

Davenport Diamond Guideway Construction Progress Update for CLC Members

October 2022

Construction Activity - COMPLETED

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 Wallace Bridge, girder installation has been completed for the elevated guideway.



South MSE (Mechanically Stabilized Earth) Wall

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

Similar to the north MSE wall, it is a massive soil structure that has been strengthened by placing reinforced straps in horizontal layers throughout the height of the wall that are connected to pre-cast concrete panels.

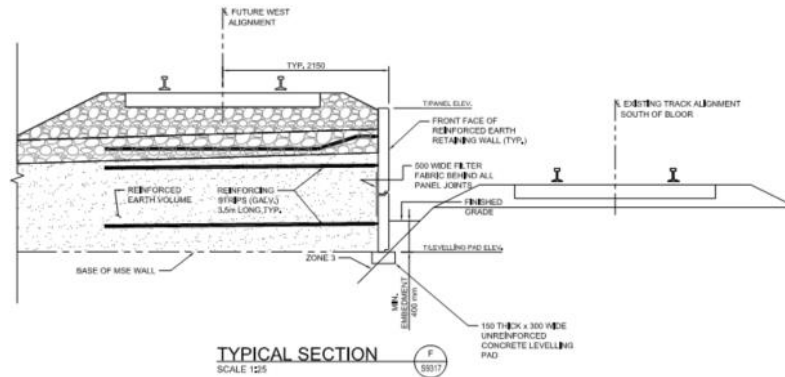
The panels fit together like puzzle pieces to keep everything in, and the combination of panels and straps allows the wall to be built with a near vertical face because of the tension produced by the straps.



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.

Installation of the MSE panels for this temporary wall was completed in September 2022.



Design sketch of MSE wall between Mainline track on west and existing Diversion track on east

Construction Activity – 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 door frames are also complete. Assembly of the roof and finishing are in progress.



Design rendering of Electrical and Communications Rooms and Egress Stairway.

Bloor Street Utility Work

Utility work with crews has begun on the south sidewalk and will then move to the north side of Bloor Street and complete utility work within the north sidewalk.

What to expect:

- Monday to Friday, approximately 7 a.m. to 6 p.m.
- Construction activity, vibration and noise
- Expected duration: To December 2022
- Residents in the area can expect sidewalk closures during work – pedestrians will be detoured to opposite sidewalk during work to maintain pedestrian and worker safety
- Notices of construction distributed to neighbourhood and community groups, posted online, and sent to local elected officials

Noisewall Installation – Elevated Guideway

What to expect:

- The work is scheduled to take place from Tuesday, October 11 to Monday, November 28, 2022. Weekend work will only be as required.
- Nightly parking restrictions and overnight work in the Metrolinx corridor will be from 20:00 – 07:00
- Nightly street parking restrictions on Antler Street between Symington Avenue and the Metrolinx rail corridor. There will be no impacts for sidewalks and driveways along Antler Street from Tuesday October 11 to November 28 between the hours of 20:00 to 07:00.
- Local residents can expect construction activity, noise, and lights. Crews will be using equipment in the corridor that will include a boom truck, pickup truck, crane and generators. General construction noise can be expected overnight, but there is no intention to exceed or violate any noise limitations
- Notices of construction distributed to neighbourhood and community groups, posted online, and sent to local elected officials

