

Ontario Line

King-Bathurst Station Construction Liaison Committee

May 2024

 METROLINX



Agenda

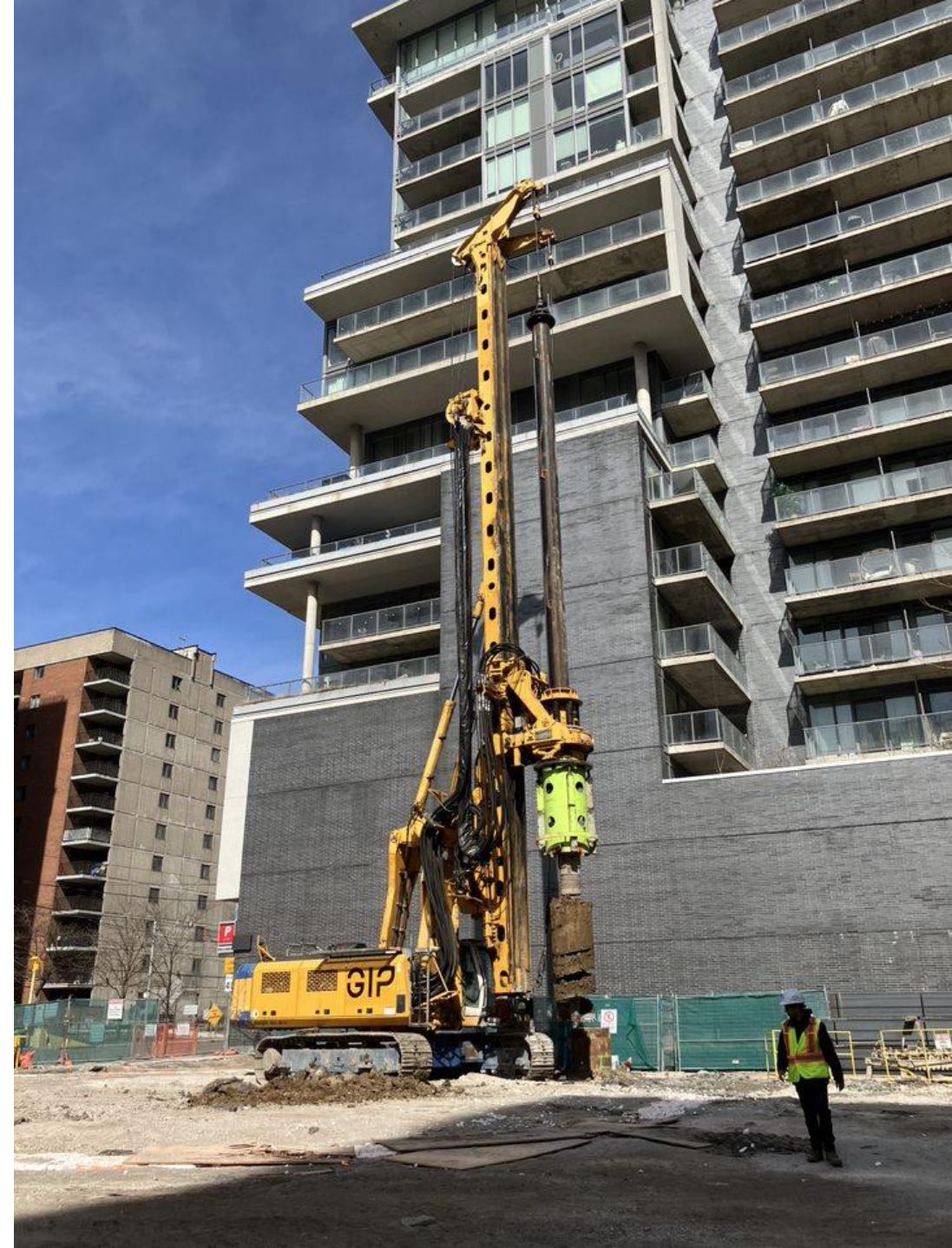
Welcome (5 minutes)

- Introductions
- Land Acknowledgement
- Safety Moment

Presentation (25 minutes)

- Construction Updates
- Community Engagement
- We Are Here For You

Feedback and Discussion (30 minutes)



Land Acknowledgment

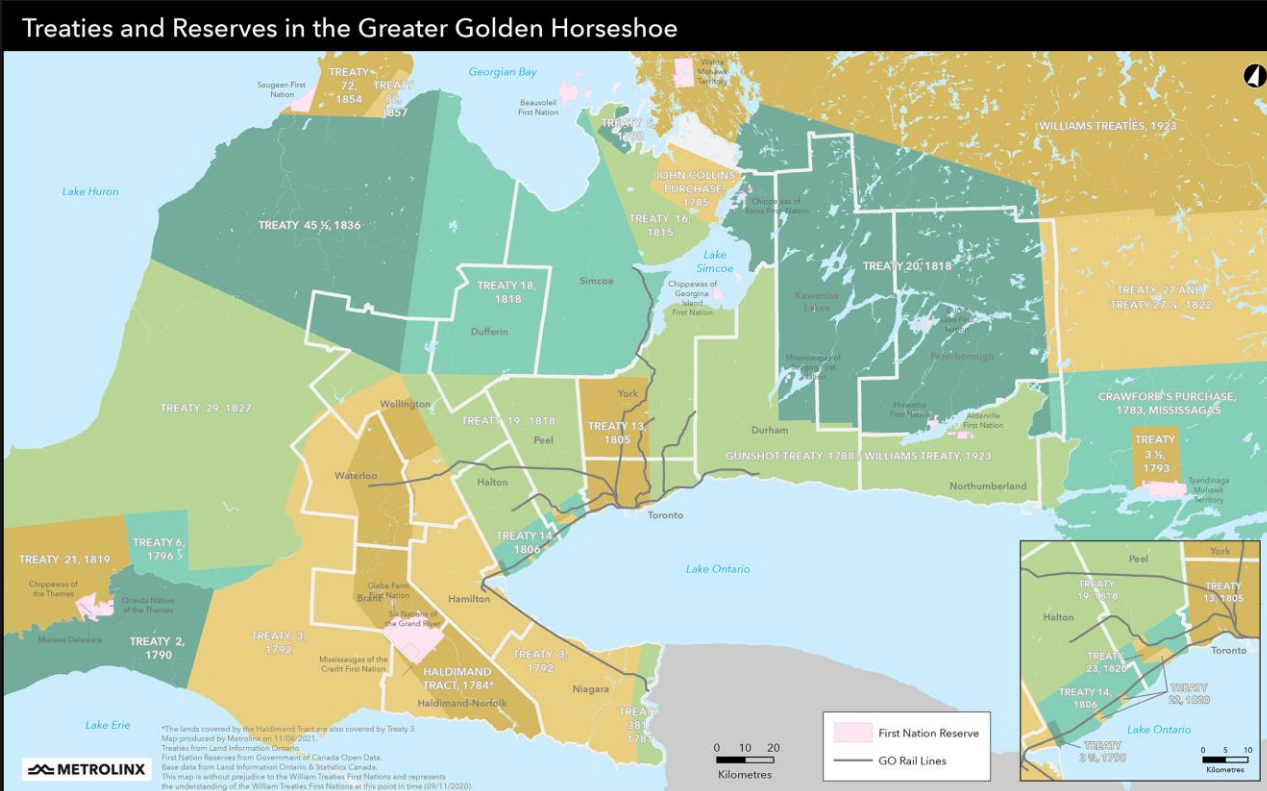
Let us take a moment to acknowledge we are on lands that have been, and continue to be, home to many Indigenous Peoples including the Anishnabeg, the Haudenosaunee and the Huron-Wendat peoples.

We are all Treaty people. Many of us have come here as settlers, as immigrants or involuntarily as part of the trans-Atlantic slave trade, in this generation, or generations past.

We acknowledge the historic and continued impacts of colonization and the need to work towards meaningful reconciliation with the original caretakers of this land.

We acknowledge that Metrolinx operates on territories and lands covered by many treaties that affirm and value the rights of Indigenous communities, Nations and Peoples.

We understand the importance of working towards reconciliation with the original caretakers of this land. At Metrolinx, we will conduct business in a manner that is built on a foundation of trust, respect and collaboration.



1

SAFETY MOMENT - CYCLIST & DRIVER SAFETY

As weather improves in spring and summer, more and more cyclists will share roads, and use bike lanes. It's important to be mindful of surroundings, for both drivers and cyclists.

- **For cyclists, be visible:** As a cyclist, you aren't necessarily always visible to drivers. Let's keep the road safe by ensuring bikes are visible with reflectors, wear appropriate bright clothing and helmet, and use hand signals when necessary. Use dedicated bike lanes when available as well.
- **For drivers, be mindful of your surroundings:** As a driver, give yourself extra time when changing lanes or intersections and be extra certain that blind spots are clear. Give cyclists the benefit of the doubt and take your time!
- **For everyone, follow the rules and share the road:** We all share and use roadways and cycling lanes, so let's work together. Allow extra time for your travel and watch for both bikes and cars around you. Be kind, be courteous and be safe.



Construction Update



King St W

Bathurst

The Ontario Line

La Vie Culture



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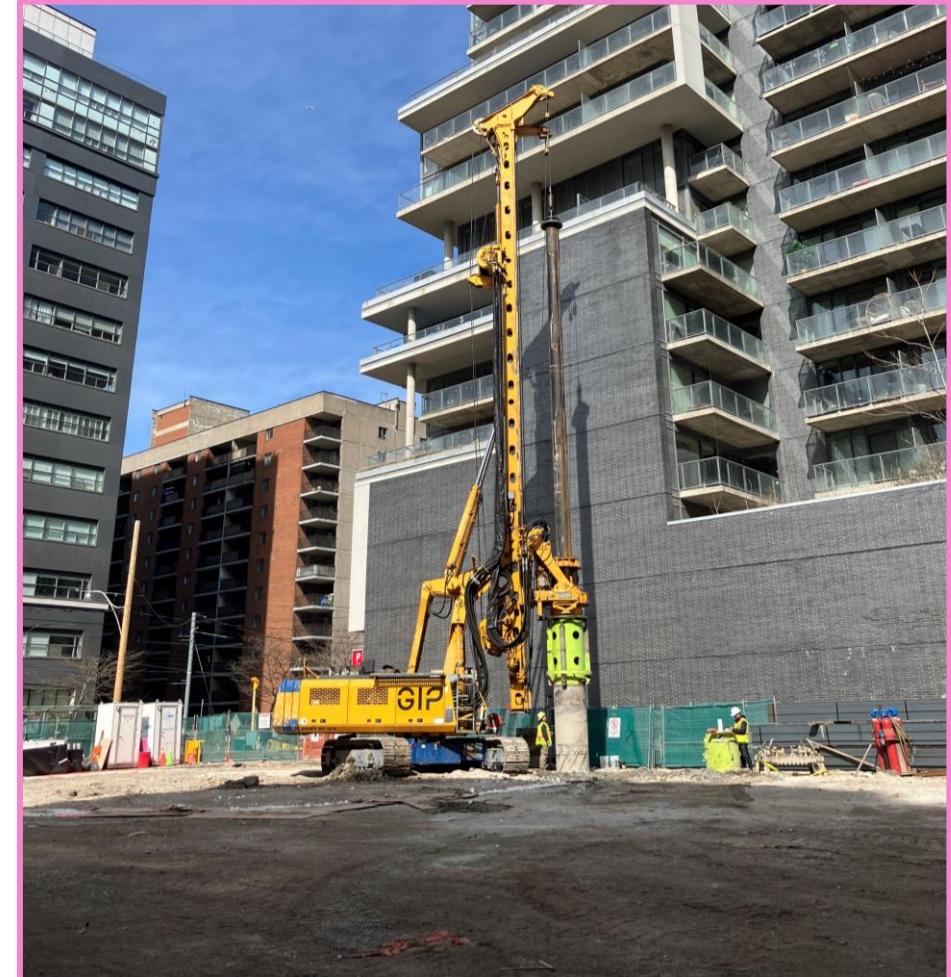
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2 CURRENT WORKS: PILE DRILLING TO SUPPORT FUTURE EXCAVATION

- Pile drilling for station excavation remains ongoing at King-Bathurst through June 2024. In addition to the new station piles, crews will also be installing piles for the future Transit-Oriented Community (TOC).
- **Why is this process needed?** Piles act as foundations for future excavation work, and is a technique used to construct underground structural support systems, ensuring stability for the surrounding infrastructures and buildings during the construction of stations, until the permanent concrete structure is completed.
- All piling on both north and south sites will be complete by early summer.
 - On the north site, approximately 70 piles have been installed, which brings the work to roughly 80% completion
 - On the south site, approximately 90 piles have been installed, which brings the work to roughly 33% completion.

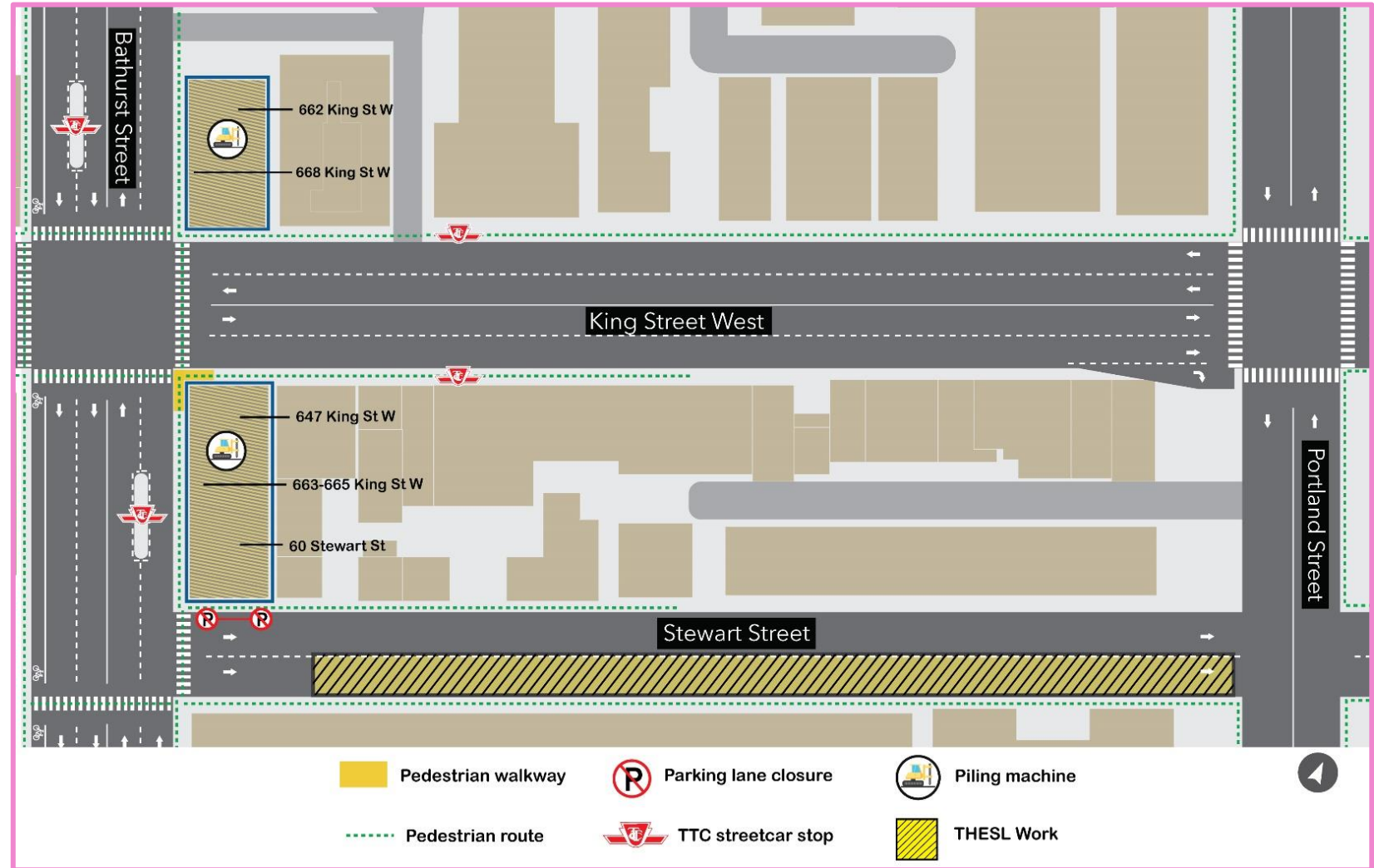


Pile drilling machine at King-Bathurst.

3

CURRENT WORKS: TORONTO HYDRO UTILITIES INSTALLATION ON STEWART STREET

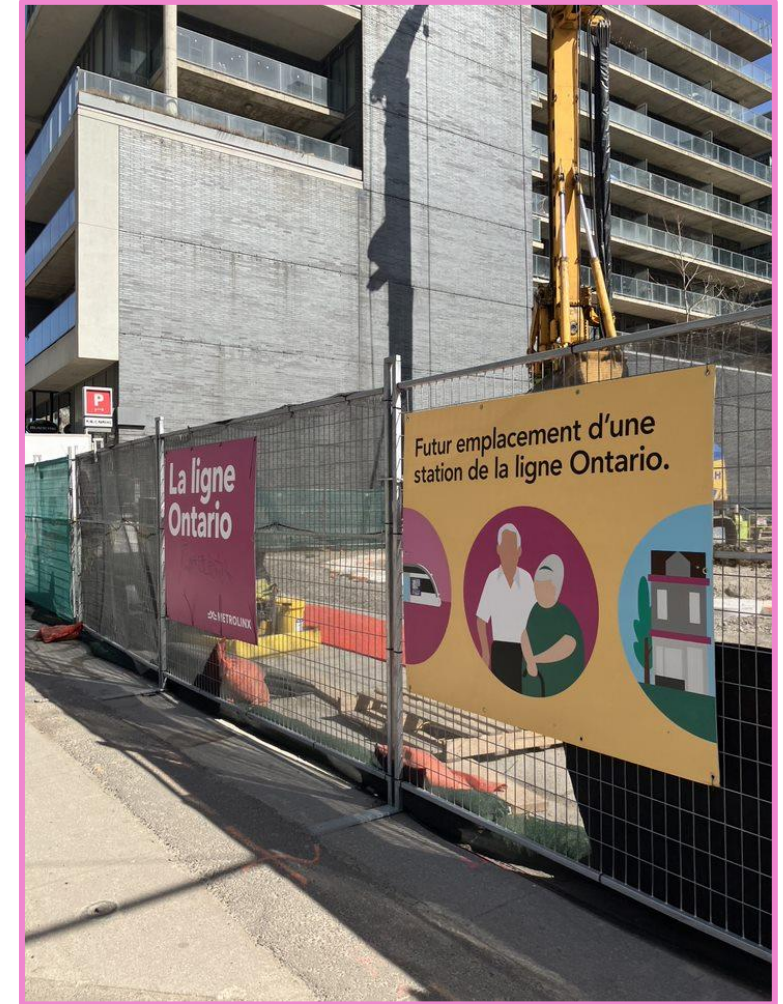
- To accommodate excavation and power requirements at King-Bathurst Station on the Ontario Line, Toronto Hydro is installing new underground utilities in the vicinity of the station site.
- Toronto Hydro crews have set up a work zone the curb lane, to access manholes and hydro poles along the road, which is **in place through mid-June**.
- Crews are alternating between the north and south curb lanes but will always maintain access along the street as they proceed from west to east in stages.



4

CURRENT WORKS: LONG TERM HOARDING AND FENCING INSTALLATION

- At both north and south sites, installation and painting of long-term hoarding surrounding the perimeter is underway.
- Long term fast-fencing is being installed at the north site as well.
- 100 metres total of long-term hoarding has been installed to date, including the area surrounding pedestrian tunnel at the southeast corner, directly under the heritage façade.
- The hoarding will be covered with Metrolinx branded artwork, as well as community messaging panels, once installation is complete.



Installation of long-term hoarding on the south site, and fast fence on the north site.

5

UPCOMING WORKS AT KING-BATHURST

- TOC piles (foundational support piles for future residential developments) will be installed once current station pile drilling is complete, as part of the overall piling process.
- Curb cuts will be completed in spring, to create smoother entrance/exit points for construction vehicles, along King Street West and Bathurst Street. A public notice will be created to inform the community of this minor work, as temporary lane closures will occur.
- Sewer discharge connections on the south site, as well as temporary power connections within both sites, will occur in spring.
- Acoustic shelter tent installation will commence in summer, including the steel structure erection, as well as fabric covering, HVAC and lighting installations. The shelter will keep noise and dust limited as excavation occurs.



Example of an acoustic shelter tent, to protect from noise, dust and weather during excavation.

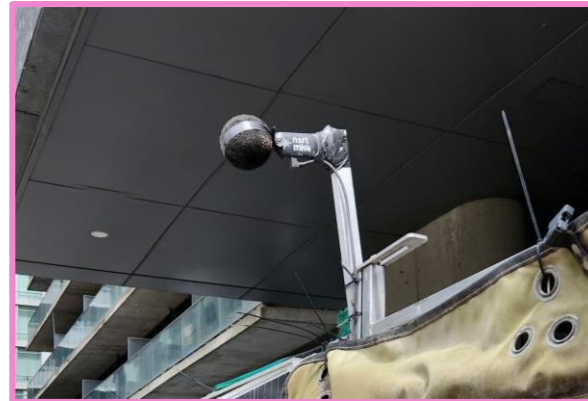
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MITIGATIONS TO REDUCE IMPACTS TO THE COMMUNITY

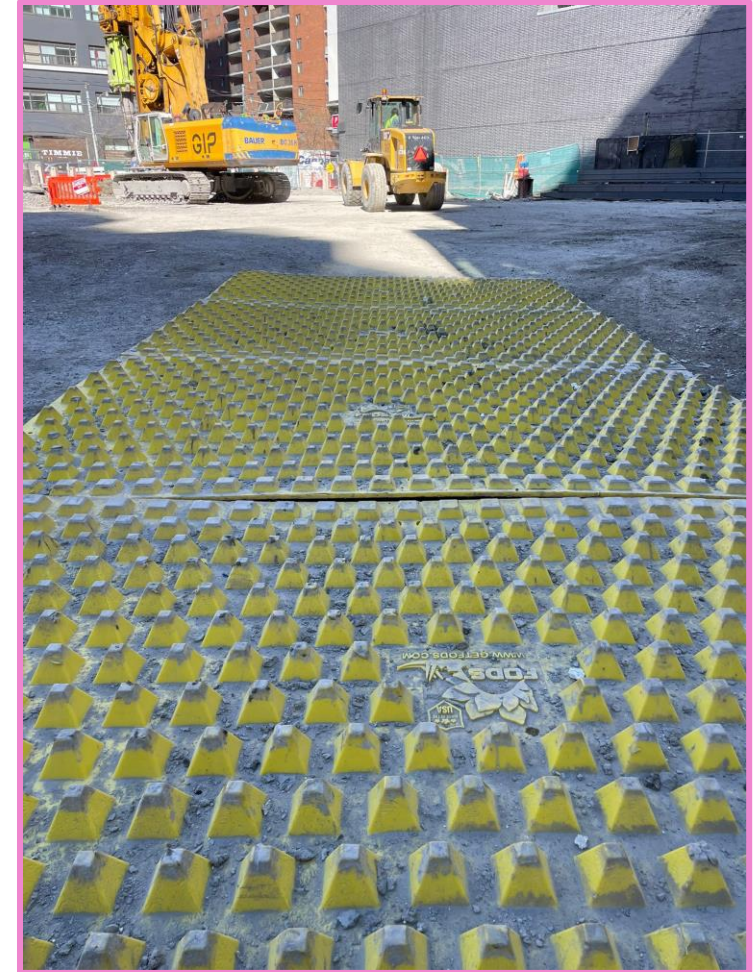
- Noise and vibration monitoring devices are placed on site for active tracking of impact to ambient noise levels.
- Site hoarding is installed where possible to help reduce noise, including sound dampening blankets and dust barriers, to reduce noise and debris in the neighbourhood.
- Installation of an acoustic shelters (early summer) to ensure excavation machinery is covered by a large-scale tent, protecting work areas during all seasons and limiting noise.
- Daytime work hours for current phase of work. (7 a.m. to 7 p.m.).
- Continuous loop truck routes, reducing need for trucks to reverse using backup alarms.
- Street sweepers and wheel cleaning are used as needed, to ensure soil and sediment is kept off city streets and sidewalks.



Sound dampening blankets placed on the inside of site hoarding.



Noise and vibration monitoring device.

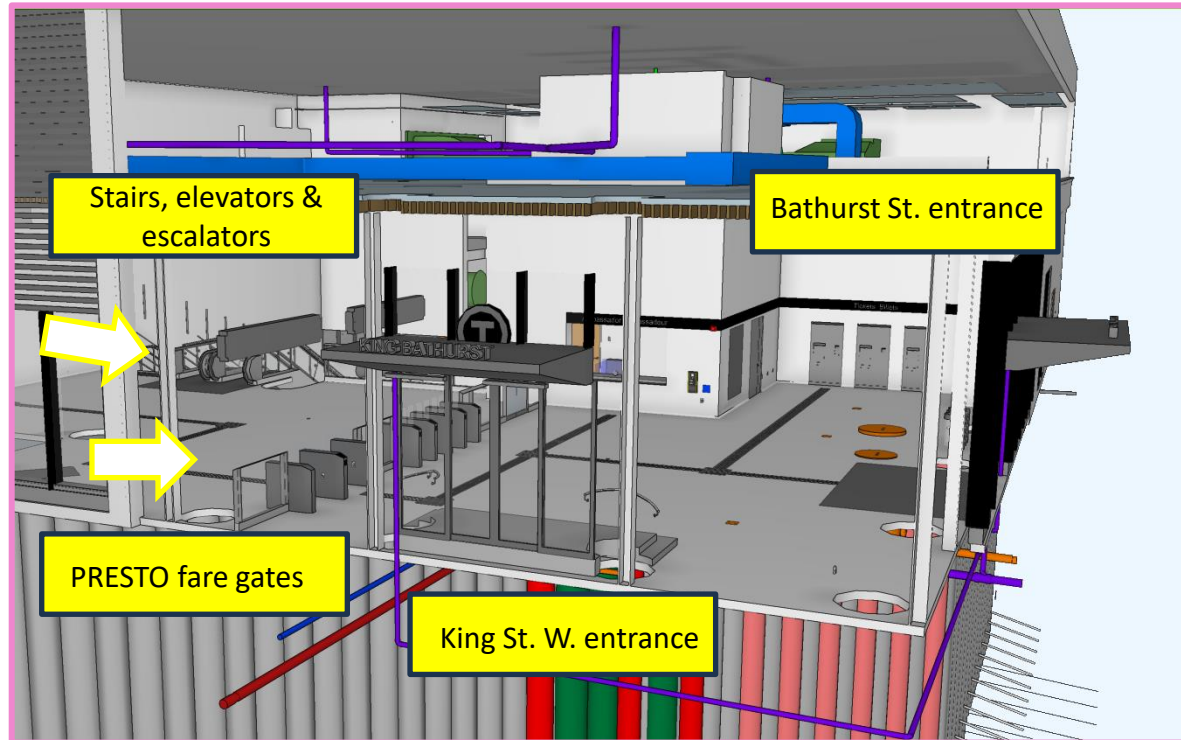


Wheel cleaning shaker mat, to ensure trucks do not bring mud and soil into city streets.

7

ACCESSIBILITY AT KING-BATHURST STATION

- King-Bathurst station will be accessible from day one, with three elevators on the north site, and another elevator on the south site.
- Both north and south station entrances will also offer escalators and stairs.
- At the far right, a multiple-escalator layout is depicted at the future King-Bathurst station entrance. Five flights of escalators will connect the street level to the platform level.



3D cross section of the future King-Bathurst station (south side), illustrating the tunnels and platform location, in relation to north and south station buildings at street level. Elevator and stairs renderings are illustrated to the right.



8 KING-BATHURST STATION 2024 CONSTRUCTION LOOK AHEAD

Major construction milestones to propel the Ontario Line subway forward, at King-Bathurst.

Time	Activity	Details & Purpose
Spring	Ongoing piling	Piling work is underway around the perimeter of the future station & ensures structural support before heavy excavation begins.
	Long-term hoarding installation	Structures to define the long-term construction zone during tunnel and station works will be installed to assist with site safety, noise mitigation and site protection.
Spring/ Summer	Acoustic barrier tent installation	A tent structure to be installed over the excavation sites, to protect from noise and dust.
	Excavation	Soils will be excavated to create shafts from the street level to the station level 40m underground.
Fall/ Winter 2025	Station site entry preparation	Excavation of the station cavern to connect the station shaft and the tunnels.

Metrolinx will keep the community informed by providing Ontario Line updates and addressing questions and concerns effectively, and quickly.

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Départs in 14 minutes

- Osgoode
- Queen
- Moss Park
- Cork Town
- Quana
- East Harbour
- Leasideville
- Gerrard
- Pape
- Coakburn

Departs
Départ
4 min

King-Bathurst

Departs	18:20	18:30
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King-Bathurst

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