

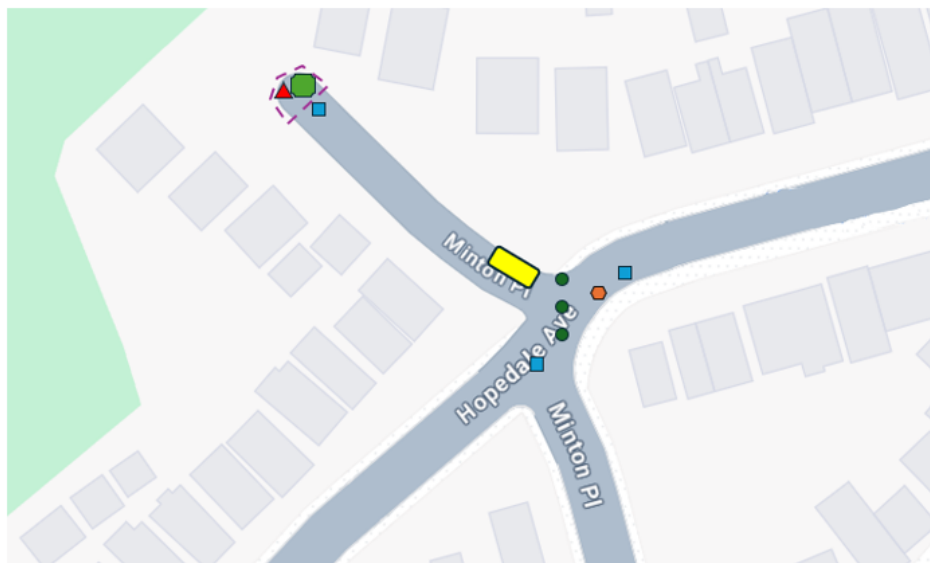
Ontario Line

# Geotechnical Monitor Installation at Minton Place & Hopedale Avenue

**Expected start date:** November 11<sup>th</sup>, 2024

**Expected duration:** Three (3) weeks

**Hours of work:** Monday - Friday, 7:00 a.m. to 5:30 p.m.



Ground Inclinator



Fencing



Ground Monitor Point



Drill Rig



Structure Monitor Point



Hydrovac



Traffic Controller



## What is happening?

### Geotechnical monitoring installation

- The contractor will be installing various geotechnical monitoring points. These are installed in the vicinity of the work area to monitor ground conditions once construction is underway.
- The monitors being installed will include a ground inclinometer, four ground monitor points, and structure monitor points on manholes.

- **Ground Inclinometer:** uses the effects of gravity to measure its own tilt, or the angle of a slope.
- **Ground Monitor Points:** monitors underground utilities for potential displacement from excavating and other construction activities.
- **Structure Monitor Points:** to monitor horizontal and vertical deformation of manhole structures.
- These works will involve drilling boreholes into the asphalt and cutting asphalt to install the various monitor points.
- Vibrations from vertical drilling can be expected.
- Works will be occurring between 7:00am to 5:30pm from Monday to Friday.
- Construction equipment, such as a drill rig and a hydrovac, will be mobilized to site and will be located on the roadway throughout the duration of these works.
- Traffic will be impacted throughout these works. Traffic control personnel will be mobilized to direct the flow of traffic near installation areas.

## What to Expect

- During the vertical drilling phase, noise, dust, dirt, and vibration from construction equipment, including the drill rig, can be expected. Crews will take measures to minimize these impacts wherever possible.
- Vibration and noise levels will be tracked using specialized measurement instrumentation, and mitigation measures will be implemented if exceedance occurs.
- Fencing will be installed around the drill rig, which will be positioned at the end of Minton Place.
- Traffic may be impacted by the hydrovac, which will be used in the installation of ground monitor points. These operations will be carried out in two-to-three-hour intervals. Traffic control personnel will be present to direct construction vehicles and workers safely and efficiently to the work zone, minimizing traffic disruptions.
- There will be no impact on TTC bus or subway service because of this work.

## About the project

- 15.6-kilometre subway line that will make it faster and easier to travel within Toronto and beyond.
- 15 stops and more than 40 connections to other transit, including GO train, subway, LRT, streetcar, and bus lines.
- Approximately 40 minutes from one end of the line to the other.
- 28,000 fewer cars on the road each day.

### Contact us:

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