

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

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

Subject: Project Status Quarterly Report – Q1 2016

Ref: YORK-#6705259

## Recommendation

It is recommended that:

1. The attached Project Status Quarterly – Q1 2016 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 2016 report is attached and reflects activities up to March 31, 2016.

## Project Highlights

### ***Bus Rapidways & Stations (BRT) Program (refer to Appendix A)***

***The Davis Drive BRT segment in the Town of Newmarket is now in service – adding another 2.6 km for total rapidways to-date in the Region to 8.6 km or 25% of the program***

- Davis Drive (D1), from Yonge St. to Highway 404. (2.6 km) – in service as of December 2015
  - With the rapidway in service – average YRT and Viva daily ridership shows an increase of 49% when comparing December 2015 to December 2014
  - Boulevard works nearing completion and planting works to commence shortly
  - Preparation activities for remaining works related to private properties completed, e.g. grading, asphaltting & landscaping

### ***Construction continues along the rapid transit corridor in the Vaughan Metropolitan Centre***

- Highway 7 West (H2-VMC), from Bowes Rd. to Edgeley Blvd. – (3.6 km)
  - East of Jane St. – construction works progressing, with to-date completion at approximately 61% and rapidway segment available for service in late 2016
    - Road works such as excavation and base asphalt paving to commence in early Spring – unit paving work (pre-cast pavers) in the boulevards progressing ahead of schedule due to favourable weather conditions
    - Retaining wall works at CN Bridge progressing
  - West of Jane St. – construction works ongoing, with roadworks to be completed in Fall 2016
    - Utility relocations for telecommunication works (cable pulling and cut-over) progressing and to be completed by end of Spring
- VMC Canopy at Jane St. – fabrication of the structure continues; start of construction works delayed until the hand-over of the area – now targeted for May 20<sup>th</sup>
  - With the delay of the hand-over of the area from TYSSE, the completion date of the canopy will not be available for service until after the opening of the subway (i.e late Q1 to early Q2 2018). As a result, York Region Transit will be required to put an interim operations plan in place to allow passengers to transfer to the subway
  - The YRT/Viva BRT Concourse – the direct pedestrian access between the VMC Subway Station and VMC-Spadina Station at Highway 7 and west of Jane Street is progressing – to-date completion at over 50%
  - Concrete wall poured – preparation of the site (rebar, forming, embedded conduits) for pour of concrete roof slab this May

### ***Utility relocations and rapidway design advance along the three BRT segments for the Yonge Street project in Newmarket and Richmond Hill***

- Yonge Street (Y2.1, Y2.2, & Y3.2) – (8.9 km) – construction works progressing with to-date completion at approximately 18% completion
  - 100% design packages now submitted by the Design-Build Constructor, RapidLINK – currently under review
    - Y2.1 – Hwy. 7 to Major Mackenzie Dr. and Y2.2 – Levensdale Rd. to 19<sup>th</sup> Ave./Gamble Rd – utility companies finalizing their designs with relocations to start in Spring 2016
    - Y3.2 – Mulock Drive to Davis Drive
      - Construction of underground infrastructure and retaining walls underway
      - Gas relocations at 85% completion from Savage Rd. to Mulock Dr.
      - Telecommunication relocations on-going from Savage Rd. to north of Eagle St.
      - Hydro relocations including caisson installation to commence in April
  - Design for the Town of Richmond Hill watermain upgrade finalized with RapidLINK – construction to commence in May
  - Rapidway segments projected to be in service by December 2018

***The second phase of the BRT Program in Vaughan is underway with utility relocation and design work progressing***

- Highway 7 West (H2-East & H2-West), from Yonge St. to Bowes Road and Edgeley Blvd. to Helen St. (approximately 12.0 km) – construction works progressing with to-date completion at approximately 8% completion
  - Designs from the Design-Build Constructor, EDCO received and under review
    - 90% Design for Bathurst watermain & 60% Design for Centre St. watermain
    - 60% Civil Design
  - Utility relocations activities at Hwy. 7 West, Bathurst St. & Centre St., and surveying of Hwy. 7 West & Hwy. 400 area to prepare for first stage of rapidway construction underway
  - Rapidway segments projected to be in service by December 2019
- The BRT program is fully funded by the Province of Ontario and represents a total transportation infrastructure investment of \$1.755 billion in the Regional Municipality of York – part of Metrolinx's 'The Big Move' first wave of projects announcement

***Facilities and Terminals Program***

***Canada Strategic Infrastructure Fund (CSIF) Program is progressing with the design of the Cornell Terminal, an 11-bay bus terminal in the City of Markham***

- Conceptual design by HDR completed; Engineering design to 100% progressing – currently at 10% completion
- Continuing coordination of design and construction of the turning circle with City of Markham staff and Cornell Community developers
- Site plan application to City of Markham by end of Q2
- Procurement for Design Bid Build construction services in Q2, with contract award in late Q3-early Q4
- Target completion date projected to be by December 2017

***SmartREIT Vaughan Metropolitan Centre (VMC) Terminal is proceeding to site plan approval***

- Hwy. 7 West & Jane St. – design and construction activities advancing for the SmartREIT VMC Terminal, a 9-bay bus terminal located at VMC Subway Station, the terminus for the TYSSE
- Preliminary Design progressing with DSAI – with latest capital cost estimates within the budgeted dollars
- Site plan application activities underway with City of Vaughan
- Full or partial opening of the terminal projected by December 2017

***Rapid transit park n' ride facilities are being coordinated with the Transportation Master Plan Commuter Parking Strategy***

- As identified in the draft Transportation Master Plan, staff continue to work with York Region on the integration of a commuter parking management strategy to create parking facilities in the rapid transit corridors to meet their future transportation, urban design and development

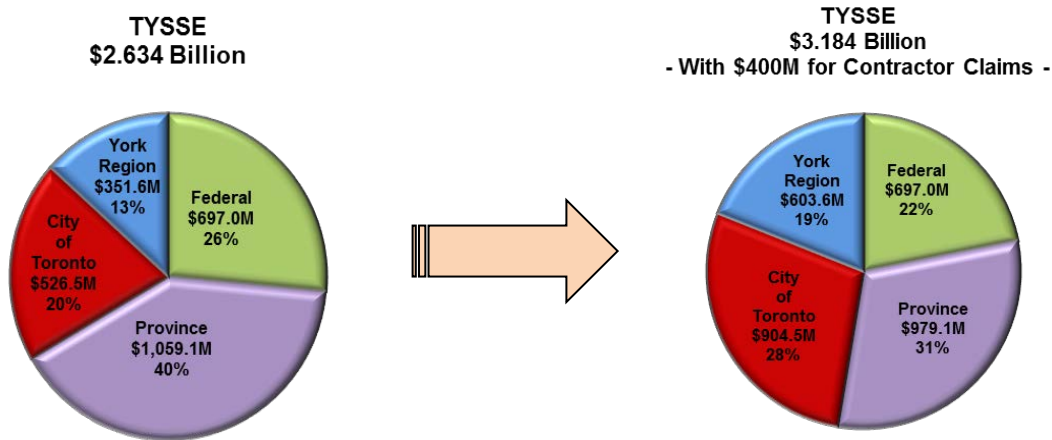
objectives. Areas of study would focus on available land, parking supply and potential parking partnership opportunities within York Region’s Rapid transit corridors

- Enterprise Dr.-Warden Ave. & 407 ETR – procurement activities for the design & engineering services of the on-surface Park n’ Ride parking facility at the “Warden Jug Handle” in progress
- Investigation related to market sounding activities in support of the identification of ultimate design direction for this property also underway
- Procurement for the design & engineering services, investigations and studies targeted for completion in Q2, with contract award in Q3

**Toronto-York Spadina Subway Extension Program**

**Construction of the TYSSE is on-going and with the project reset to an overall budget of \$3.184 billion, subway to be in service by December 2017**

- On February 11, 2016, Council received the January 22, 2016 report of the TTC Chief Executive Officer, which advised of the TTC’s projected costs to complete the project, recognizing the additional one year delay in the overall schedule – target completion date of December 31, 2017
- To address contractor claims, the overall project budget has been increased by an additional \$400M to \$3.184B – with Council approving the additional Region’s share of \$160.0M (40% of the \$400M) per the Memorandum of Understanding (MOU). With this approval, the Region’s contribution to the project is now \$603.6M:



- Based on the latest TYSSE progress works report, the target completion date of December 31, 2017 is still being maintained
  - Construction of the subway stations are progressing, with 3 in the Region – Black Creek Pioneer Village, Highway 407 and VMC
  - Procurement for ITS Systems and Fare Equipment for the 3 subway stations in the Region underway – led by YRRTC, with on-going coordination with TYSSE
  - Contribution-to-date from the Region is \$346.8 out of the funding commitment of \$603.6 million

## **Rapid Transit Future Initiatives**

### ***York Region continues to advance discussions to proceed to 15% preliminary design and engineering and advocate for capital funding of the Yonge North Subway Extension (YNSE) from Finch Station to the Richmond Hill Centre Terminal***

- In the 2016 Provincial Budget tabled in February, the Ontario government identified investment for “the planning and design work for other priority projects included in Metrolinx's Transportation Plan - The Big Move” – which identifies YNSE as a priority project
- In the 2016 Federal Budget tabled in March, the Government of Canada also committed funding to “improve and expand public transit”
- YRRTC continues to work in consultation with the Region and Metrolinx to advance the project development of the YNSE to 15% preliminary design and engineering
- In collaboration with the Region, YRRTC continues to advocate for capital funding of \$4.0 billion (in 2015 dollars) estimated for the construction of the YNSE, establish working groups and align the governance models needed to begin the 15% preliminary design and engineering

### ***YRRTC continues to work with the Region and Metrolinx on the implementation of the Provincial Regional Express Rail (RER) Program***

- Staff from YRRTC, York Region and Metrolinx continue to collaborate on many components of the Province’s RER program, including participating in technical advisory meetings and new stations analysis discussions – to ensure that the RER program is fully integrated within the Region’s transit initiatives and network connectivity and use policies

## Financial & Procurement Highlights

### ***At the end of the first quarter, Capital Expenditures are at \$84.6 million – of which the Region’s contribution is \$52.0 million (Table 1)***

- Regional Capital Program – Capital Expenditures for the TYSSE and Facilities & Terminals projects are \$36.6 million, driven by:
  - TYSSE construction of \$35.7M or 97% of the Capital Expenditures, includes the project reset dollars to meet the “in-service” completion target timeline of December 2017 – heavier monthly “burn-rate” spending in March
  - Capital Expenditures of \$0.9M for the Facilities & Terminals projects – primarily for the design for Cornell Terminal and SmartREIT-VMC Terminal
- Metrolinx Capital Program – Capital Expenditures for the BRT-Rapidways & Stations projects are \$46.7.0 million, driven by:
  - Construction activities along the Highway 7 West-Vaughan Metropolitan Centre (H2-VMC) and finishing works activities for the “now-in-service” Davis Drive (D1)
  - Detailed design and construction preparation activities, utility relocations and land-related activities works along Yonge Street

- Construction mobilization and preparation activities, utility relocations and land-related activities along the remaining Highway 7 West (H2-West & H2-East)
- Additionally, ongoing recoveries for Municipal & Third Party Works for the rapidways now in service, i.e. \$7.2M for Davis Drive (D1), helped offset the Capital Expenditures this quarter
  - Town of Newmarket for \$1.4M
  - City of Markham for \$0.1M
  - Bell and Rogers for \$0.7M
  - Others for \$1.2M

**Table 1 – YRRTC Capital Expenditures, Q1- 2016**

Capital Expenditures (\$Millions)	Regional Program (YTD) \$	Metrolinx Program (YTD) \$	Inception-To-Date \$	Funding \$
BRT Rapidways & Stations *		46.7	958.8	1,783.6
BRT Facilities & Terminals	0.9		151.4	208.8
BRT Vehicles	-		46.6	46.6
Spadina Subway Ext. <i>Construction</i>	35.7 35.7		950.1 922.6	1,160.3 1,114.0
<i>Viva Concourse</i>	-		7.0	14.0
<i>Capacity Buy-In &amp; Other</i>	0.1		20.6	32.4
Yonge North Subway Ext.	0.0		4.0	4.3
Rapidway Studies	0.0		2.1	3.2
<b>Total Capital</b>	<b>\$36.6</b>	<b>\$46.7</b>	<b>\$2,113.0</b>	<b>\$3,206.9</b>
<b>Total Regional Funded</b>	<b>\$52.0</b>		<b>\$463.5</b>	<b>\$602.4</b>

\* Financials are net of Municipal & 3rd Party Recoveries

**At the end of the first quarter, Gross Operating Expenditures and Net Operating Expenditures are \$4.8 million and (\$2.3) million respectively (Table 2) – note that Financing charges are not included**

- Net Operating Expenditures of (\$2.3) million reflect:
  - Operating Recoveries of \$3.0 million for the delivery of the Metrolinx and Regional Capital Programs – offsetting YRRTC and York Region Staff and Administration Costs, including the office leases at 3601 Highway 7 East in the City of Markham
  - Revenues of \$4.0 million from Development Charges and Federal Gas Tax Revenues – offsetting Financing Costs, which include Debt Principal and Interest Payments
  - Consulting Services for new rapid transit initiatives, e.g. YNSE and RER Program

**Table 2 – YRRTC Operating Expenditures, Q1- 2016**

<b>Operating Expenditures (\$ Millions)</b>	<b>Total Operating Expenditures \$</b>	<b>Regional Operating Expenditures \$</b>	<b>Metrolinx Operating Expenditures \$</b>
YRRTC Staff & Administration.	<b>2.7</b>	0.7	2.0
York Region Staff & Administration	<b>1.1</b>	0.0	1.1
Financing Costs	<b>1.0</b>	1.0	0.0
<b>Gross Operating</b>	<b>4.8</b>	<b>1.7</b>	<b>3.1</b>
Capital Recoveries	<b>(3.0)</b>	<b>0.0</b>	<b>(3.0)</b>
Revenues	<b>(4.1)</b>	<b>(4.1)</b>	<b>0.0</b>
<b>Net Operating - Tax Levy</b>	<b>(2.3)</b>	<b>(2.4)</b>	<b>0.1</b>

***At end of the first quarter, approximately 92% of the \$1.8 billion funding for the Metrolinx Capital Program – BRT Projects is now committed***

- \$7.5 million in contract awards and increases this quarter – driven by the utility relocations activities for Yonge Street (Y2.1, Y2.2 & Y3.2)

***At end of the first quarter, 94% of the \$1.4 billion funding for the Regional Capital Program is now committed***

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

---

Mary-Frances Turner, YRRTC President

May 12, 2016  
Attachment: (1)

Appendix A

YRRTC Capital Projects

