

York Region Rapid Transit Corporation



City of Vaughan
Committee of the Whole
June 1, 2016

C 17
COMMUNICATION
CW (WORKING SESSION)
June 1, 2016
ITEM 4

VIVAnext
be moved

C17 4

Agenda

Future rapid transit projects

- > Yonge North Subway Extension [YNSE]
- > Regional Express Rail [RER]

Current BRT projects in Vaughan

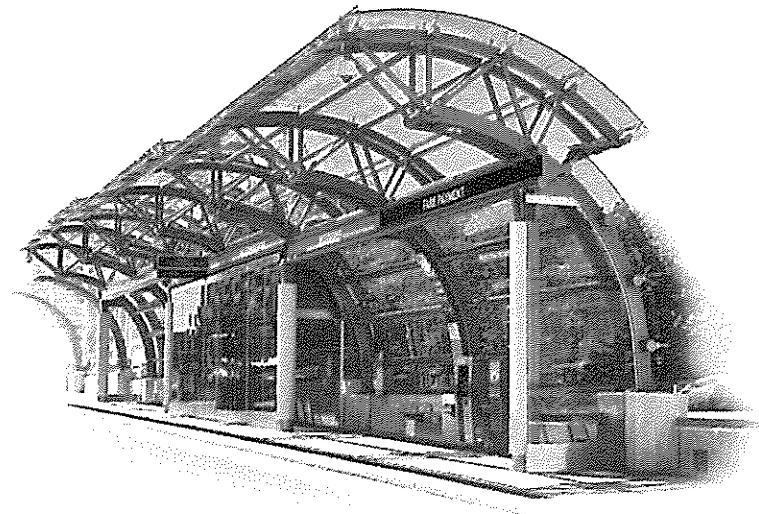
- > Map of Phase 1 and Phase 2
- > Phase 1 >> East of Jane Street
- > Phase 1 >> West of Jane Street
- > Phase 2 >> H2 East and H2 West

Facilities and terminals

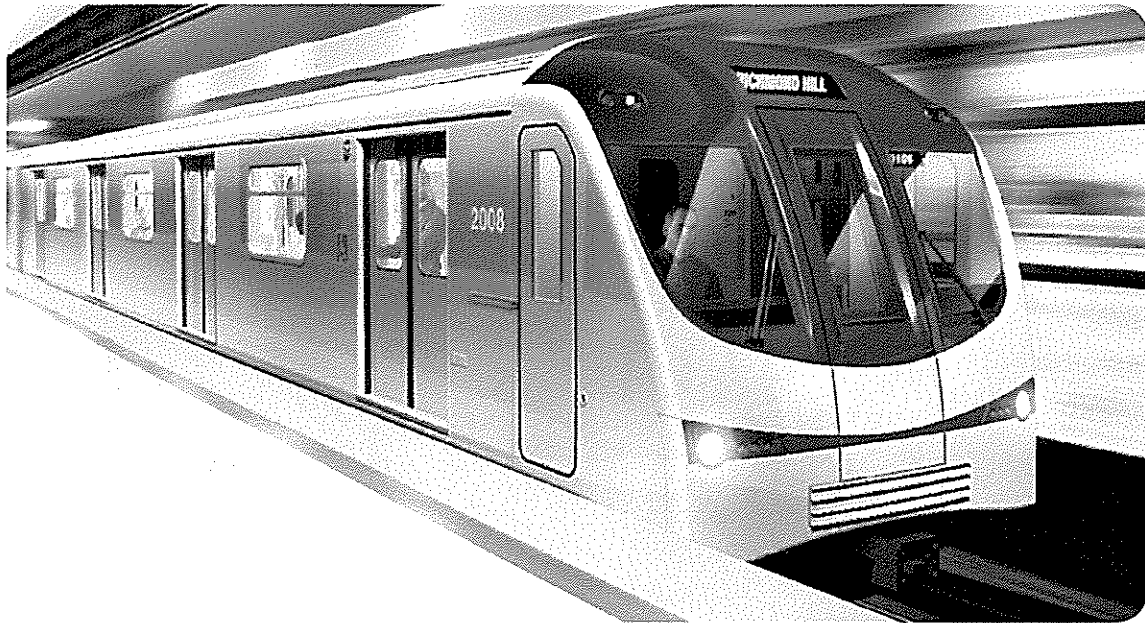
- > BRT station >> VMC-Spadina Subway Station
- > Bus terminal >> SmartREIT Terminal-VMC
- > Subway >> Toronto-York Spadina Subway Extension

Staying informed >> vivaNext communications

Business Support Program



Future rapid transit projects



Yonge North Subway
Extension [YNSE]

Regional Express Rail
[RER]



Future rapid transit projects

YNSE >> The time to extend the Yonge subway is now

Project description:

- > 7.4 km extension from Finch Terminal to Richmond Hill Centre
- > 5 stations
- > 2 transit terminals
- > 2,000 parking spaces

Key benefits:

- ✓ Services 165,000 riders/day
- ✓ 2,500 fewer bus trips/day down Yonge Street
- ✓ Reduces 7,000 tonnes of greenhouse gases/year
- ✓ Creates 21,800 person-years of employment
- ✓ Fuels approximately 48,000 new residents and 31,000 jobs in the Richmond Hill/Langstaff Urban Growth Centre anchor hub
- ✓ Shorter commute times



Future rapid transit projects



YNSE >> update

- > Last June Metrolinx recommended the YNSE project proceed to 15% preliminary design and engineering following the results and analysis of the Yonge Relief Network Study.
- > Currently, phase one of Federal infrastructure funding is being announced (funding to support transit improvements).
- > In preparation for Phase Two of funding (dollars for new projects), YRRTC continues to work with York Region to advocate for capital funding of \$4.0 billion (in 2015 dollars) estimated for the construction of the YNSE, establish working groups and align the governance models needed to begin the 15% preliminary design and engineering.



Future rapid transit projects

RER >> update

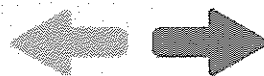
- > YRRTC, York Region and Metrolinx continue to collaborate on many components of the Province's RER program to ensure it is fully integrated within the Region's transit initiatives, and network connectivity and use policies.
- > Some of these components include:
 - participating in technical advisory meetings
 - new stations analysis
 - rail grade separations
 - parking capacity/first-mile-last-mile
 - electrification

GO RER will reduce travel times and give people more ways to get where they want to go with:

Trains up to every 15 minutes



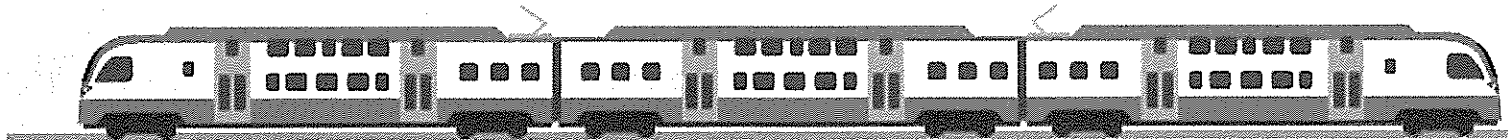
Service in both directions



More all-day service



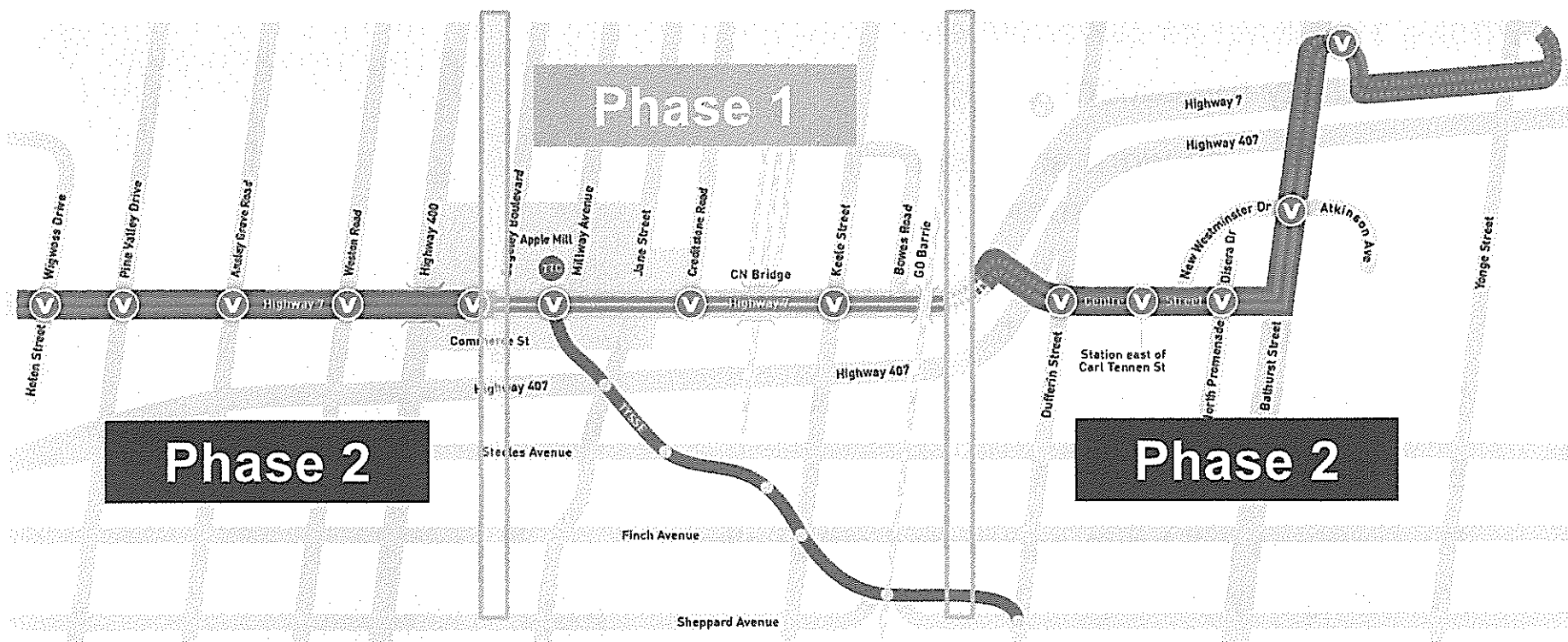
Faster electric trains



Current BRT projects in Vaughan



Map >> Phase 1 and Phase 2



Legend

- | | | |
|--|--------------------------|--|
| Phase 1 rapidway construction [2012–2016/2017] | Partial rapidway | Toronto-York Spadina Subway Extension [2011–2017] |
| Phase 2 rapidway construction [2016–2019] | Transit in mixed traffic | VMC development area designated by City of Vaughan |
| Full dedicated rapidway | Vivastation | |

Current BRT projects in Vaughan

Phase 1 >> East of Jane Street

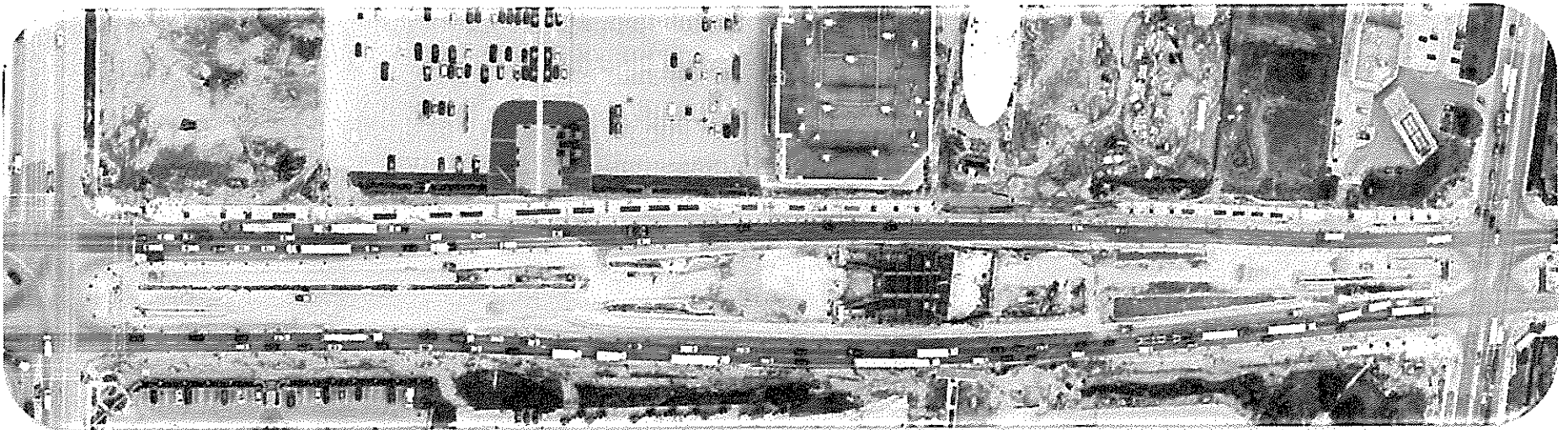
- > Major utility relocations complete
- > Top coat paving work and red rapidway paving to start this summer
- > CN MacMillan Bridge sidewalks, rapidway and widening completed this year
- > Tree planting and other greenery underway
- > Bike lanes to be completed this year
- > Pedestrians will have completed sidewalks from Edgeley Blvd. to Bowes Road
- > Final touches to vivastations ongoing
- > Signal activations ongoing
- > **Rapidway complete: Q4 2016**



Current BRT projects in Vaughan

Phase 1 >> West of Jane Street

- > Paver stones, and boulevard and sidewalk work to be completed by Q3 2016
- > Permanent signal activation is complete for intersections of Highway 7 & Edgeley Blvd./Interchange Way and Highway 7 & Jane Street
- > Permanent street light installation is ongoing

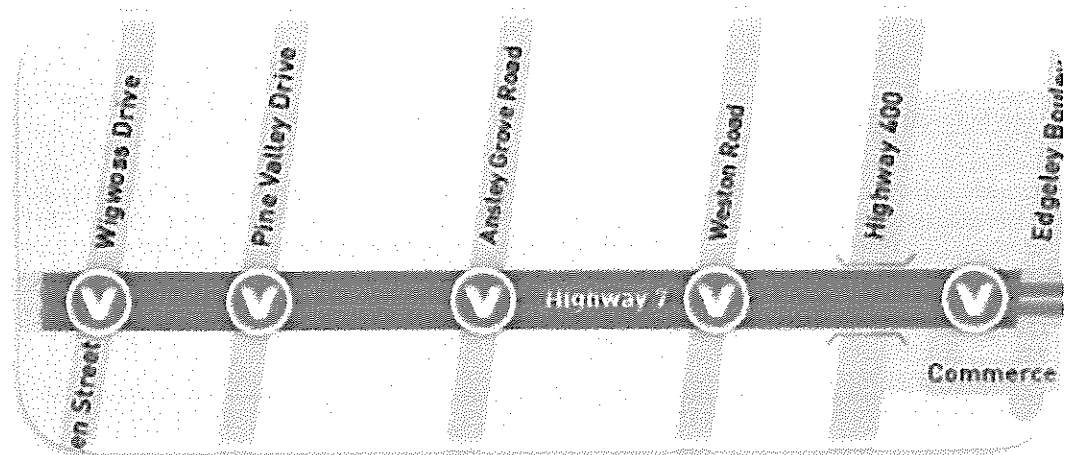
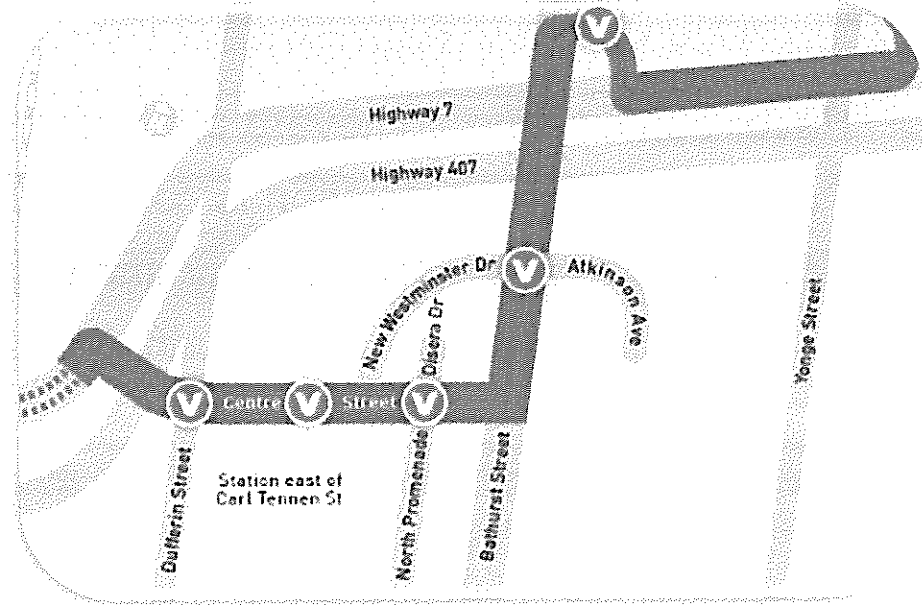


April 28, 2016 photo

Current BRT projects in Vaughan

Phase 2 >> H2 East and H2 West

- > H2 East and West project will construct 12 km of rapidway
- > **H2 East station locations:**
 1. Hwy 7-Bathurst [on connector rd.]
 2. Bathurst at Atkinson Ave.
 3. Disera-Promenade
 4. Centre east of Carl Tennen St.
 5. Dufferin St.
- > **H2 West station locations:**
 6. Wigwoss-Helen
 7. Pine Valley Dr.
 8. Ainsley Grove Rd.
 9. Weston Rd.
 10. Commerce St.

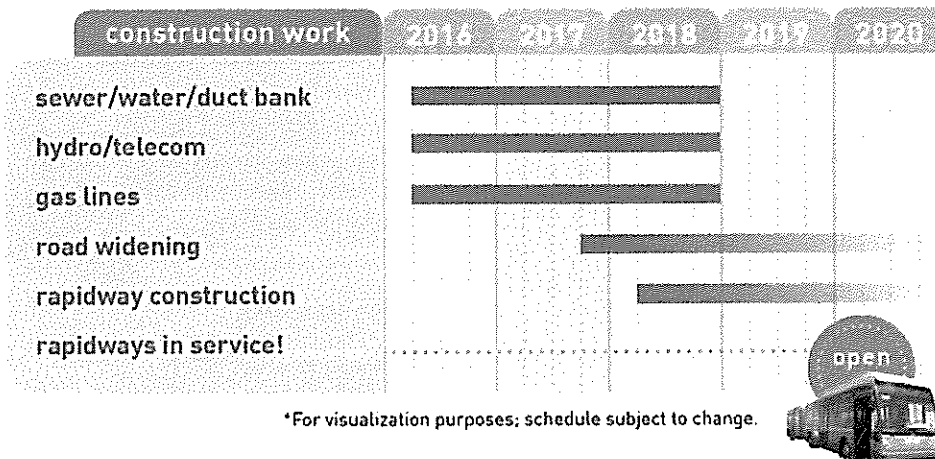


Current BRT projects in Vaughan

Phase 2 >> H2 East and H2 West

- > Bathurst Street water main replacement begins shortly, for completion this year, with Centre Street beginning this fall
- > Bathurst & Centre Street tree removals and transplanting to three local parks underway
- > Pre-construction surveying, utility relocation design and geotechnical investigations ongoing

>> phase 2 construction timeline*



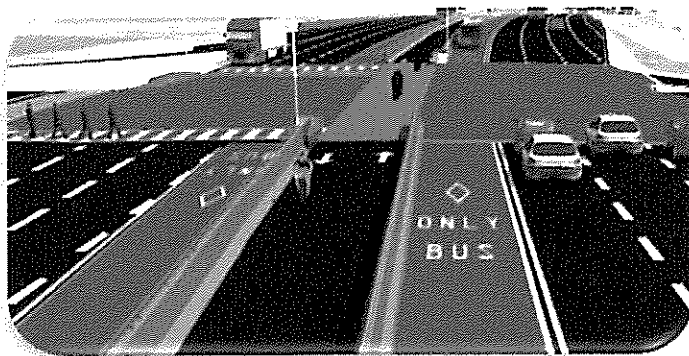
Current BRT projects in Vaughan

Phase 2 >> H2 East & H2 West bike lanes update

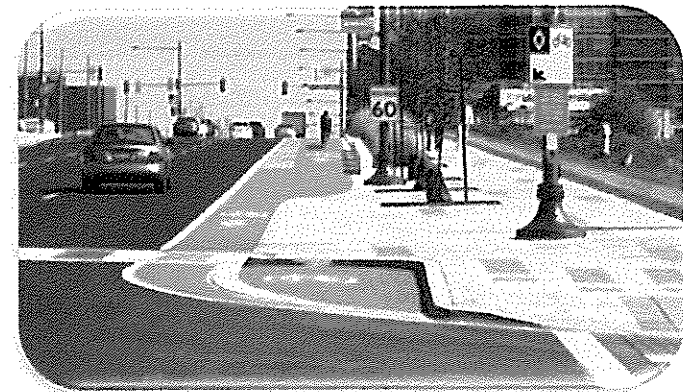
- > Corridor will have raised bike lanes with bike boxes at intersection corners
- > Exceptions include:
 - Multi-use trail on Highway 7 between Bathurst Street and Yonge Street
 - Centre-lane multi-use trail across Highway 400 bridge



concept: raised bike lanes



concept: multi-use trail

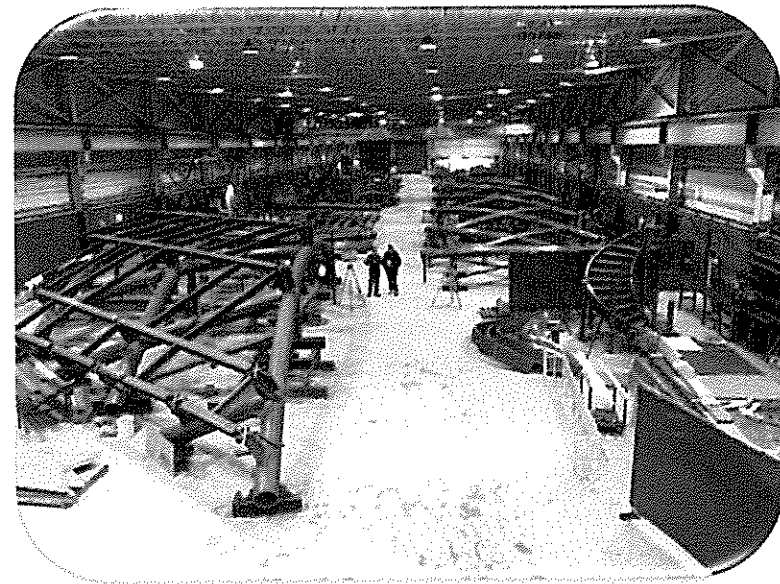
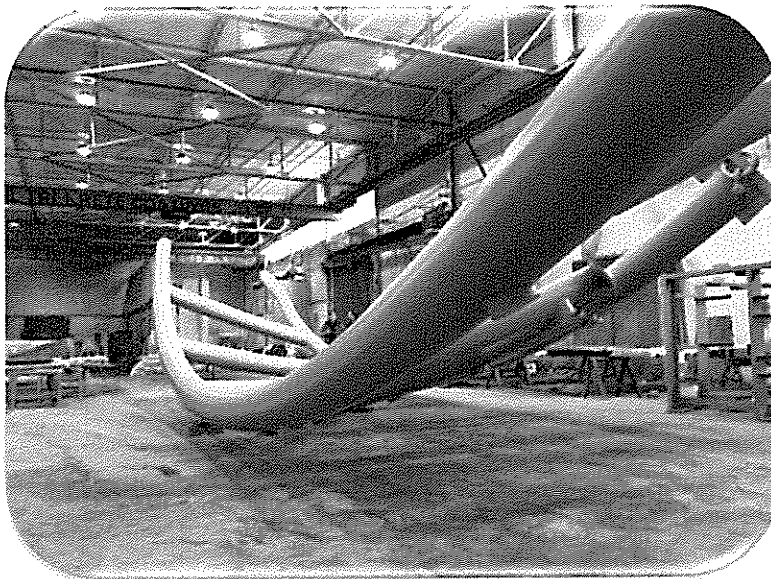
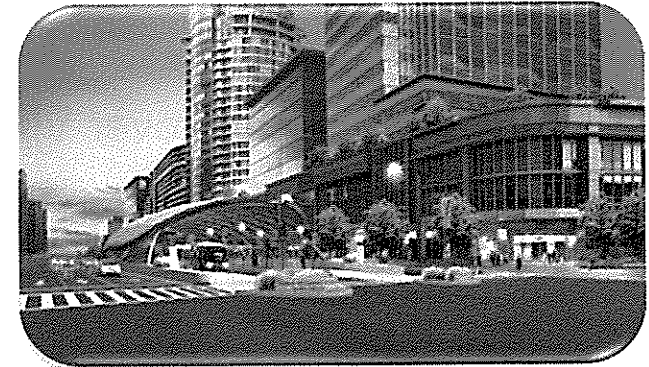


bike boxes at corners

Facilities and terminals

BRT station >> VMC-Spadina Subway Station

- > Fabrication of BRT station structure continues
- > Handover from TTC occurred May 19, 2016
- > BRT station scheduled to open: Spring 2018
- > Developing interim service plan, including pedestrian access points

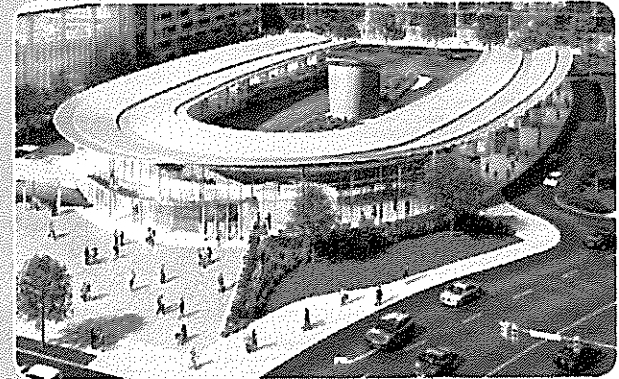


May 12, 2016 photos

Facilities and terminals

Bus terminal >> SmartREIT Terminal-VMC

- > 9-bay bus terminal over VMC subway station
- > Design work completion: targeting Q2 2016
- > Site plan approval targeting: Q2 2016
- > Procurement for construction contract underway
- > Construction start: early Q4 2016



VMC Bus Terminal



Smart Centres



Smart Centres Interior

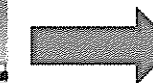
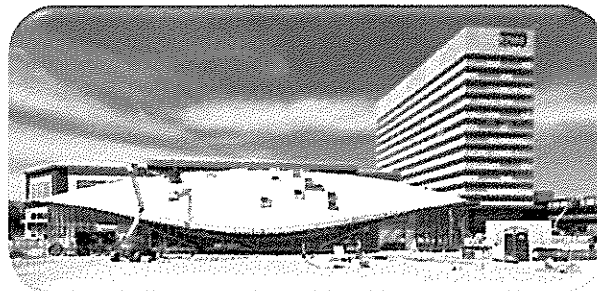
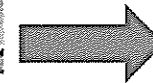
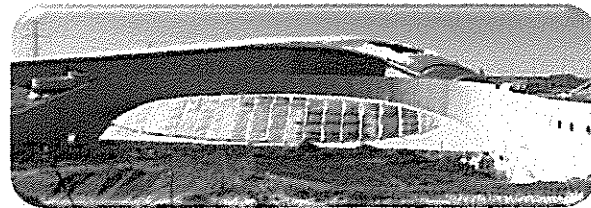
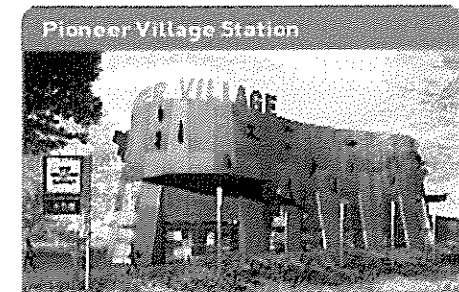
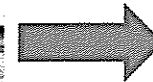
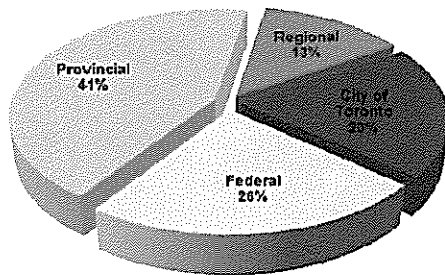
Facilities and terminals

Toronto-York Spadina Subway Extension [TYSSE]



**Spadina Subway
Extension 8.6 km**

**Funding Sources – Total Project Cost
of \$2.6 Billion**



- Mondays 9am–noon and Wednesdays 1pm–5pm, or by appointment**

- VIVANEXT**
construction bulletin

highway 7 west

opening on Highway 7 at Victoria Ave. 4 lanes, two-lane bridge

Temporary 4-lane highway bridge will be built on the east side of Highway 7 west of Victoria Ave. to allow traffic to bypass the bridge under construction.

Construction schedule:

 - Week 1: Mobilization, site preparation, and foundation work.
 - Week 2: Foundation work and bridge piers.
 - Week 3: Bridge deck and approach ramp.
 - Week 4: Final paving and landscaping.

The map shows Highway 7 running horizontally. Victoria Ave. is at the top, and Highway 7 West is at the bottom. The bridge is located between Victoria Ave. and Highway 7 West. The map also shows the location of the bridge under construction and the temporary bridge.

Work status: The bridge is currently closed to traffic. The temporary bridge is open to traffic.

Construction schedule:

 - Week 1: Mobilization, site preparation, and foundation work.
 - Week 2: Foundation work and bridge piers.
 - Week 3: Bridge deck and approach ramp.
 - Week 4: Final paving and landscaping.

Shep7
SHEPHERD

Construction schedule:

 - Week 1: Mobilization, site preparation, and foundation work.
 - Week 2: Foundation work and bridge piers.
 - Week 3: Bridge deck and approach ramp.
 - Week 4: Final paving and landscaping.

Construction schedule:

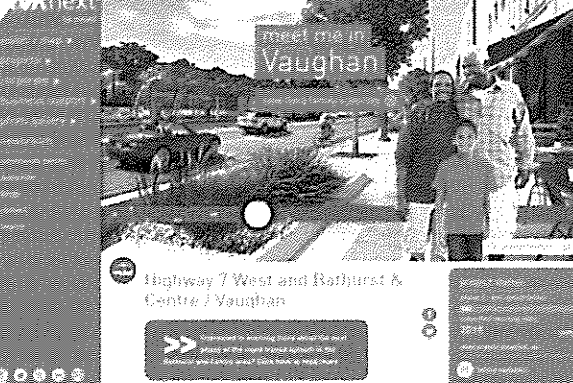
 - Week 1: Mobilization, site preparation, and foundation work.
 - Week 2: Foundation work and bridge piers.
 - Week 3: Bridge deck and approach ramp.
 - Week 4: Final paving and landscaping.



Kristina Bergeron
 phone 905.896.6767 x71051
 cell 905.505.1367
 kristina.bergeron@york.ca



Laura Black
 phone 905.896.6767 x71181
 cell 905.716.7663
 email laura.black@york.ca



next to you

- computer classes
- book clubs
- storytime
- bookended Vaughan
- photo gallery
- community
- children's books
- adults
- events
- more

meet me in
Vaughan

open every family-friendly

Highway 7 West and Bathurst & Centre / Vaughan

X Introduction to reading (and other) fun next steps at the Vaughan branch of the Highway 7 West and Bathurst & Centre library

Library Hours


Day	Hours
Monday	10:00am - 6:00pm
Tuesday	10:00am - 6:00pm
Wednesday	10:00am - 6:00pm
Thursday	10:00am - 6:00pm
Friday	10:00am - 6:00pm
Saturday	10:00am - 6:00pm
Sunday	10:00am - 6:00pm

For more information, visit www.vga.ca

Business Support Program

Business support is a key communications component

- > The Business Support Program in Vaughan was developed in collaboration with Vaughan Chamber of Commerce and Vaughan Business Enterprise Centre.
- > Businesses within the construction zone are offered a variety of tools & resources, complimentary Chamber memberships and profiles on the vivaNext website.
- > The Shop7 business support campaign features: radio, billboards, print, bus-backs and social media.





stop, shop + dine.

Thank you for seeing through the mess of construction and continuing to support our local shops and businesses along Highway 7. If you haven't visited us yet, come and check out what we have in store.

We're open for business and value your support. Businesses offer a wide variety of products and services and staff are ready to help find just what you need. After all, we're your neighbours too - Shop 7!

Shop
We're Open.

  **METROLINX | vivaNext**
A Metro Toronto Council Brand

