

Welcome

Scarborough Subway Extension

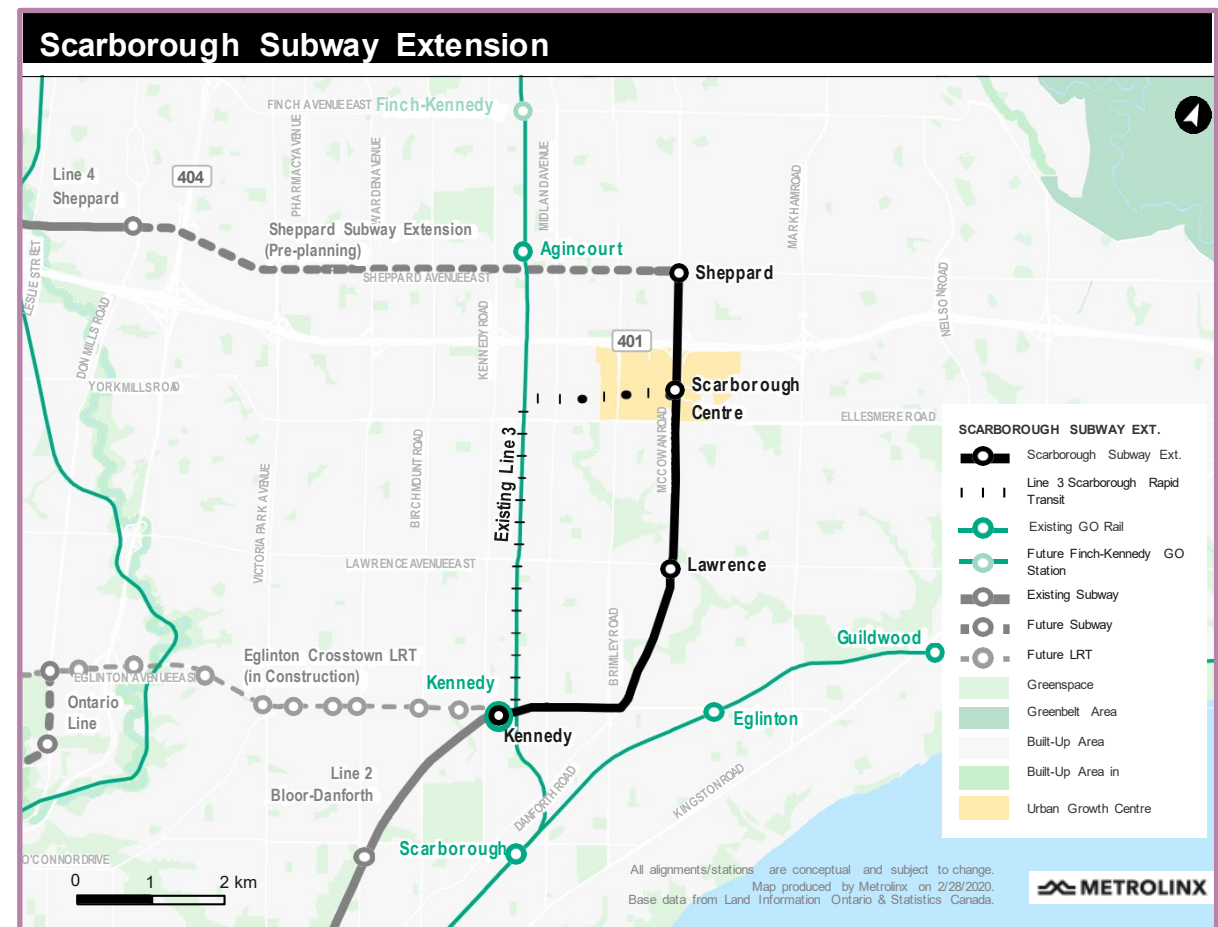
Open House

December 11, 2022

SSE PROJECT OVERVIEW

Number of Stations	3
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 stop
Anticipated Capital Costs	Approximately \$5.5 billion
Targeted In-Service Dates	2029-2030

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.



SHEPPARD & McCOWAN STATION

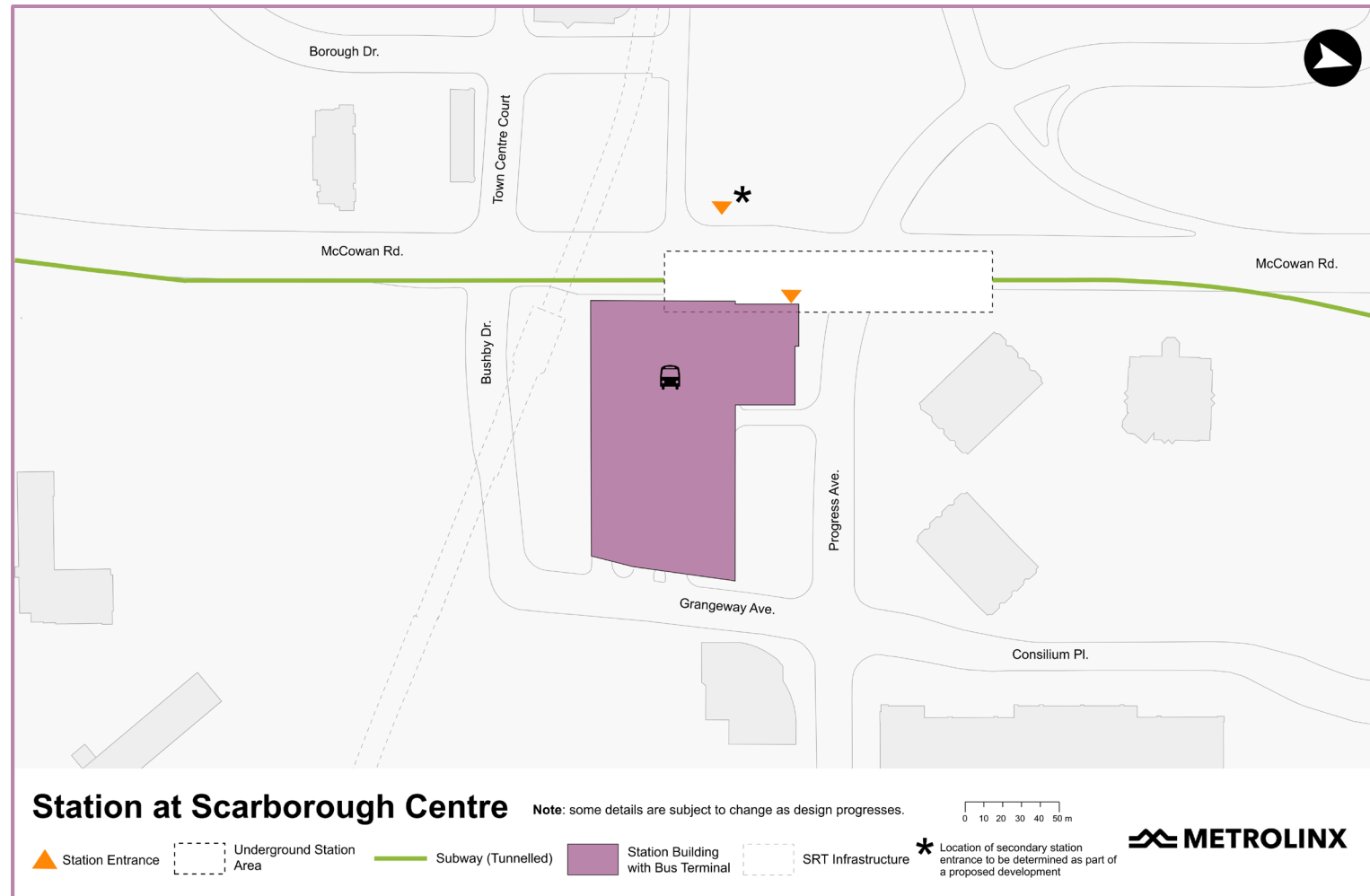


Station Facts*

- **13,230** customers expected to use the station during busiest hour
- **12,000** transfers expected during busiest hour
- **5,995** jobs expected in the area

* Forecasted for 2041 with the assumption of the proposed Line 4.

SCARBOROUGH CENTRE STATION



Station Facts*

- **10,220** customers expected to use the station during busiest hour
- **7,340** transfers expected during busiest hour
- **25,980** jobs expected in the area

* Forecasted for 2041 with the assumption of the proposed Line 4.

LAWRENCE & McCOWAN STATION



Station Facts*

- **5,290** customers expected to use the station during busiest hour
- **4,480** transfers expected during busiest hour
- **3,470** jobs expected in the area

* Forecasted for 2041 with the assumption of the proposed Line 4.

TUNNEL BORING MACHINE LAUNCH SHAFT SITE



TUNNEL BORING MACHINE LAUNCH SHAFT

- Launch Shaft for Tunnel Boring Machine (TBM) located at Sheppard Avenue and McCowan Road.
- Three main parts of TBM lowered into launch shaft.
- “Muck Pit” for excavated material under construction.
- Additional gate on east side of Sheppard Avenue being constructed.



HEADWALL CONSTRUCTION



- Small construction crews will be working at each headwall location
- Activities will include setting up and securing the site, protecting trees, relocating utilities and drilling concrete piles
- Once complete, the area will be restored to its previous condition.
- Noise and vibration from construction is expected. Every effort will be made to mitigate impacts.

HEADWALL CONSTRUCTION

- A crucial part of the tunnel building process is the installation of headwalls.
- Headwalls are underground support structures that create the frame for stations and emergency exit buildings (EEBs).
- Headwalls must be built prior to the TBM drilling underground.
- 19 Headwalls (5 stations, 14 EEB's)

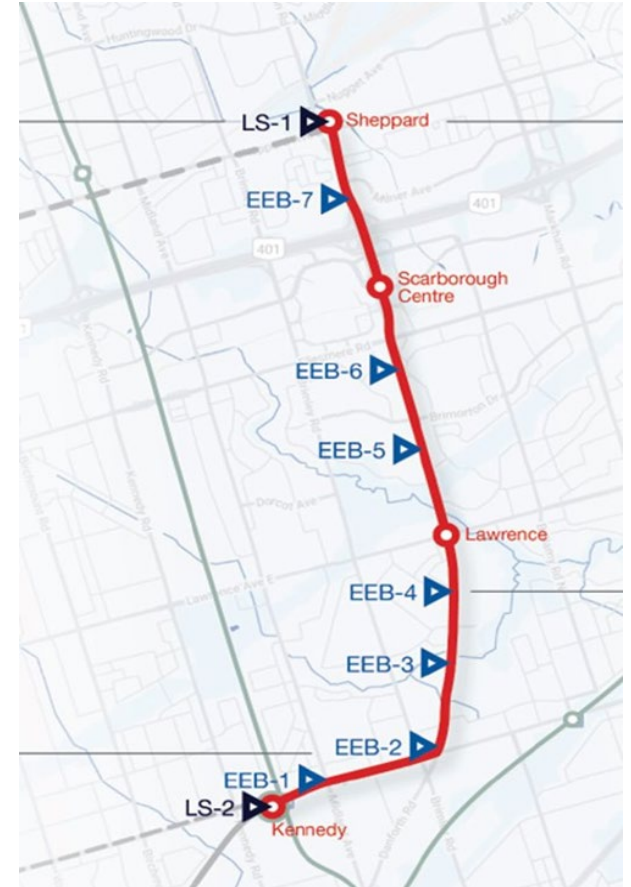


REMAINING HEADWALLS



McCowan Road facing south, adjacent to Progress Avenue overpass.

- Ongoing construction activities taking place at EEB-7, Scarborough Centre, EEB-6 and Lawrence and McCowan Station
- Piling works continuing at EEB-7
- Two headwalls for Scarborough Centre location. Piling continues at north headwall. Site setup ongoing at south headwall
- Site setup and utility relocation underway at EEB-6
- Site setup ongoing at Lawrence East South



TBM EXTRACTION SHAFT



Northeast corner, Eglinton Ave. and Midland Ave.

TBM EXTRACTION SHAFT

- TBM extraction shaft located at Midland Avenue and Eglinton Avenue
- Eglinton Avenue East will be diverted to make space for the TBM removal
- The intersection at Midland and Eglinton will be moved slightly north to accommodate the diversion
- Westbound and eastbound lanes along Eglinton will be temporarily closed during construction
- Grading, gravel and utility works ongoing ahead of main paving work



SSE COMMUNITY ENGAGEMENT

- Engagement with nearby residents and businesses along the tunnel alignment
- Four Community Liaison Committees
- Paid Advertising Campaign launched in August 2022
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- Pop-Up Events along the alignment ongoing



24/7 Project Phone Number
416-202-7900



Project Website
www.metrolinx.com/scarboroughsubway



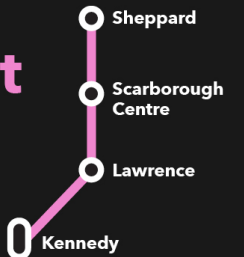
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and Reliable
Extension**





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