

F.G. Gardiner Expressway Rehabilitation Project

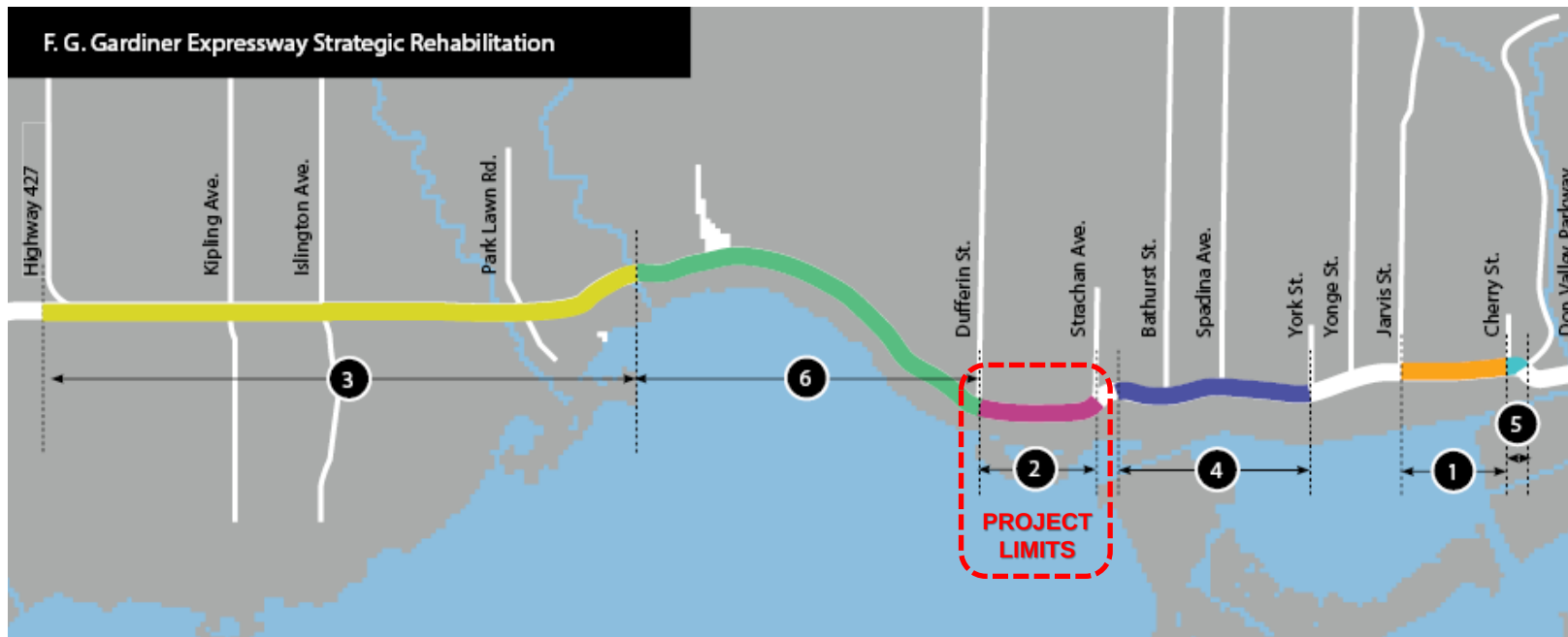
Dufferin Street to Strachan Avenue (Section 2)

Board of Governors of Exhibition Place Meeting

October 29, 2021

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, currently preparing a Reference Concept Design (RCD) for the rehabilitation project.
- Construction is expected to commence by early 2023 and take approximately three years (tentative).



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).
- 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.

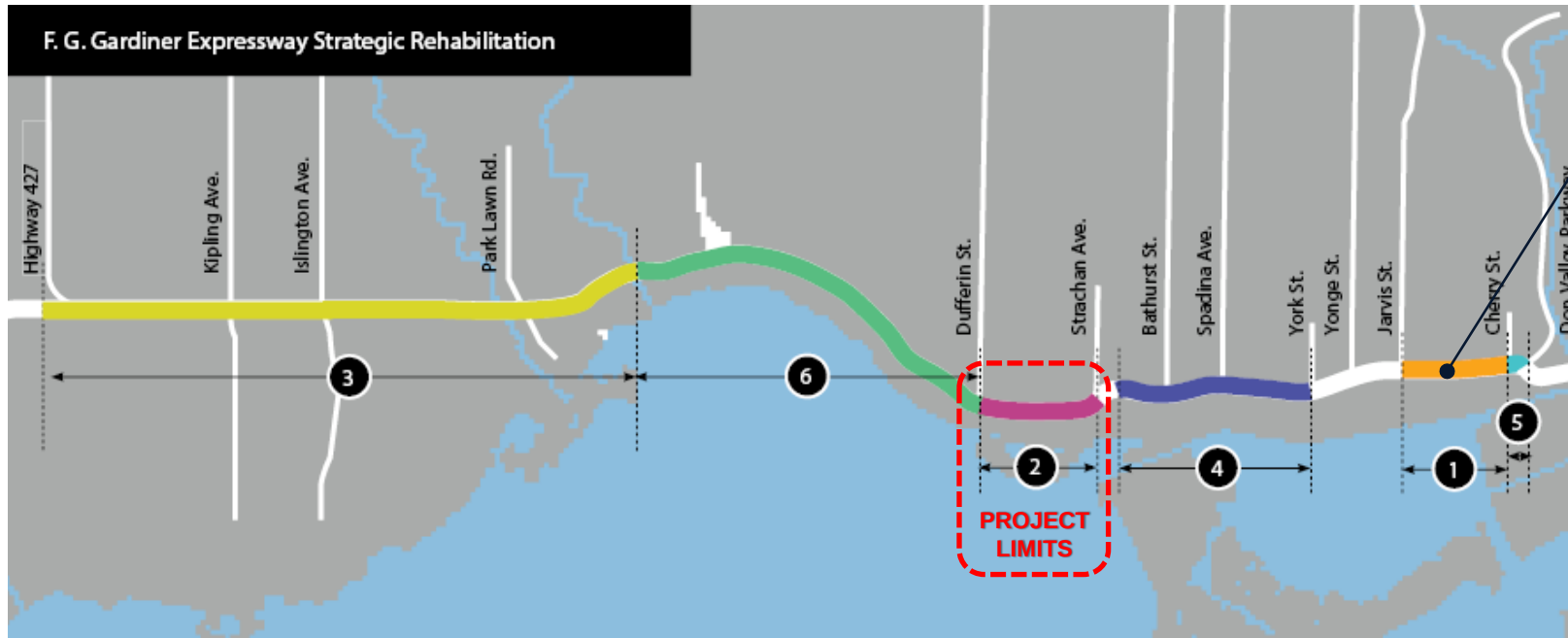


Photo Credit: City of Toronto

SITE CONTEXT

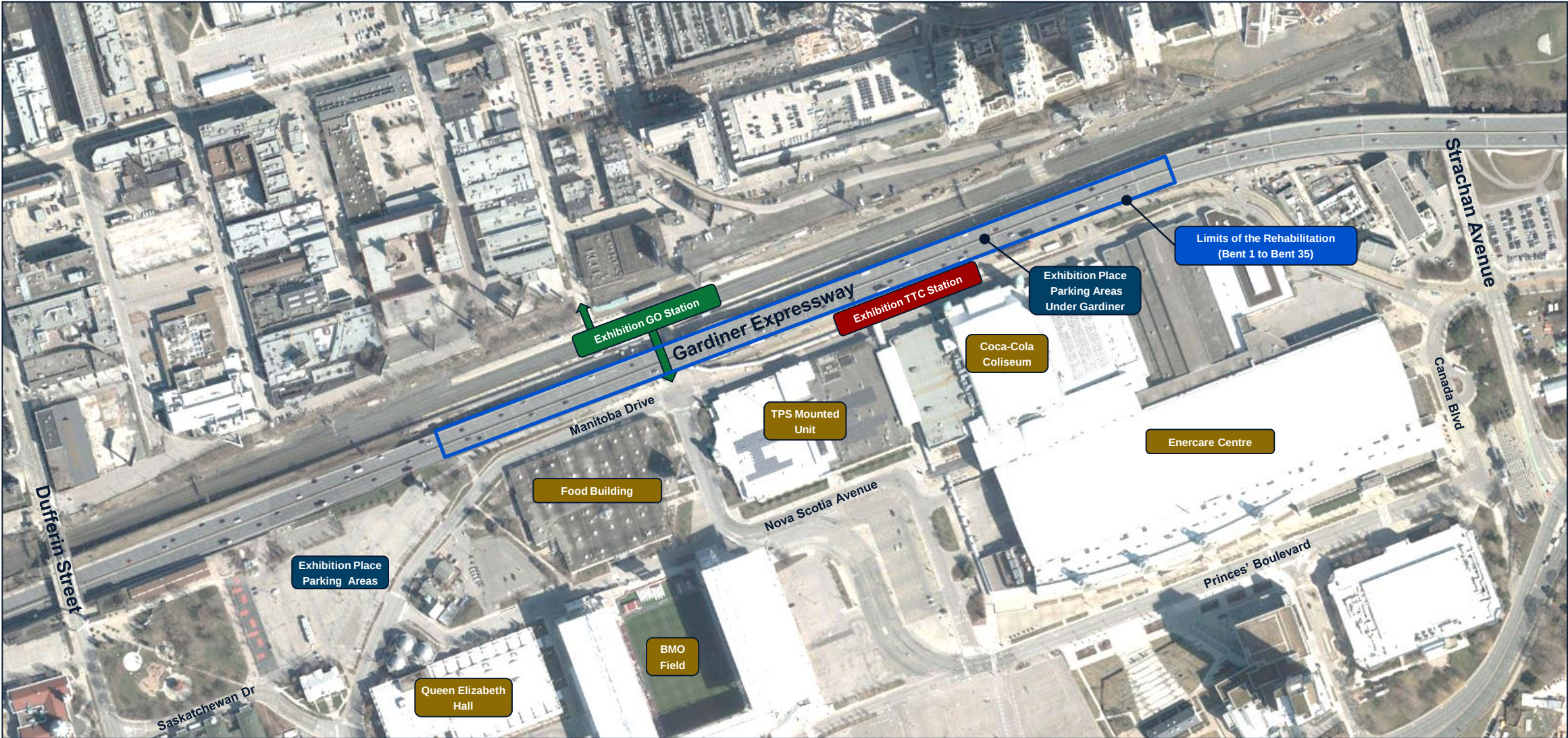
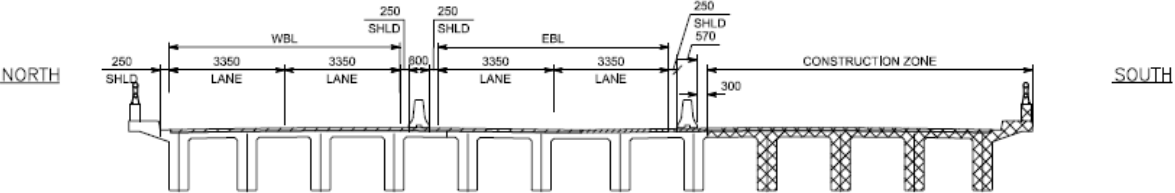


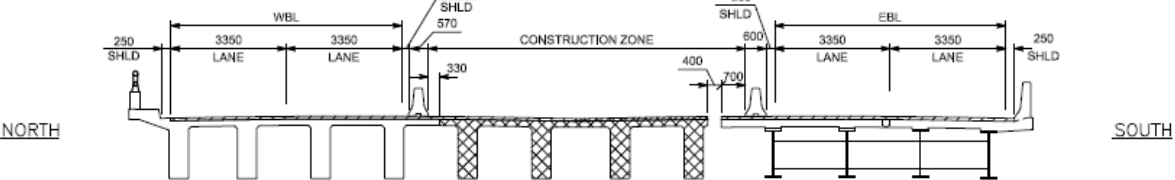
Photo Credit: City of Toronto

CONSTRUCTION STAGING

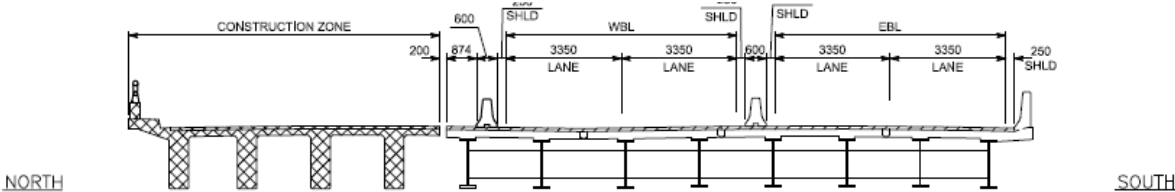
Work is expected to be completed in three key phases over different construction seasons, with work on the sub-structure (bents) started first.



Stage 1: Shift lanes to north side
Construction zone on south side



Stage 2: Shift lanes to outside
Construction zone in centre



Stage 3: Shift lanes to south side
Construction zone on north side

Typical Construction Phase:

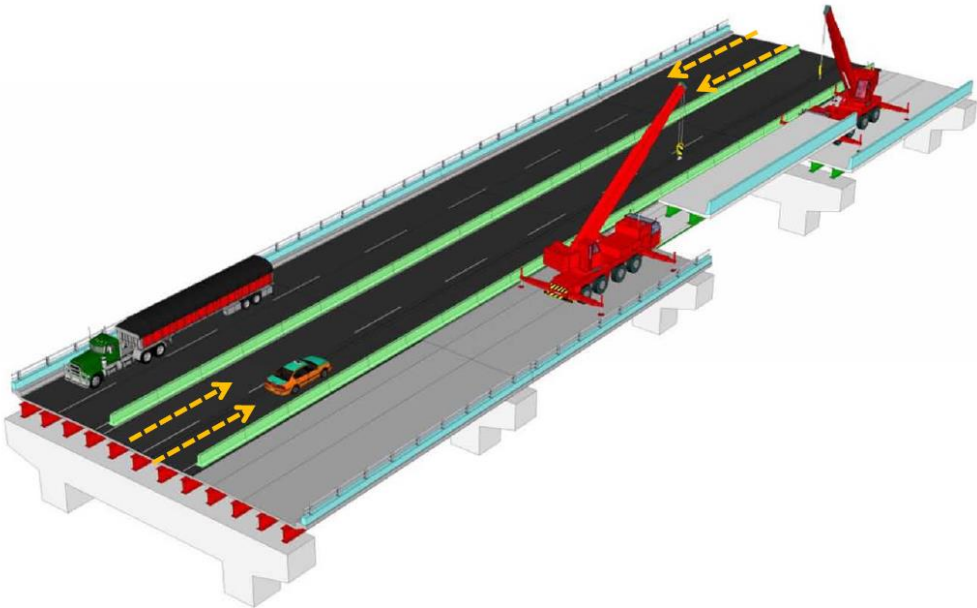


Photo Credit: City of Toronto

CONSTRUCTION COORDINATION AT EXHIBITION PLACE

- The City and Parsons are working collaboratively with Exhibition Place staff to assess event requirements and plan for staging of the work.
- Individual meetings are taking place with groups such as the Honda Indy, Canadian National Exhibition (CNE), Royal Winter Fair and others to provide an early overview of the planned work, understand event needs and timelines.
- The objective is to minimize impacts to these events to the greatest extent possible during construction.
- Discussion is also on-going with Metrolinx for coordination of the project in consideration of early and future works for the Ontario Line.

CONSTRUCTION COORDINATION AT EXHIBITION PLACE

Rehabilitation of the Gardiner Expressway will require ground-related construction activity for rehabilitation of the bents and access at the following key locations:

Under the Gardiner at Parking Lots and Storage Areas



At Exhibition GO Station



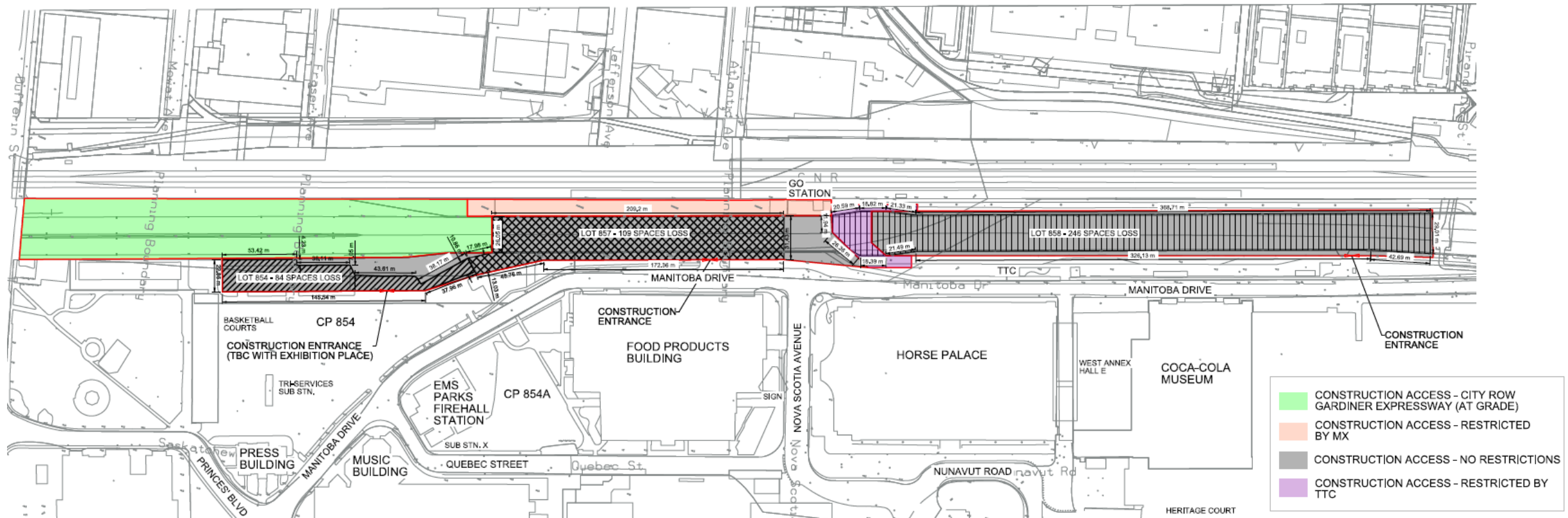
At the Exhibition TTC Streetcar Loop



Photo Credits: Parsons

CONSTRUCTION COORDINATION AT EXHIBITION PLACE

- The following parking areas will be utilized during construction activities.
- Access requirements to the staging lots are being reviewed in coordination with Exhibition Place staff and the major events which take place at Exhibition Place.



NEXT STEPS

- **The Gardiner Project Team is preparing documents for procurement of a Design-Builder and working with Exhibition Place and area stakeholders to:**
 1. Identify access requirements during major events;
 2. Plan for and coordinate construction access needs around and under the expressway for construction activities such as bent rehabilitation;
 3. Limit disruption to TTC Streetcar and GO Transit Rail services in the project area during critical project activities such as overhead deck removal and replacement;
 4. Coordinate with planned adjacent works including the Ontario Line; and
 5. Document project requirements for future stages of design and construction.