

York Region Rapid Transit Corporation

C2
COMMUNICATION
GW (WS) - MAY 8, 2019
ITEM - 1



City of Vaughan
Presentation to Committee of the Whole
May 8, 2019

VIVAnext
be moved

Agenda

Subways

- > Yonge Subway Extension

The vivaNext plan

Facilities and terminals

- > SmartCentres Place VMC Bus Terminal

Bus rapid transit projects in Vaughan

- > This is the year we open for service!
- > What you'll see this summer

Communications

- > Communicating construction impacts
- > Safety is communicated every day
- > Business Support Programs in Vaughan
- > Keeping you informed



Yonge Subway Extension [YSE] Provincial funding announcement

**YONGE
SUBWAY
EXTENSION**
LINE 1



Photo Credit: York Region

New provincial transportation vision unfolds

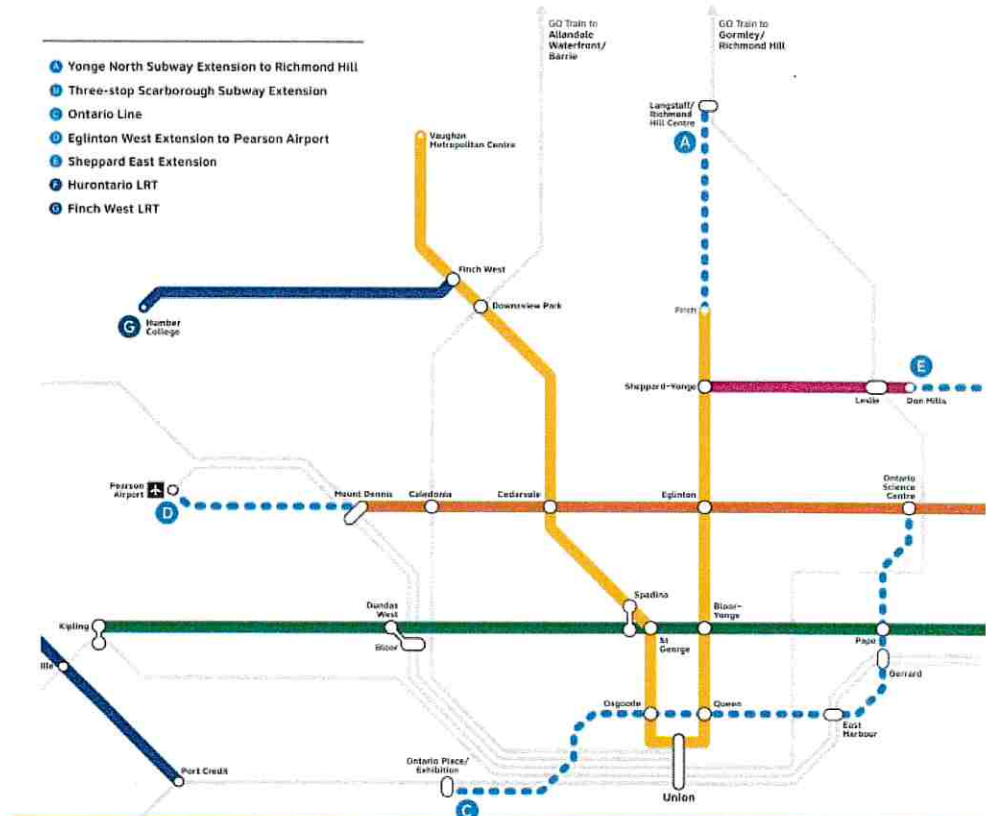
**YONGE
SUBWAY
EXTENSION**
LINE 1

Quick facts

- The four projects will require a combined early projected cost of \$28.5 billion, of which the Province has committed \$11.2 billion
- Discussions on uploading subway infrastructure from the TTC to the Province continue

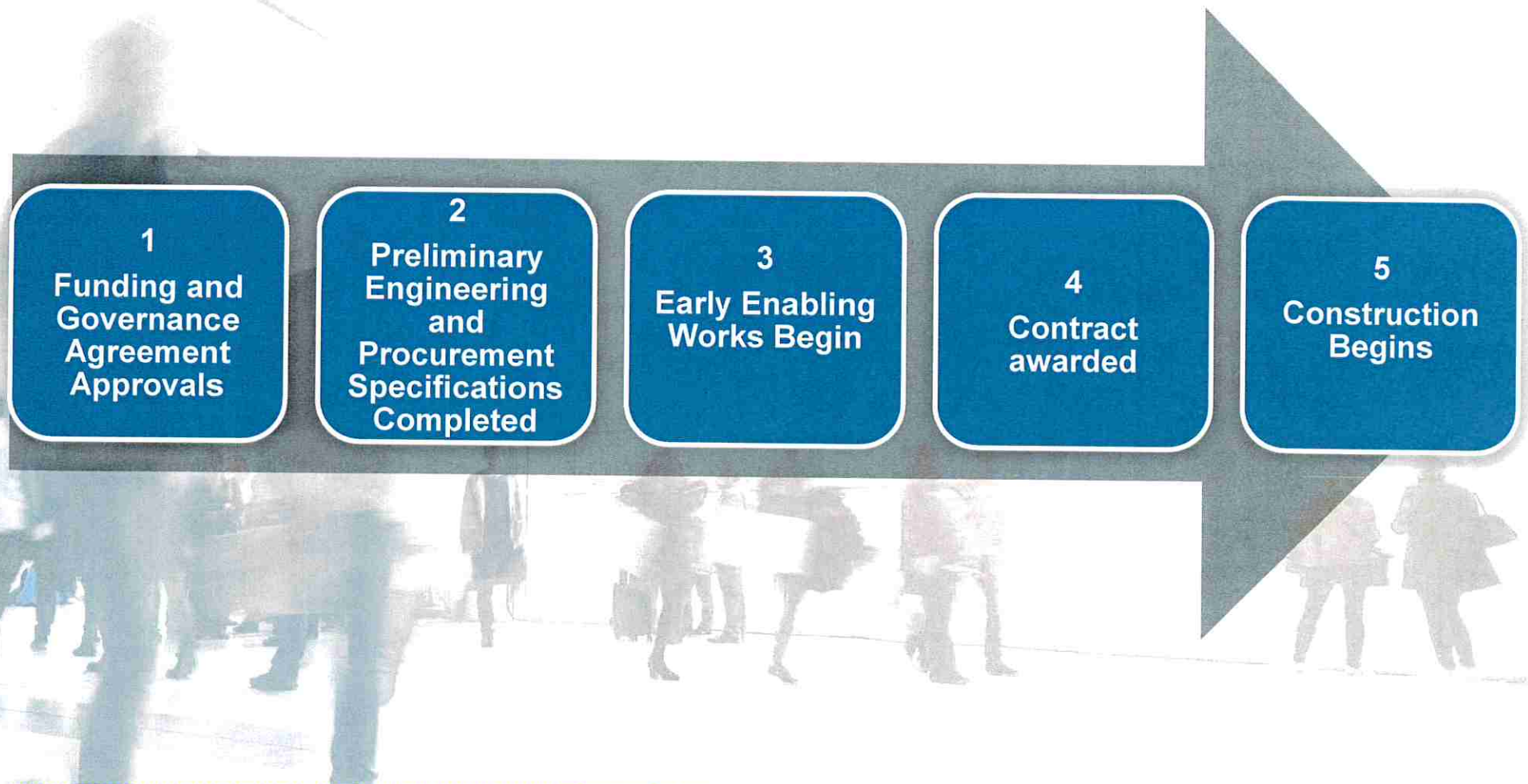
Next steps

- Confirm costs and additional funding sources
- Establish Roles and Responsibilities



Project	Projected Delivery Date
Ontario Line	2027
Yonge Subway Extension	2029
Scarborough Subway Extension	Before 2030
Eglinton Crosstown West Extension	Before 2031

Steps to groundbreaking



Project overview

**YONGE
SUBWAY
EXTENSION**
LINE 1

- The Yonge Subway Extension [YSE] into York Region is a priority project that is moving forward!
- Project features:
 - 7.4 km long
 - Up to six stations
 - Underground train storage
 - Two major bus terminals
 - Park and ride lot for up to 2,000 vehicles
- The preliminary design and engineering phase for the YSE is currently underway and is expected to be completed in 2020



Preliminary Planning, Design and Engineering scope

- The Preliminary Planning Design and Engineering phase is 50% complete and includes the following:



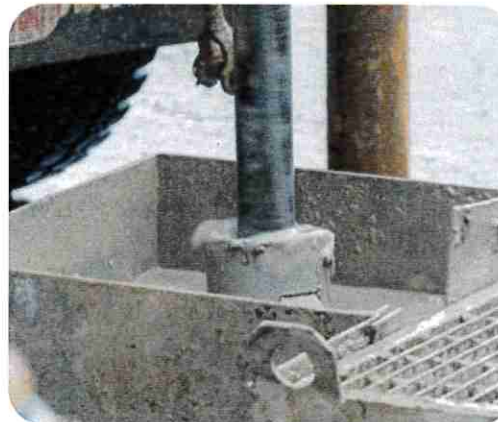
*Schedule subject to change.

- Finalizing the project scope
- 15% - 30% design
- Cost estimate
- Project schedule
- Project procurement options analysis
- Preliminary design business case
- Transit project assessment process amendment



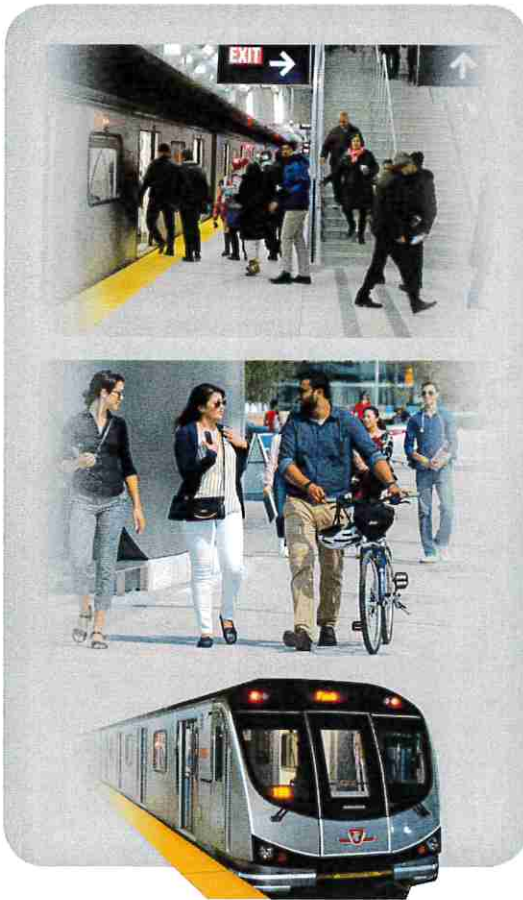
Geotechnical investigations continue from Finch Avenue to Highway 7

**YONGE
SUBWAY
EXTENSION**
LINE 1



Preliminary Design & Engineering update

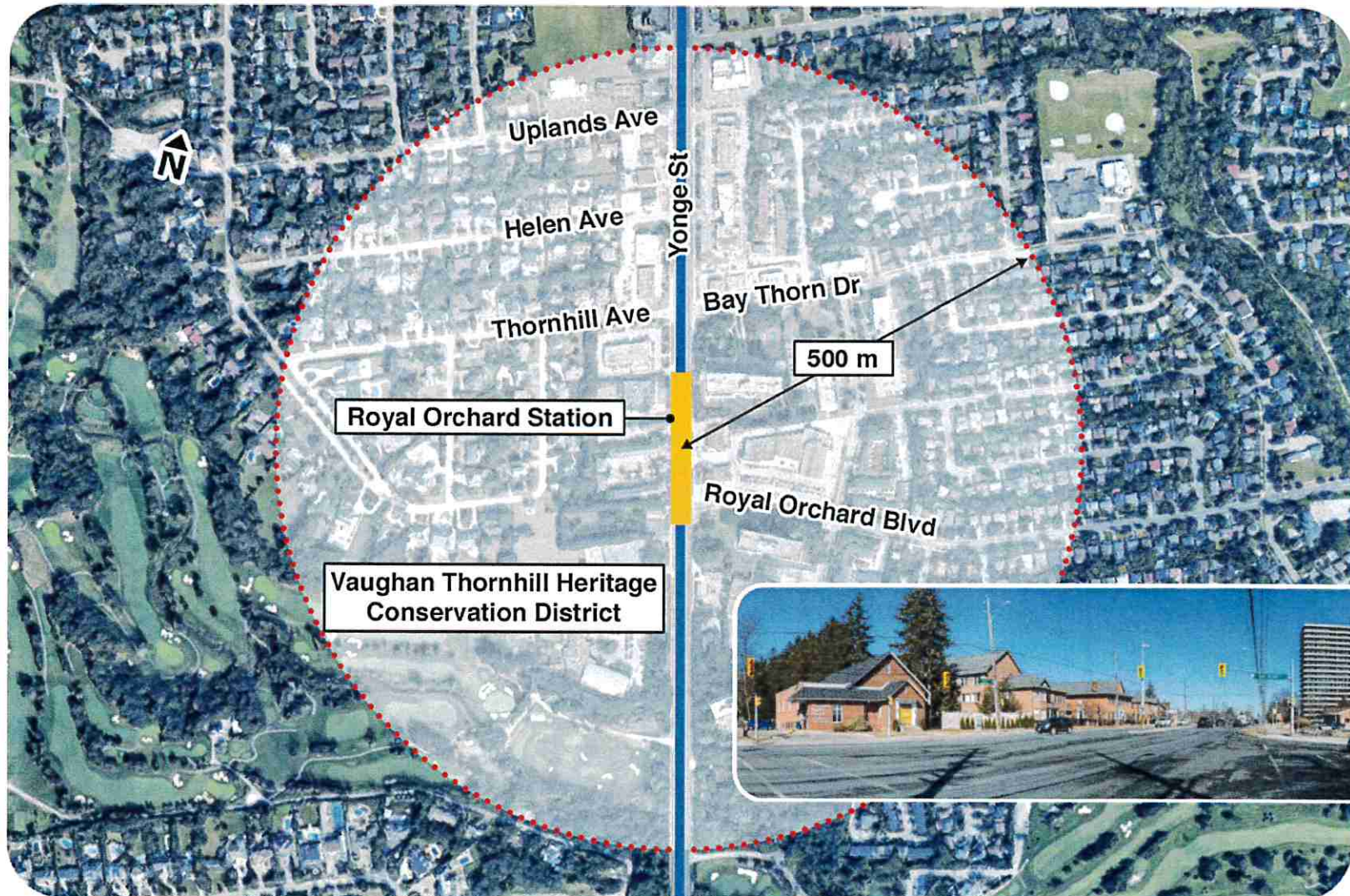
Systems, Tunnels and Stations Design Update



- Initial design work has been submitted, and the review process is beginning
- Stakeholder engagement and consultation initiatives will proceed between Q2 2019 to Q4 2019

Royal Orchard Station

**YONGE
SUBWAY
EXTENSION**
LINE 1



Engaging the community

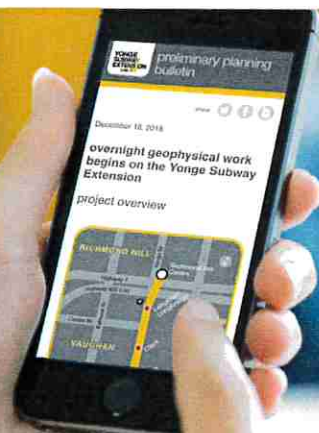
**YONGE
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LINE 1

Richmond Hill

Markham

Vaughan

Toronto



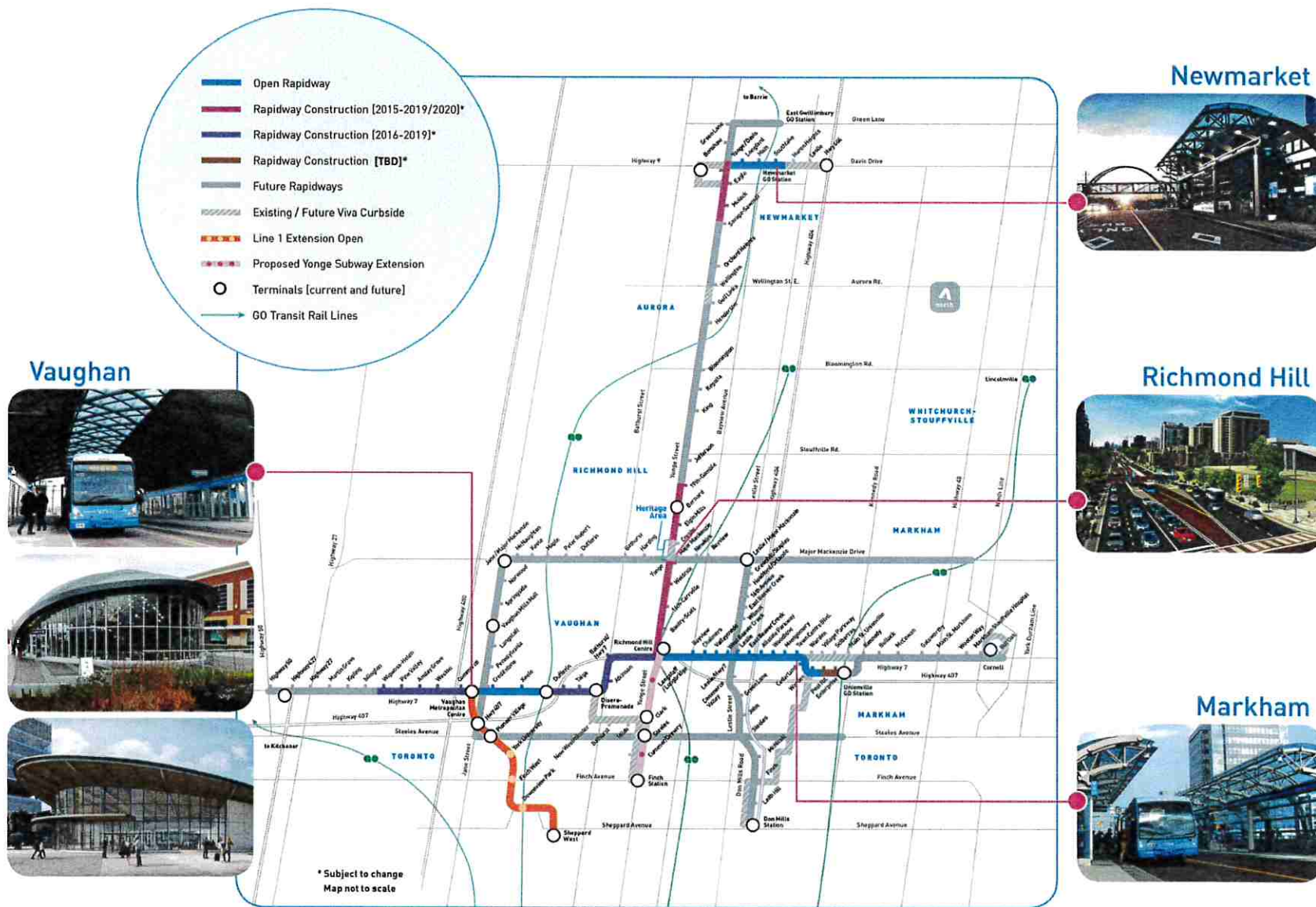
Keeping you informed

**YONGE
SUBWAY
EXTENSION**
LINE 1



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The vivaNext plan



Vaughan Metropolitan Centre >> bus terminal

SmartCentres Place VMC Bus Terminal

- > With crews hard at work, the third element of the VMC transit hub is scheduled to open for service this year.



Ground level interior



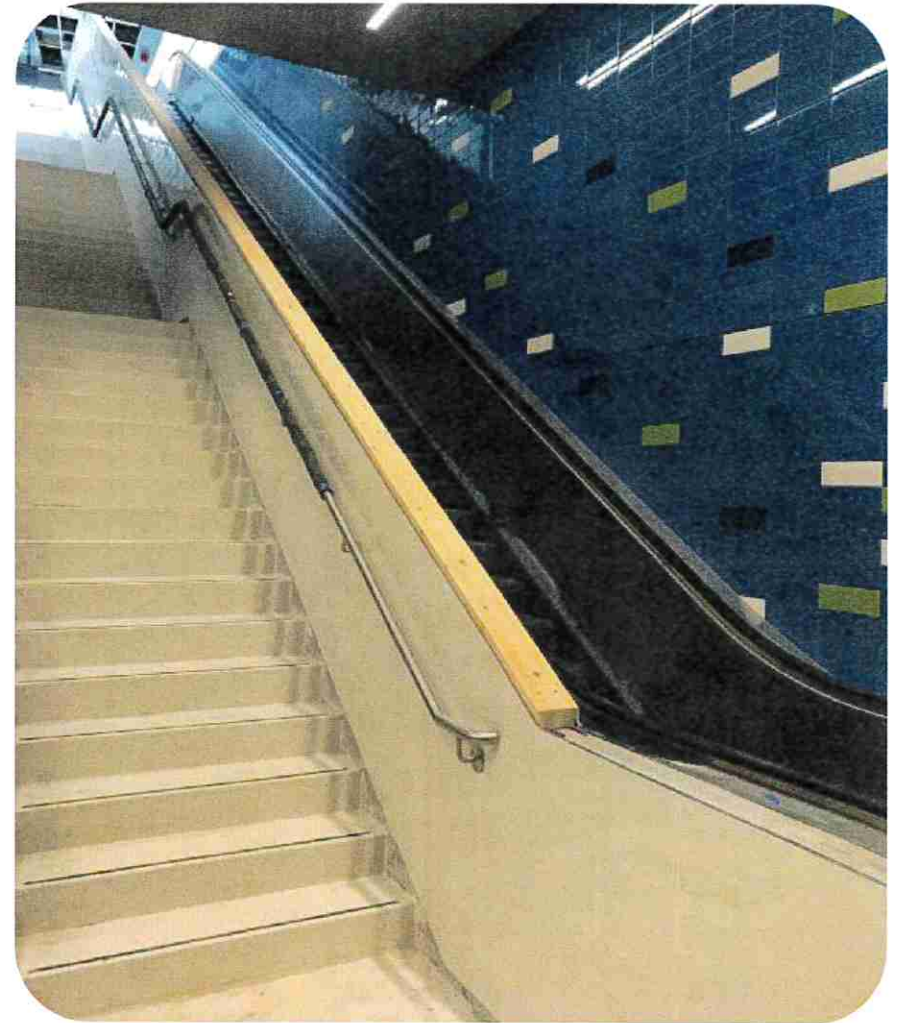
Front entrance



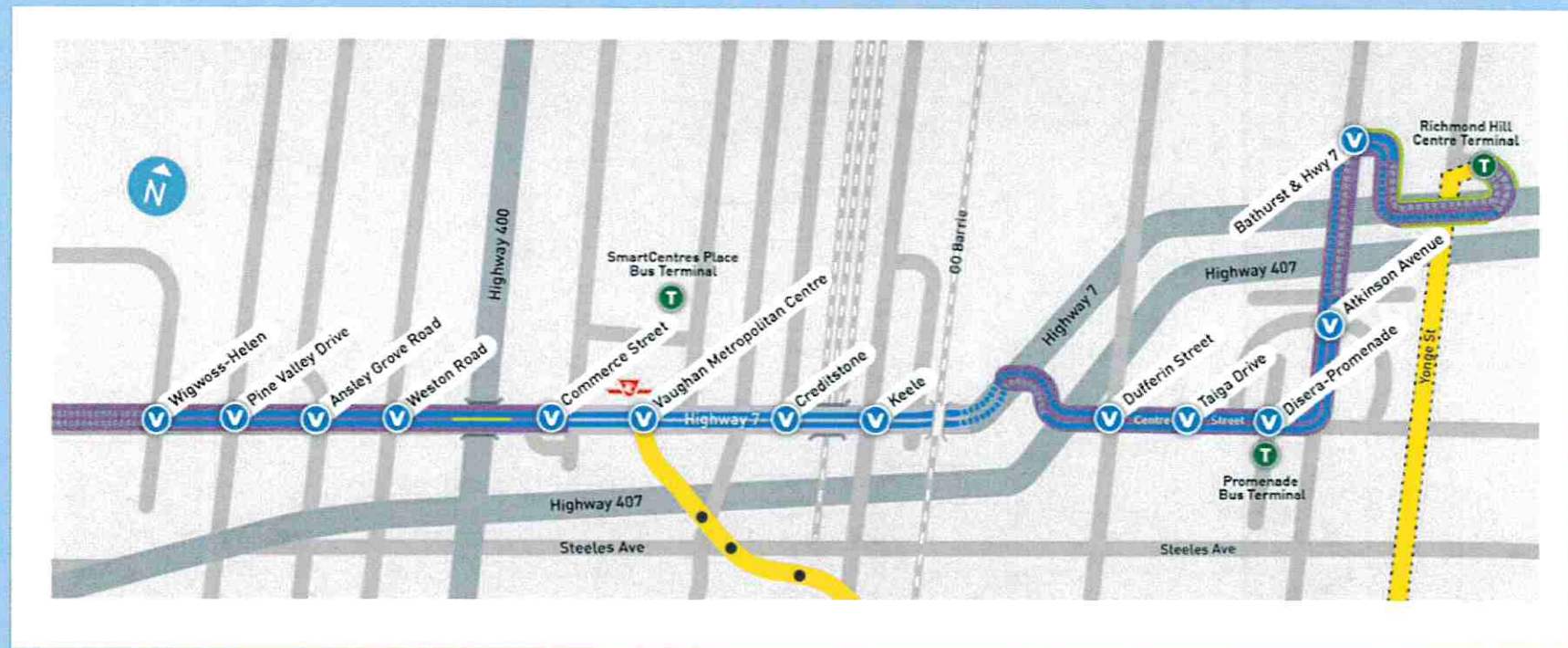
Bus bays

What you'll see this spring and summer

- > Wood painting/staining
- > Final finishes
- > Deficiency repairs
- > Final cleaning
- > YRT preparation for service operation



This is the year the BRT project in Vaughan opens for service!



Bus rapid transit project >> What you'll see this spring and summer

> Raised bike lanes being constructed



Raised bike lane construction underway!



Bike boxes



Raised bike lane concept

Bus rapid transit project >> What you'll see this spring and summer

Multi-use path running between rapidway lanes

- > This protected pathway for pedestrians and cyclists will have signalized intersections for safe crossing and concrete barrier walls



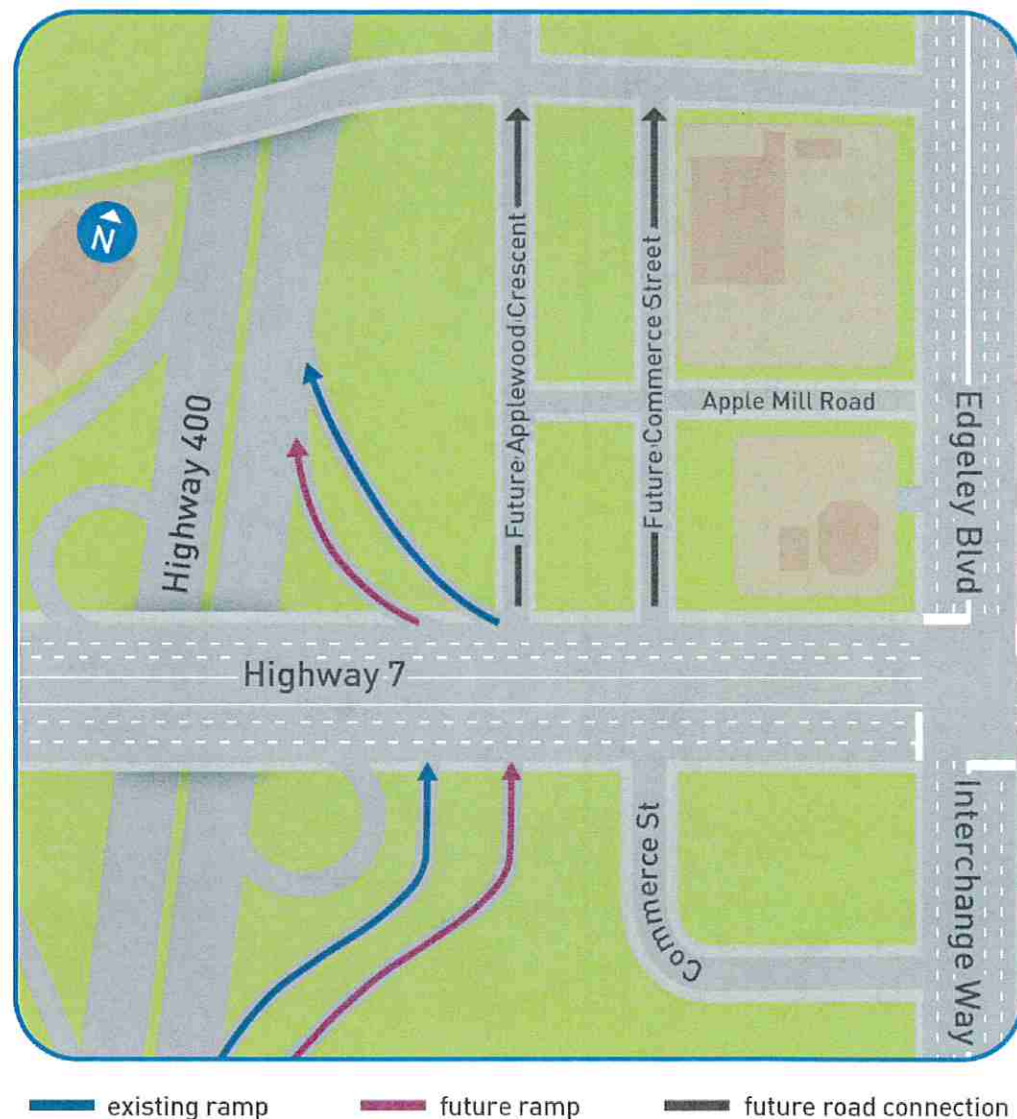
Concept drawing of protected multi-use path between rapidway lanes

Bus rapid transit project >> What you'll see this spring and summer



Ramp realignment

- > Hwy 7–400 ramp realignment to be completed in August
- > Ongoing coordination with Vaughan and MTO
- > Realignment east of Highway 400 to accommodate Applewood Crescent extension
- > Commerce intersection to accommodate road extension



Bus rapid transit project >> What you'll see this spring and summer

Medians, boulevards, sidewalks and planters



Paverstones in 'Galaxy' pattern



Cupolex installation in planter boxes



Median planters under construction



Example of final median planters

Bus rapid transit project >> What you'll see this spring and summer

Paving season is underway



Communicating construction impacts



New web page for impactful work

safety during rapidway construction is crucial

- > Pay attention to posted signs in and around construction zones. Because construction zones change as work progresses, it's especially important for everyone to pay attention to posted signs. Watch for signs and traffic barrels that indicate lane closures and shifts, as well as relocated sidewalks and bus stops.

- > Cross at the designated crossing point. If you must cross a road, but this can be avoided, both ways and be aware of the traffic.
- > Obey the posted speed limits. If you are a driver and pedestrian, it's crucial to pay close attention to the posted speed limits.

crews dedicated to minimize disruption where possible

- > Limit the reversing of vehicles with back-up safety beeper.
- > Aim headlights away from buildings and homes.
- > Reduce the banging noise from dump truck tailgates.
- > Set up portable lights in a way that limits upcasting onto buildings.
- > Ensure equipment is well maintained and running well.
- > Limit the reversing of vehicles with back-up safety beeper.

Special messages on bulletins

VIVAnext construction season update for 2019 Highway 7 West and Bathurst & Centre

>> It's time for a look-ahead at what's coming up as we move into the final year of major construction on Highway 7 West and Bathurst & Centre in Vaughan. The rapidway is scheduled to open for service by the end of 2019, so, in short: **It's going to be busy!**

- Vivastation construction will continue at all ten Vaughan vivastations – Bathurst & Highway 7, Atkinson, Disera-Promenade, Taiga, Dufferin, Commerce, Weston, Ansley Grove, Pine Valley and Wigwoss-Helen.
- Medians, planter boxes for trees and greenery, and construction of new, wider sidewalks throughout the corridor.
- Final paving of black asphalt, and paving the red asphalt in the centre bus rapidway lanes and intersections.
- Switching the temporary traffic signal equipment to their permanent configuration, plus the installation and activation of new streetlights.
- The Multi-Use Path will be constructed on Highway 7 West on the expanded bridge over Highway 400.
- Planting trees and greenery begins this year in some areas and will continue into next year [due to the short planting window].

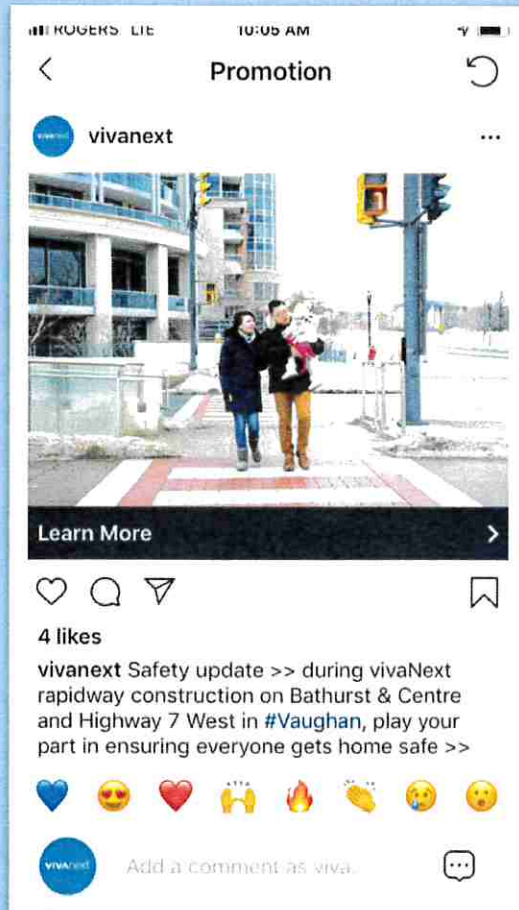
>> things to be aware of:

- While we aim to balance the needs of commuters, businesses, area residents, the community at large and the project, overnight and road closures are sometimes unavoidable.
- Ahead of planned road closures, construction signage will be in place to notify residents and drivers of the upcoming work.
- Variable messaging signs will also be updated with work activity and road closure information.
- We understand that this type of work is disruptive to those who live and work in the area, and crews take steps to reduce the impacts where possible.

continued →

Notice hand-delivered to 1,700 households


Safety is communicated every single day



Supporting businesses during construction



stop, shop + dine.



Shop 7
We're Open.

Shop Bathurst & Centre
We're Open.

We'd like to thank all the people who continue to support our local shops and businesses along Highway 7 and Bathurst & Centre in Vaughan during construction. If you haven't visited us lately, we can help you find just what you're looking for. After all, we're your neighbours too—Shop 7! Shop Bathurst & Centre!

Business support program

- > Developed in collaboration with Vaughan Chamber of Commerce
- > Supported by Vaughan Business Enterprise Centre
- > Campaigns include:
Newspaper,
Complimentary Chamber memberships,
billboards,
website,
social media,
and business profiles on vivanext.com

Community Liaisons >> keeping you informed >> engaged with the community



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>> It's going to be busy, so we want to help you stay informed

Our vehicles are blue, but we think green – and we're cutting down on the number of paper notices we will be delivering to residents. Coping with construction is a lot easier when you know what to expect, where to expect it, and for how long. The best ways to stay informed are to:



- Subscribe to electronic construction updates at vivanext.com/subscribe.
- Check our website regarding paving, road closures, overnight work at vivanext.com/vaughanimpacts.
- Watch for construction signage that will be in place to notify drivers and residents of upcoming work.
- Follow us on our social media platforms:

 twitter.com/vivanext

 facebook.com/vivanext

 instagram.com/vivanext

 youtube.com/vivaNext



be moved

