

To: York Region Rapid Transit Corporation Board of Directors

From: Mary-Frances Turner, President

Subject: 2014 - 2018 YRRTC Accomplishments and Highlights

Ref: YORK-#8263383

Recommendation

It is recommended that:

1. The attached report from the President, York Region Rapid Transit Corporation, be received for information.

Purpose

This report highlights some of the major accomplishments, events and successes of the York Region Rapid Transit Board of Directors during the 2014 – 2018 term.

Background

York Region Rapid Transit Corporation [YRRTC] is responsible for the planning, design and construction of the rapid transit network and related infrastructure; for the pursuit of joint development opportunities; and for the strategic oversight of Viva operations to deliver on the transit priorities set out in the York Region Transportation Master Plan. To achieve this mandate, YRRTC is staffed by a team of experts in capital planning and delivery, design, engineering, communications and project management.

Analysis

YRRTC delivered multiple rapid transit infrastructure projects to support economic growth in York Region's Centres and Corridors and reduce travel time and increase ridership on the Region's rapid transit network

- The first 6km of dedicated bus rapidways opened between 2013 and 2014 along Highway 7 East, in the Town of Richmond Hill and the City of Markham. Since the opening of the first segment, there has been a 30% decrease in travel time and a 10% increase in ridership along this route
- In 2015, the Davis Drive rapidway opened in the Town of Newmarket. The new service has recorded a 62% increase in ridership on the Viva yellow route and approximately 33% travel time savings compared to curbside service
- The Toronto-York Spadina Subway Extension (TYSSE), the first subway into York Region, began service in 2017. This key element of a growing transit hub at Vaughan Metropolitan Centre gives passengers options to connect to 2.6 km of rapidway, east of Jane Street to Bowes Road along Highway 7, and to York Region Transit [YRT] at the future SmartCentres Place Bus Terminal
- To support the expanding rapid transit network (Appendix A), YRRTC designed and built a state-of-the-art Operations, Maintenance and Storage Facility (OMSF). The 481,679 square foot, LEED® Silver certified facility was designed with the ability to build an addition for more buses as ridership continues to increase and the fleet expands
- Construction progressed on the remaining vivaNext BRT segments in Vaughan, Newmarket and Richmond Hill, and at the SmartCentres Place Bus Terminal and Cornell Bus Terminal
- All land purchases and procurement related to the projects included in the Metrolinx and Regional Capital programs will be completed by the end of 2018

YRRTC maintained a proven record of disciplined, community-focused project implementation, transparency and collaboration with its partners and various stakeholders

- Continued collaboration with local Chambers of Commerce, Boards of Trade and Municipalities, business owners, property owners and local communities along the construction corridors. Community Liaisons also meet with local associations and resident groups to provide information and ensure awareness of the project vision and plans for construction
- Advanced the development potential on Region-owned lands adjacent to the rapid transit corridors, in partnership with York Region, Metrolinx and other key stakeholders
- Worked closely with municipal partners to identify construction efficiencies and opportunities to complete third party infrastructure work along the construction corridors
- Contribute to mobility hub studies for the gateways of York Region's urban growth centres, such as Richmond Hill, Unionville and Newmarket, in order to ensure these key nodes are

planned as integrated, compact and complete centres with a diverse mix of residential, commercial, employment, and institutional uses.

Advanced funding and advocacy for investment in York Region’s priority rapid transit projects to support York Region’s growth plan targets

- Leveraged a combined investment of \$91.3 million from senior levels of government to complete the design and preliminary engineering work required for the Yonge Subway Extension (YSE), to position the project for “procurement-readiness” by the end of 2019
 - In collaboration with the Region, YRRTC continues to advocate for provincial and federal funding in the amount of \$5.1 billion (in escalated dollars) estimated for the construction of the YSE
- Acquired 39 buses (60-foot articulated vehicles) and completed the OMSF, two of the three project components within the CSIF Contribution Agreement. The last project component, Cornell Terminal, is scheduled to be completed in 2019

Showcased leadership in project management and achieved global recognition in rapid transit design and construction excellence

- Hosted numerous guests and international delegations to share knowledge and showcase achievements related to the design, construction, innovation and delivery of the vivaNext rapid transit system
- Received a variety of international awards and accolades (Appendix C) including:
 - Award of Merit – 2017, Vaughan Urban Design Awards
 - Top 10 Public Works Leader Award, Paul May, P. Eng. Chief Engineer – 2017, American Public Works Association (APWA)
 - Top 100 Urban Planning Blogs – 2017, Feedspot
 - LEED Silver certification - transit facility / Richmond Hill – 2016, Canada Green Building Council
 - National Corp. Leadership Award, Communications – 2016, Canadian Urban Transit Association [CUTA]
 - Engineering Project of the Year Finalist – 2015, Professional Engineers of Ontario, York Chapter
 - Top 100 Biggest Infrastructure Projects – No. 36 in Canada – 2016, ReNew Canada magazine
 - Top 10 Roads list – No. 2 in North America – 2015, Roads & Bridges Magazine
 - National Transit Corp. Recognition Award, Communications – 2015, Canadian Urban Transit Association [CUTA]

Financial & Procurement Highlights

During this term of the Board of Directors, investment of \$1.65B was made through capital expenditures

- Table 1 includes the total gross investment for the following projects:
 - BRT corridors along Highway 7 East, Davis Drive and Highway 7 West (VMC) – approx. 36% or 12.3KM of the funded BRT Program
 - TYSSE subway
 - OMSF in Richmond Hill

Table 1

	2015	2016	2017	2018	Total
Gross Investment	\$470.7M	\$353.7M	\$427.0M	\$396.1M	\$1,648M

For more information on this report, please contact Mary-Frances Turner, President, York Region Rapid Transit Corporation, at 905-886-6767, Ext. 71010.

Mary-Frances Turner
President

April 12, 2018

Attachment (1)

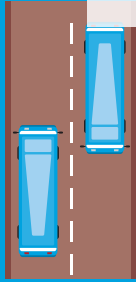
Appendix A

YRRTC Capital Projects





opened **12.3 km**
dedicated bus lanes for
York Region's growing
Centres + Corridors



approx.
25 km
new, wider sidewalks



opened Line 1 subway extension
to Vaughan, including
3 subway stations & connections
to bus rapid transit



18 new Viva rapid
transit stations

approx.

2,130
new trees planted



6 new water main
segments

8 new gas main
segments

4 new/widened
bridges

9 rebuilt
culverts

196

buses stored and
maintained in a
state-of-the-art facility



\$288 million

in rehabilitation and replacement of York Region's
assets as part of rapidway projects, including
boulevard work, streetscape and utilities



secured **\$91.3 million** in investment toward
Yonge Subway Extension, York Region's top transit priority



Awards received during past four years:

- **Award of Merit** – 2017, Vaughan Urban Design Awards
- **Top 10 Public Works Leader Award**, Paul May, P. Eng. Chief Engineer – 2017, American Public Works Association (APWA)
- **Top 100 Urban Planning Blogs** – 2017, Feedspot
- **LEED Silver certification** - transit facility / Richmond Hill – 2016, Canada Green Building Council
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