

F.G. Gardiner Expressway Rehabilitation Project

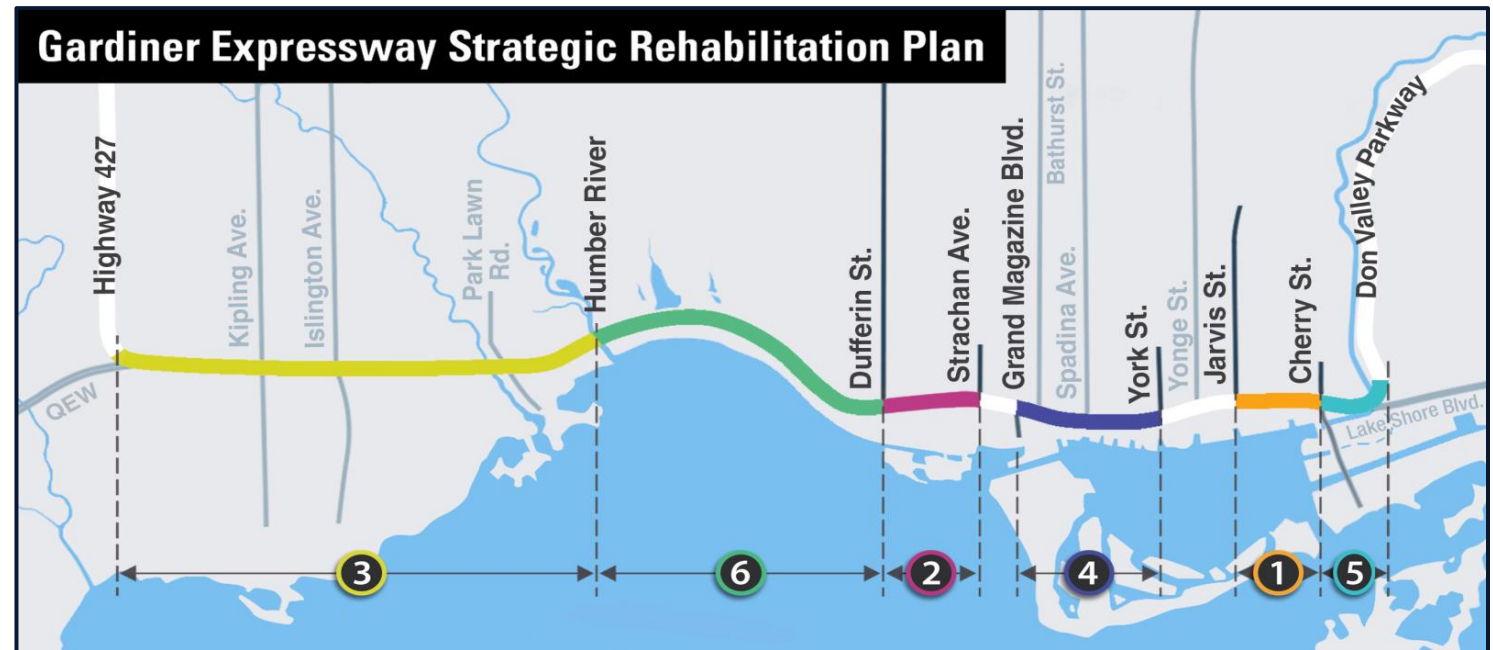
Dufferin Street to Strachan Avenue (Section 2)

Board of Governors of Exhibition Place Meeting

December 9, 2022

PROJECT OVERVIEW

- The City of Toronto is proceeding with **Section 2** of the F.G. Gardiner Expressway Strategic Rehabilitation Plan from Dufferin to Strachan. The project includes replacement of the Superstructure (girders and deck) and rehabilitation of the Sub-structure (bents).
- Parsons Inc. (Parsons) is the City's Owners Engineer & Technical Advisor.
- The project is currently in procurement for a Design-Build contractor. Design-build is a project delivery and management approach where the contractor takes on more responsibility for the design phase, as well as more overall accountability. This has the potential for a smoother construction process.
- Construction is anticipated to start in Q4 2023 and is expected to be completed by 2026.



PROJECT HISTORY

- The F.G. Gardiner Expressway Strategic Rehabilitation Plan was developed by the City of Toronto in 2014 and sets the framework for lifecycle renewal of the expressway from Highway 427 to the Don Valley Parkway (DVP).
- In December 2016, Toronto City Council approved the Revised Strategic Rehabilitation Plan which includes the use of innovative construction methods to reduce the time and impact of construction (e.g. Accelerated Bridge Construction).
- In June 2018, the City's Public Works and Infrastructure Committee approved the contract award for the first project of the rehabilitation plan (Section 1) from Jarvis Street to Cherry Street (now complete).

PROJECT HISTORY

- Section 1 of the Rehabilitation Project was recently completed from Jarvis to Cherry Street. Rehabilitation of this section of the Gardiner will use a similar accelerated construction approach to the rehabilitation work completed for Section 1.
- An update was last provided to the Board on October 9, 2021. This presentation will provide an update on the overall project status.

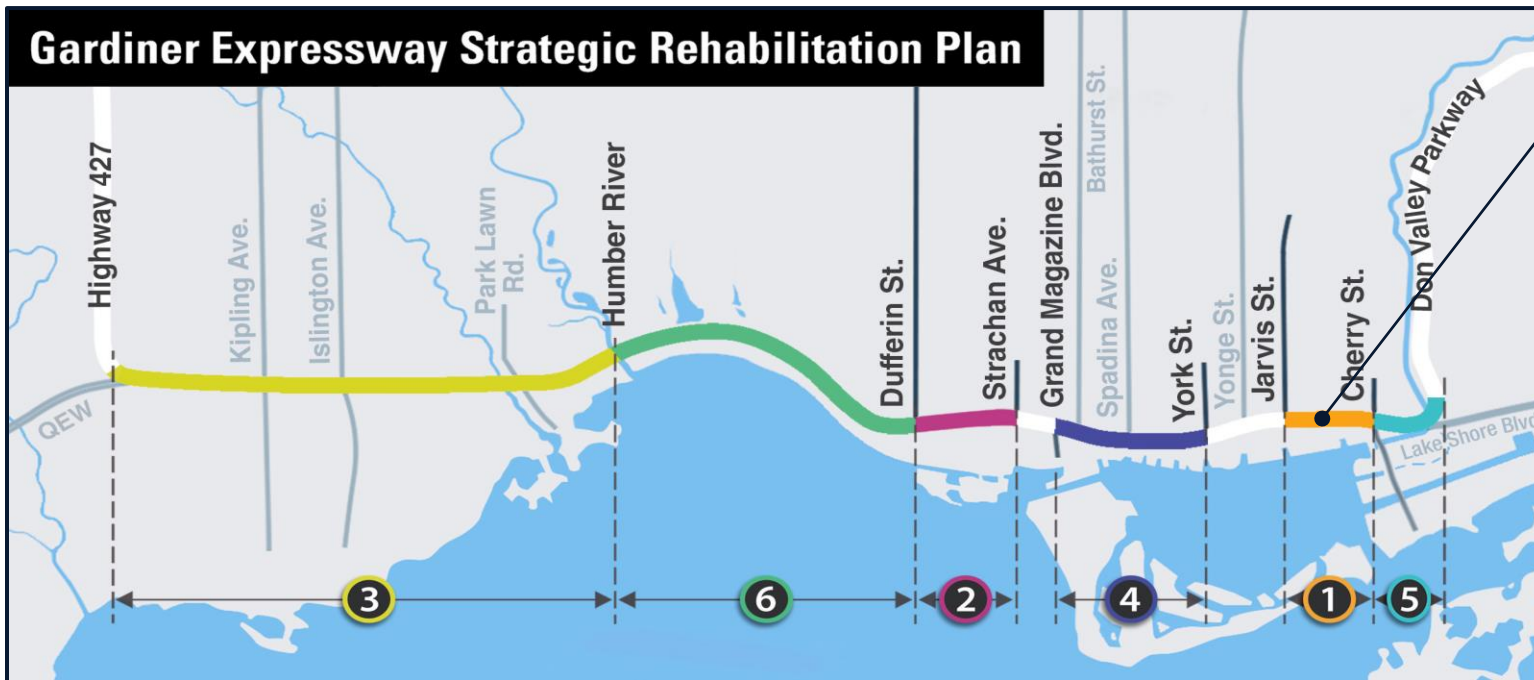


Photo Showing Section 1 Rehabilitation from Jarvis to Cherry



Photo Credit: City of Toronto

COORDINATION WITH MULTIPLE PARTIES

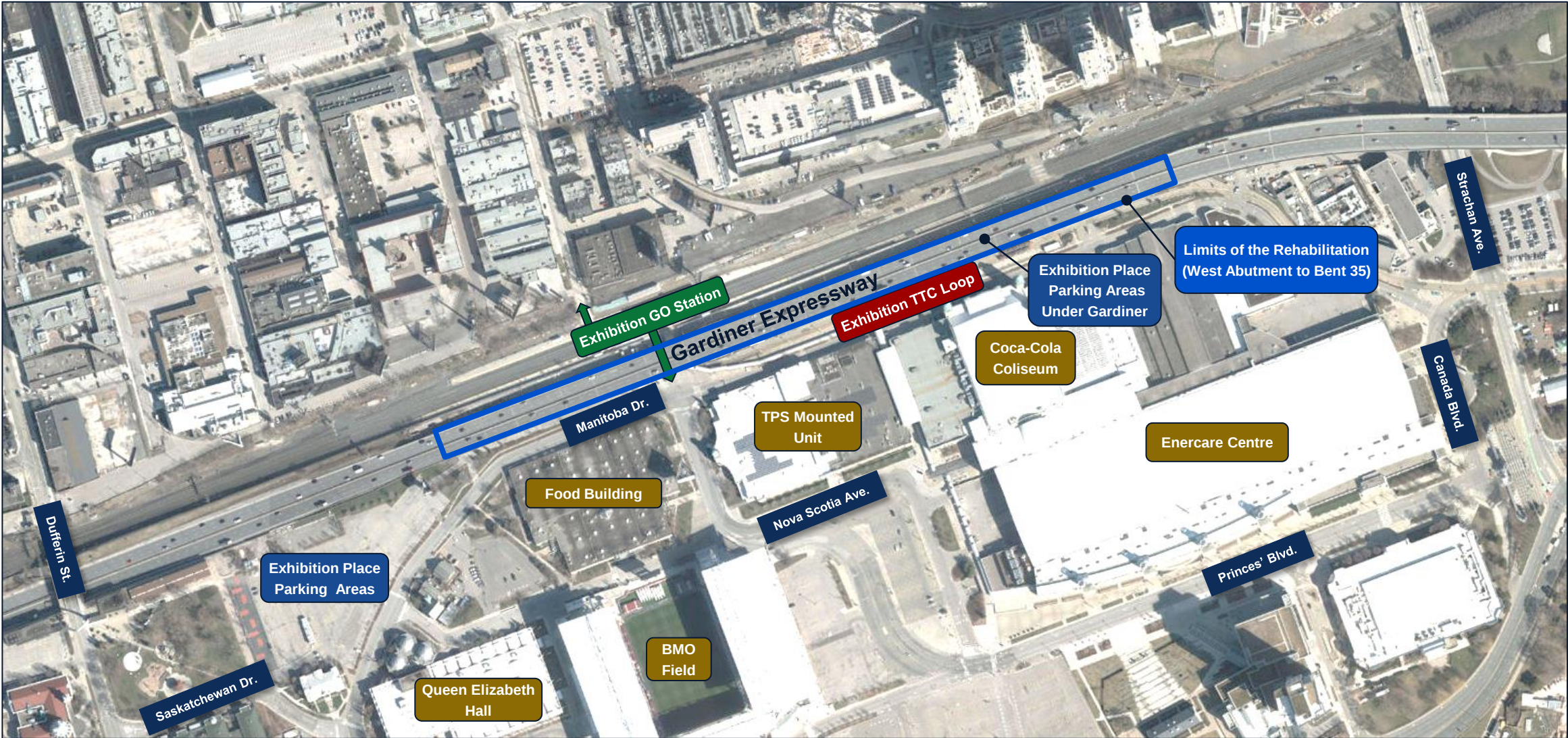
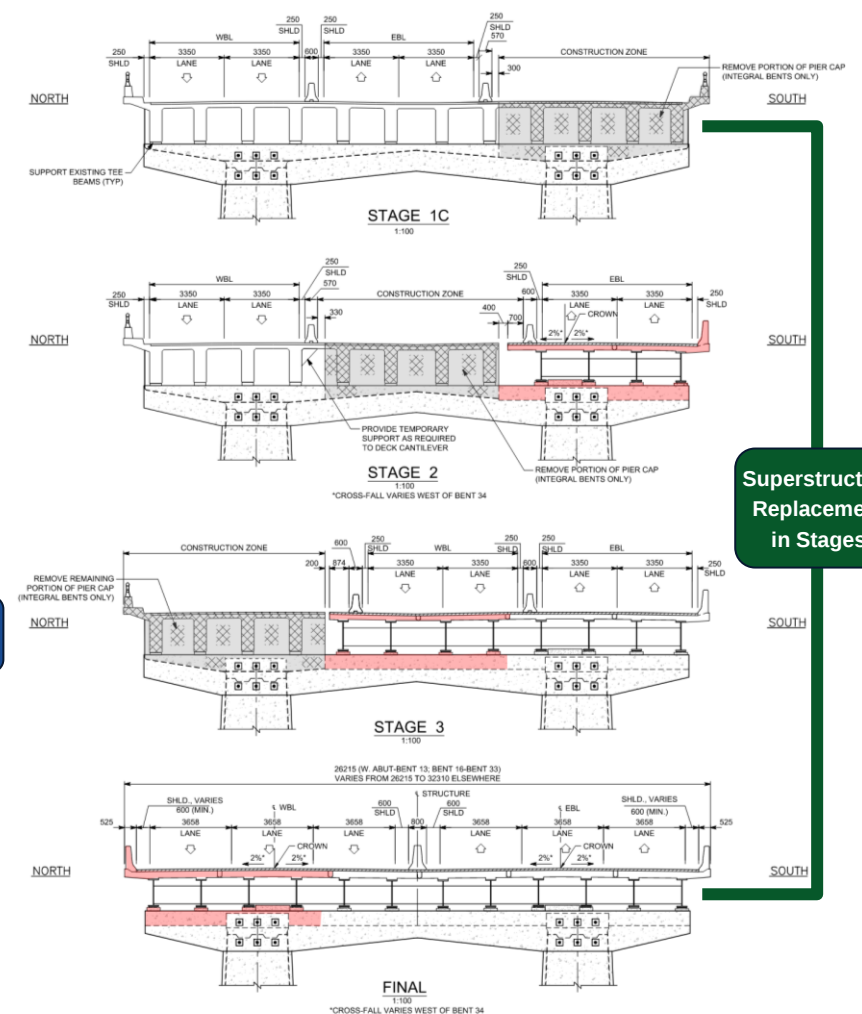
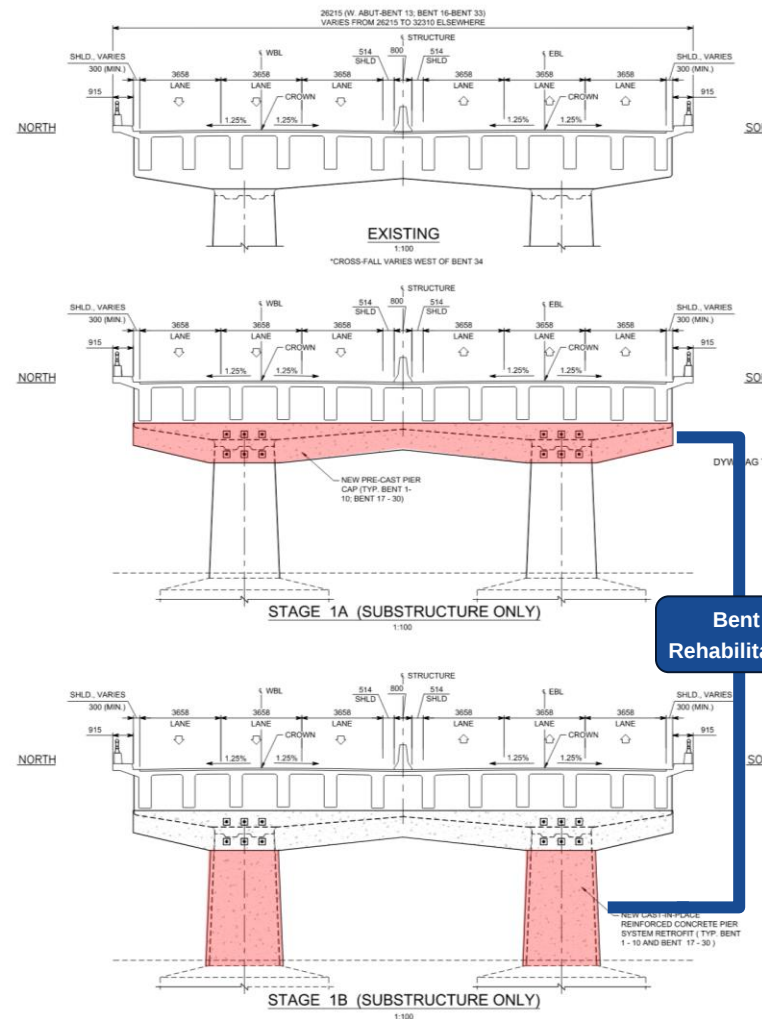


Photo Credit: City of Toronto

COMPONENTS AND APPROACH TO REHABILITATION

- **Work is expected to be completed in three key phases based on a Reference Concept Design.**
- **Initial works will include rehabilitation of the “bents”, followed by the main superstructure (deck).**
- **The Design-Build contractor will complete a detailed design to determine the final design details and sequencing of construction.**

Reference Concept Design



Superstructure Replacement in Stages

CONSTRUCTION COORDINATION AT EXHIBITION PLACE

- The area around the Gardiner Expressway is home to Exhibition Place and is the location of over 1200 annual events.
- The City and Parsons continue to work collaboratively with Exhibition Place staff to assess event requirements and plan for staging of the work, including for events such as:
 - Honda Indy
 - Canadian National Exhibition (CNE)
 - Royal Agricultural Winter Fair
 - Sporting Events (BMO Field, Coca-Cola Coliseum)
 - FIFA Soccer Tournament (in 2026)



Photo Credit: Exhibition Place

CONSTRUCTION COORDINATION AT EXHIBITION PLACE

- The project team is actively collaborating with the adjacent Metrolinx Ontario Line project to coordinate staging of the two projects.

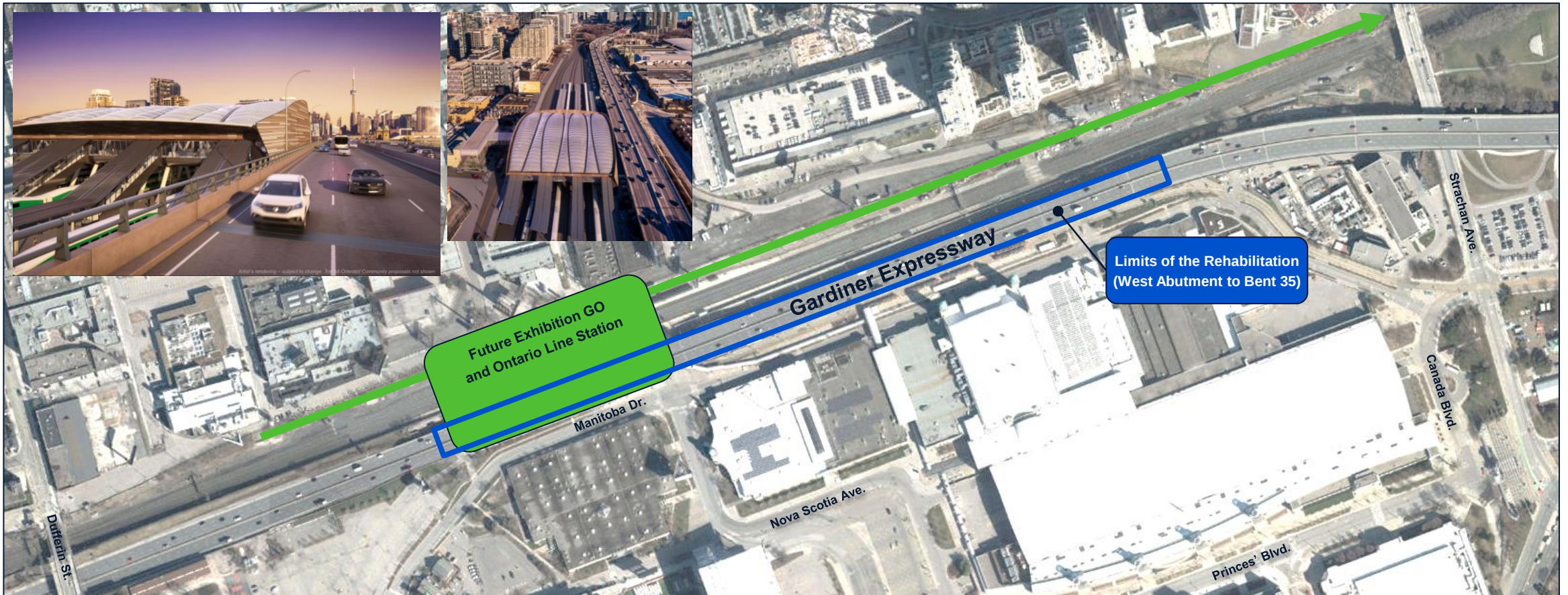
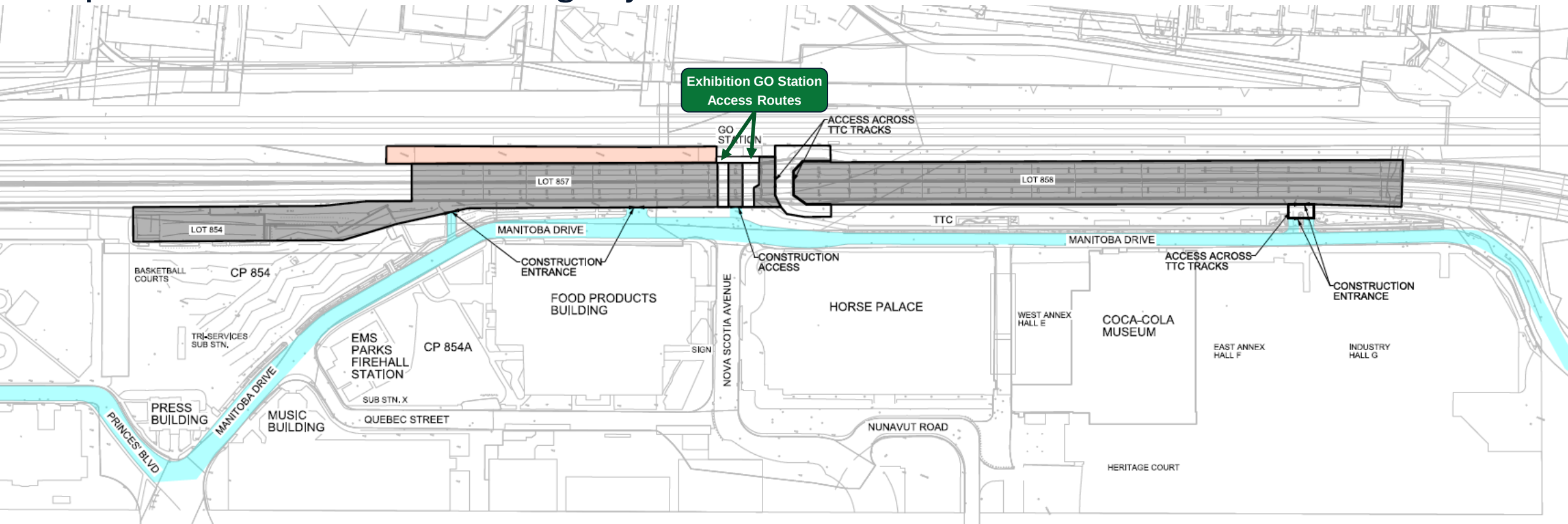


Photo Credit: City of Toronto | Metrolinx (ontario-line-subway-project-breaks-ground-at-exhibition-station-see-the-new-renderings-released)

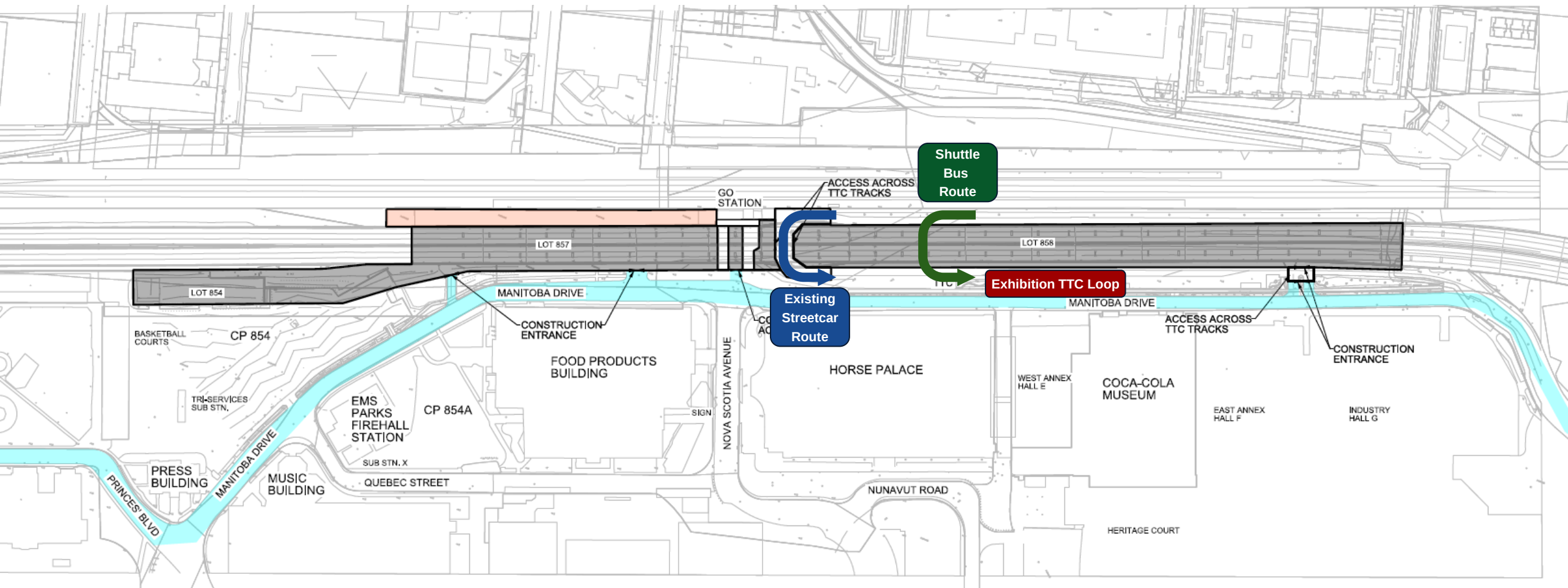
CONSTRUCTION COORDINATION AT EXHIBITION PLACE

- Lots 857, 858 and a portion of 854 will be utilized for staging (laydown areas) during construction activities.
- Pedestrian access at the Exhibition GO station will be maintained during construction with extra space provided under the Gardiner during major events.



CONSTRUCTION COORDINATION AT EXHIBITION PLACE

- When structural works are underway at the TTC Exhibition Loop for a limited durations, shuttle bus services will operate within the TTC Exhibition Loop to continue providing access to the existing station.



NEXT STEPS

- Continue to coordinate with Exhibition Place prior to and during construction, including with adjacent projects such as the Metrolinx Ontario Line.
- Procurement of a “Design-Build” Contractor.
 - An RFP was posted to pre-qualified proponents in October 2022; Bidders have approximately 8 months to submit their detailed proposal.
 - Proposals will then be evaluated by the City’s Procurement and ECS departments for the best solution, based on several criteria, such as the proposed design details and construction approach.
- Undertake broader outreach to the Exhibition Place community and general public in 2023 prior to construction.
- Proceed to construction, anticipated to start in Q4 2023 and is expected to be completed by 2026.