

# Davenport Diamond Guideway Construction Progress Update for CLC Members

**September 2022**

## **COMPLETED**

### **640 Lansdowne Avenue - Contractor's Yard**

As Elevated Guideway construction continues with girder installation, construction activity and truck traffic at our yard located at 640 Lansdowne Avenue, at the corner of Paton Road is ongoing.

Truck traffic is increased due to frequent concrete girder deliveries into the yard via large tractor trailers and regular girder transportation from the yard into the rail corridor via self-propelled modular transporters (SPMTs).

Within the yard, crews will be post-tensioning the girders and a gantry crane will be used to offload the girders.

Anticipated completion date is September 2022.



### **Temporary MSE (Mechanically Stabilized Earth) Wall - South of Bloor**

Due to difference in ground elevation between the new mainline track on the west side of the corridor and the diversion track on the east side of the corridor, a temporary shoring wall is needed. We will be utilizing an MSE wall similar to what is already installed on the Project for this as the combination of panels and straps allows a vertical wall to support the difference in ground elevation between the two sides of the corridor.

Crews are currently preparing the area south of Bloor for the temporary MSE wall by completing ground improvements to ensure the ground can support the wall structure. Installation of the MSE panels will begin in August 2022.

## **IN PROGRESS**

### **Electrical and Communications Rooms**



Work is ongoing on the Electrical and Communications Rooms. The installation of duct banks and floor slabs within the structures is complete. Masonry walls and doorframes are also complete. Assembly of the roof and finishings are in progress.

### **Elevated Guideway - Girder Installation**



The elevated guideway portion of the project is made up of precast concrete girders that will eventually support the track.

With the girders in place over the Dupont Bridge, girder installation is ongoing for the remaining sections of the elevated guideway. Girders are transported from the Lansdowne Yard into the corridor at Wallace Avenue and lifted with the gantry crane then “launched” to final position.

Estimated completion: ~~September 2022~~ October 2022

### **South MSE (Mechanically Stabilized Earth) Wall - Construction**

Construction for the south MSE wall between Bloor Street West and Wallace Avenue is underway.

The panels fit together like puzzle pieces to keep everything in, and the combination of panels and straps allows the wall to be built with a near vertical face because of the tension produced by the straps.

We are currently working on panel installation on the sections of wall from Bloor St to Wallace Ave as well as noise wall foundation installation.



### **Bloor Street Utility Work**

Utility work has begun on the south sidewalk and will continue throughout September. Crews will then move to the north side of Bloor Street and complete utility work within the north sidewalk.

## **UPCOMING WORK**

### **Wallace Bridge Girder Erection**

What to expect:

The work is scheduled to take place from Friday, October 07 to Sunday, October 23, 2022

Local residents and businesses can expect that there will be no motorist, cyclist, or pedestrian access on Wallace Avenue, between Symington Avenue and Lansdowne Avenue.

Detours will be in place via Dupont Street and Bloor Street.

Through-traffic at the rail crossing during bridge installation process is prohibited.

Closure and detour signage will be in place.

Throughout the work there will be noise, lighting, construction trucks and supporting equipment. Two cranes, a transport truck and additional support equipment are anticipated. The area will be lit; however, the lighting design has been chosen to have the least amount of an impact on the neighborhood's residents and businesses.

Parking/Traffic restrictions start on October 05.

Friday, October 7th from 18:00 to Tuesday, October 11th at 06:00 - 24hrs Shift.

From Tuesday, October 11th at 18:00 to October 23rd at 06:00. - Night shifts (18:00 to 06:00)