

To: **York Region Rapid Transit Corporation Board of Directors**

From: **Mary-Frances Turner, President**

Subject: Project Status Quarterly – Q1 2015

Ref: YORK-#5944873

## Recommendation

It is recommended that:

1. The attached Project Status Quarterly – Q1 2015 report from the Chief Financial Officer be received for information.

## Purpose

The purpose of this report is to provide a project activity and financial update to the Board. The Project Status Quarterly – Q1 2015 report is attached, and reflects activities up to March 31, 2015.

## Project Highlights

### ***Bus Rapidways & Stations (BRT) Program***

***With 6.0 km of rapidway in service along Highway 7 in 2014, 17% of the BRT program has now been completed***

- Highway 7 East (H3), from Bayview Avenue to Warden Avenue (6.0 km) – over 95% completion, with some finishing touches completed by this Summer
  - Last segment from South Town Centre Boulevard (STC) to Warden Avenue in service as of January 4, 2015, creating a seamless connection along Highway 7 East from Bayview Avenue in the Town of Richmond Hill to City of Markham's Downtown
  - Preparation work for top lift asphalt, the installation of boulevards, pavers and sidewalks, and planting from STC to Warden Avenue have commenced, with completion by late June

- Since the opening of the first segment of the rapidway in August 2013 – average decrease of 35% in travel time from Bayview Avenue to Highway 404, and 10% increase in ridership from Bayview Avenue to South Town Centre
- Davis Drive (D1), from Yonge Street to Roxborough Road (2.6 km) – to-date construction at 70% completion and in service as of December 17, 2015
  - Construction work continues on the two vivastation canopies at Main Street and Southlake; east and west platforms at Longford vivastation nearing completion
  - With the relocation of Union Hotel completed, site restoration and exterior landscaping are expected to commence this Spring
  - Work for the installation of sanitary and storm sewers as well as road widening is on-going
- Highway 7 West (H2-VMC), from Bowes Road to Edgeley Boulevard – (3.6 km):
  - East of Jane Street – construction works underway with construction at 40% completion to-date and this rapidway segment available for service in Fall 2016
    - Utility relocations completed from west of CN bridge to Jane Street
    - Widening of CN bridge progressing – at approximately 62% completion
    - Replacement/Upgrading of storm sewers progressing – at 60% completion
  - West of Jane Street – construction works to commence this Spring once area is handed over by the Toronto-York Spadina Subway Extension (TYSSE) project; segment to open in sync with the opening of the subway in December 2017
- Yonge Street (Y2.1, Y2.2, & Y3.2) – (8.9 km):
  - Design-Build Constructor, RapidLINK, progressing to 90% design, which have allowed for start of relocation design works by the Utility Companies
    - Enhanced designs for Y3.2 and Y2.2 completed – Y2.1 to follow shortly
    - Enbridge to start utility relocations at Y3.2 this Summer – followed by Bell and Rogers, and Newmarket-Tay Hydro thereafter
  - All segments of rapidway in service by end of December 2018
    - Y2.1 – Highway 7 to Major Mackenzie Drive
    - Y2.1 – Leventdale Avenue to 19th Avenue
    - Y3.2 – Mullock Drive to Davis Drive
- Highway 7 West (H2), from Yonge St. to Bowes Road and Edgeley Boulevard to Pine Valley Drive (approximately 12.0 km) – procurement for Design-Build-Finance (DBF) contract underway, with Infrastructure Ontario leading the process
  - RFP released in September 2014, with 3 pre-qualified proponents – RapidLINK, EDCO and move7
  - DBF contract award projected in September 2015 – rapidway in service by end of November 2020
  - Geotechnical investigations, subsurface utility investigations and CCTV sewer inspections in support of the Design-Build-Finance procurement, completed
- BRT– Rapidways & Stations program is fully funded by the Province of Ontario and represents a total transportation infrastructure investment of \$1.755 billion in the Region – part of the Metrolinx's *'The Big Move'* first wave of projects announcement

## **Facilities and Terminals Program**

### ***Canada Strategic Infrastructure Fund (CSIF) Program is well underway***

- Construction is now complete for the state-of-the-art Operations, Maintenance and Storage Facility (OMSF) at Headford Business Park in the Town of Richmond Hill. Project completed by PCL Constructors, with substantial completion and hand-over to York Region Transit (YRT) on March 30, 2015
  - OMSF is a 24-acre site, with a 481,679 square foot, targeted LEED Silver Certified building constructed to have an immediate storage capacity for 196 Viva vehicles and which will increase to 250 over time
  - Facility to be occupied by York Region Transit and the Transit Service Contractors – and to also store and maintain York Region’s Viva fleet
- Purchase of the Cornell Terminal lands closed in October 2014 – located at Highway 7 East and Ninth Line in the vicinity of Markham-Stouffville Hospital
  - Procurement for design and construction services to start this Spring – targeting for the construction of the 11-bay bus terminal to commence in early 2016, with completion in late 2017

### ***Implementation of the integrated Park ‘n’ Ride facilities for YRT/Viva region-wide in support of the Bus Rapidways Transit System has commenced***

- Highway 7 East (H3) – procurement for the design and engineering of the on-surface parking facility at Warden Jug Handle (Warden Ave./Enterprise) in progress – construction to commence in Spring/Summer 2016
- Davis Drive (D1) – this Park ‘n’ Ride facility will be completed in September. It is being delivered by GO Transit and funded in partnership by Metrolinx, GO Transit and the Province

## **Subways Program**

### ***Construction of the Toronto-York Spadina Subway Extension (TYSSE) is on-going***

- Region’s cost-to-date is \$229.3 million when comparing to its original TYSSE contribution commitment of \$351.6 million – this excludes the Capacity Buy-In and Viva Concourse at Vaughan Metropolitan Centre
  - Public announcement made by TTC CEO that the project will be completed by the end of December 2017, with \$150.0 million in additional funding required to reset the project – out of which the Region has approved its contribution share of \$60.0 million per the TYSSE Contribution Agreement
    - \$80.0 million for Bechtel, a project management firm to oversee and deliver the project by end of December 2017
    - \$70.0 million for additional project management costs – 2016 and 2017
    - Does not consider potential additional costs to settle delay claims from TYSSE’s contractors – this will be reported at a later date this year

- Construction of the stations progressing, of which 3 are in York Region – Black Creek Pioneer Village, Highway 407 and Vaughan Metropolitan Centre (VMC)
- Viva Concourse – underground connection connecting the YRT/Viva system to the subway at Vaughan Metropolitan Centre progressing
  - Design completed and construction underway – project completion timeline in sync with the opening of the subway
- SmartCentres-Vaughan Metropolitan Centre (VMC) Terminal – a 9 bus-bay terminal located at VMC Subway Station
  - Concept Design by Diamond Schmitt Architects Incorporated (DSAI) completed, with Preliminary Design to be completed in Q2 this year
  - Procurement of the Construction contract planned to start in Q3 this year – construction to start in 2016 and project completion timeline staged with the opening of the subway

**Yonge North Subway Extension**

- Transit Project Assessment Process (TPAP) – preferred option for the location of the Train Storage Facility finalized and approved by the Ministry of the Environment and Climate Change
- Funding for Preliminary Engineering (30% design) made available by the Province

Financial Highlights

**For the first quarter, Capital Expenditures were \$118.5 million – of which the Region’s contribution was \$16.0 million (Table 1)**

**Table 1 – YRRTC Capital Expenditures, Year-to-Date 2015**

Capital Expenditures (\$Millions)	Regional Program (YTD) \$	Metrolinx Program (YTD) \$	Inception-To-Date \$	Funding \$
BRT Rapidways & Stations		72.9	784.3	1,755.0
BRT Facilities & Terminals & Buses	18.6		193.4	244.5
Spadina Subway Ext.	26.9		711.2	1,098.8
<i>Construction</i>	26.9		687.9	1,054.8
<i>Viva Concourse</i>	-		3.1	13.7
<i>Capacity Buy-In &amp; Other</i>	-		20.1	30.3
Yonge North Subway Ext.	-		3.9	4.3
Rapidway Studies	-		2.0	3.2
<b>Total Capital</b>	<b>45.6</b>	<b>72.9</b>	<b>1,694.8</b>	<b>3,105.7</b>
<b>Total Regional Funded</b>	<b>16.0</b>		<b>336.5</b>	<b>510.4</b>

\* Budget is net of Municipal & 3<sup>rd</sup> Party Recoveries

- Metrolinx Capital Program – expenditures for the BRT-Rapidways & Stations program are \$72.9 million, driven by:
  - Construction finishings on Highway 7 East (H3)
  - Construction progressing along Davis Drive (D1) and Highway 7 West (H2-VMC)
  - Purchase of lands for Yonge Street (Y2.1 & Y2.2) and the remaining Highway 7 West (H2)
- Regional Capital Program – expenditures are \$45.6 million, driven by the on-going construction of the TYSSE project and substantial completion of OMSF

***For the first quarter, Net Operating Expenditures are (\$1.4 million) versus the approved budget of (\$1.5 million) (Table 2) – due to timing differences***

**Table 2 – YRRTC Operating Expenditures, Year-to-Date 2015**

Operating Expenditures (\$ Millions)	Total Operating Expenditures \$	Regional Operating Expenditures \$	Metrolinx Operating Expenditures \$
YRRTC Staff & Administration.	2.5	0.6	1.8
York Region Staff & Administration	1.0	0.0	1.0
Financing Costs	1.1	1.1	0.0
<b>Gross Operating</b>	<b>4.6</b>	<b>1.8</b>	<b>2.8</b>
Capital Recoveries	(2.8)	(0.0)	(2.8)
Revenues	(3.1)	(3.1)	0.0
<b>Net Operating - Tax Levy</b>	<b>(1.4)</b>	<b>(1.4)</b>	<b>0.0</b>

- Gross Operating Expenditures are \$4.6 million, offset by:
  - Capital Recoveries of \$2.8 million against the Metrolinx and Regional Capital Programs – staff and administrative costs, including office leases
  - Revenues of \$3.1 million from Development Charges and Federal Gas-Tax Revenues, offsetting Financing Costs of \$1.1 million for Debt Principal and Interest payments

For more information on this report, please contact Michael Cheong, Chief Financial Officer, York Region Rapid Transit Corporation at 905-886-6767, Ext. 71015.

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Mary-Frances Turner  
President

May 14, 2015  
Attachment: (1)