

Pile drilling on Queen Street

Expected start date: As early as May 13, 2024

Expected duration: Up to December 2024

Hours of work: Weekdays, 7:00 a.m. to 7:00 p.m. and overnight, 7:00 p.m. to 7:00 a.m.

JOIN US FOR A QUEEN STATION VIRTUAL PUBLIC INFORMATION SESSION MAY 14, 2024

For more information about the Ontario Line construction happening at the future Queen station, Metrolinx and its Ontario Line constructor, the Ontario Transit Group, welcome you to a Virtual Public Information Session on May 14, 2024, from 7:00 p.m. to 8:00 p.m. ET.

Please register at metrolinx.com/ontarioline and click on **Events** for details or scan the QR to the right.



To build the future Ontario Line Queen Station, crews will be conducting pile drilling to install structural walls. This work will be done in two sections: piling will start first at the West site near Queen Street West and James Street. Piling work at the East site, on Queen Street East between Yonge Street and Victoria Street, will take place at a future date. Work is expected to begin as early as May 13, 2024 and will be ongoing until approximately December 2024.

What is piling?

- Crews will be drilling to install structural walls – also known as secant pile walls – to support the underground excavation of the Ontario Line at the future Queen Station.
- A secant pile wall is a type of retaining wall used to secure the soil and ensure water tightness prior to excavation.
- The process consists of drilling a series of holes and filling them with concrete to create overlapping (secant) piles that form a continuous structural wall.
- Some of the piles are further reinforced with steel beams.
- This work is performed prior to excavation to prevent ground settlement.
- Piling will start first at the West site near Queen Street West and James Street. Piling work at the East site, on Queen Street East between Yonge Street and Victoria Street, will take place at a future date.



Example of a pile drill rig

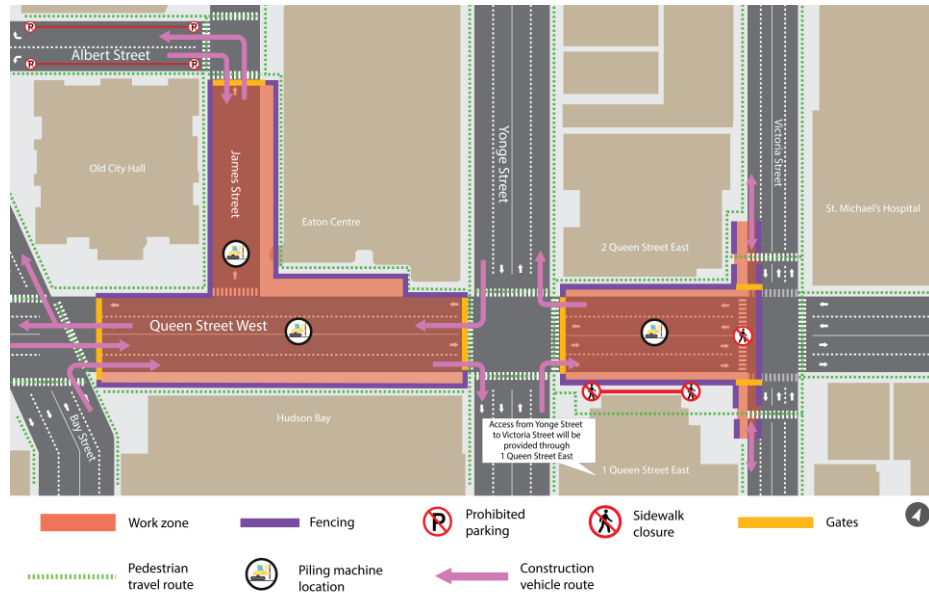
Pedestrian Access and Truck Routing at the West Site (along Queen Street West from Yonge Street to Bay Street, and in James Street from Queen Street to Albert Street)

- Trucks will be entering and exiting from Bay Street, James Street, and Yonge Street.
- The entrances at Bay Street and Yonge Street will have flag-persons as well as paid duty officers to ensure pedestrian safety and direct truck traffic.

Pedestrian Access and Truck Routing at the East Site (Queen Street East from Yonge Street to Victoria Street)

- Trucks will be entering and exiting from Yonge Street and through the Southbound Lane in Victoria Street.
- The entrances at Victoria Street and Yonge Street will have flaggers as well as paid duty officers to ensure pedestrian safety and direct truck traffic.

Map of Work Area:



What to expect

- The piling activity is scheduled to begin at the Queen Station West site as early as May 13, 2024. Piling work at Queen is expected to be ongoing at both the West and East sites through December 2024.
- Work is expected to take place weekdays between 7:00 a.m. to 7:00 p.m. as well as overnight from 7:00 p.m. to 7:00 a.m. Additional shifts and weekends may be added as required.
- Noise from equipment drilling piles, removing spoils and concrete work is expected.
- Residents will see drilling machines, cranes, excavators, concrete pumps, and concrete trucks on-site during this phase of work.
- Several trucks will be entering and leaving worksites daily, following a specified route.
- Work will be phased, beginning first at the future West Shaft site, followed by the East Shaft site.
- More information on timing for piling on the East site will be shared as construction progresses.
- To reduce impacts to residents and businesses in the area, mitigations will be in place including noise and vibration monitoring, and site hoarding.
- Work may be postponed or rescheduled due to unforeseen circumstances.

Note:

- Work may be delayed, rescheduled, or extended due to weather conditions or unforeseen circumstances.
- Visit metrolinx.com/OntarioLineConstruction for more information on work happening in your community.

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 connections to other transit, including GO train, subway, LRT, streetcar, and bus lines.
- Less than 30 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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Write to us at: ontarioline@metrolinx.com

Find us on X, Facebook, and Instagram:

[@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 and Thursdays: 10:00 a.m. to 6:00 p.m.

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.