

Headwall Construction Scarborough Subway Extension

June 2022



What is happening?

Tunnelling work for the Scarborough Subway Extension is now underway. A crucial part of the tunnel building process is the installation of headwalls. These headwalls are underground support structures that create the frame for future subway stations and emergency exit buildings. The tunnel boring machine will pass through these headwalls.

Where is this happening?

Headwalls will be built along the new subway route from Sheppard Avenue East and McCowan Road to Kennedy Station. The headwall for the future Emergency Exit Building 5 will be built underground on McCowan Road between Brimorton Drive and St. Andrews Road, as shown on the map.

When is this happening and how long will it take?

Work to build the headwall at this location is expected to start mid-July 2022 and will last until early 2023.

What kind of construction activities will take place?

Small construction teams will be working at these sites during regular daytime hours. Activities will involve setting up the sites, installing temporary equipment, relocating some utilities and drilling concrete piles underground to build the headwalls.

Noise and Vibration

Noise and vibration from construction work are expected. During construction, every effort will be made to mitigate impacts as a result of noise and vibration. The equipment that is used on-site will include sound absorber pads to dampen noise. Noise and vibration monitoring equipment will be installed prior to construction. In addition to this, noise barriers rough 16 feet in height will be installed to mitigate construction noise.

Safety

To ensure pedestrians and drivers remain safe, especially when large equipment is being used near the construction sites, construction crews will temporarily close traffic lanes and sidewalks along McCowan Road. Signage will be in place to alert drivers and pedestrians regarding these temporary closures.

Project Background

The Scarborough Subway Extension will create three new stops at Lawrence and McCowan, Scarborough Centre and Sheppard and McCowan. The extension will replace the existing Line 3 (the Scarborough RT) and is estimated to be complete by 2029-30.

Contact

Please share your questions or comments about this work or the project in general by emailing ScarboroughSubwayExtension@Metrolinx.com or calling (416) 202-7900.

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