

# Lakeshore East Rail Corridor: Warden and Danforth Bridges

February 2024 to July 2024

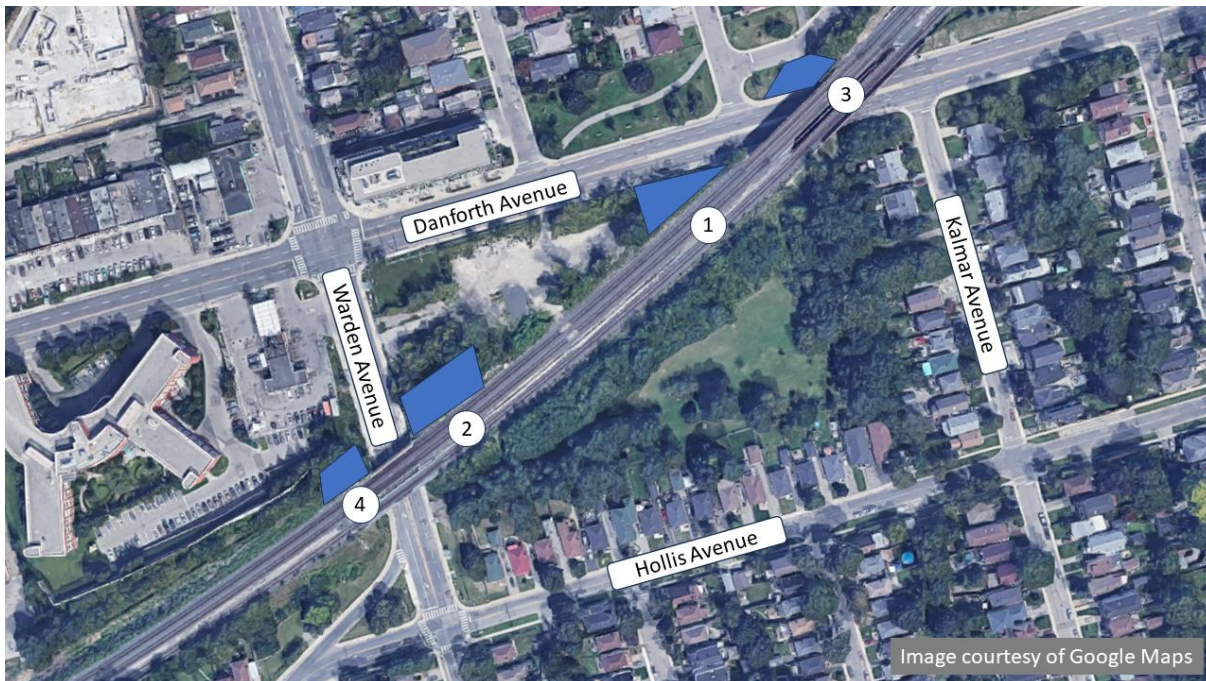
## What work is happening?

Piling and Temporary Shoring works will be carried out on the north side of Warden and Danforth Bridges so they can be widened to accommodate future GO transit services.

Starting as early as February 12<sup>th</sup>, 2024, for a period of 20 weeks, construction work will be carried out in four phases, with works taking place during the day and overnight. Crews will work between the two bridges, depending on the stage of work.

Following piling methods will be used: drilling with caisson (or rotary) piling. Drilling piles are installed using a drilling rig machine. Auguring, or rotary piling, drills an opening into the ground to place a steel H-pile within it. Although the technique is less disruptive, it is still noticeable to surrounding areas.

Temporary Shoring includes installing lagging and tiebacks, which will continue for both bridges.



## Temporary Shoring:

Location on map	Tentative Start Date	Expected Duration	Hours of work	What to expect
1 - Warden Bridge East	Mid- February	Approx. 4 weeks	Night shift	Temporary Shoring (installing Lagging and Tiebacks) for four weeks.
2 - Danforth Bridge East	Early April	Approx. 6 weeks	Night shift	Temporary Shoring (installing Lagging and Tiebacks) for six weeks.
3 - Warden Bridge West	Early June	Approx. 4 weeks	Night shift	Temporary Shoring (installing Lagging and Tiebacks) for six weeks.

## Permanent Piling

Location on map	Tentative Start Date	Expected Duration	Hours of work	What to expect
1 - Danforth Bridge West	Mid- February	Approx. 6 weeks	Day shift	Daytime drilling piling for 6 weeks.
2 - Warden Bridge East	Early April	Approx. 2 weeks	Day shift	Daytime caisson piling for 2 weeks.
3 - Danforth Bridge East	Mid - April	Approx. 5 weeks	Day shift	Daytime drilling piling for 5 weeks.
4 - Warden Bridge West	Early June	Approx. 2 weeks	Day shift	Daytime caisson piling for 2 weeks.

## What does this mean for you?

To keep our construction crews safe and to maintain GO rail service we may need to carry out a portion of the works overnight for temporary shoring completion. We know that this can be disruptive, and we apologize for the inconvenience.

We will restrict the idling of non-essential equipment to reduce noise, limit reverse operations and point lights away from residential windows. Noise blanket barriers are going to be installed around working areas. Noise and vibration monitoring has been set up so that we can understand the effects of our activities on the local area.

The corridor will be accessed from the main roads shown on the map and residents can expect minimal traffic impacts. Pedestrians are expected to be marginally affected by this work.

## Hours of Work:

The work listed above will include a combination of day and night shift, and weekend work may be required periodically. Day shift work will occur between the hours of 7:00 a.m. and 7:00 p.m. five (5) days per week (Monday to Friday) and night shift work, where required, will occur between the hours of 7:00 p.m. and 7:00 a.m. five (5) days per week (Monday to Friday).

**Why do we need to do this?** Construction activities are taking place along the Lakeshore East Rail Corridor to accommodate future GO Rail services. The future service requires the addition of a fourth railway track and the installation of overhead electrification for faster and more efficient trains.

As with all construction, work may be adjusted, rescheduled or extended due to weather conditions or unforeseen circumstances.

Cet avis de travaux de construction est disponible en français sur demande.

Si vous êtes intéressé, veuillez envoyer un courriel à [TorontoEast@metrolinx.com](mailto:TorontoEast@metrolinx.com).

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