

Geotechnical Investigative & Archaeological Work in Royal Orchard Community

Schedule: July 2nd - July 31st, 2024

Timing: Monday to Saturday from 8:00 am and 6:00 pm

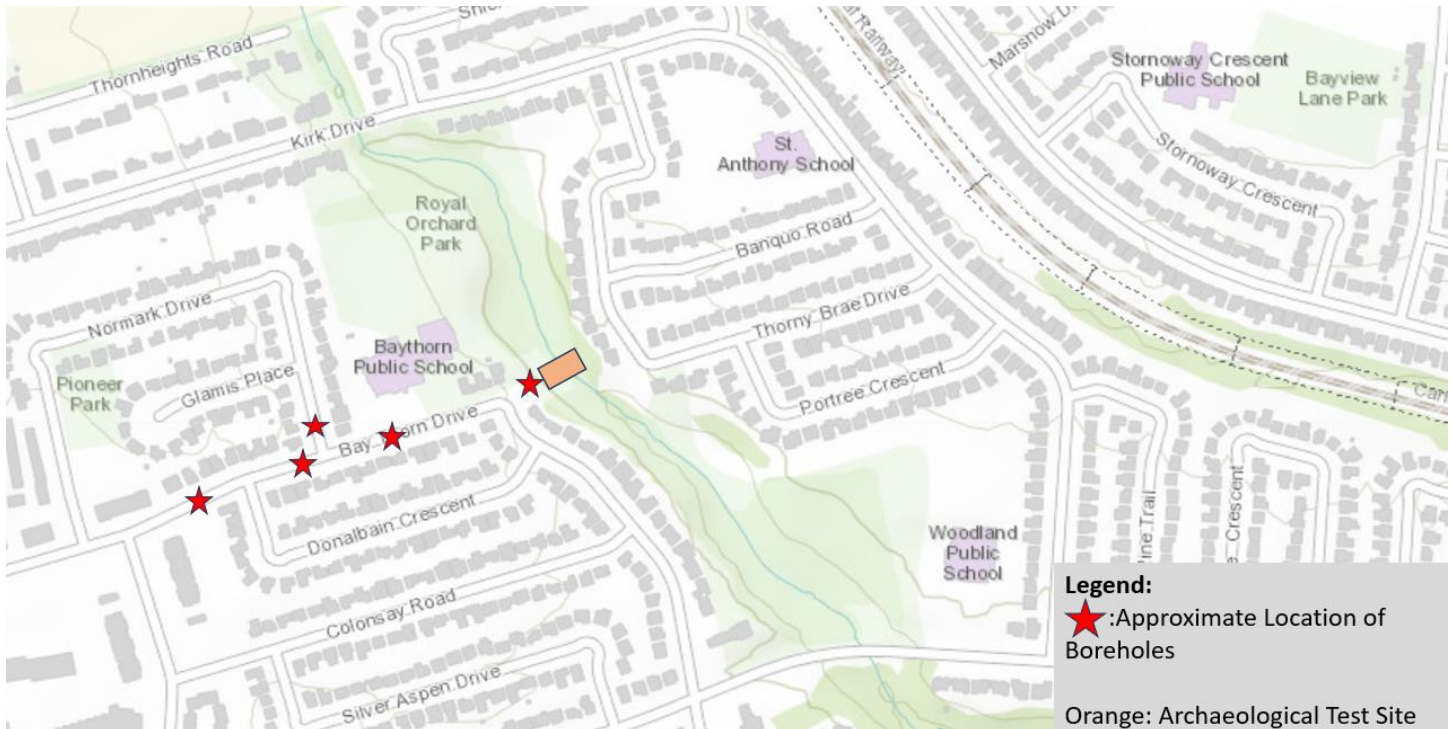


Figure 1: The approximate work zones for geotechnical investigation work. Map is not scale and for illustrative purposes only.

What is happening?

To support the Yonge North Subway Extension Project, geotechnical investigative work will take place on Bay Thorn Drive, Normark Drive, and in Royal Orchard Park near Pomona Creek. The purpose of this work is to collect important information for the ongoing procurement of the tunnel contract for the Yonge North Subway Extension.

About the Yonge North Subway Extension:

The Yonge North Subway Extension will transform the commute in York Region, Toronto and beyond by extending the TTC's Line 1 subway service north from Finch Station to Vaughan, Markham and Richmond Hill. This extension includes five confirmed subway stations along an extension of roughly eight kilometres.

Still have questions? Ask us! YongeSubwayExt@metrolinx.com, or 416-202-7000.

✉ Visit us at: **295 High Tech Road Unit 4, Richmond Hill**

📱 Find us on social media **@YongeSubwayExt**

🌐 Visit the website: www.metrolinx.com/YongeSubwayExt

Disponible en français sur demande. Si vous êtes intéressé, veuillez envoyer un courriel à YongeSubwayExt@metrolinx.com.

WORK DETAILS:

- Crews will be drilling boreholes within the municipal right-of-way to gather data samples regarding the soil conditions in the Royal Orchard community.
- At Royal Orchard Park there will be an Archaeological Assessment as part of the environmental due diligence work. This includes visual assessment and photography of the current state of the park, utility locates, safety assessments, and soil surveying.

WHAT TO EXPECT:

- Geotechnical work requires the drilling of boreholes and testing of soil conditions.
- A pick-up truck, drilling rig, hand tools and steel drums to collect purged water will be on site during the hydrogeological fieldwork. Work areas will be clearly marked and fenced off as required to ensure public safety.
- Residents near the site can expect to hear increased noise levels during this work. Noise and vibration levels will be monitored and mitigated when necessary.
- To minimize disruption to local residents, Metrolinx Community Engagement will work with property owners and residents in close proximity to the work zones to discuss noise mitigation options.

HOURS OF WORK:

- Work is scheduled to take place between July 2nd to July 31st, 2024.
- Non-intrusive pre-drilling activities, including markings and utility locates, will start on or after June 5th.
- Mobilization will start at 8am each day, followed by drilling from 9am to 5pm, and demobilization and site cleanup by 6pm.
- Boreholes on Bay Thorn Drive are expected to be completed earlier than the others as the soil samples needed can be completed using faster sonic drilling.
- **Please note that work may be rescheduled due to weather conditions or unforeseen circumstances.**

PEDESTRIAN DETAILS:

- Work areas will be clearly marked or fenced off as required to ensure public safety.
- Pedestrians should exercise caution around borehole work zone(s).

TRAFFIC DETAILS:

- Partial lane closures will be required around borehole work zones.
- Traffic control signage will be installed beside each borehole location plan.

IMPACT MITIGATION:

- Metrolinx Community Engagement team members will work with residents closest to the worksites to offer noise mitigation options.
- Metrolinx Community Engagement team members will also be onsite intermittently during the work to help address any community concerns.

METHODOLOGY

- Hydrogeological conductivity testing will be carried out in the installed groundwater monitoring wells.
- Testing will include purging of water from the installed well and measuring the water recovery in the well.

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