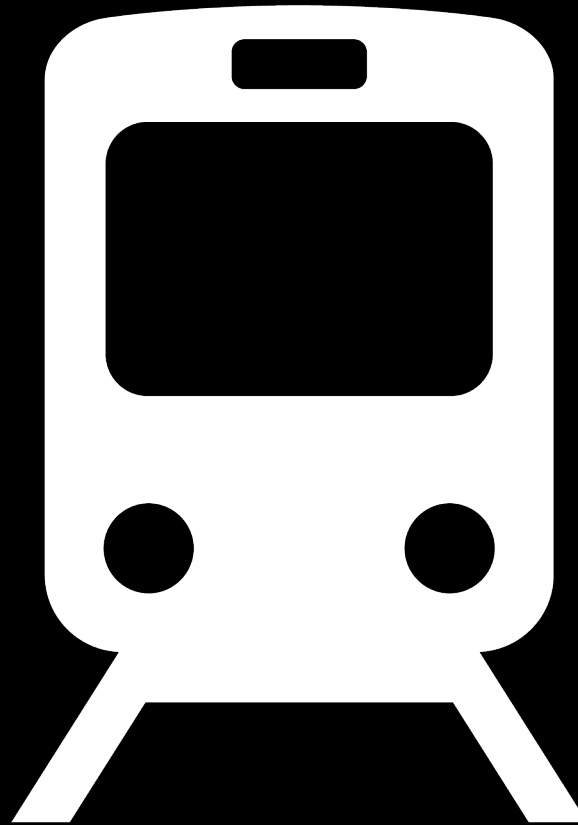


WELCOME



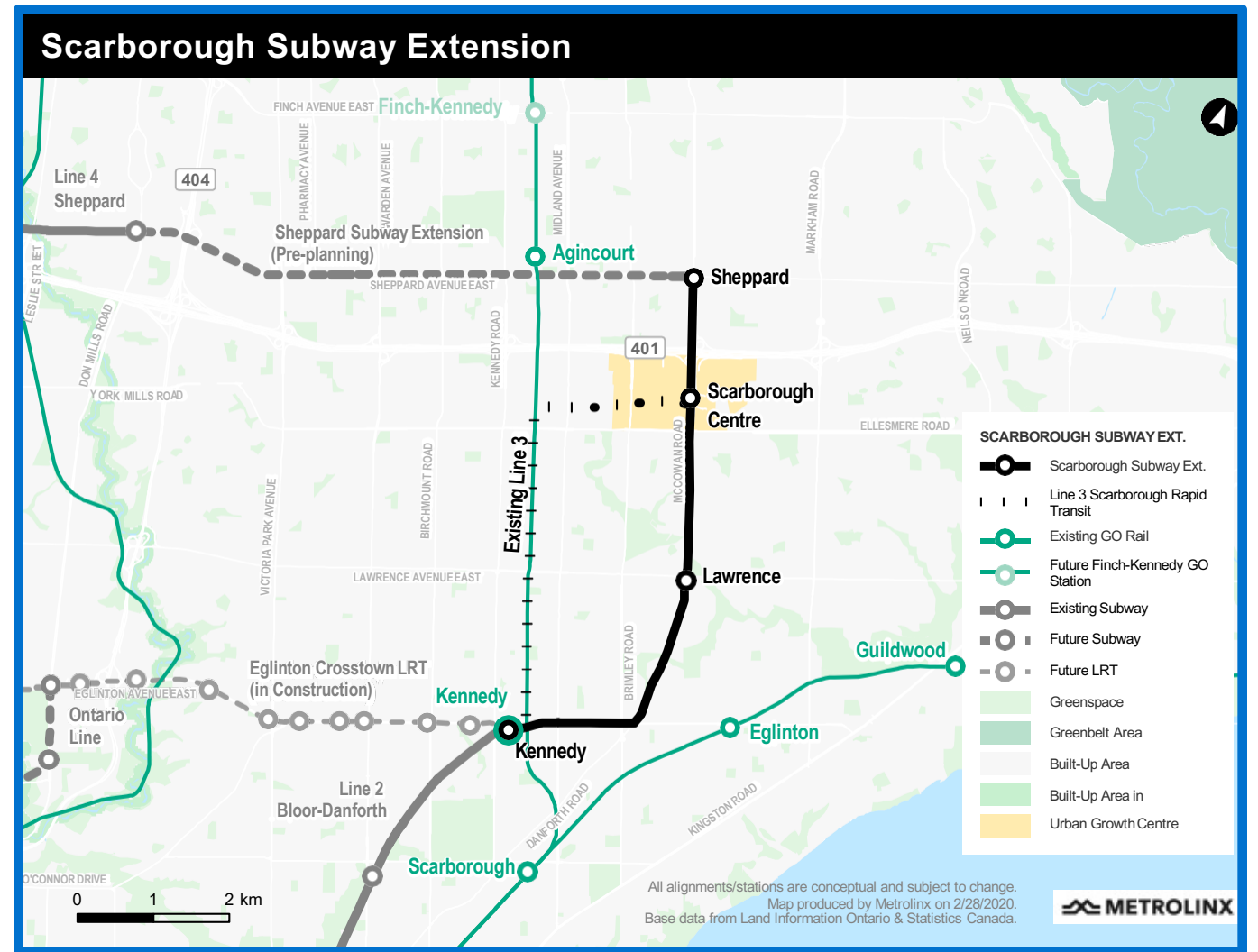
SCARBOROUGH SUBWAY EXTENSION

VIRTUAL OPEN HOUSE

Scarborough Subway Extension

The Scarborough Subway Extension will provide seamless travel between Scarborough and the downtown core. It will improve access to transit for area residents, reduce daily travel times for commuters and also create job opportunities.

Number of proposed stations	3	
Proposed station locations	<ul style="list-style-type: none"> • Lawrence Avenue and McCowan Road • Scarborough Centre • Sheppard Avenue and McCowan Road 	
Connections to transit	Stouffville GO	at Kennedy Station
	Future Durham Region Bus Rapid Transit	at Scarborough Centre Station
	Future Eglinton Crosstown LRT	at Kennedy Station
	Various bus connections	at all stations
Approximate length	7.8 km	
Anticipated boardings	105,000 daily boardings	
Access to transit	38,000 more people within walking distance to transit	
Access to jobs	More than 34,000 jobs within a 10-minute walk from a new Scarborough Subway Extension station	
Anticipated capital costs	Approximately \$5.5 billion	
Targeted in-service date	2029 - 2030	



What's New?

- On May 25, Metrolinx and Infrastructure Ontario awarded Strabag the contract to design and build the tunnel for the Scarborough Subway Extension.
- Initially identified as the First Negotiations Proponent in April, Strabag has been active at the site of the launch shaft, where demolitions began a few weeks ago
- Last year, we refined our construction approach from two launch shafts to one to reduce impacts to the community.
- Since early 2020, Metrolinx has completed over 120 geotechnical investigations to gather data about soil and water conditions.
- Preparatory works continue along the project route as teams relocate utilities and complete surveys.

Strabag

Applicant Lead: Strabag AG

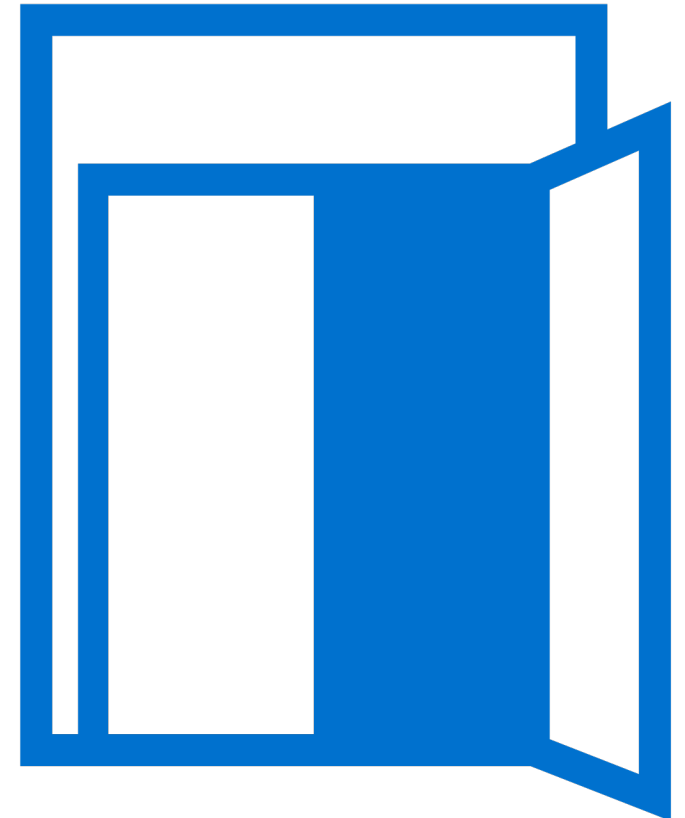
Construction Team: Strabag Inc.

Design Team: Arup Canada Inc., Brian Isherwood & Associates Ltd.

Financial Advisor: Strabag Inc.

Public Consultation Overview

- Ongoing public consultation is planned throughout the construction process.
- To date, we have completed two public meetings and three Virtual Open House events to provide an overview of the findings of the Business Case and the latest plans for the project.
- We will also be launching focus groups with community members and our project team called Community Liaison Committees.
- As part of the engagement process, we aim to begin consulting on specific items, including:
 - Traffic and traffic management plans
 - Construction mitigation plans




Over the last few months, we've heard from nearby residents on Wetherby Drive, Carslake Crescent, and Lynnbrooke Drive in the communities of North Bendale and Eglinton East; elected officials and community groups along the corridor. We welcome these discussions and the feedback we get from them as we move forward with our work. Please reach out to us if you would like to start a discussion for you and your neighbours.



Minimize the construction impacts



Ensure accommodations for pedestrians and cyclists



Mitigate noise and vibrations during service operations



Seek input for the design features at stations



Protect mature trees as much as possible and replant new ones early



Protect the West Highland Creek and ecosystem around it

Construction Overview

Two Contracts:

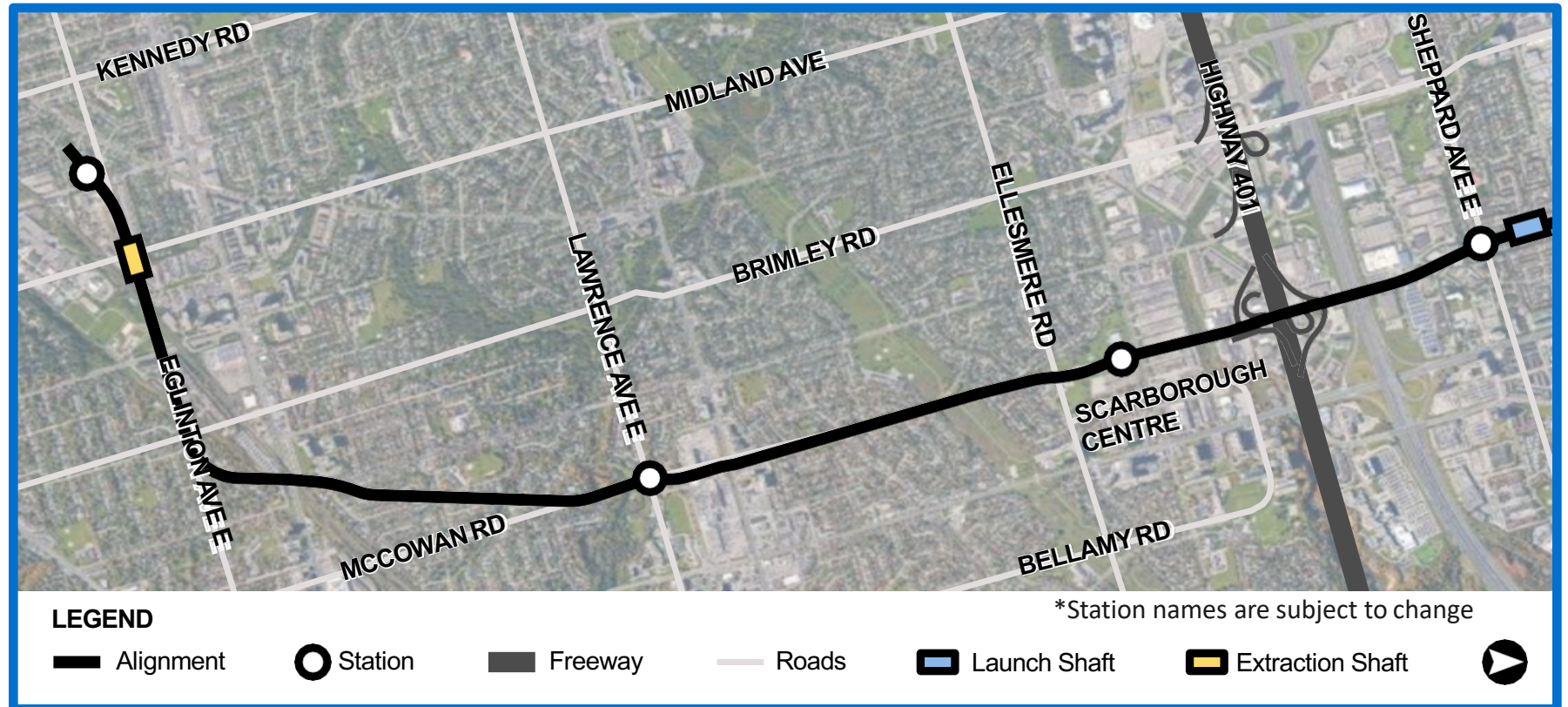
- Advance Tunnel
- Station, Rail and Systems

Launch Shaft - Northeast corner of Sheppard Avenue East and McCowan Road

Extraction Shaft – Northeast corner of Eglinton Avenue East and Midland Avenue

In advance of the construction of permanent structures, headwalls will be built during the first construction contract for:

- Stations at Lawrence Avenue and Scarborough Centre
- Eight emergency exit buildings
- Launch and extraction shafts



A separate procurement will be issued by Metrolinx and Infrastructure Ontario later this year for a contractor that will design and build the stations, fit out the tunnel and install and commission the systems to put the subway in service.

Launch Shaft Site Mobilization

The first step toward building the extension involves creating an entry point for the equipment that will dig the new subway tunnel – the launch shaft for the tunnel boring machine (TBM).

Crews are now on the ground, preparing that launch shaft site. This month, the buildings were fully cleared away, and crews will soon complete grading the site, which involves making sure the ground is level and safe before excavation can begin.



Getting Ready for Boring Machine

On May 25, Infrastructure Ontario and Metrolinx awarded the contract to Strabag to design, build and finance the tunnels for the project between east of Kennedy Station to just north of McCowan and Sheppard Avenue.

Construction for the TBM launch shaft will begin this summer and the TBM is expected to begin tunneling in spring 2022.



(2016)Launch shaft for Crosstown LRT TBMs



Eglinton Crosstown LRT tunnel boring machine extraction near Eglinton Ave. and Yonge St.

Tunnel Boring Machine

The TBM will operate up to 35 metres underground, 24 hours a day, seven days week, and travel approximately 10 metres per day.



Crosstown LRT tunnel boring machines

The TBM will move forward with the help of precast segment tunnel liners that are placed on the tunnel walls as it drives through. The TBM will propel itself forward by pushing against the liners.



Crosstown LRT precast tunnel liners

Noise and vibration mitigation during operations

The SSE will take advantage of the latest technology and will be designed to stay within regulated noise and vibration standards.

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

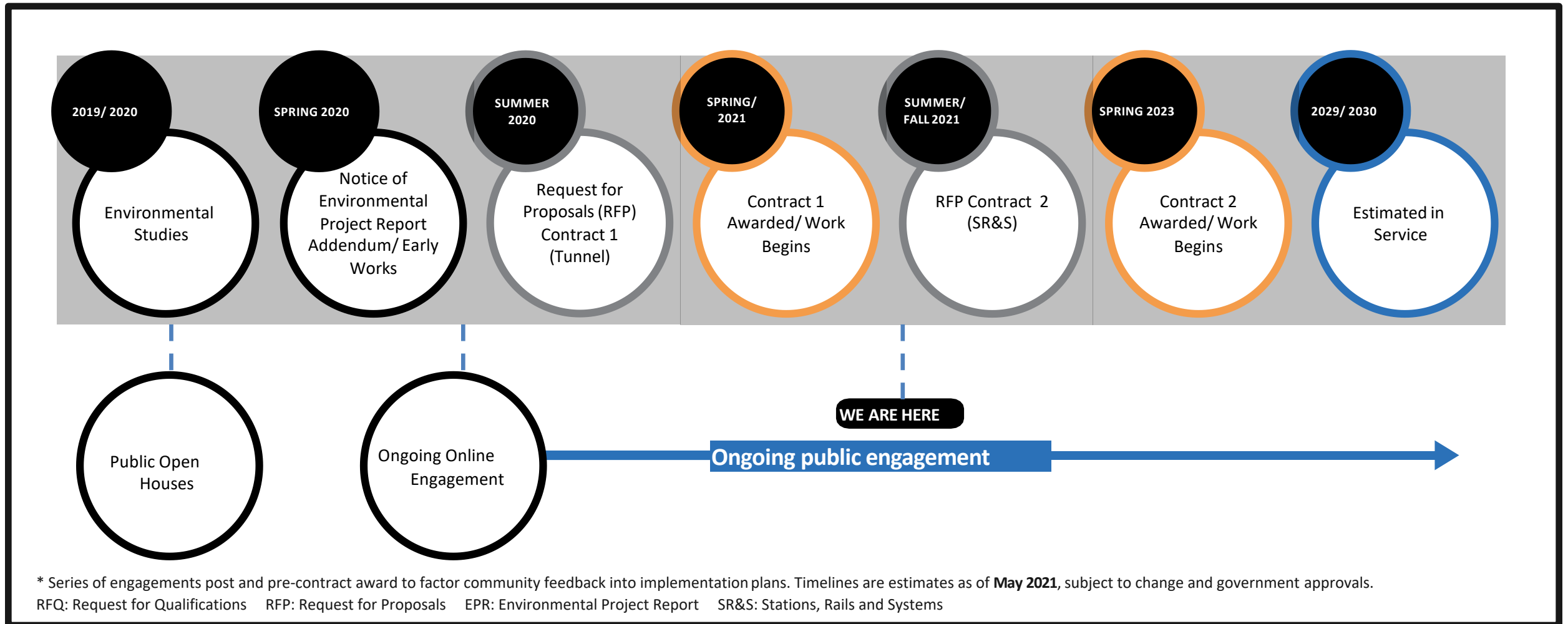
- **Resiliently supported rail ties** - have an elastic pad under them to prevent direct contact with the track bed;
- **High-grade rail fasteners** - keep all the track parts tightly together and compress to absorb vibration; and
- **Rubber rail dampers** - attach to the rails and help soak up the vibration energy to reduce the sound of passing trains.

We will work with the community to ensure we use the right combination of tools for the SSE.



Timeline

The three-stop extension will better serve Scarborough and the City of Toronto as a whole. The project timeline is outlined below.



Community Engagement

Thank you for participating!

We appreciate the time you have taken to learn more about the project and we value your opinions. We will be providing more opportunities to engage with the project team on a regular basis through community liaison committees, townhalls, and walking tours. Please provide your feedback or submit your questions through the feedback form available on [Metrolinx Engage](#).

Stay Involved with the Scarborough Subway Extension.

Join our mailing list to stay informed on engagement opportunities and updates from Metrolinx.

- Email us at TorontoEast@metrolinx.com
- Call us at 416-202-3900
- Visit our website: www.metrolinx.com/scarboroughsubway
- Participate Online: www.metrolinxengage.com

Sign-up for Updates

Visit our website for the latest news and to sign up to our weekly newsletter . You can unsubscribe at any time.

