

To: York Region Rapid Transit Corporation Board of Directors
From: Mary-Frances Turner, President
Subject: Project Status Report: Q3/Q4-2017
Ref: YORK-#8030117

Recommendation

It is recommended that:

1. The Board receive the attached Project Status Report: Q3/Q4-2017 for information.

Purpose

The purpose of this report is to provide the Board with an overview of the Corporation's project milestones, construction activities and financial updates for the period of July 1, 2017 to December 31, 2017.

Project Highlights

BUS RAPIDWAYS & STATIONS (BRT) PROGRAM

The Highway 7 rapidway in Vaughan Metropolitan Centre opened for service on December 15, 2017 and marked the completion of the first bus rapidway segment on Highway 7 West

- The Highway 7 West rapidway (H2-VMC) achieved Substantial Completion on December 15, 2017 and was in operation in advance of the opening of the VMC Subway Station and Line 1 subway extension
- The H2-VMC rapidway extends from Bowes Road to Edgeley Boulevard in the Vaughan Metropolitan Centre (VMC) area and includes three vivastations, including a unique VMC BRT Station on Highway 7, between Edgeley Blvd. and Millway Ave.

- The VMC BRT Station includes larger platforms and a canopy that covers the entire rapidway. The station is part of a key transit hub where passengers are able to connect with other Viva bus routes, the TTC subway, and the future York Region Transit [YRT] at SmartCentres Place Bus Terminal
- Minor work on the VMC BRT Station on Highway 7 continues into 2018

Construction progressed on the remaining vivaNext BRT segments in Vaughan, Newmarket and Richmond Hill

Vaughan

- The second phase of rapidway construction in Vaughan continued along Highway 7 West from Yonge Street to Bowes Road and from Edgeley Boulevard to Helen Street
- Station platform construction, including canopy installation throughout the corridor began in late 2017 and will continue throughout 2018
- Construction of the Centre Street water main was completed in Q2-2017
- Utility relocations are progressing along the corridors, with all gas relocation work completed, telecom relocations are progressing throughout the corridor and hydro relocations continuing along Centre Street and Highway 7

Newmarket and Richmond Hill

- Utility relocations continued along the Yonge Street corridor (Y2.1, Y2.2, & Y3.2)
 - Y3.2 (Savage Road/Sawmill Valley Drive to Davis Drive) – gas and telecom relocations are completed with telecom cable installation and service connections underway
 - Y2.1 & Y2.2 (Richmond Hill Centre to Major Mackenzie Drive / Levendale Avenue to 19th Avenue/Gamble Road) – gas relocation work progressing and hydro pole installation nearing completion
- Construction of the water main in the Town of Richmond Hill progressing at 50% completion
- Construction activities progressing in the Y3.2, with storm sewer installation and road widening completed and boulevard work underway

Project Closeout progressed on the completed rapidway segments, with Certificates of Total Performance and Final Acceptance received in Q4-2017

- Highway 7 East (H3) rapidway – Bayview Avenue to South Town Centre (6.0 km) went into service in August 2014
 - Certificate of Final Acceptance was received from the contractor in Q4-2017
- Davis Drive (D1) rapidway – from Yonge Street to Highway 404 went into service in December 2016
 - Minor telecom utility works were completed in 2017 and hydro work nearing completion
 - Certificate of Total Performance was received from the contractor in Q4-2017

TORONTO-YORK SPADINA SUBWAY EXTENSION (TYSSE) PROGRAM

TTC Line 1 Extension to Vaughan Metropolitan Centre opened for service on December 17, 2017

- TTC Line 1 extension from Sheppard West Station to Highway 7 in Vaughan includes six new stations, three of which are in York Region – Pioneer Village Station, Highway 407 Station and VMC Station
- Construction of the Region's subway stations were completed in Q4-2017 and went into service on December 17, 2017
- Installation of Fare Equipment & Intelligent Transportation Systems are underway at the three subway stations in York Region, with completion expected in Q2-2018
- Final completion of any ongoing work will ease bus operations to and from each station
- The Viva BRT Concourse was completed in advance of the opening and provides connections to passengers to and from the subway and Highway 7 VMC BRT Station.
- The concourse achieved substantial completion on December 15, 2017 and minor deficiency work continues into 2018

INFRASTRUCTURE & DEVELOPMENT PROGRAM

Total Completion and Final Acceptance achieved for Operations, Maintenance and Storage Facility (OMSF)

- The OMSF is one of four facilities for YRT/Viva operations, and includes a bus repair garage, storage for 196 buses, administration offices and training facilities. It was completed and opened for service in June 2015 and was designed with future growth in mind, with the ability to build an addition for more buses as ridership continues to increase
- With completion of the warranty, Total Completion and Final Acceptance by PCL Constructors was achieved in Q4-2017

SmartCentres Place VMC Bus Terminal will open in 2018 and provide connections for riders to a variety of transit services

- This nine-bay bus terminal, located at the northwest corner of Apple Mill Road and Millway Avenue and VMC, will allow YRT customers to connect with Viva, Zum and the TTC Line 1 and will include a convenient Passenger Pick-up/Drop Off area, plus fully accessible, enclosed heated waiting areas and washrooms
- Construction of the facility progressing with completion expected in Q2-2018
 - Steel erection work and glulam wood beam installation completed
 - Roof panel installation for the pavilion area is underway

Procurement is ongoing for the Cornell Bus Terminal in the City of Markham

- Procurement for the construction of this 11-bay bus terminal in the City of Markham was closed in Q3-2017 due to being over budget
- A Construction re-tender, including amendments to the design, will be released in Q1-2018 and contract award is expected in Q2-2018
- Project completion is expected in Q3-2019

YRRTC continues to work with York Region and the local municipalities to Master Plan the lands acquired for the construction of the rapid transit and subway projects

- Procurement for design & engineering consulting services for the lands located at Warden Avenue and Enterprise Drive was awarded to The Municipal Infrastructure Group
 - Engineering services, including geotechnical investigations, surveys, and flood plain analysis, are underway
- Land transfers and final payment to York Region for the lands purchased as part of the TYYSE adjacent to the subway facilities progressed and will be finalized in 2018

FUTURE RAPID TRANSIT INITIATIVES

In collaboration with Metrolinx, TTC and City of Toronto, YRRTC advanced the planning and design work program for the 7.4 kilometer Yonge Subway Extension

- Discussions and negotiations regarding a multi-party Memorandum of Understanding (MOU) continued in 2017 and is expected to be executed at the YSE Executive Committee meeting in Q1-2018
- Meetings regarding the MoU resulted in consensus on the Governance and Compliance Principles, including:
 - A spirit of collaboration and partnership;
 - Interests, roles and responsibilities will be recognized in governance arrangements, including fiduciary obligations;
 - Project activities will ensure timeliness and value for money to position the YSE for capital delivery at the next phase;
 - The Executive Committee will appoint the Project Director; and
 - TTC will ensure the effective engagement of project representatives
- TTC and YRRTC collaborated on the development of RFP packages to be issued by the TTC in Q2-2018 to procure key technical services for the preliminary engineering and design activities
- The YSE Project Modification Request is under review by Infrastructure Canada and the Transfer Payment Agreement was submitted and awaiting finalization

Funding advocacy efforts for the next phase of rapid transit projects in York Region was aligned with Federal and provincial infrastructure initiatives

- In Q3-2017, Minister Sohi announced the next phase of the Investing in Canada Plan, including a funding model for transit infrastructure and a commitment to execute Federal-Provincial Bilateral Agreements in 2018
 - Bilateral agreement discussions and negotiations continued in Q3/Q4-2017 and are expected to be finalized in Q1-2018

In Q3-2017, Metrolinx released the Draft 2041 Transportation Plan for review and public consultation/feedback

- YRRTC and York Region worked in collaboration to provide input to Metrolinx and participate in stakeholder engagement initiatives
- York Region's top rapid transit priorities were included in the Metrolinx Plan, which is scheduled to be adopted in early 2018

Financial & Procurement Highlights

At the end of Q4, Capital Expenditures are at \$403.4 million – of which the Region's contribution is \$153.9 million (Table 1)

Table 1 – YRRTC Capital Expenditures, Q4-2017

Capital Expenditures (\$Millions)	Regional Program (YTD) \$	Metrolinx Program (YTD) \$	Inception To-Date \$	Funding \$
BRT Rapidways & Stations *		230.3	1,337.4	1,784.2
BRT Facilities & Terminals	16.6		171.2	210.0
BRT Rapid Transit Vehicles	-		46.7	46.7
Toronto-York Spadina Subway Extension	155.1		1,203.1	1,329.2
Construction	138.7		1,151.4	1,274.9
Viva Concourse	6.2		13.2	14.0
Capacity Buy-In & Other	10.1		38.5	40.3
Yonge Subway Extension	01.3		5.4	40.7
Conceptual Design	-		4.1	4.3
Planning & PE	1.3		1.3	36.3
Rapidway Transit Initiatives	0.1		2.4	3.2
Total Capital Programs	\$173.1	\$230.3	\$2,766.2	\$3,414.0
Total York Regional Funded	\$153.9		\$630.3	\$777.9

* Financials are net of Municipal & 3rd Party Recoveries

At the end of 2017, Gross Operating Expenditures and Net Operating Expenditures are \$40.5 million and \$4.6 million respectively (Table 2)

- The Net Operating Expenditures of \$4.6 million is on budget and reflects:
 - \$15.6 million of Operating Recoveries for YRRTC and York Region staff and administrative costs from the Metrolinx Capital Program and Regional Capital Program
 - \$20.3 million of Revenues from Development charges and Federal Gas Tax, offsetting the Debt Principal and Interest Payment which are primarily for the Toronto-York Spadina Subway Extension (TYSSE)

Table 2 – YRRTC Operating Expenditures, Q4-2017

Operating Expenditures (\$ Millions)	Dec-YTD Operating Expenditures	Regional Operating Expenditures	Metrolinx Operating Expenditures
YRRTC Staff & Administration.	12.8	4.9	7.9
York Region Staff & Administration	5.4	0.4	4.9
Net Financing Costs	22.3	22.3	0.0
Gross Operating	40.5	27.7	12.8
Recoveries from Capital Projects	(15.6)	(2.8)	(12.8)
Revenues from Development Charges & Federal Gas Tax	(20.3)	(20.3)	0.0
Net Operating - Tax Levy	4.6	4.6	0.0

At the end of 2017, approximately 96% of the \$1.63 billion funding for the Regional Capital Program has been committed and 88% has been spent

- Procurement activities of significance (i.e. > \$200K) was for the design & engineering services of an on-surface Park 'n' Ride facility located at Warden Avenue and Enterprise Drive – awarded to The Municipal Infrastructure Group LTD

At the end of 2017, approximately 96% of the \$1.784 billion funding for the Metrolinx Capital Program has been committed and 75% has been spent

- Procurement activities of significance (i.e. > \$500K) were for the utility relocations for the Yonge Street and the remaining of Highway 7 West BRT segment

YRRTC participated in two Quality Compliance Audits – Metrolinx Master Agreement and Key Protocols in Q3 & Q4-2017

- On September 12, 2017, The Quality Compliance Audit for the Metrolinx Master Agreement, Administrative and Financial Protocol was completed. The scope of the audit focused on:
 - YRRTC's compliance with the procedures and processes, as outlined in the protocol
 - YRRTC's compliance with record keeping, audit, reporting, budget/financial management and invoicing/reimbursements requirements, and roles & responsibilities of YRRTC versus Metrolinx, as outlined in the protocol
 - YRRTC's compliance with the financial signing authorities, as outlined in the protocol
- No corrective actions or opportunities for improvement were identified as part of the audit results
- On November 15, 2017, The Quality Compliance Audit for the Metrolinx Master Agreement, Real Estate Protocol was completed. The scope of the audit focused on:

- YRRTC's compliance with the procedures and processes, as outlined in the protocol
- YRRTC's compliance with record keeping, audit, reporting, budget/financial management and invoicing/reimbursements requirements, and roles & responsibilities of YRRTC versus Metrolinx, as outlined in the protocol
- YRRTC's compliance with the financial signing authorities, as outlined in the protocol
- No corrective actions or opportunities for improvement were identified as part of the audit results

For more information on this report, please contact Paul May, Vice-President Project Implementation or Michael Cheong, Chief Financial Officer, York Region Rapid Transit Corporation at 905-886-6767.

Mary-Frances Turner, YRRTC President

March 22, 2018
Attachment: (1)

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MANDATE

York Region Rapid Transit Corporation [YRRTC] is responsible for the planning, design and construction of the rapid transit network and related infrastructure.

The expertise of YRRTC lays in project management – design and engineering, procurement and financial management and community relations. A proven record of disciplined, community-focused project implementation, transparency and collaboration helps get the job done. Project management is backed by knowledge, leadership and innovation in planning great cities centred on new urbanism.

Governance

Board of Directors

YRRTC is a wholly-owned subsidiary and share capital corporation of The Regional Municipality of York. Its Board of Directors is comprised of elected officials from York Region. There is no private sector or other public sector representation on the YRRTC Board of Directors at this time.



Chairman of the Board
Frank Scarpitti
Mayor
Markham



Vice-Chairman of the Board
Maurizio Bevilacqua
Mayor
Vaughan



Director & CEO
Wayne Emmerson
Chairman and CEO
The Regional Municipality of York



Director
Dave Barrow
Mayor
Richmond Hill



Director
Tony Van Bynen
Mayor
Newmarket



Director
Jim Jones
Regional Councillor
Markham



Director
Vito Spatafora
Regional Councillor
Richmond Hill

Executive Management Team and Reporting

From the Executive Management Team, the President reports to the Chairman of the YRRTC Board and the Chairman and CEO of York Region. Board meetings are held in the York Region Administrative Centre located in the Town of Newmarket. Public reports are posted online at www.york.ca.



President
Mary-Frances Turner



Vice-President, Project Implementation
Paul May



Chief Financial Officer and Treasurer
Michael Cheong



Design Chief, Infrastructure and Development
Raj Mohabeer



Chief Communications Officer
Dale Albers



Chief Legal Officer & Corporate Secretary
Antoinette Bozac

2.0 BUS RAPID TRANSIT (BRT) PROGRAM

HIGHWAY 7 EAST - RICHMOND HILL CENTRE TO WARDEN AVENUE (H3)

Project Description

- The Highway 7 East (H3) rapidway extends 6.0 km from Richmond Hill Centre to Warden Avenue in the Town of Richmond Hill and the City of Markham, with 10 centre-lane vivastations and one curbside station
- The first segment from Bayview Avenue to Highway 404 has been in service since August 2013
- The second segment from Highway 404 to South Town Centre Boulevard (STC) has been in service since August 2014
- The final segment from STC to Warden Avenue was completed in December 2014 and service started in January 2015
- Since the opening of the first segment of the rapidway in August 2013, there has been a 30% decrease in travel time and a 10% increase in ridership



Progress Status Update

Utility Relocations

- All utility works are completed

Design-Build Construction

- In September 2016, all deficiency work was completed
- Final warranty walk downs completed in June 2017. Minor final-warranty works being completed
- Final Acceptance scheduled for early 2018

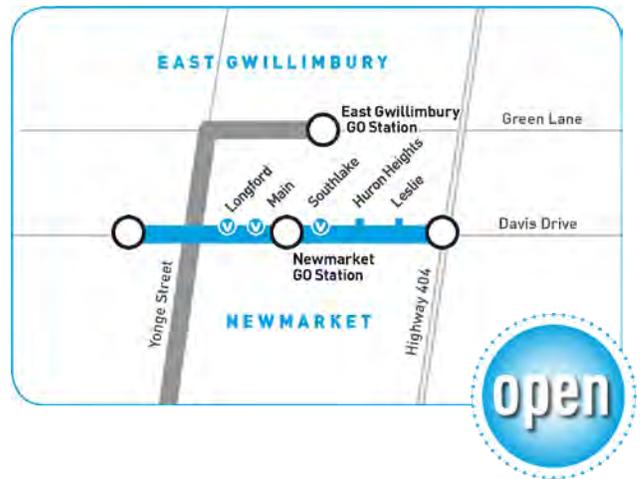


2.0 BUS RAPID TRANSIT (BRT) PROGRAM

DAVIS DRIVE – YONGE ST. TO HIGHWAY 404 (D1)

Project Description

- The Davis Drive (D1) rapidway in the Town of Newmarket extends for 2.6 km from Yonge Street to Roxborough Road – just east of Southlake Regional Health Centre
- The rapidway includes 3 centre-lane vivastations and two curbside stations rapidway – completed in November 2015, and has been in service since December 2015
- Viva service continues east in mixed-use traffic, terminating at Highway 404
- The new service has recorded a 62% increase in ridership on the Viva yellow route since 2015 and approximately 33% travel time savings compare to curbside service



Progress Status Update

Property

- Union Hotel - preparations for sale of building underway
- Risk Assessment Program completed in Q4-2017

Utility Relocations

Overall utility relocations (gas, hydro and telecommunications) have been completed

- Rogers aerial to underground cabling work continues and is expected to be completed in Q1-2018
- Upon completion of Rogers work, Newmarket-Tay Power will remove a few remaining poles

Design-Build Construction

- Final hand-over achieved in Q3-2016
- Total Performance was achieved in late December, with all deficiency works completed
- Warranty period and warranty work is on-going

Keeping the Public Informed

- Community Liaisons are available to work with the local businesses and residents to address any concerns and/or to keep the community informed of any remaining warranty work

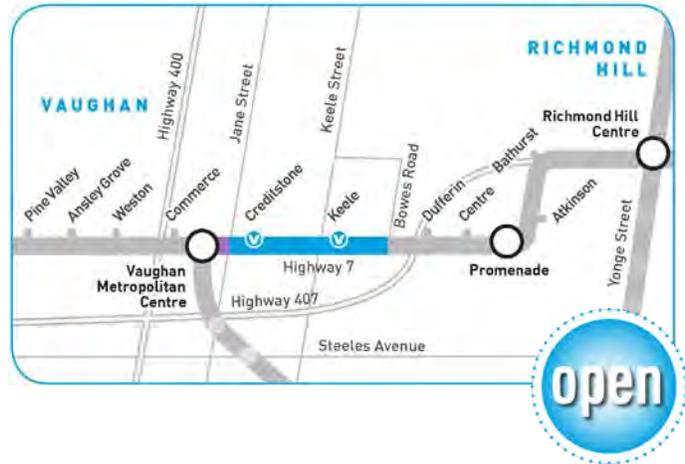


2.0 BUS RAPID TRANSIT (BRT) PROGRAM

HIGHWAY 7 WEST, VAUGHAN METROPOLITAN CENTRE – BOWES ROAD TO EDGELEY BOULEVARD (H2-VMC)

Project Description

- The H2-VMC rapidway refers to Highway 7-West, from Bowes Road to Edgeley Boulevard – it includes the construction of 3 centre-lane vivastations along the 3.6 km of rapidway



Progress Status Update

Design-Build Construction

- Substantial Completion was achieved on December 15, 2017
- The project was fully handed over to York Region on December 15, 2017 in advance of the opening of the VMC Subway Station
- Viva revenue service commenced December 17, 2017, with a public opening event
- Minor works and addressing deficiencies of the VMC BRT Station continues into 2018



Property

- All required properties are in possession and remediation work for acquired lands are completed

Utility Relocations

- West of Jane Street, Rogers telecommunications relocation completed

Keeping the Public Informed

- Community Liaison team continues to work with local businesses and residents, and participates in community engagement events to key stakeholders and community groups
- On December 17 and 18, the Communications On-street customer service representatives were available during the first week of service. Social media channels were also leveraged to communicate service launch, messaging originated from TYSSSE, YRT, York Region and vivaNextall celebrating the opening of both the subway and Viva BRT rapidway.
- Email subscription list currently has approximately 1,800 contacts

2.0 BUS RAPID TRANSIT (BRT) PROGRAM

YONGE STREET – HIGHWAY 7 TO MAJOR MACKENZIE DR. (Y2.1); LEVENDALE AVE. TO 19TH AVE. (Y2.2); MULOCK DR. TO DAVIS DR. (Y3.2)

Project Description

- The Yonge Street (Y2.1) rapidway in the Town of Richmond Hill extends approximately 3.6 km from Richmond Hill Centre (Highway 7) to Major Mackenzie Drive and includes 4 centre-lane vivastations
- Yonge Street (Y2.2) rapidway in the Town of Richmond Hill, extends from Levendale Avenue to 19th Avenue/Gamble Road and includes 2.9 km of rapidway and 3 centre-lane vivastations
- Yonge Street (Y3.2) rapidway in the Town of Newmarket extends approximately 2.4 km from Savage Road/Sawmill Valley Drive to Davis Drive and include 3 centre-lane vivastations
- Project schedule and completion dates are currently under review



Progress Status Update

Property

- Phase II field investigations completed – final reports completed in Q2-2017
 - Property infrastructure relocations (i.e. signs, lights and transformers) are currently underway
- Risk Evaluation for the corridor is currently underway

Utility Relocations

Y2.1 and Y2.2 segment (Richmond Hill)

- Potholing investigations to advance utility design complete
- Enbridge detailed design is 100% complete and relocation work is 66% complete in both segments
- Alectra, Bell and Rogers have all commenced relocation work in both segments
- Alectra hydro pole installations are 99% complete



Y3.2 segment (Newmarket)

- Enbridge relocation is 100% complete
- Telecommunication relocation work is complete and cable installation and service connections are underway
- Newmarket-Tay Hydro has completed pole installation, framing and stringing with the exception of the removals of a few poles



Design-Build Construction

- Overall construction is 33% complete
- Retaining wall construction at Gamble Avenue is complete.
- All signs and transformers have been relocated in Y2.1 and Y2.2 in advance of the utility relocation work
- Temporary signal installation and median removals throughout Y2.1 and Y2.2 are approximately 50% complete
- Water main construction in the Town of Richmond Hill is approximately 50% complete
- Y3.2 Road construction commenced along the west side in May 2017; the storm sewer and road widening work was completed and boulevard works are underway

Keeping the Public Informed

- The Yonge Street data base has over 4,162 subscribers for the Richmond Hill and Newmarket community
- The Community Liaison team continues to work with local businesses and residents and participates in various community engagement events to key stakeholders and community groups:
 - L’Arche Daybreak, Richmond Hill - project overview presentations – Sep 7
 - 360 Kids, RH – project overview presentation, obtain contacts to relay impacts – Sep 14
 - Mon Sheong Residence, RH - project overview and upcoming work along with Q&A session – Nov 2
 - Richmond Hill Board of Trade - Project and Business Support overview with new CEO and staff – Nov 17
 - Project information booths were set up at the following events and locations:

Town of Newmarket:

- Rexall Plaza – Jul 6
- Newmarket Farmers’ Market – Jul 29, Aug 19 & 26, and Sep 9
- Councillor BBQ – Aug 16
- Newmarket Chamber of Commerce – ‘Business Thrives’ Conference and Expo – Nov 21

Town of Richmond Hill:

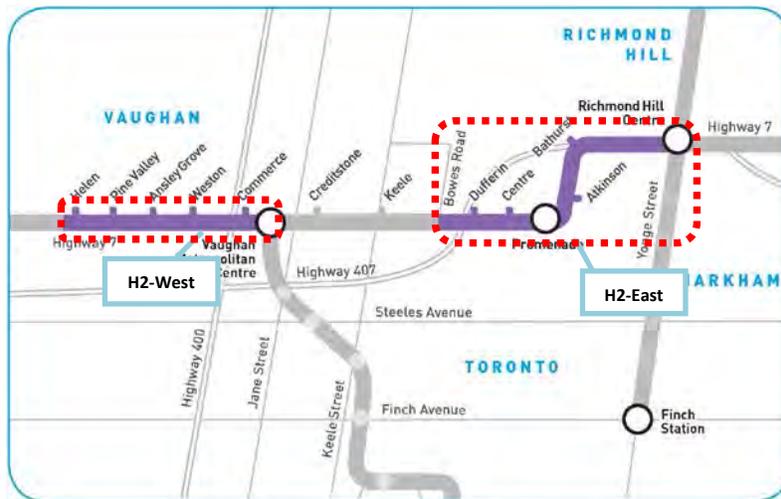
- Councillor BBQ – Mount Pleasant Park, Jul 9
- Concerts in the Park – Mill Pond, RH - Jul 27, Aug 24
- RH Board of Trade – Mayor’s Luncheon – Aug 15
- RH Board of Trade BBQ – RH Centre for the Performing Arts - Aug 23
- Town of Richmond Hill’s Moon Festival – RH Centre for Performing Arts - Oct 4

2.0 BUS RAPID TRANSIT (BRT) PROGRAM

HIGHWAY 7 WEST (H2-WE), BATHURST AND CENTRE STREETS FROM YONGE STREET TO BOWES ROAD (H2-EAST) AND EDGELEY BOULEVARD TO HELEN STREET (H2-WEST)

Project Description

- The H2-WE rapidway refers to approximately 12.4 km of rapidway along Highway 7 West, Bathurst and Centre Streets and includes the construction of 10 centre-lane vivastations
- The Rapidway is expected to be in service by end of 2019



Progress Status Update

Property

- All required lands are in possession
- Private property infrastructure relocations are on-going (i.e. signs, light standards and transformers)
- Environmental Risk Evaluation for the corridor is underway

Utility Relocations

- Discipline Integration Team, utility workshops and utility schedule meetings continue with all utility companies to mitigate, advance and coordinate the utility work in both segments of the corridors
- Detail designs continue for all utilities
- Enbridge gas relocation work on Centre Street and Highway 7 is completed
- Alectra relocation on Centre Street and on Highway 7 is ongoing
- Bell and Rogers relocation on Bathurst Street is complete and continues along Highway 7 and Centre Street

Design-Build-Finance (DBF) Construction

- Overall project is at 33% completion
- Construction for the Centre Street water main is completed and handed-over to City of Vaughan
- Temporary traffic signal installations has been completed for majority of the intersections with the remaining to be done in 2018, as needed

- 100% and IFC Design Submissions for the various design components are ongoing
- Meetings with MTO and stakeholders to resolve issues are ongoing
- Works on Highway 7 bridge substructures, including piers and abutments, over Highway 400 are completed including the placement of the steel girders
- Storm sewer installation along Highway 7, Centre Street, and Bathurst Street followed by road widening.
- Highway 7 has been widened to the north and south between Commerce Street and Edgeley Boulevard, and widened to the north between Weston Road and Ansley Grove Road
- Base paving and pavement rehabilitation on Highway 7 between Bathurst Street and Yonge Street have been completed including road widening
- Works on Hwy 7-Bathurst platforms continue with the platform concrete and barrier wall completed followed by installation of the canopy
- Excavation of station platforms at Atkinson Avenue on Bathurst Street and Commerce Street on Highway 7 have commenced
- Installation of permanent street light pole bases continue along Highway 7 between Bathurst Street and Yonge Street
- The Project is scheduled to be in service by the end of 2019, with remaining work to be completed by the end of 2020



Keeping the Public Informed

- The subscription list for these corridors is currently 2,741 contacts with outreach and initiatives continuing to increase the subscriptions
- Community outreach program has been advanced with local businesses and residents to inform the community of upcoming rapidway activities and construction impacts and this includes the following participation in various community engagement events to the key stakeholders:
 - 120 Promenade condominium, Thornhill - Project presentation to residents and condo board – Aug 24
- Project information booths were set up at the following events and locations:
 - City of Vaughan Concerts in the park – Jul 12 and Aug 2
 - Woodbridge Famers’ Market – Jul 22
 - vivaNext pop-up Information Booths – Garnet Williams Community Centre and YRT/Viva Promenade Terminal – Aug 2 and Aug 15
 - TTC Open House – Public open house – Oct 28
 - Vaughan Chamber of Commerce – Women to Women Symposium – Nov 15

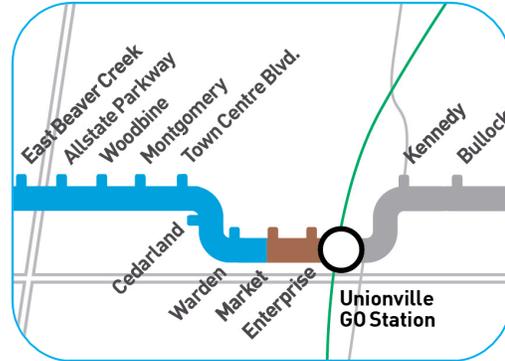


2.0 BUS RAPID TRANSIT (BRT) PROGRAM

ENTERPRISE DRIVE – BIRCHMOUNT ROAD TO JUST EAST OF KENNEDY RD. (H3.4)

Project Description

- The H3.4 rapidway will connect to the existing Enterprise Drive rapidway at Birchmount Road, and will continue through Markham Centre, east to Kennedy Road
- The project includes approximately 1.2 km of rapidway and 1 centre-lane vivastation



Progress Status Update

Progress Update

- Design of this segment will be integrated with a number of transportation, development, and mobility hub studies that are required for Markham Centre
- These initiatives are being coordinated between the City of Markham, Metrolinx and YRRTC
- The identification and evaluation of Alternative Alignments to the EA approved H3.4 alignment in Markham Centre, is included in the Mobility Hub study currently being conducted by Metrolinx.



2.0 BUS RAPID TRANSIT (BRT) PROGRAM

HEALTH & SAFETY BRT AUDITS

As per the Metrolinx Master Agreement and respective Project Charters, YRRTC is required to conduct Health and Safety Audits (HSA) annually to determine the extent to which the Design Build Contractors (DB) and the Owner’s Engineer (OE) were complying with their respective contractual obligations for managing health and safety on the vivaNext Projects. As in the past and to maintain business continuity, REA was engaged by YRRTC to conduct the FY-16 HSAs. Depending upon the start and progress of the Projects, it was a follow-up for KED and RapidLINK; and it was a first for EDCO.

For each of the HSA for the DB Contractors, the OE was also assessed. The HSA audit examined health and safety programs, plans, practices, management, records and control activities of DB and OE. HSA conclusion was that the DBs have established and implemented a reasonably sound system for managing its health and safety obligations on the projects in the form of its project specific health and safety plans. The OE has established and implemented a sound approach to systematically perform its project safety oversight role.

Compliant and Mostly Compliant

	2012	2013	2014	2016
DB				
H2-VMC	6%	56%	81%	74%
Yonge Street	N/A	N/A	63%	94%
H2-WE	N/A	N/A	N/A	97%
OE (WSP-MMM)				
H2-VMC	N/A	N/A	60%	84%
Yonge Street	N/A	N/A	62%	94%
H2-WE	N/A	N/A	N/A	100%

3.0 INFRASTRUCTURE & DEVELOPMENT PROGRAM

OPERATIONS, MAINTENANCE AND STORAGE FACILITY (OMSF)

Project Description

- The Operations, Maintenance and Storage Facility (OMSF) is a 24-acre site, with a 481,679 square foot LEED Silver Certified Design facility located at Headford Business Park in the Town of Richmond Hill (at Leslie Street and 16th Avenue)
- It includes energy-efficient and environmentally-friendly features such as energy efficient lighting and heating systems, a “cool roof” to save on cooling costs and a rainwater recycling system
- The facility was constructed to accommodate 196 buses on opening day and up to 250 articulated buses over time
- It is currently the home base for Viva vehicles, and stores and maintains YRT/Viva Transit vehicles consisting of 40 40-foot conventional buses and 83 60-foot articulated vehicles
- Lands and land-related matters for the project are funded 100% under the QuickWins Agreement with the Province
- Design and construction for the project are funded under the Federal-CSIF Contribution Agreement and York Region (50-50 cost share)
- The facility is comprised of four main areas:
 1. Administrative Building
 2. Storage Garage
 3. Repair Garage
 4. Bus Wash



Progress Status Update

- The Operations, Maintenance and Storage Facility (OMSF) is 100% complete and in service since June 2015



CORNELL TERMINAL

Project Description

- The Cornell Terminal is a planned 11-bay bus terminal located in the City of Markham, at Highway 7 East and Ninth Line – near Markham-Stouffville Hospital (MSH)
- It will connect Viva service with the East Markham local YRT transit routes and future connections with the Durham Transit and GO bus services
- Lands and land-related matters for the project are funded 100% under the QuickWins Agreement with the Province
- Design and construction for the project are funded under the Federal-CSIF Contribution Agreement and York Region (50-50 cost share)



Progress Status Update

Design-Bid-Build Construction

- Project was tendered in fall 2017, and was closed due to being over budget
- The design was revised to replace the full roof structure with a smaller, more affordable, roof structure over the median island and pedestrian walkways, plus a colonnade along the east and west facades
- The revised Issued-for-Tender design was completed in late December and will go to tender in February 2018
- Coordination and consultation with City of Markham is on-going – Site Plan Endorsement was received on the original design; Re-submission will occur in February 2018
- Continuing coordination of design and construction of the future roads network adjacent to the with cost sharing agreement targeted for execution in Q2-2018
- Project expected to be completed by the end of 2019



LAND DEVELOPMENT

Project Description

- Regional lands were acquired for the construction of the rapid transit project, in conjunction with the TYSSE. YRRTC continues to work with York Region and the local municipalities to Master Plan the lands for long term development
- Rapid Transit Park 'n' Ride facilities are being built in support of the Bus Rapidways Transit System in York Region. The Facilities have been developed based on an integrated Park 'n' Ride strategy for YRT/Viva Region-wide - incorporating the Transportation Master Plan updated directions and tying in the Viva projects that have been completed or under construction

Warden & Enterprise Lands

- Procurement activities for Engineering services for the Warden Avenue are complete, The Municipal Infrastructure Group was the successful consultant
- Engineering services (including geotechnical investigations, surveys, and flood plain analysis) are underway

Steeles West & Jane/Steeles Lands

- Land transfers and final payment to York Region for the lands purchased as part of the TYYSE adjacent to the subway facilities progressed and will be finalized in 2018

Davis Drive Park n' Ride

- The carpool lot located at Davis Drive and Highway 404 was expanded to a Park n' Ride facility for York Region Transit (YRT/Viva) and GO Transit and went into service in late November 2015
- The facility consists of:
 - 200 parking spots, Two platforms for GO buses, Two platforms for YRT/Viva buses plus a bus layover area and one-two bus shelters for GO and YRT/Viva
- The design and construction for this facility was 100% funded and delivered by GO Transit



3.1 TORONTO-YORK SPADINA SUBWAY EXTENSION (TYSSE) PROGRAM

SPADINA SUBWAY EXTENSION

Project Description

- This project is an 8.6 km extension of Line 1 from Sheppard West Station to the Vaughan Metropolitan Centre (VMC) area at Highway 7 and West of Jane Street
 - 6.2 km from Downsview Subway Station to Pioneer Village Subway Station – in the City of Toronto – 60% of the subway extension
 - 2.4 km from Pioneer Village Subway Station to Vaughan Metropolitan Centre Subway Station – in York Region – 40% of the subway extension



Progress Status Update

- TTC Line 1 Extension to Vaughan Metropolitan Centre opened for service on December 17, 2017
 - TTC Line 1 extension from Sheppard West Station to Highway 7 in Vaughan includes six new stations, three of which are in York Region – Pioneer Village Station, Highway 407 Station and VMC Station
- Construction of the Region’s subway stations were completed in Q4-2017

TTC Project Progress Status

- Track Energized May 28, 2017
- In-Service, December 17, 2017
- Project 99.2% complete as of end of December 2017



Subway Stations in York Region: Pioneer Village, Highway 407 and Vaughan Metropolitan Centre (VMC)

Pioneer Village Subway Station

- Subway Station is located on Steeles Avenue, with the north half of the station located in the City of Vaughan
- Station includes a fully accessible subway entrance, a five-bay YRT bus terminal with customer amenities, a TTC bus terminal, a Passenger Pick-Up and Drop-Off (PPUDO) facility, and a commuter parking facility accommodating approximately 1,900 cars

TTC Progress Status Update

- The TTC subway station went into revenue service on December 17, 2017
- YRT began service out the of the YRT bus terminal on December 17, 2017
- The bus bays, drive aisle, passenger platform waiting areas, heated waiting area and public washrooms were put into operation, the rest of the terminal is still under construction by TYSSE
- Construction on the YRT bus terminal will continue until Q2-2018

Highway 407 Subway Station

- Subway Station includes an 18-bay bus terminal for GO Transit and YRT, a PPUDO facility, and a commuter parking lot for approximately 600 cars

TTC Progress Status Update

- The TTC subway station went into revenue service on December 17, 2017
- YRT began service out the of the bus terminal on December 17, 2017
- GO Transit began service out of the bus terminal on December 30, 2017

VMC Subway Station

- Subway Station is the terminus of the Spadina Subway Extension and includes the station’s entrance building, a direct underground connection to the Viva BRT Station on Highway 7 West, a direct underground tunnel to the SmartCentres Place VMC Bus Terminal and a connection tunnel under Millway Avenue

TTC Progress Status Update

- The TTC subway station went into revenue service on December 17, 2017



Viva BRT Concourse

- Viva BRT Concourse – the direct pedestrian access interface between the VMC Subway Station and Viva BRT at Highway 7 and west of Jane Street

Progress Status Update

- Site Plan Approval was received from Vaughan
- Substantial completion was achieved on December 15, 2017 and handover to YRT occurred the same day
- TYSSE is still progressing work on the elevators (target mid-January for in-service) and escalators (target February for in-service)
- Access to the subway station will be via stairs only in the interim; accessibility accommodations are being

provided via Millway Avenue to the TTC VMC Station main entrance

- Viva began revenue service on December 17, 2017 to coincide with revenue service of VMC Station
- Work on deficiencies will continue into 2018

SMARTCENTRES PLACE VMC (VAUGHAN METROPOLITAN CENTRE) BUS TERMINAL

Project Description

- SmartCentres Place Bus Terminal VMC is a local transit terminal forming part of an integrated transit facilities hub at the terminus of TYSSE in the Vaughan Metropolitan Centre area
- Passengers embarking and disembarking from buses at the Spadina Subway Extension’s final station starting in December 2017, will do so at the SmartCentres Place Bus Terminal VMC
- The terminal is a planned 9-bay bus terminal located at the VMC Subway Station – designed to accommodate six platforms for YRT/Viva services
- It is located over the tail track of the VMC Subway Station and directly connected to the subway concourse by means of an underground pedestrian tunnel



Progress Status Update

- Key project milestones achieved to date:
 - Project 75% complete as of end of December 2017
 - Underground servicing work is complete
 - Steel erection is complete and glulam wood beam installation is complete
 - CLT roof panel installation is complete for the wings of the terminal and is underway for the pavilion area
 - Curtain walls on the pavilion is complete
 - Concrete, pre-cast architectural concrete and unit paver installation complete
- Contract Substantial completion was December 1 2017; Contractor has experienced 3-4 months of delays
- YRT has begun on-street bus operations to VMC Station while construction of the terminal is completed



3.2 YONGE SUBWAY EXTENSION (YSE) PROGRAM

Project Description

- This project is a planned 7.4 km extension of the existing Yonge Subway, from the Finch Station to the Richmond Hill Centre and includes an underground train storage facility north of Richmond Hill Centre

Progress Status Update

- With the environmental assessment approved in 2009 and the conceptual design approved in 2012, this project has received funding to advance to the preliminary design and engineering study stage
- Discussions took place over the course of 2017 with Metrolinx, City of Toronto, and TTC regarding project governance and project management considerations have concluded paving the way for implementation of these arrangements
- A total investment of \$91.3 million is being used to complete the design and preliminary engineering work required, 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
- Discussions and negotiations regarding a multi-party Memorandum of Understanding (MOU) continued in 2017 and is expected to be executed at the YSE Executive Committee meeting in Q1-2018
- Meetings regarding the MoU resulted in consensus on the Governance and Compliance Principles
- TTC and YRRTC collaborated on the development of RFP packages to be issued by the TTC in Q2-2018 to procure key technical services for the preliminary engineering and design activities
- The YSE Project Modification Request is under review by Infrastructure Canada and the Transfer Payment Agreement was submitted and awaiting finalization



4.0 PROCUREMENT ACTIVITIES

All tables express values exclusive of taxes.

4.1 AWARDED CONTRACTS – NEW

Procurement activities for Q3 and Q4 of 2017 were for over \$24 million, primarily driven by:

- Utility Relocations for H2WE (Bell Canada, Alectra Utilities Corporation and Rogers Communications Inc.); and
- Property related matters .

The below table identifies a *Categorized Summary of YRRTC Contract Awards* – a total of 22 contracts (please see details in Appendix 1):

Category	Total	
Corporate	Total (\$)	\$98,729.06
	Count	3
BRT Property	Total (\$)	\$614,607.73
	Count	6
BRT Construction	Total (\$)	\$23,090,326.48
	Count	8
Subways	Total (\$)	\$97,905.00
	Count	1
Facilities & Terminals	Total (\$)	\$369,878.14
	Count	4
Total (\$)		\$24,271,446.41
Total Count		22

4.2 AMENDED CONTRACTS – EXISTING

In Q3 and Q4 2017, total increases to existing contracts were nearly \$8.6 million – primarily driven by the increase of approx. \$3M to the Lease of 3601 Highway 7 building offices and \$2.1M to Comtech for the Engineering and Advisory Services - Program Management (please see Table 1 of Appendix 2). In addition, 28 existing contracts were extended (please see details in Table 2 of Appendix 2); and 13 existing contracts were closed off – (please see Table 3 of Appendix 2).

The table below identifies a *Categorized Summary of YRRTC Contract Amendments*:

Category	Activities	Q3 and Q4-2017
Corporate	Closed	2
	Date Changes	4
	Increased Amounts	\$5,467,002.70
BRT Property	Closed	6
	Date Changes	7
	Increased Amounts	\$226,518.49
Program Management	Closed	-
	Date Changes	-
	Increased Amounts	\$1,500,000.00
BRT Construction	Closed	2
	Date Changes	11
	Increased Amounts	\$1,240,679.07
Communications	Closed	-
	Date Changes	1
	Increased Amounts	\$85,181.61
Subway	Closed	-
	Date Changes	-
	Increased Amounts	-
Preliminary Engineering	Closed	1
	Date Changes	-
	Increased Amounts	-
Facilities & Terminals	Closed	1
	Date Changes	4
	Increased Amounts	\$109,501.00
Total Closed		12
Total Date Changes		27
Total Increased Amounts		\$8,618,682.87

* Closed – refers to contracts closed during the period. ** Date Changes – refers to total number of contracts extended for the period.

*** Increased Amounts – refers to increases to existing contracts for the period – due to contingencies and/or added scope.

With the procurement activities related to existing and new contracts as well as soon-to-be executed agreements, total financials for program are \$3.279 billion out of the funding availability of \$3.414 billion.

- Metrolinx Capital Program of \$1.784 billion – \$1.701 billion or approximately 96% committed
- Region Capital Program of \$1.630 billion – \$1.563 billion or approximately 96% committed

4.3 PROCUREMENT ACTIVITIES IN PROGRESS, NEW CONTRACT AWARDS

Category	Estimated Project Start Period	Total
BRT Property	Q1-2018	2
Corporate	Q1-2018	2
Facilities & Terminals	Q1-2018	1
Total		5

The table above identifies a Categorized Summary of YRRTC Procurement Activities in Progress – a total of 5 contracts (please see details in Table 1 of Appendix 3) in the works.

4.4 UPCOMING & PLANNED PROCUREMENT ACTIVITIES, NEW CONTRACT AWARDS

Upcoming procurements scheduled over the next 90 days, with potential cumulative contract awards valued at \$28 million. Procurement activities include:

Regional Capital Program

- Cornell Bus Terminal – Construction
- VMC Bus Terminal - Millway Avenue By-Pass Storm Sewer
- Engineering and Advisory Services - Strategic Management Financing Consulting Services
- YRRTC External Coaching Services

Metrolinx Capital Program

- Davis Drive Surplus Lands Highest & Best Use
- Appraisal Services for All Corridors
- Engineering and Advisory Services – Technical Advisory & Construction Oversight Services

The following table provides a Summary of YRRTC Upcoming Procurements that have not yet been advertised, categorized by the anticipated project start date (please see details in Appendix 4):

Category	Estimated Value	Estimated Project Start Period		
		Q1-2018	Q2-2018	Q3-2018
BRT Property (2)	\$100,001 to \$500,000	1		
	N/A	1		
Facilities & Terminals (2)	\$100,001 to \$500,000	1		
	>\$5,000,001	1		
Corporate (4)	\$100,001 to \$250,000	1		
	\$1,000,001 to \$5,000,000	1		
	>\$5,000,001			1
	N/A	1		
Grand Total (8)		7	0	1

5.0 FINANCIAL UPDATES

5.1 CAPITAL EXPENDITURES SUMMARY

YRRTC is the program manager for rapid transit infrastructure that has a total funding of \$3.414 billion. By 2020/2021, the Region will see the project delivery of:

- 34.6 km of dedicated bus rapidways with 41 stations – along Highway 7, Yonge Street and Davis Drive
- 8.6 km of Spadina Subway extension to Highway 7 and west of Jane Street with three subway stations in York Region – Pioneer Village, Highway 407 and Vaughan Metropolitan Centre
- One Operations, Maintenance & Storage Facility at Headford Business Park
- Two Bus Terminals at the Vaughan Metropolitan Centre and Cornell Community
- Park ‘n’ Ride Facilities
- Fifty-Three 60-foot articulated vehicles

Current Capital Program – \$3.414 billion:

The total value of the capital programs being delivered carries a value of \$3.414 billion, with the Region’s contribution at \$747.7 million and the remainder funded by senior levels of Government.

- Federal = 12% or \$400.4 million
- Provincial = 66% or \$2.3 billion
- York Region = 22% or \$747.7 million

Above funding of the capital programs includes the executed agreements of the \$67.6 million from the QuickWins Contribution Agreement, the \$1.755 billion from the Metrolinx Master Agreement and the \$170.0 million from the Canada Strategic Infrastructure Fund (CSIF).

Capital expenditures were approximately \$403.4 million in 2017, bringing total expenditures to \$2.766 billion since inception of the Capital Programs. The main drivers of the expenditures are:

- Construction activities for the Bus Rapidways and Stations (BRT) Program – \$230.3 million
- Construction activities for SmartCentres Place VMC Bus Terminal – \$14.5 million
- Toronto-York Spadina Subway Extension (TYSSE) – \$155.1 million

Summary of Capital Expenditures – Q4-2017 and Inception To-Date

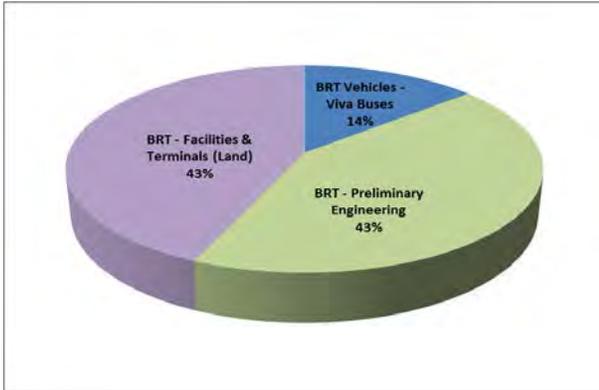
Program	Expenditures Year-to-Date	Expenditures Inception to-Date	Total Budget *	Budget Remaining	% Remaining
BRT Rapidways and Stations *	230,290,117	1,337,400,185	1,784,232,132	446,831,947	25%
BRT Facilities & Terminals	16,589,709	171,150,052	210,001,410	38,851,357	19%
BRT Vehicles - viva Buses	-	46,730,575	46,730,575	-	Completed
Toronto-York Spadina Subway Extension (TYSSE)	155,065,239	1,203,089,925	1,329,245,879	126,155,954	9%
Yonge Subway Extension (YSE) - Conceptual Design	-	4,093,890	4,308,346	214,456	5%
Yonge Subway Extension (YSE) - Planning & PE	1,306,929	1,306,929	36,344,175	35,037,245	96%
Rapidway Transit Initiatives	141,200	2,390,188	3,165,909	775,721	25%
Total	\$403,393,194	\$2,766,161,744	\$3,414,028,425	\$647,866,681	19%

* Budget is net of Municipal and 3rd Party Recoveries, and that includes the TYSSE contractor delay claims of \$160.0M

5.2 QUICKWINS CONTRIBUTION AGREEMENT – \$67.6 MILLION

A total of \$105.6 million was announced as *QuickWins* funding. Under this provincial announcement, this funding consisted of a \$67.6 million in funds advanced and an additional contribution of \$38.0 million – which was subsequently transferred and included in the Metrolinx Master Agreement of \$1.755 billion.

QuickWins Project Components – per Capital Budget



Funding Sources



Summary of Capital Expenditures – Q4-2017 and Inception To-Date

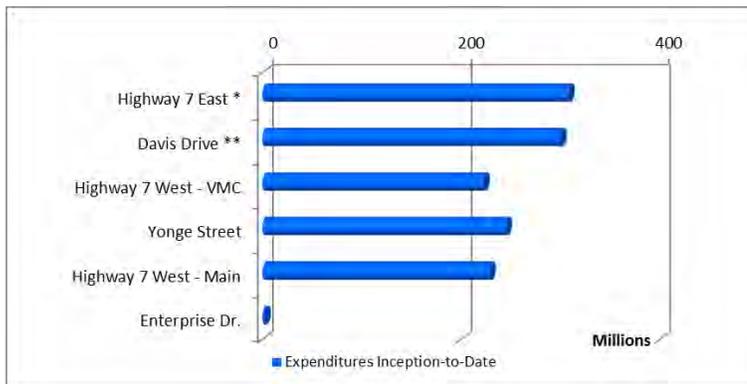
Program	Expenditures Inception-to-Date	Total Budget	% Remaining
Enterprise Dr. (PE & Construction)	19,223,940		Completed
Davis Drive (PE)	1,511,071		Completed
Highway 7 West - VMC (PE)	660,259		Completed
Highway 7 West - Main (PE)	6,918,838		Completed
Yonge Street (PE)	590,827		Completed
BRT Facilities & Terminals (PE & Land)	29,337,865		Completed
BRT Vehicles - viva Buses	9,357,200		Completed
Total	\$67,600,000	\$67,600,000	

5.3 METROLINX MASTER AGREEMENT - \$1.755 BILLION

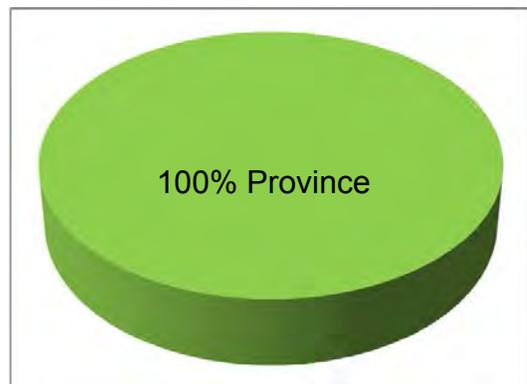
Funding 100% of the Bus Rapidways and Stations (BRT) Program in York Region – as per ‘The Big Move’ announcement for transportation infrastructure plan in the Greater Toronto and Hamilton Area (GTHA), the Metrolinx Master Agreement of \$1.755 billion includes:

- \$38.0 million in funding remaining from the original *QuickWins* announcement of \$105.6 million
- \$85.0 million for the Provincial ‘CSIF’ funding announcement
- \$1.4 billion announcement, plus escalation to Year 2021

BRT Program – per Capital Budget



Funding Sources



The expenditures versus this funding agreement in 2017 were \$230.3 million – bringing the total expenditures to \$1.308 billion since the inception of the program – approx. 66% of the rapidways completed.

Summary of Capital Expenditures – Q4-2017 and Inception To-Date

Project	Expenditures Year-to-Date	Expenditures Inception-to-Date	Total Budget
Highway 7 East *	(4,023,289)	308,312,286	
Davis Drive **	13,110,489	300,338,070	
Highway 7 West - VMC	35,813,525	222,970,129	
Yonge Street	64,321,575	245,336,050	
Highway 7 West - Main	120,911,007	229,048,261	
Enterprise Dr.	122,639	2,481,021	
Total	\$230,255,945	\$1,308,485,818	\$1,755,000,000

* Year-to-date and Inception-to-date Expenditures still reflect Municipal and 3rd Party Works which are in the process of being reimbursed

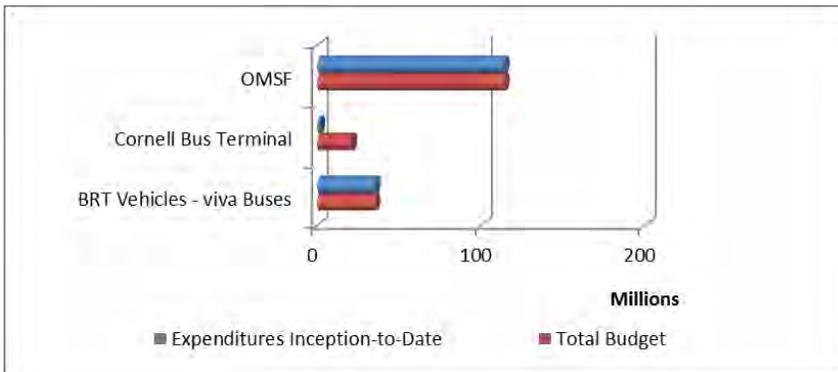
** Year-to-date and Inception-to-date Expenditures still reflect Municipal and 3rd Party Works which are in the process of being reimbursed and acquisition costs for surplus lands where a work program to dispose-sell is underway

5.4 FEDERAL CSIF CONTRIBUTION AGREEMENT – \$170.0 MILLION

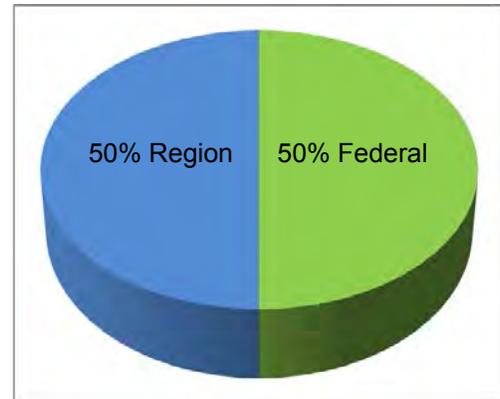
The Federal Canada Strategic Infrastructure Fund (CSIF) Contribution Agreement – valued at \$170.0 million, was executed on March 15, 2011 – a 50-50 contribution partnership between the Federal Government and the Region.

Distribution of Funding by Project Component – \$170.0 million:

CSIF Project Components – per Capital Budget



Funding Sources



With the acquisition of the 39 buses (60-foot articulated vehicles) and the completion of OMSF, two of the three project components within the CSIF Contribution Agreement are now closed. The last project component – Cornell Terminal, is scheduled to be completed by Q3-2019. Year-to-date expenditures include design, procurement and program management activities.

In 2017, expenditures were \$0.97 million, bringing the total expenditures to \$150.6 million since inception of the program – as illustrated in the table below:

Summary of Capital Expenditures – Q4-2017 and Inception To-Date

Project	Expenditures Year-to-Date	Expenditures Inception-to-Date	Total Budget*	Budget Remaining	% Remaining
Operations, Maintenance and Storage Facility (OMSF)	-	113,970,815	113,970,815	-	Completed
Cornell Bus Terminal	969,717	1,501,190	20,898,810	19,397,620	93%
BRT Vehicles - viva Buses (39)	-	35,130,375	35,130,375	-	Completed
Total	\$969,717	\$150,602,380	\$170,000,000	\$19,397,620	11%

* Budget is net of Municipal and 3rd Party Recoveries

5.5 TORONTO-YORK SPADINA SUBWAY EXTENSION PROGRAM – \$1.3 BILLION

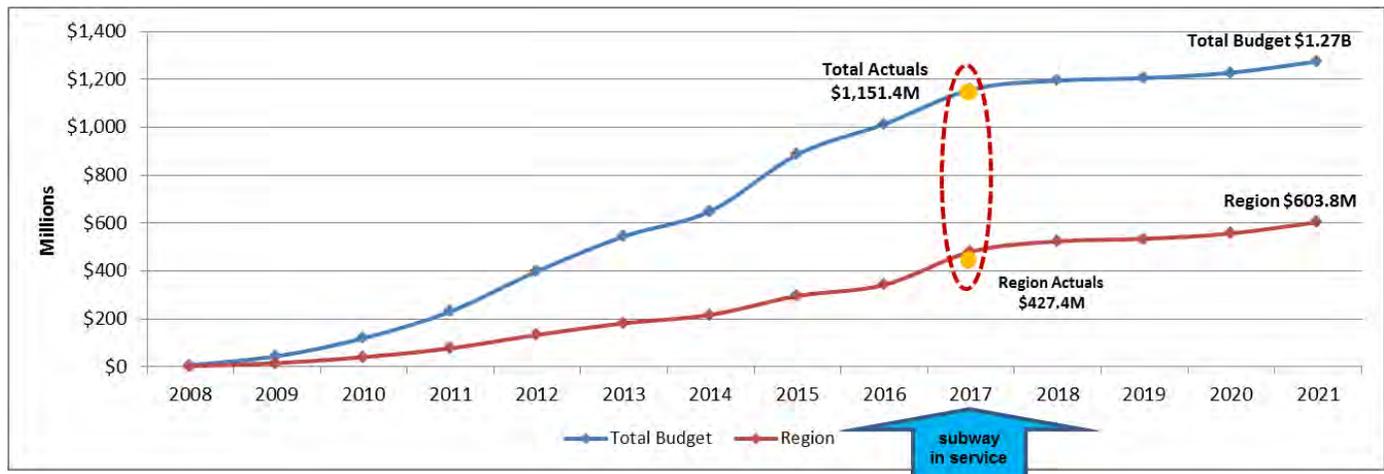
The total budget committed by the funding partners towards Toronto-York Spadina Subway Extension (TYSSE) is \$3.184 billion, of which \$1.3 billion worth of assets (40.04%) are being built in York Region:

- York Region’s commitment to TYSSE Construction is now \$604.0 million

Summary of Capital Expenditures – Q4-2017 and Inception To-Date

Project	Expenditures Year-to-Date	Expenditures Inception-to-Date	Total Budget	Budget Remaining	% Remaining
York Region - Capacity Buy-In	9,980,000	29,980,000	29,980,000	0	0%
York Region - viva Concourse	6,233,467	13,191,011	13,959,076	768,064	6%
York Region - Downsview & Others	125,583	8,514,123	10,364,803	1,850,680	18%
York Region - Subway Construction	138,726,189	480,294,350	603,831,560	123,537,210	20%
Province - Subway Construction	-	392,031,640	392,031,640	-	0%
Government of Canada - Subway Construction	-	279,078,800	279,078,800	-	0%
Total	\$155,065,239	\$1,203,089,925	\$1,329,245,879	126,155,954	9%

TYSSE Construction Expenditures in York Region, Q4-2017 and Inception-To-Date



5.6 YONGE SUBWAY EXTENSION PROGRAM

Expenditures to date are:

Project	Expenditures Year-to-Date	Expenditures Inception-to-Date	Total Budget	Budget Remaining	% Remaining
Conceptual Design	-	4,093,890	4,308,346	214,456	5%
Planning & PE	1,306,929	1,306,929	36,344,175	35,037,245	96%
Construction	-	-	-	-	-
Total	\$1,306,929	\$5,400,819	\$40,652,521	\$35,251,702	87%

5.7 OPERATING EXPENDITURES SUMMARY

In 2017, Gross Operating Expenditures and Net Operating Expenditure are \$40.5 million and \$4.6 million respectively.

- Net Operating Expenditures of \$4.6 million:
 - \$15.6 million of Operating Recoveries for YRRTC and York Region staff and administrative costs from the Metrolinx Capital Program and Regional Capital Program
 - \$20.3 million of Revenues from Development Charges and Federal Gas Tax – offsetting the Debt Principal and Interest Payments which are primarily for the TYSSSE

YRRTC Operating Expenditures, Q4-2017

Operating Expenditures (\$ Millions)	Dec-YTD Operating Expenditures	Regional Operating Expenditures	Metrolinx Operating Expenditures
YRRTC Staff & Administration.	12.8	4.9	7.9
York Region Staff & Administration	5.4	0.4	4.9
Net Financing Costs	22.3	22.3	0.0
Gross Operating	40.5	27.7	12.8
Recoveries from Capital Projects	(15.6)	(2.8)	(12.8)
Revenues from Development Charges & Federal Gas Tax	(20.3)	(20.3)	0.0
Net Operating - Tax Levy	4.6	4.6	0.0

6.0 COMMUNICATIONS

6.1 GOVERNMENT RELATIONS

- Work to secure funding sources for priority vivaNext projects per YRRTC’s 10-Year Business Plan is underway. Current identified priorities, with an estimated value of \$5.8 billion, are:
 - Capital Funding for the Yonge Subway Extension
 - Capital funding and preliminary engineering for future rapidway segments on Highway 7 – from Highway 50 to Helen Street and Unionville Station to 9th Line
 - Capital funding and preliminary engineering for future rapidway segment on Yonge Street – from 19th Avenue to Mulock Drive

6.2 COMMUNITY ENGAGEMENT

- Community Liaison staff continue to work with community stakeholders (i.e. businesses, property owner’s, residents, Chambers of Commerce and Boards of Trade) to keep them informed along the construction corridors
- The Business Support Program continues to be deployed in the Town of Newmarket, Richmond Hill and as well as the City of Vaughan. A comprehensive Winter campaign was deployed in December.



- In the last quarter of the year, the public outreach team and Community Liaisons participated in a variety of community events including:
 - Newmarket Homeshow
 - Newmarket – “touch a truck” event at the Regional Works Yard
 - Newmarket Smart Commute Bike to Work day
 - Newmarket Chamber of Commerce Education for Businesses
 - Newmarket Condominium Outreach
 - Vaughan Community Clean-up
 - Vaughan Concerts in the Park
 - Vaughan Condominium Outreach
 - Richmond Hill Community Clean-Up
 - Social media outreach to businesses within each of the corridors

- In September through October, the 2017 Corporate Campaign was in market. This year’s theme is focused on the benefits of transit “made in York Region” and features lifestyle imagery with a Viva backdrop. The campaign included social media ads, advertising on local buses and corridor banners.

- Banners along the Viva corridors continue to be part of our campaigns to emphasize the benefits of transit and these are changed out seasonally.



- VivaNext continues to engage audiences in conversation to increase the total reach and connections through social media channels, results are reflective of the engagement and project activities during each quarter

- In the last two quarters of 2017, YRRTC made over a million connections! Approximately 1,661,631 in accumulative connections. The increase is reflective of the communications outreach for construction, and two corporate campaigns in market – Business Support and the Corporate initiative, as well as the three commissioning campaigns for the opening of the TTC Line 1, and the Viva BRT rapidway on December 17.

- Throughout December three communications campaigns helped build excitement, provided education and celebrated the opening of the Vaughan Metropolitan Centre – transit hub. The campaigns were : be ready, be moved and let's move.
- Throughout the construction season, vivaNext continues to use every opportunity to educate and engage their audiences to ensure our stakeholders receive relevant and timely communications about the work being undertaken along the Regional corridors. As crews wrap up the work in the fall in preparation for winter, notification of work and our outreach program continues to be an effective tool to keep people informed
- Engagement on social media (Twitter, YouTube, Facebook and blog) continues to be an effective communication tool, with a number of followers sharing views and comments. Due to paid media and the multiple campaigns in market, the results in the last quarter are exponentially higher than normal.

Measure / Statistics	Q1-2017	Q2-2017	Q3-2017	Q4-2017
Visitors to vivanext.com	21,124	19,998	17,443	72,165
Page views to vivanext.com	57,335	30,540	35,356	115,740
Followers on Twitter	2,722	2,784	2,857	2,964
Friends on Facebook	2,076	2,090	2,091	2,141



- In November, YRRTC was recognized by the City of Vaughan with the Urban Design Award of merit for the Highway 7 West Rapidway – design and construction.

Subscription for updates on the vivaNext website (www.vivanext.com) were as follows:

Subscribers	Q1-2017	Q2-2017	Q3-2017	Q4-2017
Highway 7 - Markham	1,336	1,325	1,319	1,313
Highway 7 - Vaughan	1,723	1,769	1,798	1,799
Davis Drive - Newmarket	1,573	1,565	1,545	1,535
Yonge Street – Richmond Hill & Newmarket	4,113	4,197	4,144	4,162
Spadina Subway Extension	1,210	1,274	1,290	1,303
Yonge Subway Extension	1,964	2,049	2,079	2,120
Bathurst & Centre	815	893	913	934
Corporate Newsletter	5,971	5,454	5,971	5,882

Community Liaisons

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APPENDIX 1: AWARDED CONTRACTS
Table 1 – Awarded Contracts

The following table provides a full breakdown by *Category - YRRTC Procurement* awarded for the period of this report – Q3 and Q4-2017.

Category	Tender Type	Description	RFX No.	Vendor	Awarded Value
Corporate (3)	RFQ – Direct Purchase	Space Planning Utilization Study	RFQ-17-028-RT	Catherwood Patricia	\$28,800.00
		Corporate Writer Services	RFQ-17-056-RT	ARAL Consulting Inc	\$47,600.00
		Strategic Consultant-Workshop and Facilitation (US FUNDS)	RFQ-17-057-RT	The Elliott Consulting Group Inc.	\$22,329.06
BRT Property (6)	PT - Invitation to Tender (ITT)	Y2.1 and Y2.2 Appraisal Services for 2019 property requirements	PT-17-036-RT	Antec Appraisal Group Inc	\$194,184.00
	RFQ - Request for Quotation (General)	D1 Appraisal Services for three (3) properties	RFQ-17-046-RT	Antec Appraisal Group Inc	\$28,000.00
		H2WE Appraisal Services for nineteen (19) properties	RFQ-17-047-RT	Cushman & Wakefield Ltd	\$37,500.00
		Y3.2 Professional Surveyor Services	RFQ-17-053-RT	Lloyd & Purcell Ltd	\$62,700.00
	IT - Invitational Tender	Professional Surveyor Services - Y2.1 and Y2.2 TLI Extension	IT-17-033-RT	Tulloch Geomatics Inc.	\$118,575.00
	RFQ - Direct Purchase	D1 Environmental Services 161 Davis Drive	RFQ-17-044-RT	S2S Environmental Inc	\$173,648.73
BRT Construction (6)	RFP - Request for Proposal	Design/Inspection of Low Impact Development Stormwater Mgmt Facility (Y3.2) at 17250 Yonge St.	RFP-17-011-RT	KSGS Engineering Corp.	\$168,770.00
	RFQ - Direct Purchase	H2 West Bell Utility Relocations (Design and Construction)	RFQ-17-016-RT	Bell Canada	\$966,409.00
		H2 East Bell Utility Relocations (Design	RFQ-17-024-RT	Bell Canada	\$569,995.00

		and Construction)			
		H2 West and East Rogers Utility Relocations (Design and Construction)	RFQ-17-025-RT	Rogers Communications Inc.	\$3,129,800.00
		H2 West & East Alectra Utilities (Construction)	RFQ-17-026-RT	Alectra Utilities Corporation	\$17,104,910.00
		Yonge Street Dedicated Resources Overtime Charges for Construction	RFQ-17-052-RT	Enbridge Gas Distribution Inc.	\$1,150,442.48
Subway (1)	RFQ - Direct Purchase	YSE Project Governance and Management Deliberations (KPMG)	RFQ-17-021-RT	KPMG LLP	\$97,905.00
	RFP - Request for Proposal	Warden Park & Ride Engineering Services	RFP-17-018-RT	The Municipal Infrastructure Group LTD	\$199,467.00
	RFQ - Request for Quotation (General)	OMSF Light Pole Reinstatement	RFQ-17-013-RT	Langley Utilities Contracting Ltd.	\$12,341.00
Terminals (4)		VMC Station Bus Terminal Site Development Technical Fees	RFQ-17-041-RT	Toronto Transit Commission	\$27,000.00
	RFQ - Direct Purchase	Permanent Power connection for Cornell Bus Terminal	RFQ-17-043-RT	Alectra Utilities Corporation	\$131,070.14
Total (20)					\$24,271,446.35

APPENDIX 2: CONTRACT VALUE INCREASES, EXTENSIONS & CLOSURES
Table 1 – Contract Value Increases, Existing

The following table provides a full breakdown by *Category - YRRTC Existing Contract Increases Amended* for the period of this report – Q3 and Q4-2017.

Category	RFX No.	Vendor
Property (6)	RFQ-10-027-RT	Open Architects Inc
	RFP-15-019-RT	S2S Environmental Inc
	RFP-16-012-RT	Intrinsik Corp.
	IT-16-030-RT	Spectra Advertising
	RFQ-16-045-RT	Forest Ridge Landscaping Inc
	IT-17-006-RT	J.D. Barnes Limited
BRT Construction (3)	RFQ-16-034-RT	Alectra Utilities Corporation
	RFQ-16-035-RT	Alectra Utilities Corporation
	IT-16-001-RT	Tristar Electric Inc.
Communications (2)	RFP-14-042-RT	Flags Unlimited Corporation
	RFQ-15-033-RT	Forum Research Inc.
Corporate (3)	A025117	1602978 Ontario Inc.
	RFQ-16-061-RT	KPMG LLP
	RFP-17-001-RT	Comtech Group Inc.
Program Management (1)	RFP-11-042-RT	WSP Canada Group Limited (formerly known as McCormick Rankin Corporation)
Terminals (1)	RFQ-15-050-RT	Penguin-Calloway (Vaughan) Inc.
Total (16)		

Table 2 – Contracts Extensions, Existing

Category	RFX No.	Vendor
Terminals (4)	RFQ-15-050-RT	Penguin-Calloway (Vaughan) Inc.
	RFQ-16-060-RT	Golder Associates Ltd
	PT-16-053-RT	Bondfield Construction Company Limited
	RFQ-17-013-RT	Langley Utilities Contracting Ltd.
Property (7)	RFQ-10-027-RT	Open Architects Inc
	PT-13-030-RT	Steelcore Construction Ltd
	RFQ-16-049-RT	Spectra Advertising
	RFP-15-019-RT	S2S Environmental Inc
	RFP-16-012-RT	Intrinsik Corp.
	IT-16-030-RT	Spectra Advertising
	RFQ-16-045-RT	Forest Ridge Landscaping Inc
Corporate (4)	A025117	1602978 Ontario Inc.
	RFQ-15-031-RT	Solution ML Limited
	RFQ-16-055-RT	RFP Solutions Inc.
	RFQ-16-061-RT	KPMG LLP
Construction (11)	RFQ-10-047-RT	Newmarket-Tay Power Distribution Ltd
	RFQ-12-012-RT	Rogers Communications Inc.
	RFQ-13-019-RT	Rogers Communications Inc.
	RFQ-13-100-RT	Bell Canada
	RFQ-13-005-RT	Alectra Utilities Corporation
	RFQ-13-043-RT	Rogers Communications Inc.
	RFQ-16-034-RT	Alectra Utilities Corporation
	RFQ-16-035-RT	Alectra Utilities Corporation
	IT-16-001-RT	Tristar Electric Inc.
	RFQ-16-046-RT	Enbridge Gas Distribution Inc.
	RFQ-16-064-RT	Telus Communications Inc.
Communications (1)	RFQ-15-033-RT	Forum Research Inc.
Total (27)		

Table 3 – Contracts Closures

Category	RFX No.	Vendors
Corporate (2)	RFQ-15-031-RT	Solution ML Limited
	RFQ-12-081-RT	Newmarket Plaza Limited
Property (6)	RFQ-10-027-RT	Open Architects Inc
	PT-13-030-RT	Steelcore Construction Ltd
	RFP-12-016-RT	S2S Environmental Inc
	RFQ-14-069-RT	Watters Environmental Group Inc.
	RFP-15-019-RT	S2S Environmental Inc
	RFP-16-012-RT	Intrinsik Corp.
Terminals (1)	RFQ-17-041-RT	Toronto Transit Commission
Preliminary Engineering (1)	RFP-13-076-RT	S2S Environmental Inc
Construction (2)	RFQ-17-030-RT	Resource Environmental Associates
	RFQ-16-041-RT	Bell Canada
Total (12)		

APPENDIX 3: PROCUREMENT ACTIVITIES IN PROGRESS, NEW CONTRACT AWARDS

Table 1 – Procurement Activities in Progress, New Contract Awards

The following table provides a breakdown of *Procurement Activities in Progress* for the period of this report – Q3 and Q4-2017, whereby a solicitation has been advertised, but no award has yet been issued.

Category	RFX No.	Description	Estimated Project Start Period
Corporate (2)	RFQ-17-049-RT	Staff Engagement Survey	Q1-2018
	RFQ-17-050-RT	Personal Profile Assessments	Q1-2018
Property (2)	RFP-17-042-RT	H2WE Environmental Investigations	Q1-2018
	PT-17-034-RT	H2VMC: 2006 highway 7 Pylon, Sign and Light Standard Reinstatement	Q1-2018
Terminals (1)	RFQ-17-060-RT	VMC Bus Terminal Wayfinding and signage	Q1-2018
Total (5)			

APPENDIX 4: UPCOMING & PLANNED PROCUREMENT ACTIVITIES, NEW CONTRACT AWARDS
Table 1 – Upcoming Procurement, New Contract Awards

The following table provides a full breakdown by *Upcoming & Planned Procurement Activities* for the period of this report – Q3 and Q4-2017.

Category	Estimated Value	RFX No.	Description	Estimated Project Start Period
Property (2)	\$50,001 to \$100,000	RFP-18-003-RT	Davis Drive Surplus Lands Highest Best Use Assignment	Q1-2018
	N/A	RFPQ-17-062-RT	Appraisal Services for all corridors	Q1-2018
Corporate (4)	\$100,001 to \$500,000	RFP-18-005-RT	YRRTC External Coaching Services	Q1-2018
	\$1,000,001 to \$5,000,000	RFP-17-003-RT	Engineering and Advisory Services - Strategic Management and Finance	Q1-2018
	N/A	RFPQ-18-001-RT	Engineering and Advisory Services - Technical Advisory & Construction Oversight Prequalification	Q3-2018
	>\$5,000,001	RFP-18-002-RT	Engineering and Advisory Services - Technical Advisory & Construction Oversight RFP	Q3-2018
Terminals (2)	\$100,001 to \$500,000	RFQ-18-007-RT	Millway Avenue By-Pass Storm Sewer	Q1-2018
	>\$5,000,001	PT-17-061-RT	Cornell Bus Terminal (Reissuance)	Q1-2018
Total (8)				