

CONSTRUCTION FACT SHEET: Finch West LRT Project

We're Building Up Finch West



BUILDING THE FINCH WEST LRT STATION

The station is a large underground box, about 168m long and 17m wide. When completed, it will house:

- A two-storey main entrance building on the southeast corner of Finch Avenue West and Keele Street
- At least one elevator, two escalators, and stairs to direct people from the street to the concourse level
- Fare gates located at the concourse level
- A concourse level that connects to the upper level platform where the LRT vehicles stop for people to board and exit trains. It also connects to the TTC system
- Station equipment such as communications, power, ventilation, maintenance

The Finch West Station will be just under 11m deep for passenger circulation from the street level to the LRT station platform, which will be constructed above the existing Finch West TTC station.

PREPARING THE SITE

First, wet (water, sanitary sewer) and dry (cable, telephone and internet) utilities are moved out of the area selected for the LRT station box. Then, Finch Avenue West northeast and northwest corners will be widened. Next, excavation work will begin for the installation of wood and steel decking, the temporary street surface. The decking will be installed in stages, on the east, then west side of the street.

EXPECT TRAFFIC CHANGES

Portions of the street where the utilities are being located will be closed and transit stops may be moved. During excavation of the street for the wood and steel decking, areas of the road where the work is taking place will be closed. Once the wood and steel decking is installed, traffic and transit will return to normal, allowing construction to take place safely below it.



REMOVING EARTH

While earth is removed from the area to be used for the station box, a support of excavation wall (otherwise known as shoring) will be installed around the perimeter to support the ground. Once the crew excavate to the depth of the station box, construction of the LRT station will begin.

CONNECTING THE LRT TO TTC

A pedestrian tunnel will be constructed underground from the LRT station to the TTC subway.

For the light rail vehicles to travel in both directions to and from the Finch West LRT station, two parallel tracks will be constructed under Finch Avenue West. They will be approximately 8m apart and about 8m deep below ground. Noise and vibration are expected but will be continuously monitored and controlled.

FINCH WEST LRT



WHAT'S HAPPENING NOW?

The project is progressing in 2019 and by the end of the year construction will be underway at several LRT sites along Finch Avenue West. Since the start of the year, Mosaic Transit Group has been busy with preparatory work, such as testing soil quality and condition as well as other geotechnical activities along the LRT corridor. Mosaic is setting up site offices at a maintenance and storage facility for the light rail vehicles, to be located on Finch Avenue West between York Gate Boulevard and Norfinch Drive. Crews have cleared the site and installed fencing around the site perimeter. Similar work will take place at other LRT sites on Finch Avenue West corridor, including the site of the new Finch West LRT station at Keele Street, Highway 400 bridge, Humber College and Highway 27.

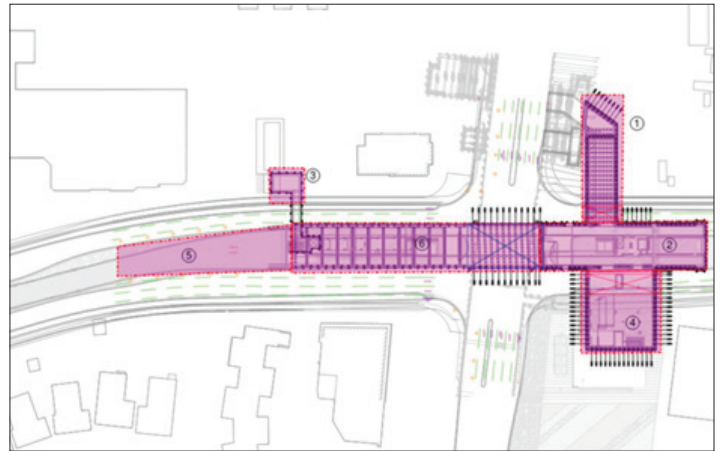
CONSTRUCTION IMPACTS AND MITIGATION MEASURES

Some of the impacts from constructing the Finch West LRT station may include:

- Noise, dust and vibration at the above-ground work sites
- Noise and vibration from below ground construction activities
- Traffic impacts from temporary lane closures
- Increased trucks along Finch Avenue West
- Dirt/mud from construction sites.

Mosaic Transit Group will be a good neighbour and work to minimize the impact of construction, where possible.

- Most construction will take place from 7 am to 6 pm
- Information will be provided in advance so residents can plan to reduce the impact of lane closures
- Truck haul routes will be specified
- Equipment to reduce noise will be installed
- For the safety of the public and workers, fencing will be installed around work areas



Technical Drawing of the Finch West Station.

CONSTRUCTION STAGING AREA

The southeast/northeast lot on the corner of Finch Avenue West and Keele Street will be used as a laydown area – for construction equipment and activities as well as construction trailers.

ADDITIONAL INFORMATION

More information about the LRT construction is available on Metrolinx's website: www.metrolinx.com/finchwestlrt

CONTACT US!

✉ Email: finchwest@metrolinx.com

🐦 Find us on Twitter, Facebook and Instagram: @finchwestlrt

📶 Visit the website: www.metrolinx.com/finchwestlrt

☎ Call 416-202-6500

Visit our Community Office:

2540 Finch Avenue West, Toronto, Ontario M9M 2G3

Hours of Operation:

Monday, Wednesday and Friday: 9 am – 5 pm
Tuesday and Thursday: By appointment