

TBM Update: Elsie arrives at Mount Pleasant Station; Phyllis is en route

January 24, 2023

The Broadway Subway Project Corporation (BSPC) is in your neighbourhood building the Broadway Subway Project. The first tunnel boring machine (TBM) Elsie arrived at Mount Pleasant Station on January 23. Meanwhile the second TBM, Phyllis, continues on her journey from Great Northern Way towards the future Mount Pleasant Station.

What to Expect

The TBMs may create some minor vibrations noticeable at the surface, similar to when large equipment is operating in the area. As part of the preparation for tunneling, crews performed extensive geotechnical work to understand the underground conditions. In addition, a monitoring system has been implemented across the tunnel alignment.

Residents and businesses in the area can expect a period of elevated noise while the TBMs bore approximately 15-20 metres below the surface, and when Elsie begins boring through the west wall to leave Mount Pleasant Station in a few weeks, which will decrease as she moves further underground towards Broadway-City Hall Station. People may also notice additional noise at the Mount Pleasant Station site related to other construction activities.

Measures being taken to mitigate noise include:

- Conducting noisier work during the daytime to reduce nighttime disruption
- Using white noise backup signals on equipment
- Installing noise barriers around specific equipment and on construction fencing
- Monitoring noisy activities so that mitigation measures can be adapted as needed

Work Hours

When the TBMs are boring between stations, they may operate up to 24 hours a day, seven days a week. Hours of work vary for other construction activities at the Mount Pleasant Station, and up-to-date working hours are available on our website at broadwaysubway.ca/construction.

Contact the Project



**24/7 Construction
Information Line**
1-844-815-6114



Project Information
broadwaysubway.ca
broadwaysubway@gov.bc.ca



Work on the Project
bcib.ca
info@bcib.ca