Vaughan Committee of the Whole - Project Update

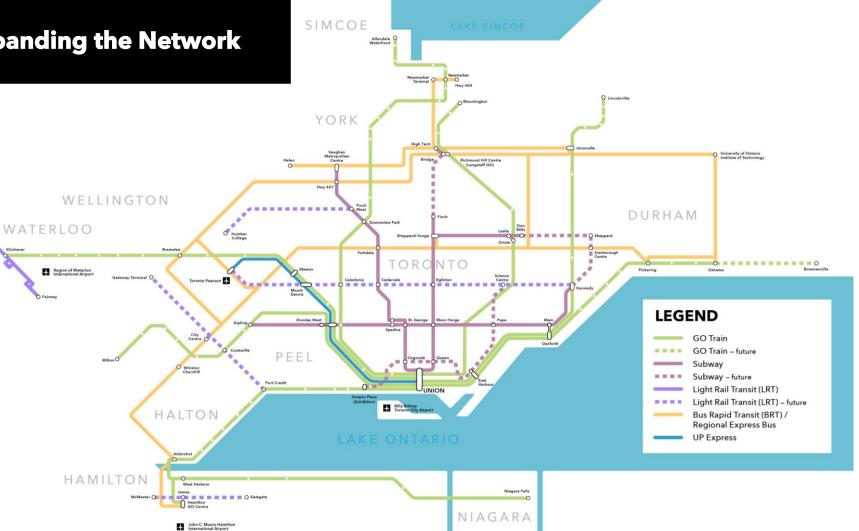


February 8, 2022



Expanding the Network

O Fairway



Subways are Happening

Eglinton Crosstown West Extension

7 stops, 9.2 km

Recent

milestones

Upcoming

milestones

Ontario	Line
Ontanie	

15 stops, 15.6 km

 Excavation of tunnel launch site and arrival of TBMs 	Recent milestones	 Last of five early works EA reports finalized
 Identifying teams to build the tunnel and elevated section Tunnelling to start this spring 	Upcoming milestones	 Early works to begin in shared rail corridor Execution for two major contracts; RFQ for last major contract to be issued

Scarborough Subway Extension

3 stops, 7.8 km

Recent	 Excavation of tunnel launch
milestones	site and arrival of TBMs
Upcoming milestones	 Procurement for stations, rail and systems contract will wrap this year Tunnelling to start later this year

Scarborough Subway Extension Tunnel Launch Site

N

A Much-Needed Subway Extension

1994 : York Region identifies the extension in Official Plan

2009 : York Region and City of Toronto complete first Environmental Project Report for the extension from Finch Station to Richmond Hill Centre

2010/2011: Cities of Markham, Richmond Hill and Vaughan adopt secondary plans for intensification that requires the extension to support planned growth

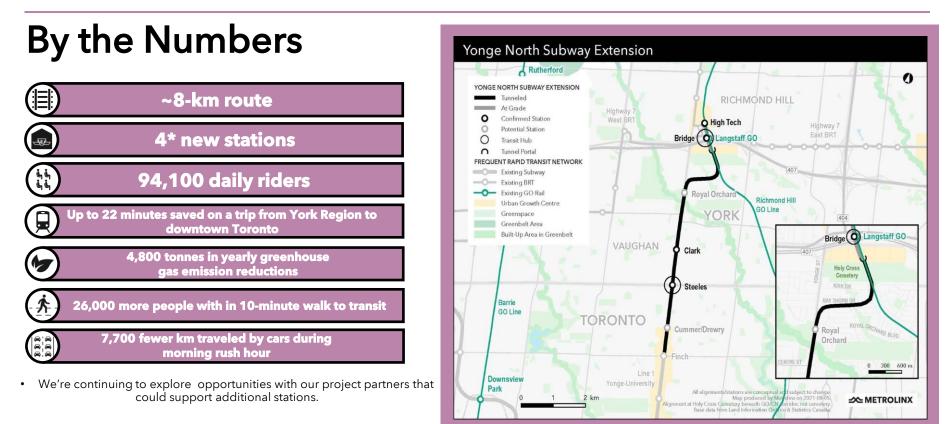
2014: York Region and City of Toronto complete addendum to the 2009 Environmental Project Report to include a train storage facility

2018: York Region and City of Toronto, supported by Metrolinx, initiate preliminary design and engineering

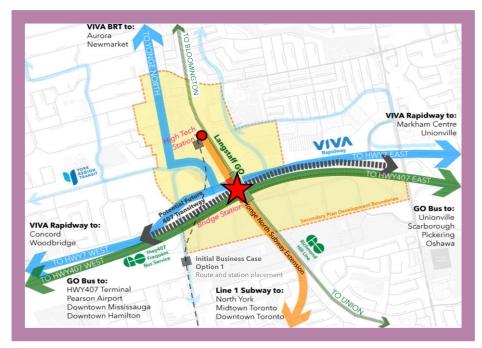
2021: Metrolinx releases initial business case for the extension and adjustments to the route in response to community concerns

2022: Metrolinx releases Environmental Project Report Addendum Report assessing changes since the completion of the 2009 and 2014 studies





A Launchpad to Explore the Region



A new transit hub at Bridge Station will open up new travel possibilities in York Region and beyond.

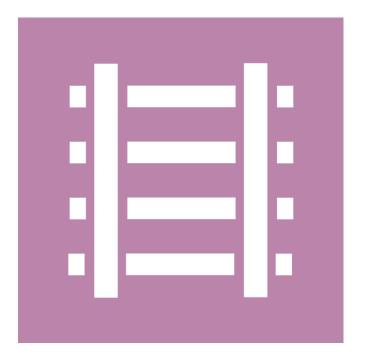
- Brings **convenient transit access** to the heart of the Richmond Hill Centre and Langstaff Gateway development areas
- Places stations closer to where people will live and work making walking and cycling to the stations a viable option
- Offers **fast and convenient transfers** to as many as **five** existing and future regional transit lines:



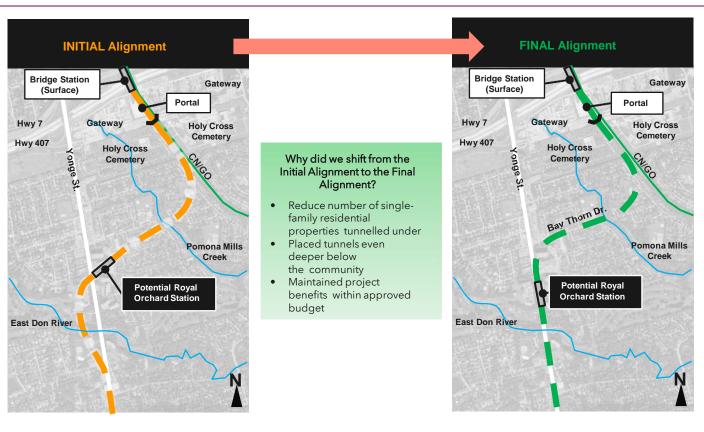
The Final Alignment

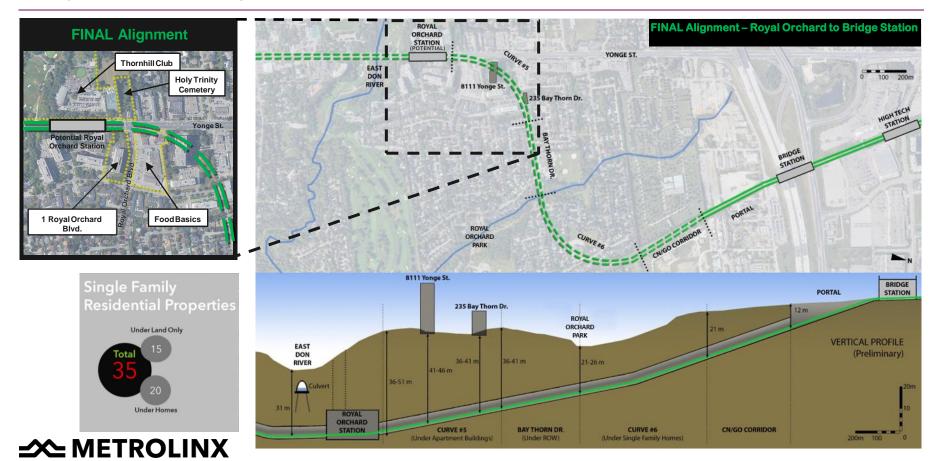
We've adjusted the route of the Yonge North Subway Extension through the Royal Orchard community to travel deeper and under fewer single-family homes.

- The route will travel under Bay Thorn Drive instead of directly under single-family homes, wherever possible.
- In the shallowest section of tunnels that will run below singlefamily homes and a local school, our current designs have the bottoms of the tunnels at a minimum depth of 21metres (19.5 metres to where the train wheels interact with the tracks).



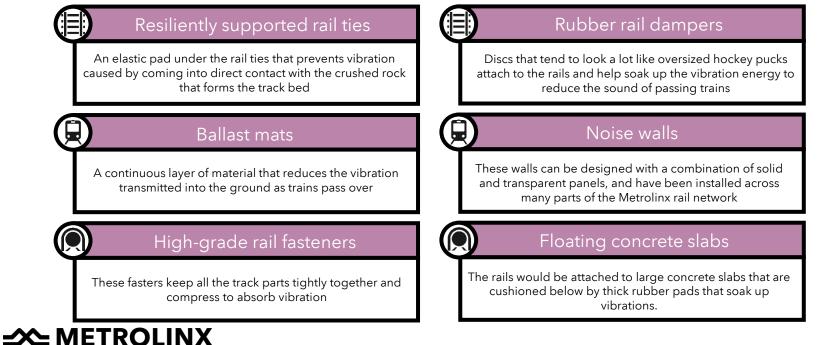
Alignment Update - Overview





Noise and Vibration Effects Will be Mitigated

We will work with communities to ensure a comprehensive array of solutions are in place to address noise or vibration concerns. These solutions can include, but are not limited, to:



Noise and Vibration Studies Complete

Study results indicate that noise and vibration will be at or lower than applicable thresholds at all locations near the project.

For example, in the Royal Orchard community with solutions such as floating slab track in place:

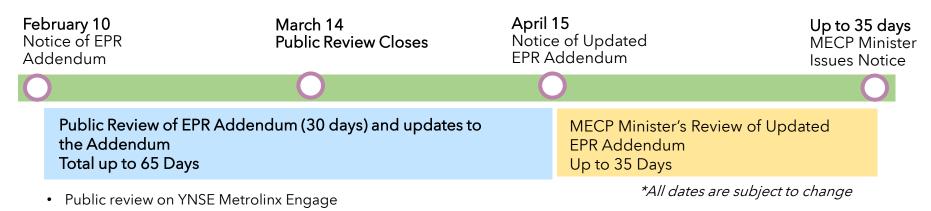
- ground-borne noise levels are predicted to be no higher than the sound of background noise in a broadcast studio;
- ground-borne vibration levels are predicted to be below the threshold of what the average person can feel.





Examples of Floating Slab Track

Environmental Project Report Addendum Review



- Virtual open houses will be hosted through February and March
- Public can also email questions to <u>YongeSubwayExt@metrolinx.com</u>

Ongoing Public Engagement and Stakeholder Outreach

- 30,000 homes received project postcard. Second postcard in distribution.
- Royal Orchard Community Liaison Committee established with on the ground community presence
- Participated in Vaughan Yonge Steeles Centre Working Group, hosted by Councillor Shefman
- Keep York Moving meeting on Clark Station planning
- **7 virtual open house meetings** with 2633 attendees and 1577 questions answered
- 1500 notification flyers distributed, 23 stakeholder briefings, 36 elected official briefings, 15 eNews, biweekly meetings with Communications Working Group (municipal staff), community walks and canvassing.
- 8 Council presentations
- Open letter from CEO Phil Verster to the Royal Orchard community
- **Community Office** for project staff to be in the community and available to share information and answer questions
- Noise and Vibration Mitigation Experiential Program with local subway tours, scale model demonstration of train and track vibration reduction, sound lab experience of existing and projected sound levels when the subway is in operation







Community Benefits/Supports in Every Subway Project

Employment Opportunities

Description: Promoting apprenticeship training and workforce development opportunities to local communities.

Local Business Supports

Description: Building and fostering relationships with local businesses to minimize and alleviate business disruptions as a result of construction impacts. Community Benefits Program - Ontario Line examples



Public Realm Improvements

Description: Where construction as a result of the project creates a temporary disruption, we find ways to improve and leave the surroundings in an improved state.

Supporting Community Improvements

Description: Support municipalities and communities to maximize benefits possible from new transit investment/infrastructure, outside of public realm improvements.

Community Support Program Eglinton Crosstown LRT

As of December 2021, included:

- 455 placements, including professional, administrative, and technical hires and apprentices and journey persons.
- Over \$8 million spent in support of local business and social procurement.



