

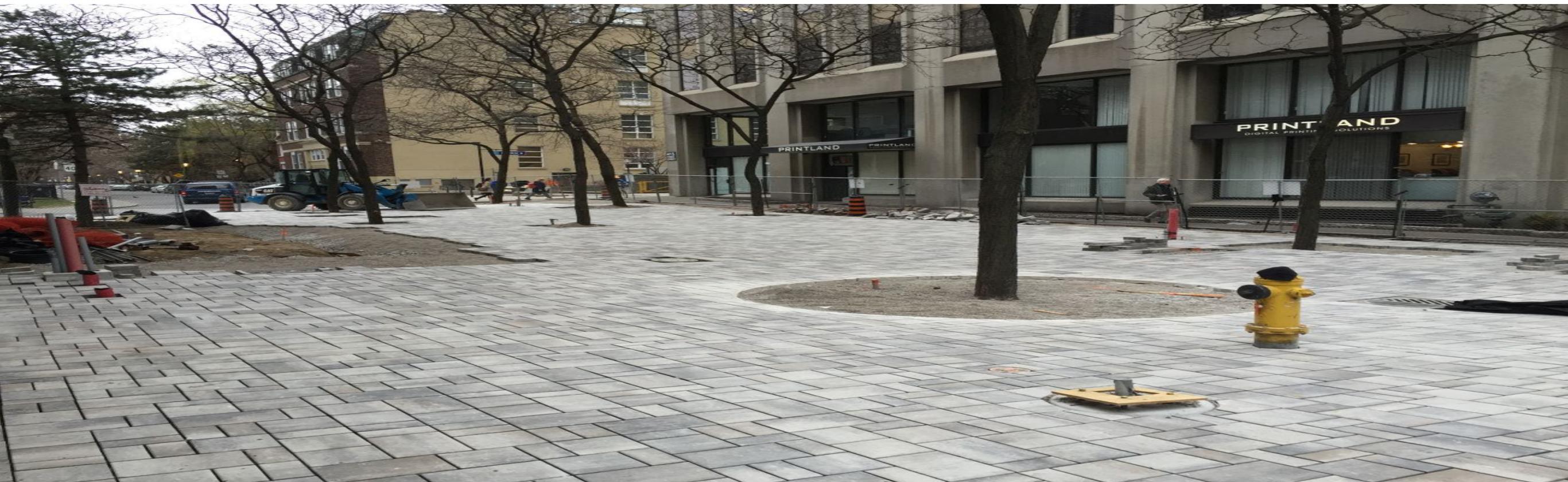


# Line 1 Capacity Enhancement Program

Granby Duct Bank Replacement to Enhance Power to the Subway

Pre-Construction Presentation

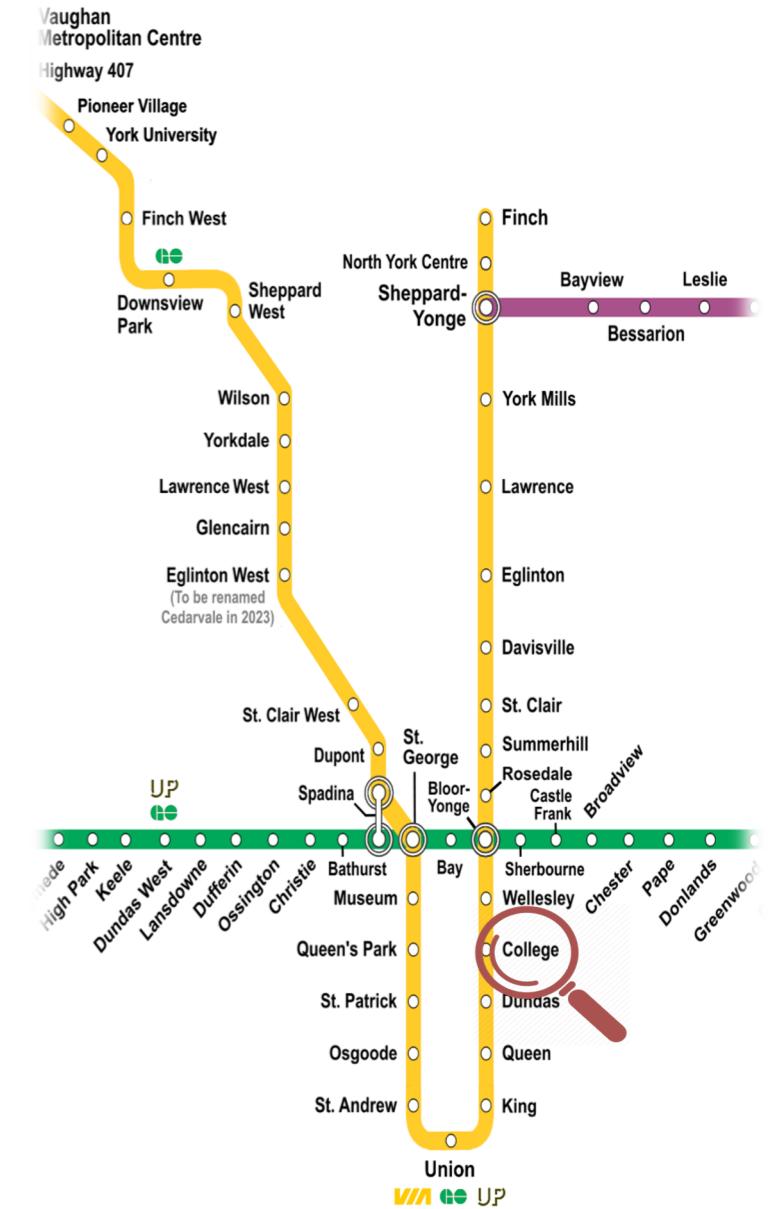
Summer 2025



# Project Background

Starting as early as November 2025 to the end of May 2026\*

As part of the Line 1 Capacity Enhancement Program, power from 22 substations needs to be upgraded to allow the TTC to run additional trains and more frequent service for our customers.



## Project Background Continued

Starting as early as November 2025 to the end of May 2026 \*

TTC will construct a new underground traction power duct bank between Granby Substation and Hayter Breaker Room near College Station starting Fall, 2025.

This duct bank will enhance power capacity to improve subway service. Scope:

- Construction of a new Duct Bank
- Cable upgrades across expansion joints.
- Transitions, crossover and an Electronically Operated Isolation Switch (EOIS) upgrade near College Station at track level



# Scope of work by Contractor



# Temporary Impacts and Mitigation

- The TTC is re-routing upgraded cabling under the Granby parkette to minimize the duration of lane impacts to Yonge Street as much as possible.
- Temporary lane closures on Yonge Street and detours may be in place around the construction site. The TTC will provide alternate routes and signage to guide pedestrians.
- For garage access at 423 Yonge Street during construction hours, a traffic controller will be in place.

# Impacts and Mitigation Continued

## Noise, vibration and work hours:

- Noise, dust and vibration associated with construction can be expected with this work. Efforts will be made to keep levels to a minimum.
- Majority of the work will take place between 7 a.m. and 7 p.m., Monday to Friday, and on Saturday after 9 a.m. is expected, with work after hours and on Sunday after 9 a.m. if required.
- As permitted, some overnight work will be required during the course of this project for safety and efficiency.
- Generators will be used to assist with various construction activities.

# Impacts and Mitigation Continued

## Community Impacts:

- Removal of two trees in the parkette is required to safely build. TTC will compensate the City for future tree plantings. Adjacent trees will be protected.
- The project team will reach out to Streets to Homes staff and Toronto Police Services for any community safety concerns and to assist underhoused in the vicinity of construction.
- Some public parking/Green P spaces will be reduced. TTC will work with impacted residents and businesses for permit parking for those registered with the City's Permit Parking unit.
- Restoration of the area will take place upon project completion.

## Schedule

Project Expected Start: November 2025\*

Project Expected End: May 2026\*

**\*Pending weather and unforeseen site conditions and events.**

*College Station Easier Access* project on Yonge Street is expected to be completed in 2026. There will be a small section where there is construction hoarding/fencing (East side) around the vent shaft with construction materials being stored and hoisted into the concourse level to the end of 2025. There will also be occasional one lane closures for these hoisting operations. Other traffic lanes will be maintained. Please note that there may be temporary road closures at the hoist site, and traffic personnel will redirect vehicles during this time.

## Schedule

The scope of work on Yonge Street is anticipated to begin November 2025, and will be completed in early 2026, limiting the extent of the closure on Yonge Street. **Road closures will occur in 6 stages, as follows:**



# Schedule

## Road Closures on Yonge Street: November 2025 to early January 2026\*

**Stage 1:** Southbound lanes on Yonge Street. Occupation of two southbound traffic lanes. Two lanes of traffic remain open (one southbound and one northbound). No impact to pedestrian clearway.

**Stage 2:** Through lanes on Yonge Street. Occupation of one southbound and one northbound lane. Two lanes of traffic remain open (one southbound and one northbound). No impact to pedestrian clearway.

**Stage 3:** Northbound lanes on Yonge Street. Occupation of two northbound lanes. Two lanes of traffic remain open (one southbound and one northbound). Sidewalk occupation on the east side of Yonge Street at McGill Parkette. Pedestrian clearway on Yonge Street to be maintained at all times.

## Road Closures on Sheard Street and Granby Street: January to May 2026\*

**Stage 4:** McGill Parkette and Sheard Street. Closure of a portion of Sheard Street, occupation of a portion of McGill Parkette. Sidewalk closure on the west side of Sheard Street adjacent to occupation. Pedestrian clearway maintained on the east side of Sheard Street and through McGill Parkette.

**Stage 5:** Granby Street and Sheard Street. Closure of a portion of Sheard Street and partial sidewalk closures on the west and east sides of Sheard Street adjacent to occupation. Pedestrian clearway maintained around the occupation on the west side of Sheard Street and through Joseph Sheard Parkette on the east side of Sheard Street.

**Stage 6:** Granby Street. Closure of a portion of Granby Street and sidewalk closure on the and south side of Granby Street adjacent to occupation. Pedestrian clearway maintained on the north side of Granby Street.

