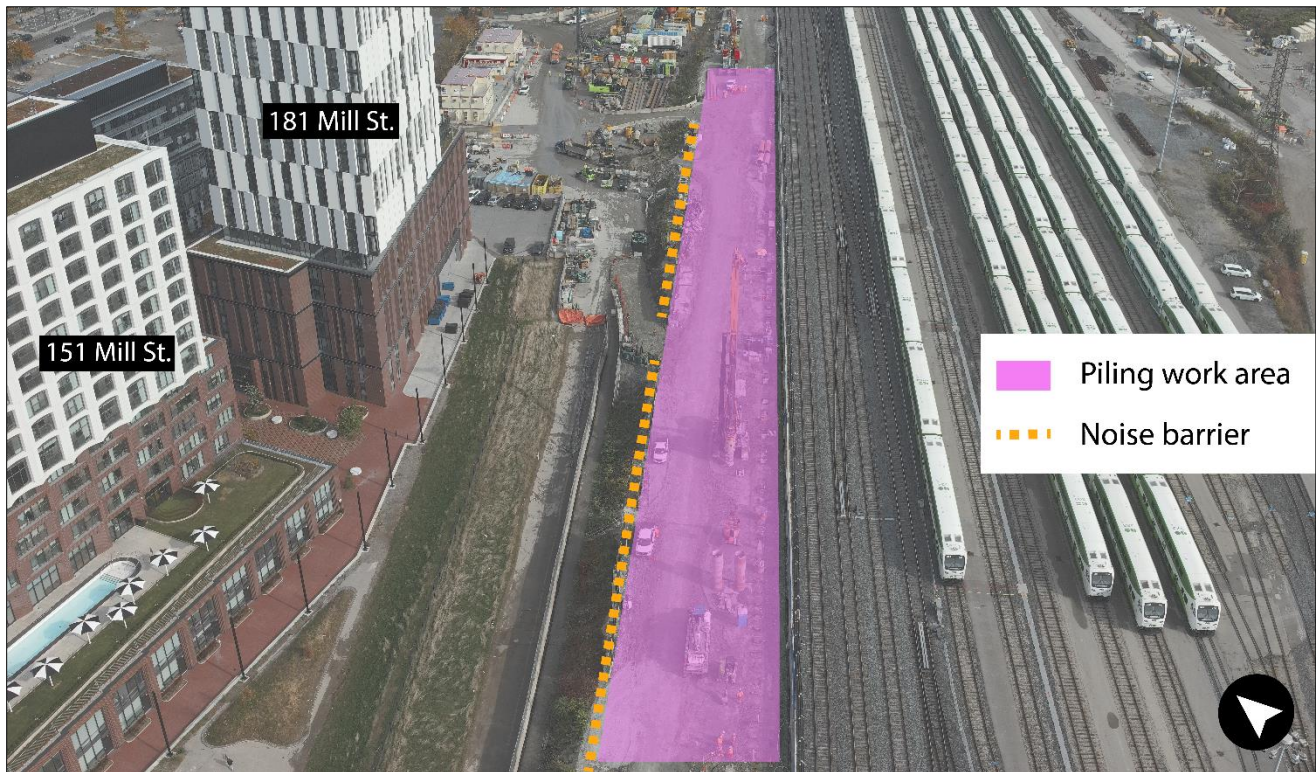


Update: Pile drilling in the Don Yard Rail Corridor

Expected start date: As early as December 16, 2024

Hours of Work: Weekdays between 7 a.m. – 2 a.m. and Saturdays from 7 a.m. – 5 p.m.

Expected completion: Late March 2025



What is happening?

- Pile drilling is ongoing in the Don Yard to build a new subway tunnel and portal for the Ontario Line.
- Piling work will resume overnight until 2 a.m. starting as early as Monday, December 16, 2024, until March 2025.
- Working overnight will shorten the construction schedule and minimize the overall length of disruption.
- New noise mitigation tools are in place to minimize overnight noise from piling work. The noise mitigations have been tested and will reduce overnight noise levels. See further details in the **Construction Mitigations** section below.

Construction mitigations

- To reduce noise levels in the Don Yard, the following methods have been implemented during piling work:
 - **Auger cleaner:** A custom auger cleaner was designed to manually clean dirt off the rig and eliminate the need to shake and bang the auger during overnight work. . Each drill rig will have an auger cleaner installed before starting work on site.
 - **Polymer slurry:** A polymer slurry solution is being applied to the auger to loosen soils so that the dirt falls off without the need to shake and bang the auger
 - **One-way auger rotation:** Rotating the auger in one direction at high speeds to remove dirt from the drill instead of shaking the auger. This helps limit banging sounds.
 - **Noise barrier:** A new noise barrier (5m tall) will be installed along the perimeter of the site before starting the piling closest to residences in late January 2025.

The new methods (listed above) will be combined with existing mitigation measures (listed below). These best practices will continue at this site during this project:

- One-way construction traffic through the site to avoid noise from reversing vehicles
- Weekly maintenance inspections to ensure equipment is in good working order
- Tipping truck bins slowly to avoid noise from banging bins and tailgates
- All vehicles equipped with broadband back up alarms
- Noise barriers and coverings around equipment (Ex. generators)
- No vehicle idling policy
- Routinely spraying water to minimize dust during excavation
- Washing down roadways and sidewalks
- A wheel wash station was installed at the site exit to wash the sides, underbodies and tires of all vehicles leaving the site
- Noise, vibration, and air quality monitoring
- Positioning site lighting downward and away from residential properties
- Enforcing good neighbour behaviour with on-site staff (no shouting, closing vehicles doors quietly, keeping the site clean etc.)



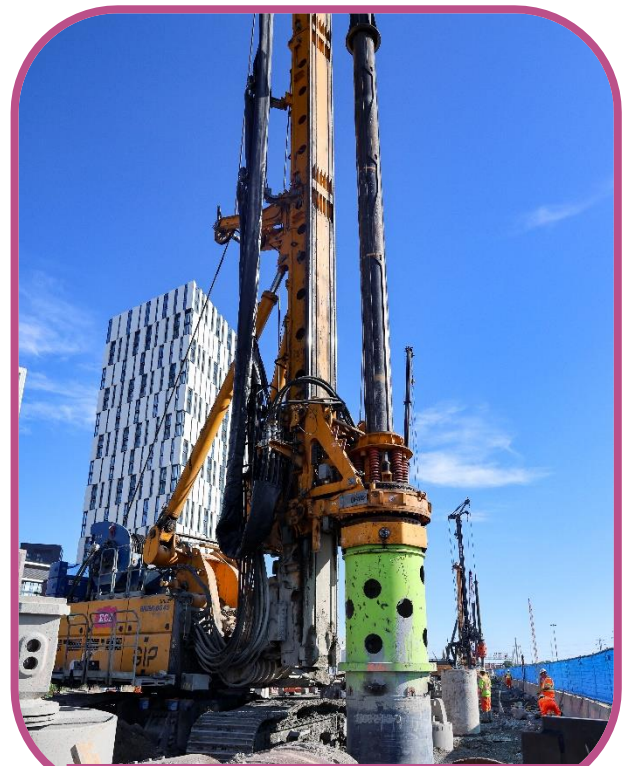
Auger cleaning tool

What to expect

- Up to four drill rigs will be used to complete the piling work. Drill rig operation will be staggered, and rigs will not always operate at the same time.
- Stockpiling of materials and removal of spoils offsite (hauling)
- Excavators, dump trucks, cranes, loaders, and hydro-vacuum trucks will be used to complete this work.
- Crews will avoid the use of hydro-vac trucks overnight to minimize noise disruption.
- Noise, vibration, and air quality monitoring is in place to ensure acceptable levels are maintained.
- Construction equipment and materials will be properly secured within the work zone.
- Work may be delayed or rescheduled due to inclement weather and/or unforeseen circumstances.

About the Ontario Line

- 15.6-kilometre subway line that will make it faster and easier to travel within Toronto and beyond.
- 15 stops and more than 40 transit connections, including GO, TTC and more.
- Less than 30 minutes from one end of the line to the other.
- 28,000 fewer cars on the road each
- day.



Drill rig used for piling work

Contact us:

Call us 24/7 at: [416-202-5100](tel:416-202-5100)
 Write to us at: ontarioline@metrolinx.com
 Find us on Twitter, Facebook, and
 Instagram: [@ontarioline](https://www.instagram.com/ontarioline)
 Visit the website:
www.metrolinx.com/ontarioline

Visit our community offices:

770 Queen Street East (near Queen & Broadview)
 General hours:
 Mondays, Tuesdays, and Fridays: 9:00 a.m. to 5:00 p.m.
 Wednesdays 1:00 p.m. to 6:00 p.m.
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Thorncliffe Park:

East York Town Centre
 45 Overlea Blvd., Toronto, ON M4H 1C3
 Unit 153 (across from the Rogers store)
 General hours:
 Monday - Friday, 9 a.m. - 5 p.m.