



## **Bloor-Yonge Capacity Improvements**

### **Preparatory Construction Beginning in Spring 2023**

**April 24, 2023**

# | Overview

- Program Approvals and Funding
- Project Overview and Drivers
- Project Benefits
- Preparatory Works Timeline and Impacts
- Preparatory Works Scope and Map
- Main Construction Update
- Bloor-Yonge Station Expansion Footprint
- Preparatory Works Demolition and Utility Construction
- Outreach and Communications
- Next Steps
- TTC Contacts



# Program Approvals and Funding

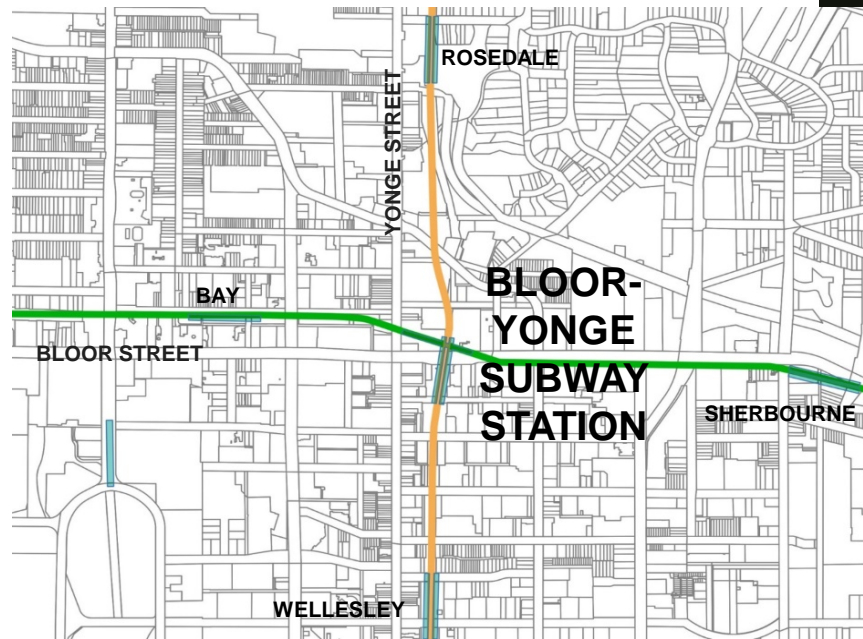
- City Council approved its funding share during the 2020 Budget process by allocating \$500 million in new funding from the City Building Fund in the TTC's 2020-2029 approved Capital Budget and Plan
- December 2021 - TTC Board approves the Bloor-Yonge Capacity Improvements Project – Stage Gate 3, establishing the project preliminary design baseline definition for project scope, schedule, and cost as well as the recommended project delivery strategy
- December 2022 - The joint funding contribution agreement funded by the City of Toronto, the Province and Federal government was finalized
- The total cost for the Bloor-Yonge Station Capacity Improvements project is currently estimated at \$1.5 billion



Bloor-Yonge Capacity Improvements Joint Funding Announcement December 12, 2022

# Project Overview –

- Busiest station in TTC's subway network
- Key interchange station for subway ridership
- 220,000 passengers per day (pre-COVID)
- Anticipated to have over 400,000 passengers per day by 2056



# | Project Drivers

Modification & expansion of the existing Bloor-Yonge Station required to address current issues and future ridership demand as follows:

- Overcrowding of Line 1 and Line 2 platforms leading to congestion and queuing at vertical circulation in the AM and PM peak hour
- Overcrowding of Line 1 and 2 platforms AM and PM peak hour hampering alighting and boarding leading to increase in dwell time for trains
- Projected ridership growth will exacerbate current deficiencies in station performance
- Subway expansion projects will further increase ridership



# | Project Benefits

- More frequent service on Line 1 and Line 2
- Less platform overcrowding and improved vertical transfers between Line 1 and 2
- Reduced travel times
- New accessible entrance at 81 Bloor St. (south side)
- Modified main entrance and fare line
- Improved accessibility within station via new escalators and elevators
- Intuitive wayfinding



Artist's rendering of the future Bloor-Yonge Station expanded Line 1 Southbound platform. Design subject to change.

# | Preparatory Works Project Schedule and Impacts

## Schedule

- Preparatory work to commence in 2023 – Demolition (Q2 2023)\* and utility relocations along Bloor Street East east of Yonge Street and west of Park Road (Q3 2023)\*
- Preparatory works are expected to be completed by Summer 2024\*

## Impacts

- **There is no expected impact to Line 1 or Line 2 subway service or at Bloor-Yonge Station for the preparatory works**
- Residential and business access to be maintained on Bloor Street
- Sidewalks and bike lanes on Bloor Street to remain open with some diversions/re-routing
- Access, snow clearing, noise, vibration and dust to be monitored
- Minimal walkway impacts in Sherlock Holmes Walkway (TTC owned)

## Events

- Pride Parade, June 24/25, 2023 – no constraints for parade along Bloor Street in 2023

\* All dates and timing are estimated, pending weather and unforeseen events



# Bloor-Yonge Station Preparatory Scope of Work and Map



- Demolition of 830 Church Street carwash (Q2 2023\*)
- Demolition of 81 Bloor St East /40-42 Hayden Street (Q2 2023\*)
- Utility works – Hydro relocation on Bloor Street (Q3 2023\*)
- Utility works – Sewer relocation on Bloor Street (Q3 2023\*)
- TTC Community Project Office – 25 Hayden Street (Q2 2023\*)

**\*All dates and timing are estimated, pending weather and unforeseen events**

## Legend

- Property Line
- Line 1 track
- Line 2 track
- Existing Station (below grade)
- Future Station (below grade)





# 81 Bloor Street East – Demolition of existing buildings for future Entrance/Exit Building and Electrical Substation



Current photo of 81 Bloor St E with project funding signs



Design rendering of future TTC entrance/exit/substation building at 81 Bloor St E

- As part of the major construction contract beginning as early as late 2024, the TTC is building a new accessible entrance and exit at 81 Bloor Street East (south side of Bloor Street) paired with a new electrical substation to power new and existing areas of the station and ventilation systems
- The TTC acquired two properties for the new entrance/exit building and electrical substation: 81 Bloor Street East and 40/42 Hayden Street.
- Demolition of buildings involves some sidewalk and road impacts on Bloor Street East and Hayden Street.
- The TTC has been proactively meeting with impacted neighbours: Bloor-Yorkville Business Improvement Area, 69 and 85 Bloor Street East about their concerns.



# 830 Church Street – Demolition of building for future Fan Plant Building



- As part of the major the construction work, TTC is constructing a new fan plant building for Bloor-Yonge Station.
- Demolition of the building at 830 Church Street will reduce the Sherlock Holmes Walk width at the south end. TTC owns the property (currently occupied by a carwash).
- The TTC has been proactively working with the Toronto Reference Library.

Recent photo of the carwash building at 830 Church Street

# Sherlock Holmes Walkway Public Art Mural On Construction Hoarding

## SHERLOCK HOLMES WALK MURAL PROJECT



StreetARToronto in Partnership with  
Toronto Public Library, Friends of the Arthur Conan Doyle Collection, and the Toronto Transit Commission



The TTC has partnered with StreetARToronto, Toronto Public Library and Friends of the Arthur Conan Doyle Collection on a temporary public art mural that will be installed on TTC's construction hoarding in two phases.

Final artwork was selected by a jury in 2022.

The artwork will be placed in Q2 2023 on the hoarding during the preparatory works.

The artwork will then be stored and re-installed during the main construction of the fan plant building in Q4 2024.

# | Main Construction Contract Update

- Construction expected to commence as early as late 2024\*
- Access to residential dwellings and business operations will be maintained
- The TTC is working with the City on maintaining access to pedestrian and cyclist routes with some diversions

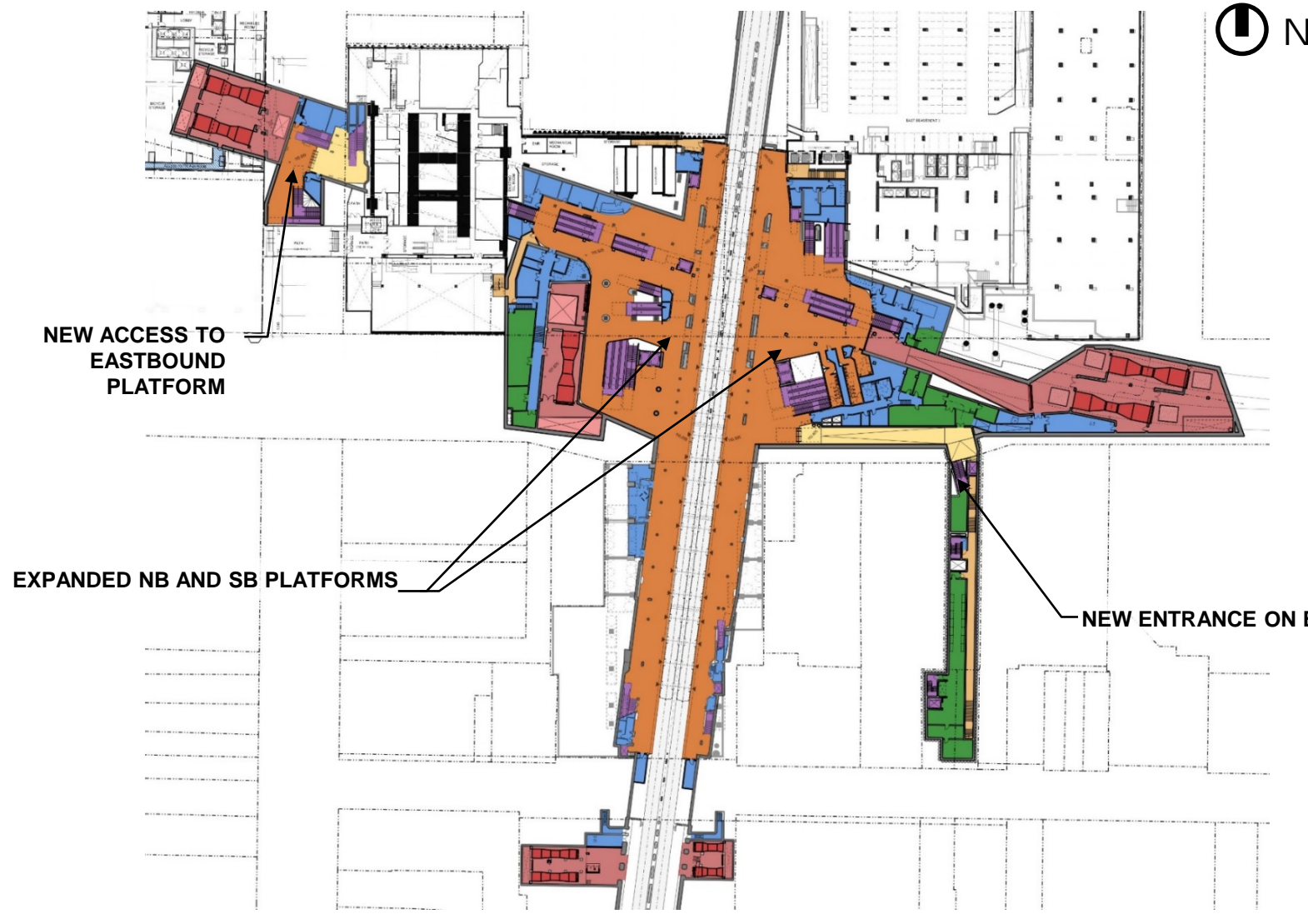
**\*All dates and timing are estimated, pending weather and unforeseen events.**



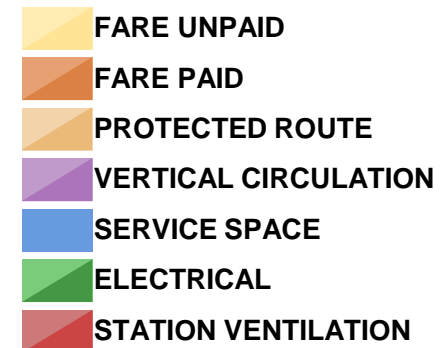
Cutaway rendering of Bloor-Yonge Station expansion

# Bloor-Yonge – Line 1 Platform Level

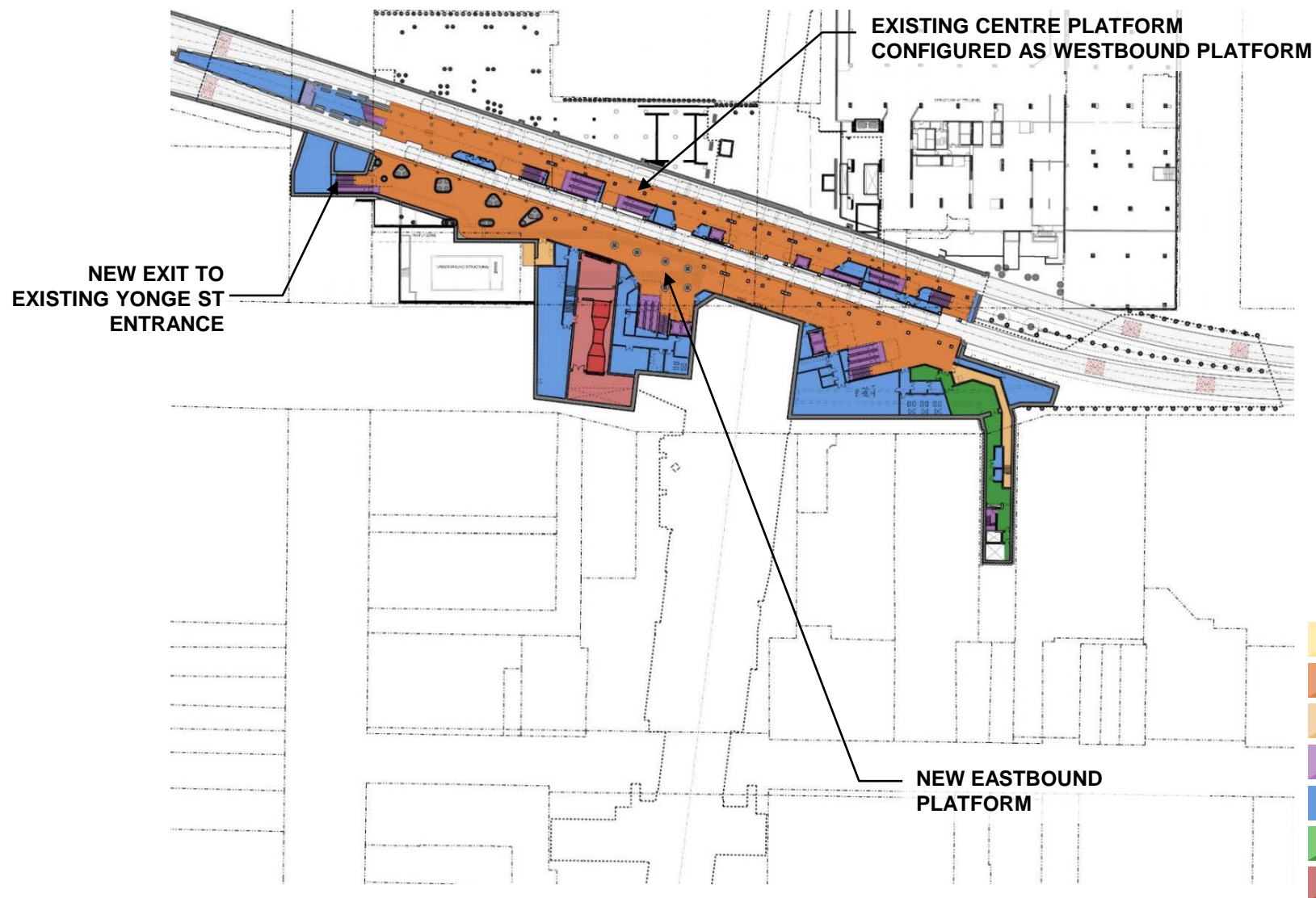
## Scope of Work



- Expansion of Line 1 NB and SB platforms
- New electrical substation
- New fan plants
- Vertical circulation elements: escalators, elevators, stairs
- Modified main entrance and fare line
- New accessible entrance on Bloor Street (south side)



# Bloor-Yonge – Line 2 Platform Level



## Scope of Work

- New second platform to Line 2 (eastbound)
- New fan plants
- Vertical circulation elements: escalators, elevators, stairs
- Convert existing centre platform to westbound platform



# Community Relations - Outreach and Engagement

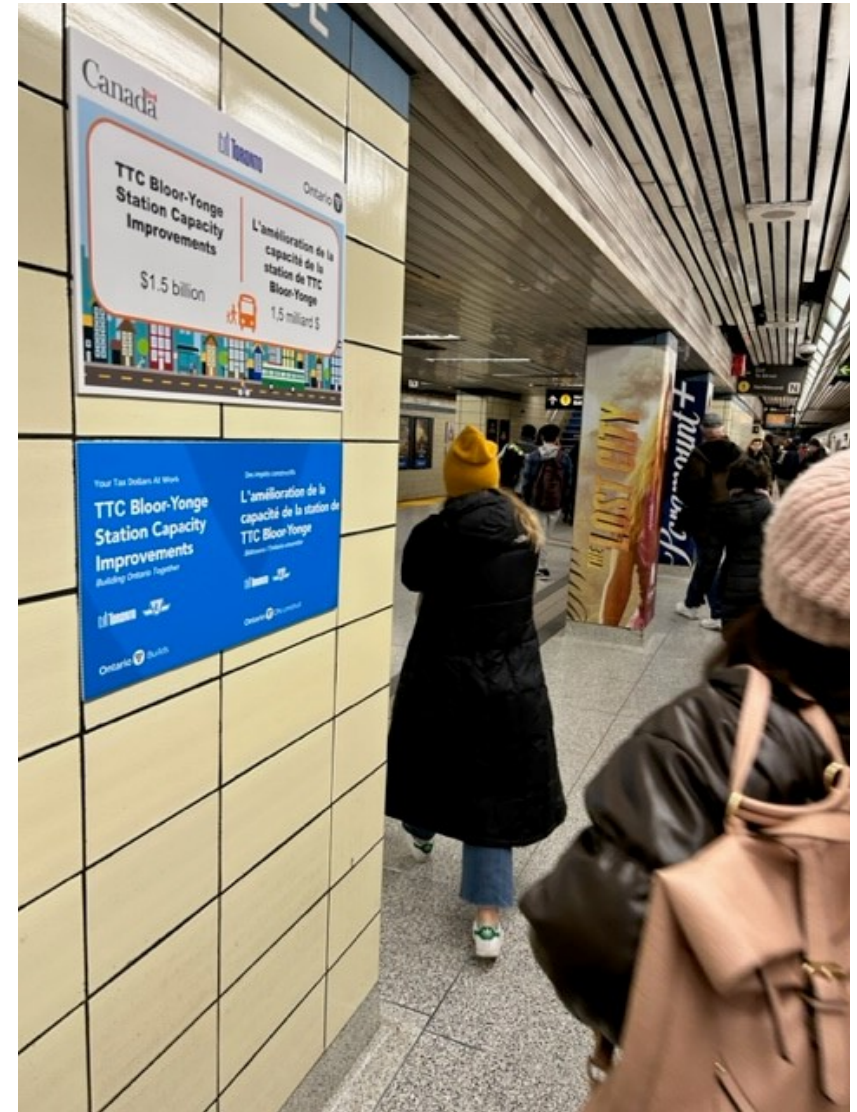
- The Community Project Information Office will open at 25 Hayden Street in Q2 2023.
- A project video showcasing station expansion and design scheduled to go online in Spring 2023.
- A construction notice flyer will be sent ahead of the preparatory construction in April 2023. Notice will introduce the project, provide contact information and community office information.
- Regular project and construction updates through website and TTC's social channels [www.ttc.ca/blooryonge](http://www.ttc.ca/blooryonge) (live)
- Project email: [blooryongeproject@ttc.ca](mailto:blooryongeproject@ttc.ca) (live)
- Project phone number: 416-472-2524 (live)



Future Community Project Office at 25 Hayden Street

# | Next Steps

- Project team to continue to meet with neighbours as major construction schedule becomes more defined.
- Communication updates will be provided to all interested parties as design progresses including construction notices to impacted businesses and residential properties.
- Signage will be displayed indicating “Businesses Open” during utility work.
- Public open house to be scheduled once the Progressive Design Builder is awarded.
- Website updated regularly: <https://www.ttc.ca/blooryonge>





# | TTC Contact

## Bloor-Yonge Project

- Community Office: 25 Hayden Street
- Email: [blooryongeproject@ttc.ca](mailto:blooryongeproject@ttc.ca)
- Phone: 416-472-2524
- Website: [ttc.ca/blooryonge](http://ttc.ca/blooryonge)
- [Mailing List Sign-up](#)



