## EXTRACT FROM COUNCIL MEETING MINUTES OF DECEMBER 10, 2013

Item 2, Report No. 6, of the Priorities and Key Initiatives Committee, which was adopted without amendment by the Council of the City of Vaughan on December 10, 2013.

## YORK REGION RAPID TRANSIT UPDATE <u>CITY-WIDE</u>

The Priorities and Key Initiatives Committee recommends:

- 1) That the recommendation contained in the following report of the Commissioner of Engineering and Public Works and the Director of Development & Transportation Engineering, dated November 25, 2013, approved; and
- 2) That Communication C2, presentation material titled "York Region Rapid Transit Corporation, Vivanext", dated November 25, 2013, be received.

## **Recommendation**

2

The Commissioner of Engineering and Public Works and the Director of Development & Transportation Engineering recommend:

1. THAT the presentation from York Region Rapid Transit Corporation staff on the status of rapid transit projects in Vaughan be received.

## **Contribution to Sustainability**

Higher order transit infrastructure such as the Spadina and Yonge Subway Extension projects and the VivaNext Highway 7 Bus Rapid Transitway will support compact urban form and will offer an alternative mode of transportation to the single occupant vehicle.

## **Economic Impact**

There is no economic impact resulting from the recommendations of this report.

### **Communication Plan**

There is no communication plan associated with this report.

## Purpose

The purpose of this report and associated presentation from York Region Rapid Corporation (YRRTC) staff is to provide Council with the status of the rapid transit projects in Vaughan.

## **Background – Analysis and Options**

The construction of the Toronto-York Spadina Subway Extension is well underway and the three stations in Vaughan are taking shape. The first stage of the VivaNext Rapidway in Vaughan (H2-VMC), which extends along Highway 7 from Edgeley Boulevard to approximately Bowes Road, is under construction and scheduled to be completed concurrently with the opening of the Toronto-York Spadina Subway Extension in 2016.

YRRTC is currently engaged in the design stage of the next phase of the H2 Rapidway, which extends west of Edgeley Boulevard to approximately Helen Street and east of Bowes Road. Accordingly, staff has arranged a presentation from YRRTC staff which will provide more details on the current status of the following transit projects:

## **CITY OF VAUGHAN**

## EXTRACT FROM COUNCIL MEETING MINUTES OF DECEMBER 10, 2013

## Item 2, Priorities Report No. 6 - Page 2

## **Toronto-York Spadina Subway Extension**

- Subway tunnel construction in Vaughan is nearing completion
- VMC and Hwy407 Stations are taking shape
- Construction of the Black Creek Station entrance (Vaughan side) and Transformer Substation is underway
- The Phase 2 site plan for the passage pick-up/drop-off, York Transit Bus Terminal, Street "C" and commuter parking lot associated with the Black Creek Station is expected to be submitted to the City in 2014.

## VMC York Region Transit Bus Terminal

- Target commencement of Bus Terminal design Q1-2014
- Site Plan submission to City Q2 -014
- Design of Millway widening north of Applemill targeted to begin Q2-2014
- Completion of Bus Terminal design Q4-2014
- Anticipated start of construction Q1 / Q2 2015
- Millway Avenue reconstruction to be coordinated with Bus Terminal scope of work
- Bus Terminal partial opening and completion of Millway to be timed with opening of the Subway
- Completion of balance of Bus Terminal targeted 6 months following opening of Subway

## VivaNext Rapidway H2-VMC – Edgeley to Bowes Road

- Utility relocations ongoing
- Road construction anticipated to begin Spring 2014
- H2-VMC completion date to coincide with TYSSE opening (Fall 2016)

## Balance of H2 Rapidway – West of Edgeley and east of Bowes Road

- Property acquisition ongoing
- Request for Proposal (Design/Build/Finance) Spring 2014
- Construction anticipated to begin -Fall 2015
- Rapidway open- late 2018
- Highway 400/7 Ramp Reconfiguration to be constructed as part of the Highway 7 West Phase 2 (H2) project:
  - o York Region led initiative
  - Creates a fully functional intersection at N to E/W off ramp
- York Region has confirmed that raised bike lanes are proposed on the Highway 7 West Phase 2 (H2) and Yonge Street projects. Design of bike lanes across the 400 bridge under review
- Interface between H2-VMC curb lane bike lanes and H2 raised bike lanes is under review
- Integration with City of Vaughan bike lane program is under review
- termination location and configuration of the rapidway west limit is under review

## VivaNext Project Communications

• Broad communication strategy will be implemented throughout the duration of the project

## Metrolinx Next Wave projects – Yonge Subway extension

• The Yonge Subway North Extension is the number one rapid transit priority for York Region

## **CITY OF VAUGHAN**

## EXTRACT FROM COUNCIL MEETING MINUTES OF DECEMBER 10, 2013

## Item 2, Priorities Report No. 6 - Page 3

- March 2012 Yonge Subway Conceptual Design Study completed and approved by the YRRTC Board
- May 2013 Yonge North Subway Extension Benefits Case released by Metrolinx
- Metrolinx Yonge Relief Line Network Study
  - York, Toronto, TTC and MTO participating in study
  - Purpose is to assess a broad range of alternatives to relieve the Yonge Subway
  - Study completion in Q1-2015

## Relationship to Vaughan Vision 2020/Strategic Plan

This report is consistent with the priorities previously set by Council and the necessary resources have been allocated and approved.

## **Regional Implications**

York Region is responsibility for the funding and operation of public conventional and specialized transit services throughout York Region.

## **Conclusion**

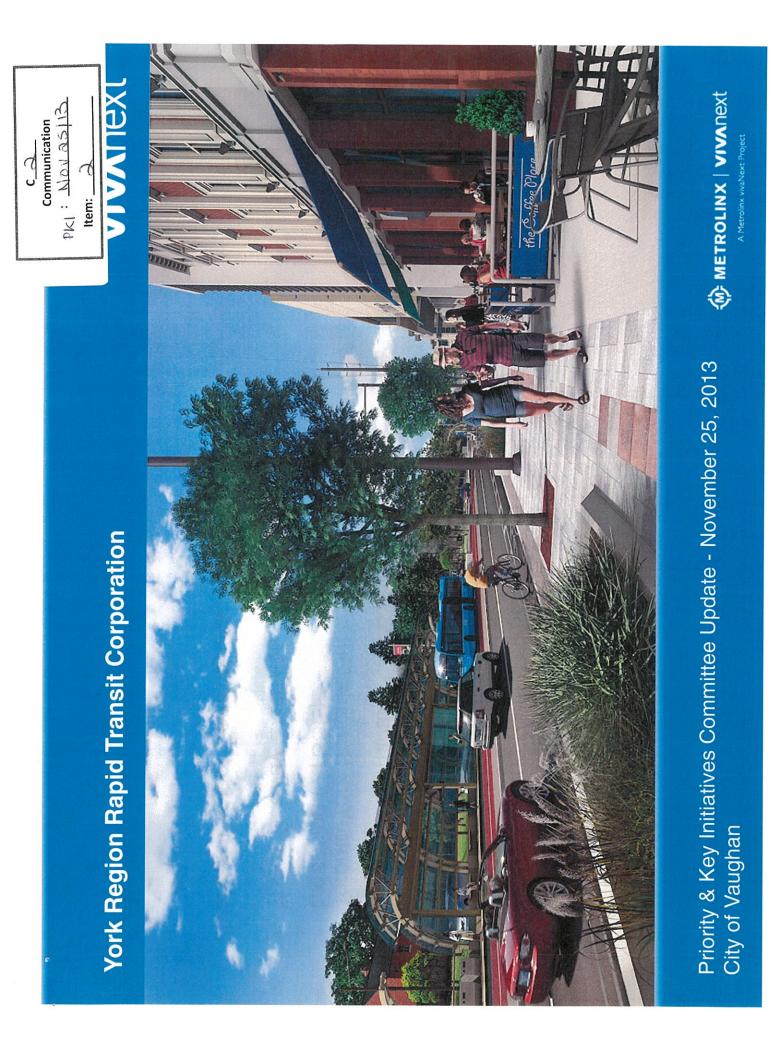
The information in this report and the associated presentation from YRRTC staff provides an update on the current status of the key rapid transit project in Vaughan.

## Attachments

None

## Report Prepared By:

Andrew Pearce, Director of Development / Transportation Engineering, Ext. 8255



# > Project Status Update

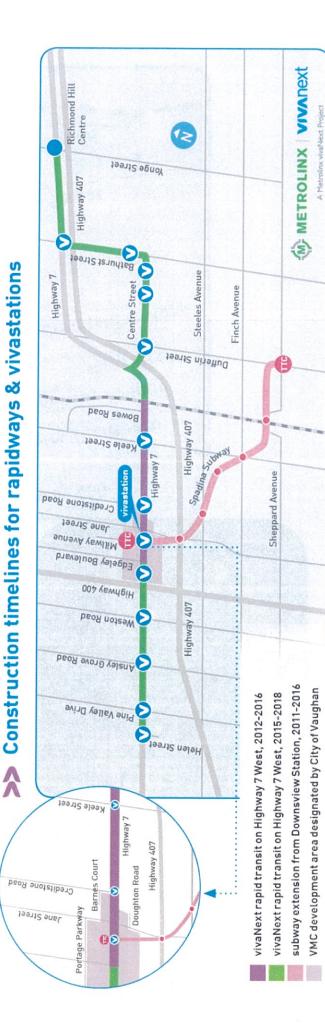
- Highway 7 West Phase 1 (H2-VMC)
- Highway 7 West Phase 2 (H2)
- Highway 400 Ramp Reconfiguration
- Raised bike lanes on Highway 7 West and Yonge Street
- Additional consultant work
- VMC Bus Terminal
- Toronto-York Spadina Subway Extension (TYSSE)
- Yonge Subway Extension
- VivaNext Project Communications





# Vaughan rapid transit projects

## VIVANEXt



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**project status update** Highway 7 West – phase 1 (H2VMC)

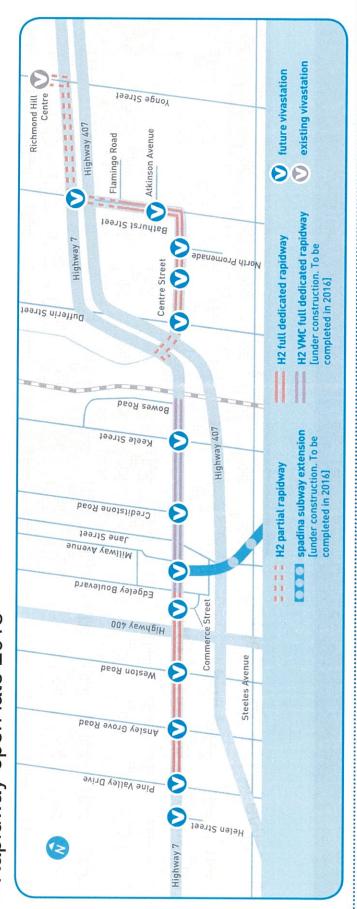
- Utility relocation is ongoing
- > Road construction is anticipated to begin in spring 2014
- H2VMC completion date to coincide with TYSSE opening (Fall 2016)



## **project status update** Highway 7 West – phase 2 (H2)

## VIVANext

- > Property acquisition ongoing, property acquired prior to project award
- > RFQ in Fall 2013 to be followed by RFP in Spring 2014
- Project award Spring 2015
- Construction anticipated to begin Fall 2015
- > Rapidway open late 2018

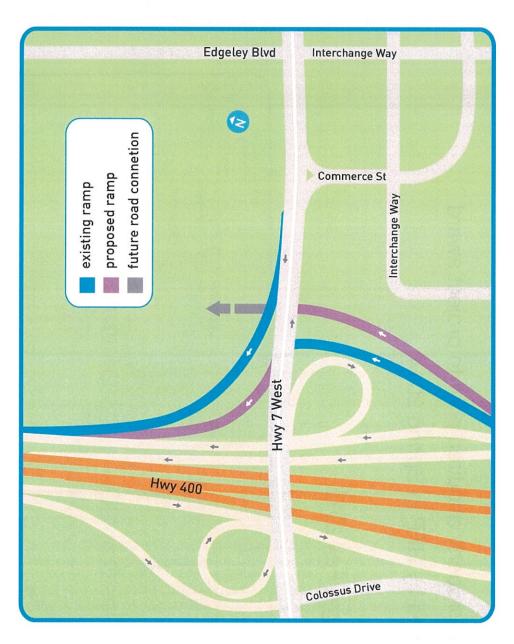


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**current work** Highway 400 ramp reconfiguration

VIVANEXt

- Initiative led by York Region
- Will be procured and constructed as part of the Highway 7 West – Phase 2 (H2) project
- Once built, will create a fully functional (all direction) intersection at off ramp
- Bike lanes across the 400 Bridge - currently under review



- York Region confirms raised bike lanes to be used on the Highway 7 West Phase 2 (H2) & Yonge Street projects
- Interface between H2VMC curb lane bike lanes and H2 raised bike lanes – currently under review
- Integration with City of Vaughan bike lane program – currently under review



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- Currently reviewing:
- operation on single lane rapidway across Highway 407 structure on Bathurst Street
- west limit configuration and rapidway termination location



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## VIVANext

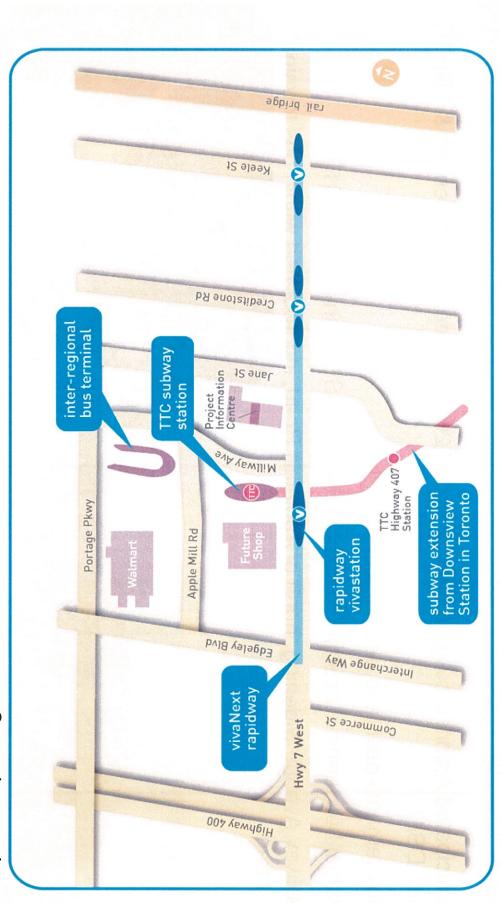
- Anticipated Architect's Agreement by end of 2013 between Smart Centres & YRRTC with DSAI
- > Bus terminal design to begin in early 2014
- Partial bus terminal opening to coincide with TYSSE opening (Fall 2016)
- Millway Avenue widening, north of Applemill Road, incorporated within bus terminal contract



# VMC transit hub and connectivity with the TYSSE project status update

vivvnext

> Anticipated opening in fall 2016



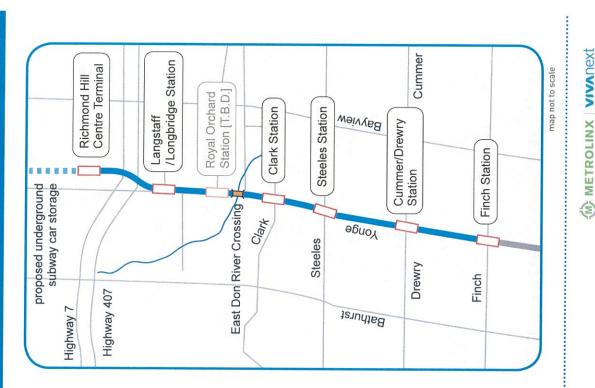
METROLINX VIVANEXT

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**project status update** Yonge Subway Extension – features

VIVANEXt

- The Yonge Subway North Extension is the number one rapid transit priority for York Region
- Project features:
- 6.8 kilometres long
- Up to six stations
- Underground train storage
- Two major bus terminals
- Park & Ride lot for up to 2,000 cars
- Bridge over the East Don River



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<ul> <li>Metrolinx's most recent funding announcement reaffirms the Yonge Subway Extension to the Richmond Hill/Langstaff Urban Growth Centre as one of the priority projects in the next wave of the Priority and has the Priority and has</li></ul>		
 Ю	announcement tension to the Growth Centre the next wave	metrolinx's next wave projects regional transit expansion
•••	The Environmental Assessment and Conceptual Design Study are completed, placing this project n a strong position for funding consideration as oart of Metrolinx's investment strategy.	<ul> <li>Brampton Queen Street Rapid Transit</li> <li>Dundas Street Bus Rapid Transit</li> <li>Durham-Scarborough Bus Rapid Transit</li> <li>Downtown Relief Line</li> <li>Downtown Relief Line</li> <li>Go Rail Expansion: More Two-Way, All-Day and Rush Hour Service</li> <li>Electrification of GO Kitchener Line and Union Pearson Express</li> <li>Go Lakeshore Express Rail Service</li> </ul>
	York Region has kept the Yonge Subway Extension echnical state of readiness as a priority and has unded over \$10million dollars of study to date	<ul> <li>Phase 1 (including Electrification)</li> <li>Hamilton Rapid Transit</li> <li>Hurontario-Main Light Rapid Transit</li> <li>*projects listed in no particular order</li> </ul>

## VIVANEXt

## > 2008

 Yonge Subway Extension was one of the Top 15 Priorities under Metrolinx Regional Transportation Plan

## > 2009

- Yonge Subway Extension Environmental Assessment (including public consultation from 2006-2009)
- Metrolinx Benefits Case Analysis sets rationale for Conceptual Design work

## > 2012

Conceptual Design study approved

## > 2013

- Yonge North Subway Extension Benefits Case released by Metrolinx
  - TPAP Addendum underway



# **project status update** Yonge Subway Extension – ongoing studies

## VIVANEXt

- Metrolinx Yonge Relief Line Network Study
- York, Toronto, TTC and MTO participating in study
- Purpose is to assess a broad range of alternatives to relieve the Yonge Subway
  - Study expected to be complete in Q1-2015
- Toronto Official Plan Update & Feeling
   Congested Transportation Study
- Will include priority setting for transit projects
- Progress report and proposed process scheduled for December 2013 Toronto Council
- TTC Downtown Relief Line Studies
- Downtown Relief Line Transit Expansion Study
  - Toronto East Subway Project Assessment
- TTC and Toronto staff and Council priorities are not aligned at this time



METROLINX VIVANEXT

## vivaNext project communications keeping you informed

## VIVANext

- Community Liaison
- Brochures,
- newsletters & FAQ's
  - Public open houses
- Email construction notices
- Social media updates
- vivaNext website
  - blogs, maps, images etc.









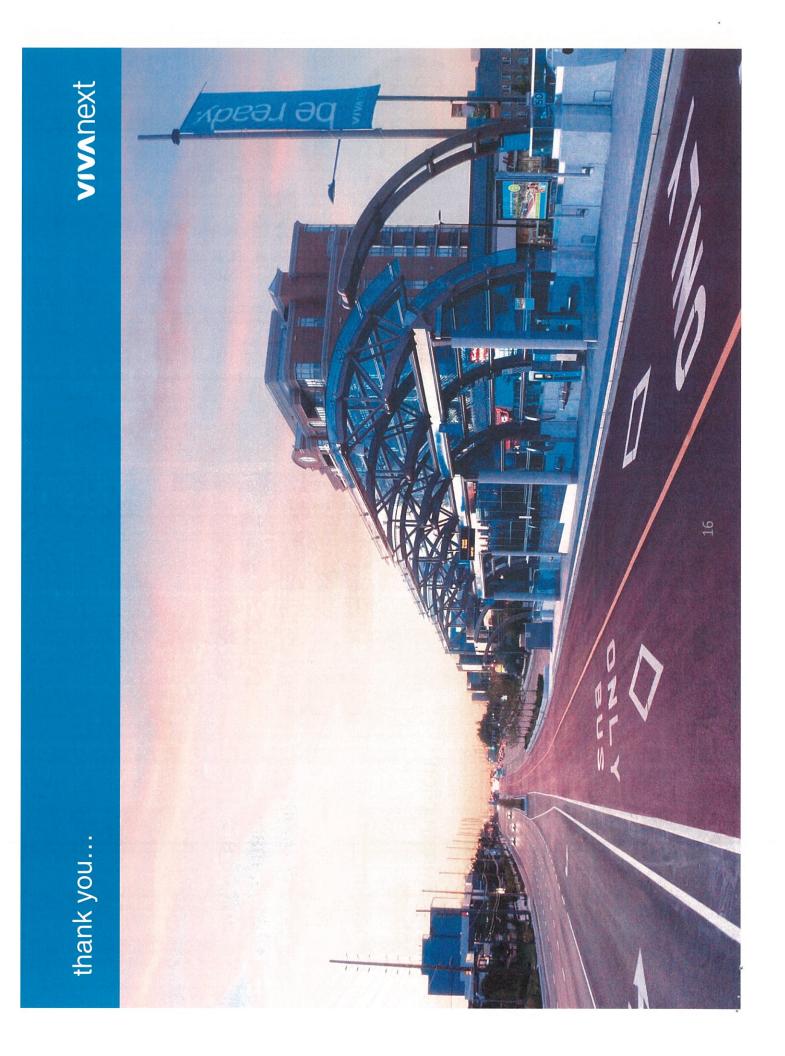






METROLINX | VIVANEXT A Metrolinx vivaNext Project

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## PRIORITIES AND KEY INITIATIVES COMMITTEE - NOVEMBER 25, 2013

## YORK REGION RAPID TRANSIT UPDATE CITY-WIDE

## RECOMMENDATION

The Commissioner of Engineering and Public Works and the Director of Development & Transportation Engineering recommend:

1. THAT the presentation from York Region Rapid Transit Corporation staff on the status of rapid transit projects in Vaughan be received.

## **CONTRIBUTION TO SUSTAINABILITY**

Higher order transit infrastructure such as the Spadina and Yonge Subway Extension projects and the VivaNext Highway 7 Bus Rapid Transitway will support compact urban form and will offer an alternative mode of transportation to the single occupant vehicle.

## ECONOMIC IMPACT

There is no economic impact resulting from the recommendations of this report.

## **COMMUNICATION PLAN**

There is no communication plan associated with this report.

## PURPOSE

The purpose of this report and associated presentation from York Region Rapid Corporation (YRRTC) staff is to provide Council with the status of the rapid transit projects in Vaughan.

### BACKGROUND - ANALYSIS AND OPTIONS

The construction of the Toronto-York Spadina Subway Extension is well underway and the three stations in Vaughan are taking shape. The first stage of the VivaNext Rapidway in Vaughan (H2-VMC), which extends along Highway 7 from Edgeley Boulevard to approximately Bowes Road, is under construction and scheduled to be completed concurrently with the opening of the Toronto-York Spadina Subway Extension in 2016.

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  - Study completion in Q1-2015

## **RELATIONSHIP TO VAUGHAN VISION 2020/STRATEGIC PLAN**

This report is consistent with the priorities previously set by Council and the necessary resources have been allocated and approved.

## **REGIONAL IMPLICATIONS**

York Region is responsibility for the funding and operation of public conventional and specialized transit services throughout York Region.

## **CONCLUSION**

The information in this report and the associated presentation from YRRTC staff provides an update on the current status of the key rapid transit project in Vaughan.

## **ATTACHMENTS**

None

## **REPORT PREPARED BY:**

Andrew Pearce, Director of Development / Transportation Engineering, Ext. 8255

Respectfully submitted,

Paul Jankowski, P.Eng. Commissioner of Engineering and Public Works Andrew Pearce, C.E.T., Director of Development & Transportation Engineering