

Headwall Construction Scarborough Subway Extension

April 2022



What is happening?

Work is underway to prepare for tunnelling for the Scarborough Subway Extension. 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. Two headwalls, north and south, are being built for the future subway stop located at Scarborough Centre. Construction work for these headwalls will take place on the east side of McCowan Road north and south of Progress Avenue, as shown on the map.

When is this happening and how long will it take?

Work to build the headwalls at this location is expected to start in May 2022. It will take approximately five months to build the headwalls.

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 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.

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. Traffic impacts may include a temporary closure of the Progress Avenue ramp to McCowan Road and the Bushby Drive ramp to McCowan Road. Both ramps are estimated to be closed until early June.

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.

Contact Us:

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