc., EllisDon Capital Inc., IBI Group, WSP Canada, LEA Consulting Ltd., Peto MacCallum Ltd.)

The AFP award date is scheduled in summer 2015 with project completion anticipated in 2019. Upon completion over 34 Km of vivaNext Rapidways will be in service.

Highway 7 – Richmond Hill Centre to Warden Avenue (H3) 6.0 km

In August 2013, the first segment of the Highway 7 rapidway opened between Yonge Street and Highway 404. The project is recipient of the APWA 2014 Project of the Year - Transportation more than \$75 million. Construction activities on the remaining segment, east of Highway 404, are underway. A partial opening is anticipated for August, with project completion by December 2014.

Davis Drive – Newmarket (D1) – 2.6 km of rapidway

Construction activity and property acquisitions for the Davis Drive BRT are moving forward. Activities include utility relocations, road widening and retaining walls along the corridor. Project completion is forecast to be delivered within the approved budget, with completion planned for 2015.

Highway 7 – Vaughan Metropolitan Centre (H2 VMC) – 3.6 km

Works required to widen the CN MacMillan Bridge to accommodate the 2-lane rapidway are advancing. Utility relocations by Bell and Powerstream are continuing, and the completion of the contract is still on schedule for late 2016 to coincide with the opening of the TYSSE subway extension.

Program Budget

Costs incurred to February 28, 2014 for the Toronto LRT Program and York Region BRT Program are shown in the Table 1. Both the LRT and BRT programs are trending to budget.

Table 1: Program Incurred Costs to February 28, 2014

Program	Current Budget (Year of expenditure)	Incurred Cost To Date	% Total
Toronto LRT Program	\$11,158,959,815	\$ 926,669,746	8.3%
York Region BRT Program	\$ 1,755,003,999	\$ 494,070,425	28.2%
Total Program	\$12,913,963,814	\$1,420,740,171	11.0%

Respectfully submitted,

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