



## 2017 Construction Season

# UNION STATION RAIL CORRIDOR

**UNION STATION REVITALIZATION:** Union Station is Canada's busiest passenger transportation hub, with approximately 200,000 GO Train commuters passing through every day. Since it is a vital part of the journey in and out of Toronto, GO Transit and the City of Toronto are working together to restore it and make it easier for passengers to move quickly and comfortably in it. The historically designated trainshed roof will be restored, new lighting will be installed, and selected heritage restoration work will begin. The City of Toronto has opened a new GO concourse, while they re-develop the existing one and build a new lower retail level. These projects will provide increased circulation in the station, more stairs and elevators to train platforms and state-of-the-art communications, as well as operational features, while respecting the heritage of the station. Union Station Revitalization is an example of the Regional Transportation Plan in action. This highlights the construction in the Union Station Rail Corridor (USRC) for 2017.



### TRAINSHED REVITALIZATION:

Continued revitalization of the trainshed roof will occur into 2017. The improvements to the roof will protect customers from the weather and prepare Union Station for the increase in service.

### DON YARD EXPANSION:

The existing Don Yard storage facility needs to be upgraded and expanded to accommodate current and future growth in the Union Station Rail Corridor. Upgrading and expanding the Don Yard will allow trains to be serviced closer to Union Station and avoid using the corridor to move empty trains. Completion is scheduled for spring 2018.



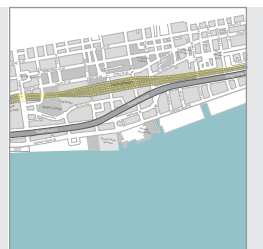
### SIGNALLING SYSTEM UPGRADES:

The Signalling and Train Control Improvement Program includes projects designed to improve reliability and service of the signalling and train control systems. Once complete the new system will reduce signal disruptions, increase recovery time and combine operations into one control centre, providing a more effective service. Completion is scheduled for 2021.



### SWITCH MACHINE REPLACEMENT:

Switches are used to move trains from one set of railway tracks to another. As part of the signalling system upgrades project, 183 switch machines (the mechanism that moves the switch) will be replaced within the corridor. These essential modernizations will allow for increased train speeds in and out of Union Station, giving customers more train trips with shorter travel times. Completion is scheduled for December 2017.



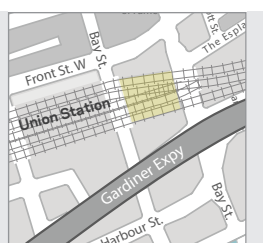
### CORRIDOR IMPROVEMENTS:

In 2017 various exploratory efforts will take place throughout the corridor, this work includes: geotechnical investigations, structural investigations, and environmental assessments. These efforts are preliminary works required prior to the start of any construction improvement projects.



### BAY CONCOURSE:

Work on the concourse continues into 2017. Customer improvements include additional platform access, entry to the new retail level below and an easier accessible connection through the TTC Union Subway Station.



- **BACK-UP BEEPERS:** Back-up beepers are an important safety device on all commercial and construction vehicles. The volume, frequency and pitch of the beeping is regulated and cannot be altered in any way.
- **MAINTENANCE/ON-GOING WORK:** General scheduled maintenance and repair of Union Station Rail Corridor are ongoing. Usually GO is able to complete this work during the day but on occasion, may require some night-time work.