

Completed Milestones

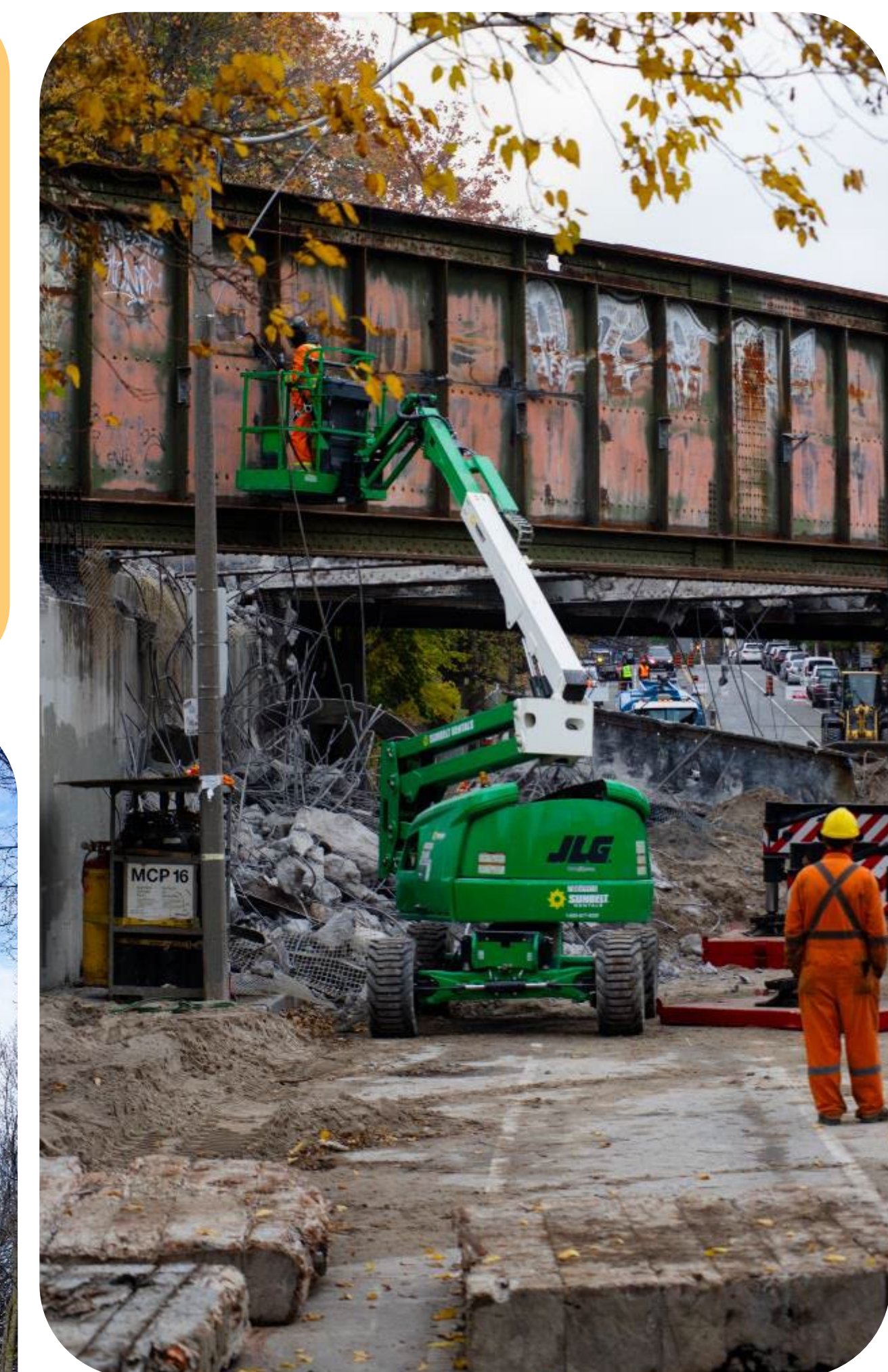


7
Access roads constructed



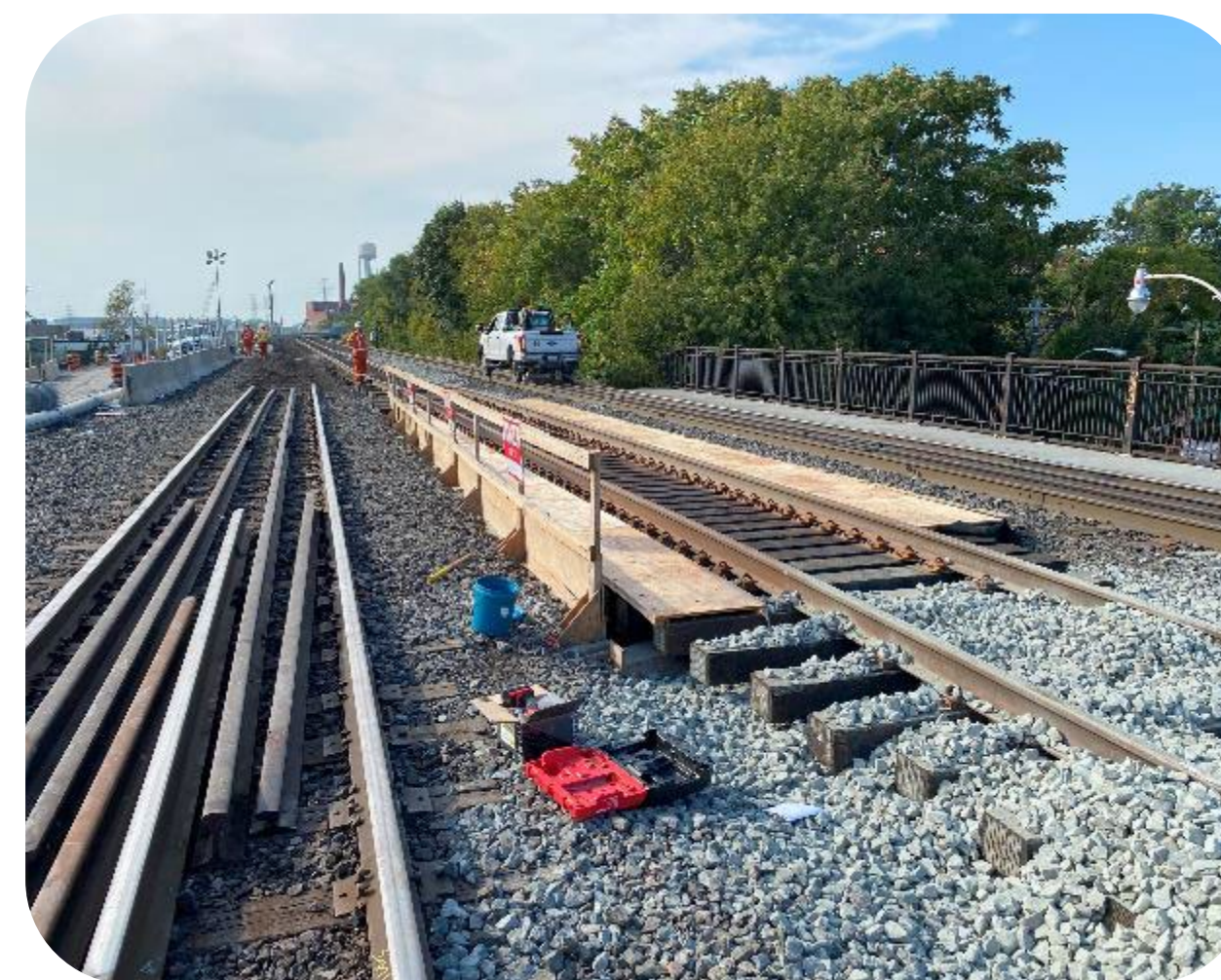
Relocated
584m
of track

Upgraded and relocated
12
utility lines



Removed
327m
of concrete retaining walls

Demolished the eastern half of the **Queen St E, Dundas St E, and Logan Ave Bridges**



Excavated
18,101m³
of soil



2024 Future Milestones

January - March

Complete major excavation and shoring work in the rail corridor to prepare for retaining wall installation

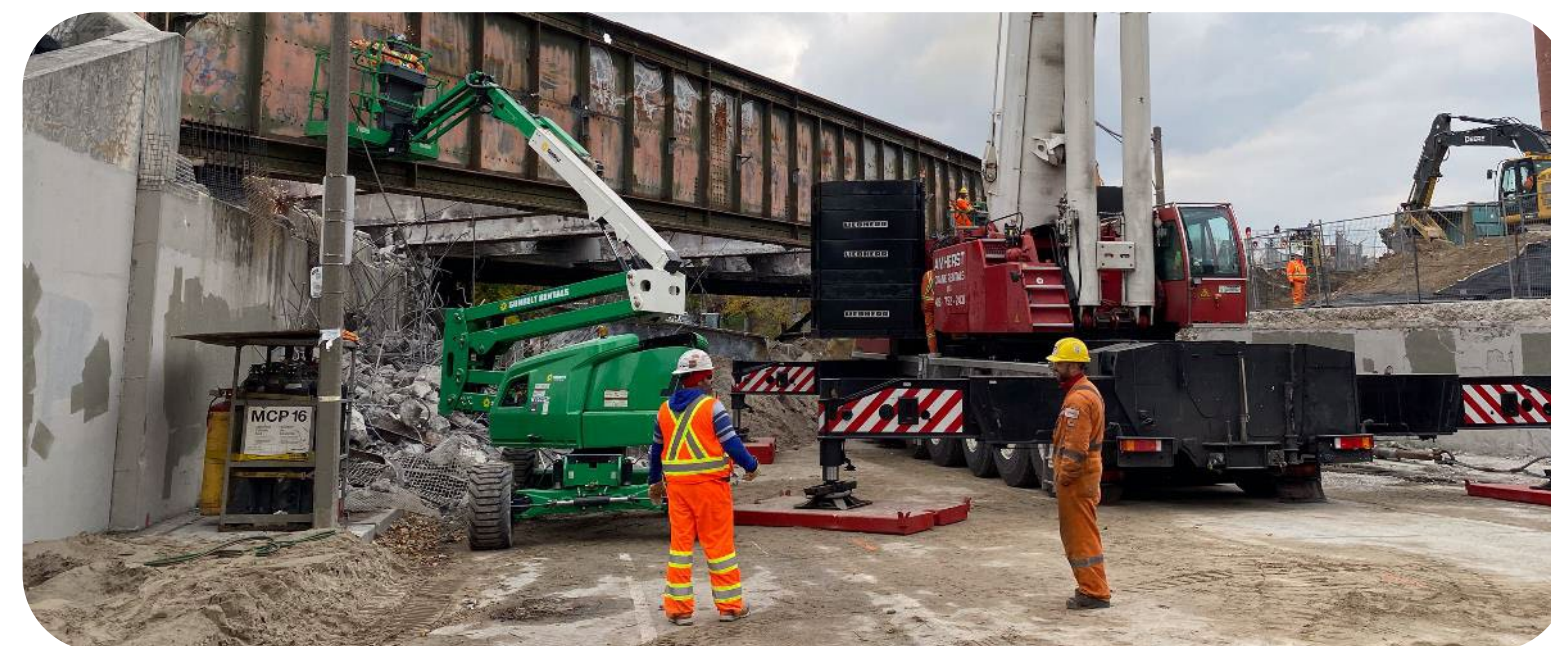


Finish installing a new sewer under Logan Ave.

Start removing the old retaining wall and fencing along the rail corridor between Gerrard St. E. and Jones Ave.

April - June

Complete the demolition of the bridges on the east side of the rail corridor, including the abutments and piers



Start installing new retaining walls and noise barriers

Start constructing the new bridges, including the piers, abutments, and deck

Install new train signals inside the rail corridor east of First Ave.

July - September

Complete construction of the new bridge piers and abutments



Complete retaining wall and noise barrier construction

October - December

Complete construction of the new bridges on the east side of the rail corridor

Install and bring new tracks into service



Start preparation work for bridge construction on the west side of the rail corridor

Bridge Reconstruction Overview

Bridge construction will take place in phases, beginning with reinforcing the foundation and removing the existing bridge structures on the east side of the corridor.

These are the steps that will help ensure the rail bridges will last for at least the next 100 years.

Ongoing until Spring 2024

Excavation and support works

Crews will excavate within the rail corridor to expose the existing bridge structures. As the rail corridor is excavated, support systems including shoring walls and tiebacks will be installed to reinforce the other side of the bridge.

Start demolition and removals

The existing bridges will be demolished and removed in sections. The bridges can't be demolished all at once - each section of the bridge will be divided into parts and carefully removed using excavators and saws.

Spring 2024 until Summer 2024

Complete demolition and removals

Bridge abutments and piers will be fully removed.

Start building the new bridges

Work will begin to build the new bridges, starting with the piers and abutments, and finishing with the construction of the bridge decks. Crews will drill caissons - solid concrete columns that extend deep into the ground and provide a foundation for the new abutments and piers.

Summer 2024 until Fall 2024

Complete abutment and pier construction

The ongoing work to build the new piers and abutments will finish. Crews will proceed to install the new bridge decks.

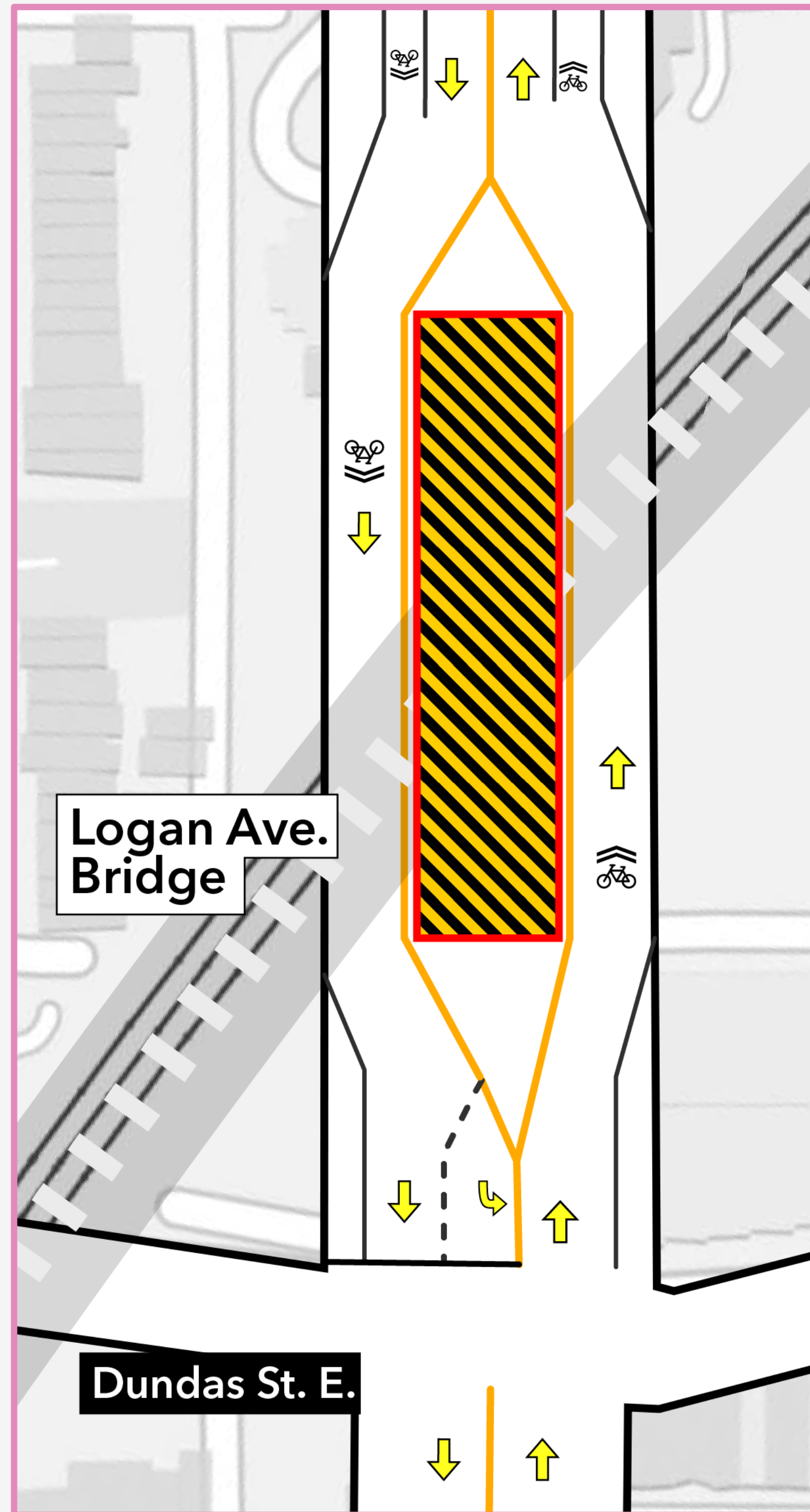
The bridges along the rail corridor are at the end of their service life and need to be rebuilt to accommodate the Ontario Line and GO Expansion.

Keeping everyone safe is always our priority. This often requires closing sidewalks and traffic lanes. We thank you for your patience when navigating around work sites.

Lakeshore East Rail Bridges

Current Traffic Configurations







Logan Avenue



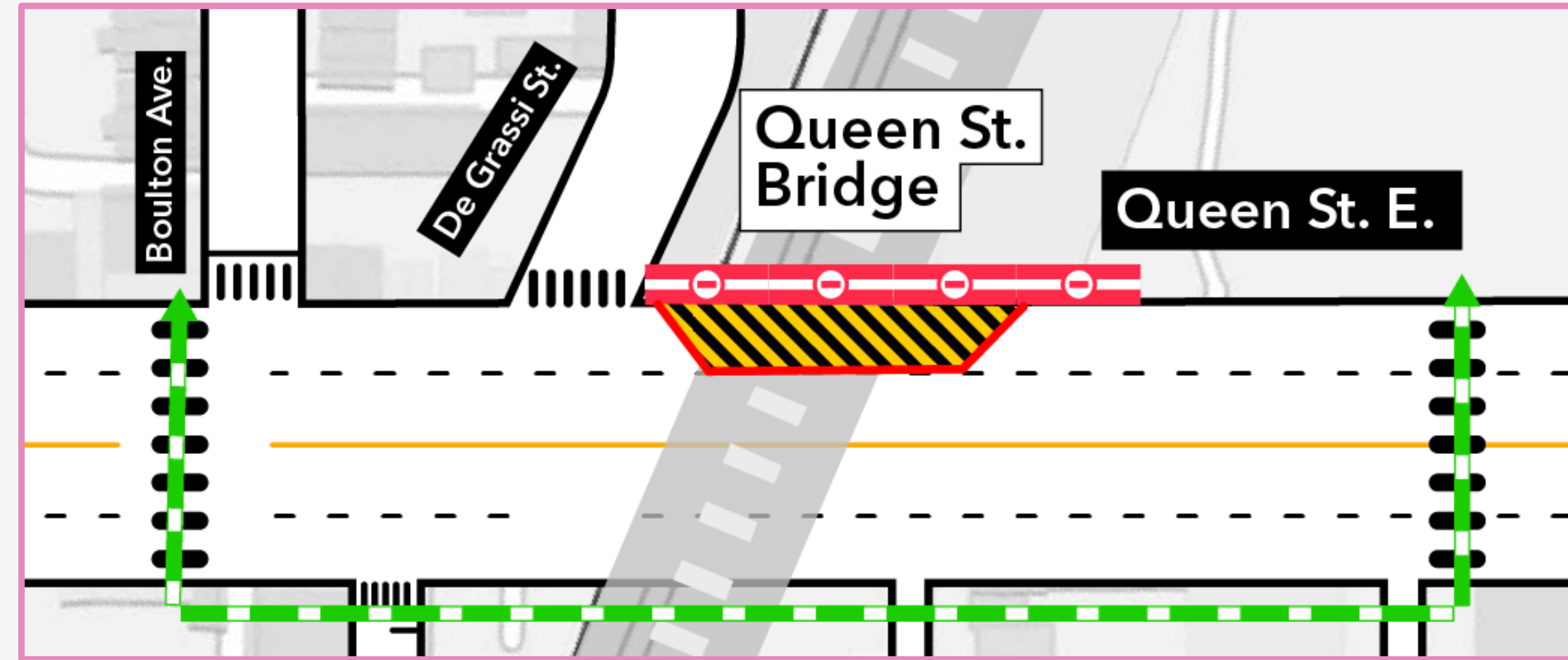
Until
March
15

Logan Ave.
Bridge

Dundas St. E.

-  Existing rail corridor
-  Work area
-  Sidewalk closure
-  Lane direction
-  Pedestrian access
-  Shared bike lane

Queen Street East

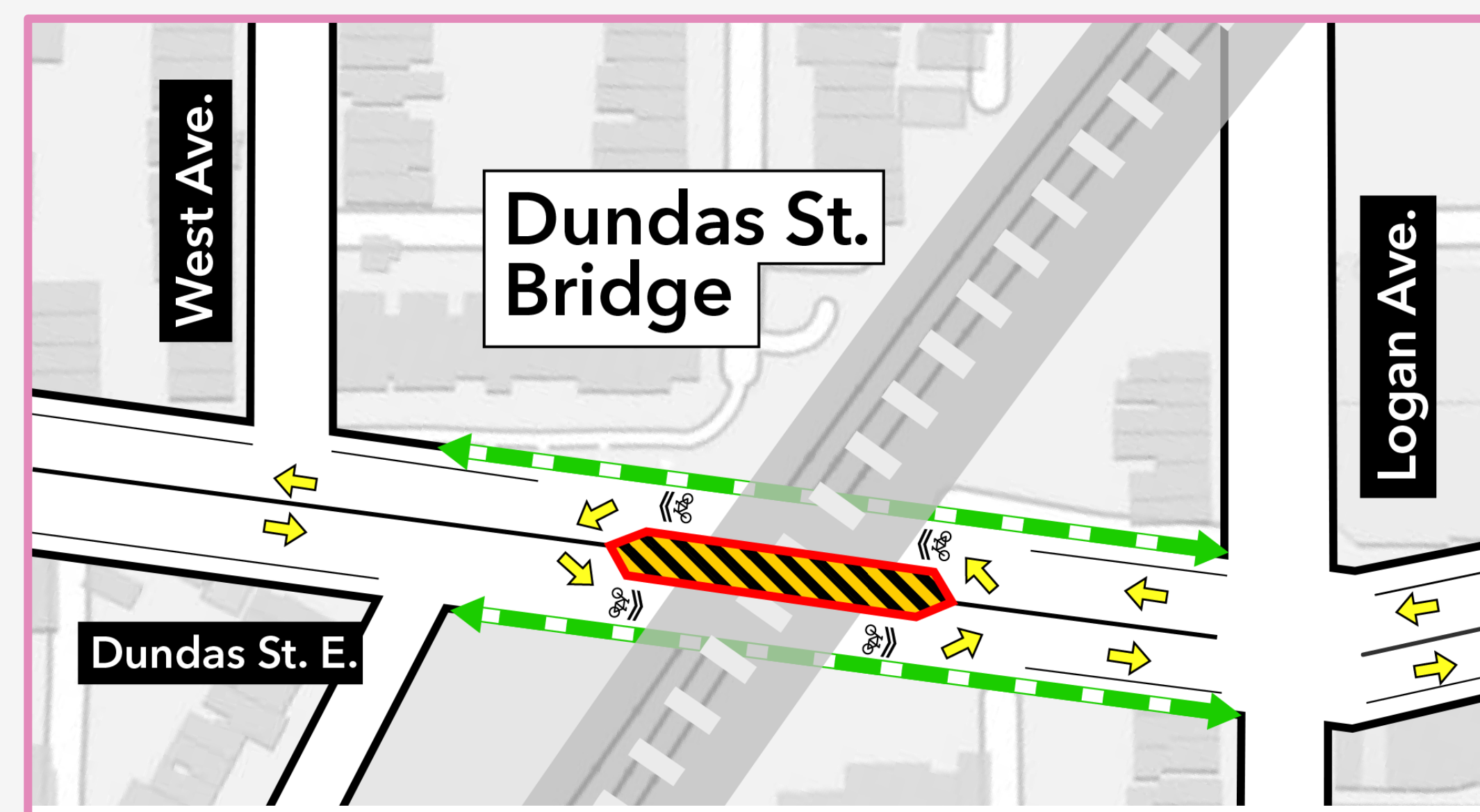


Until
March
22

Queen St.
Bridge

Queen St. E.

Dundas Street East








Until
June
1

Dundas St.
Bridge

Dundas St. E.

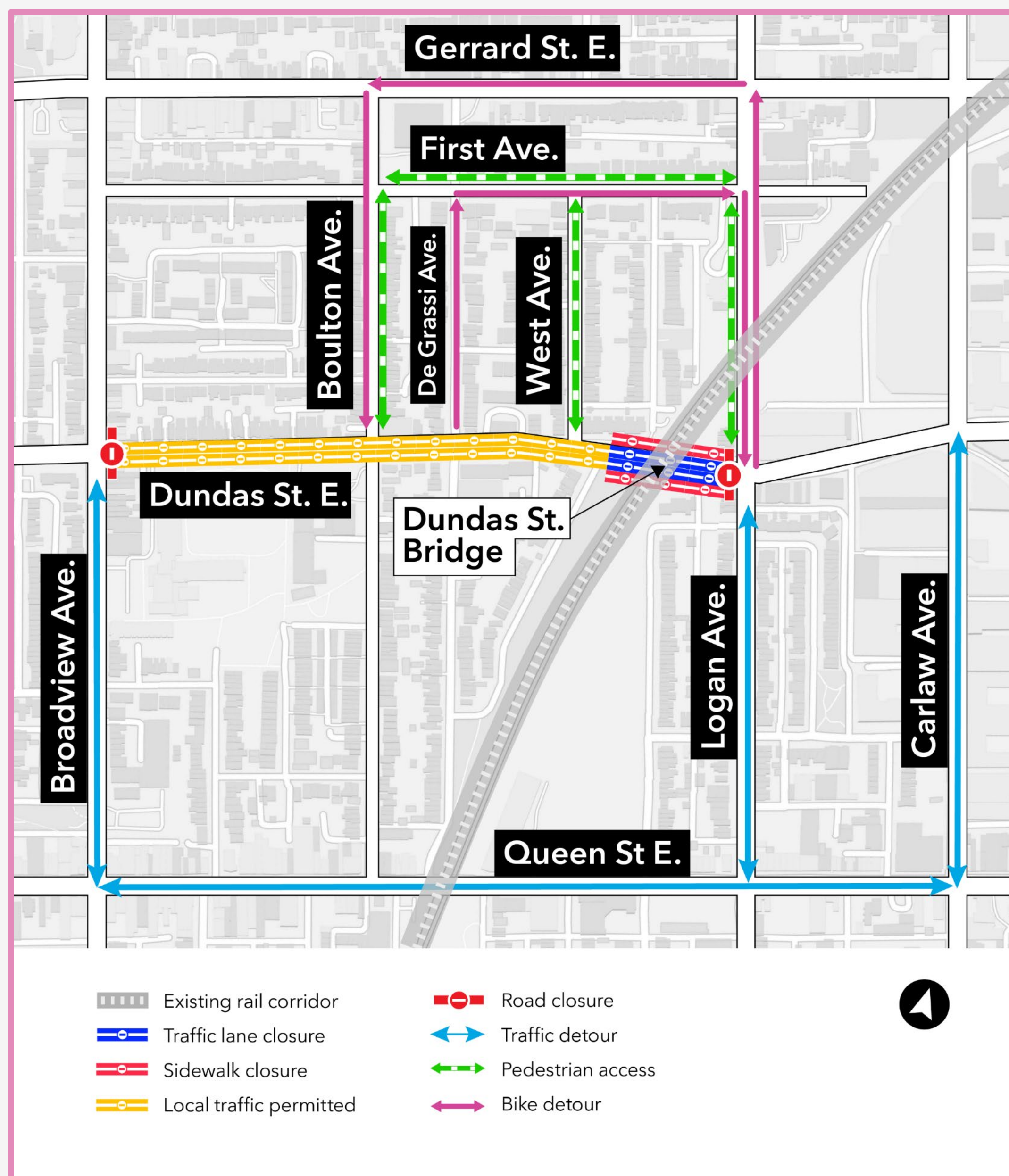
Logan Ave.

-  Existing rail corridor
-  Work area
-  Pedestrian access
-  Lane direction
-  Shared bike lane

Lakeshore East Rail Bridges

Traffic Configurations: Road Closures

Dundas Street East

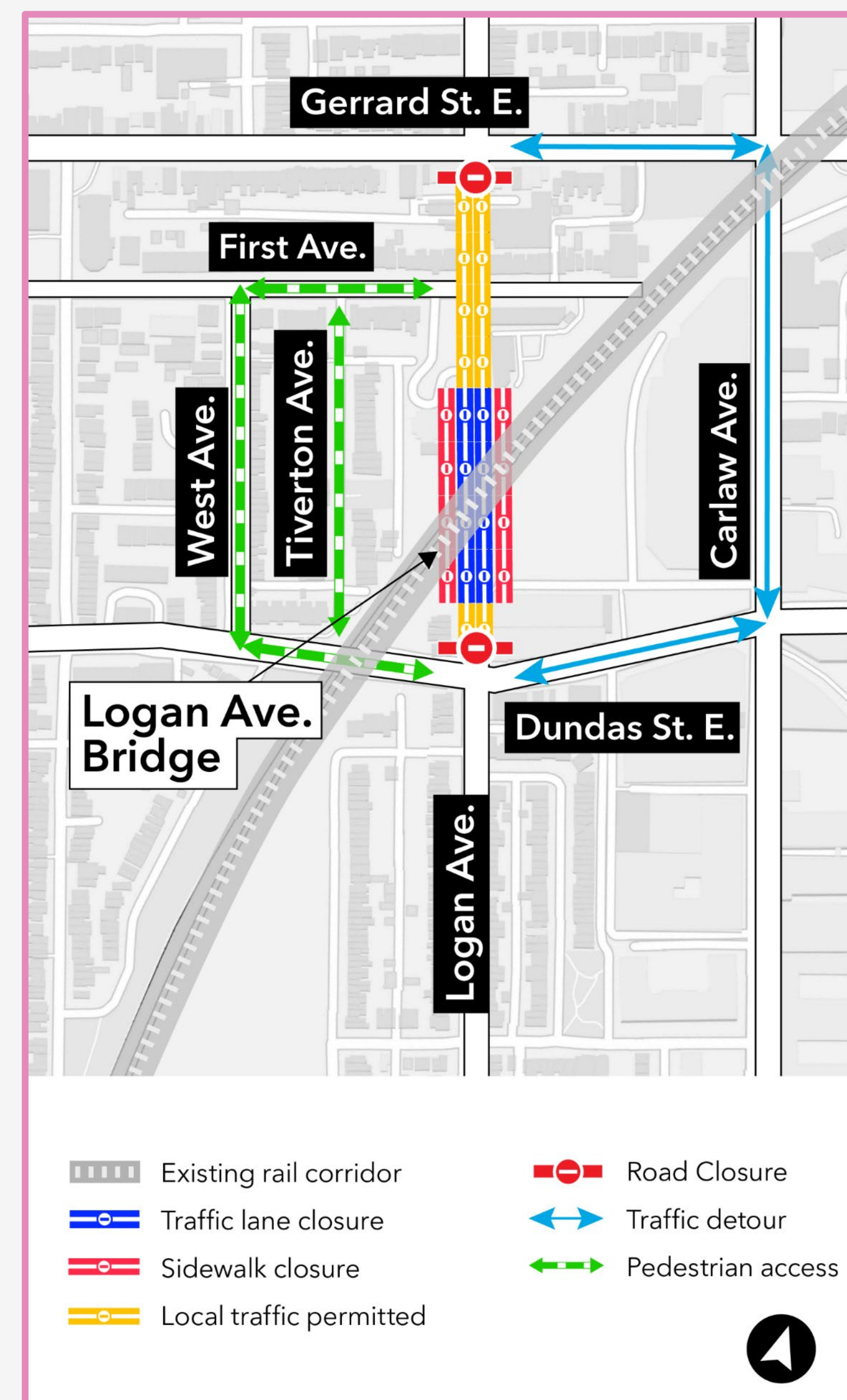


Friday March 8 → 11
9:00 P.M. 5:00 A.M.

Friday March 15 → 18
9:00 P.M. 5:00 A.M.

Friday March 22 → 25
9:00 P.M. 5:00 A.M.

Logan Avenue



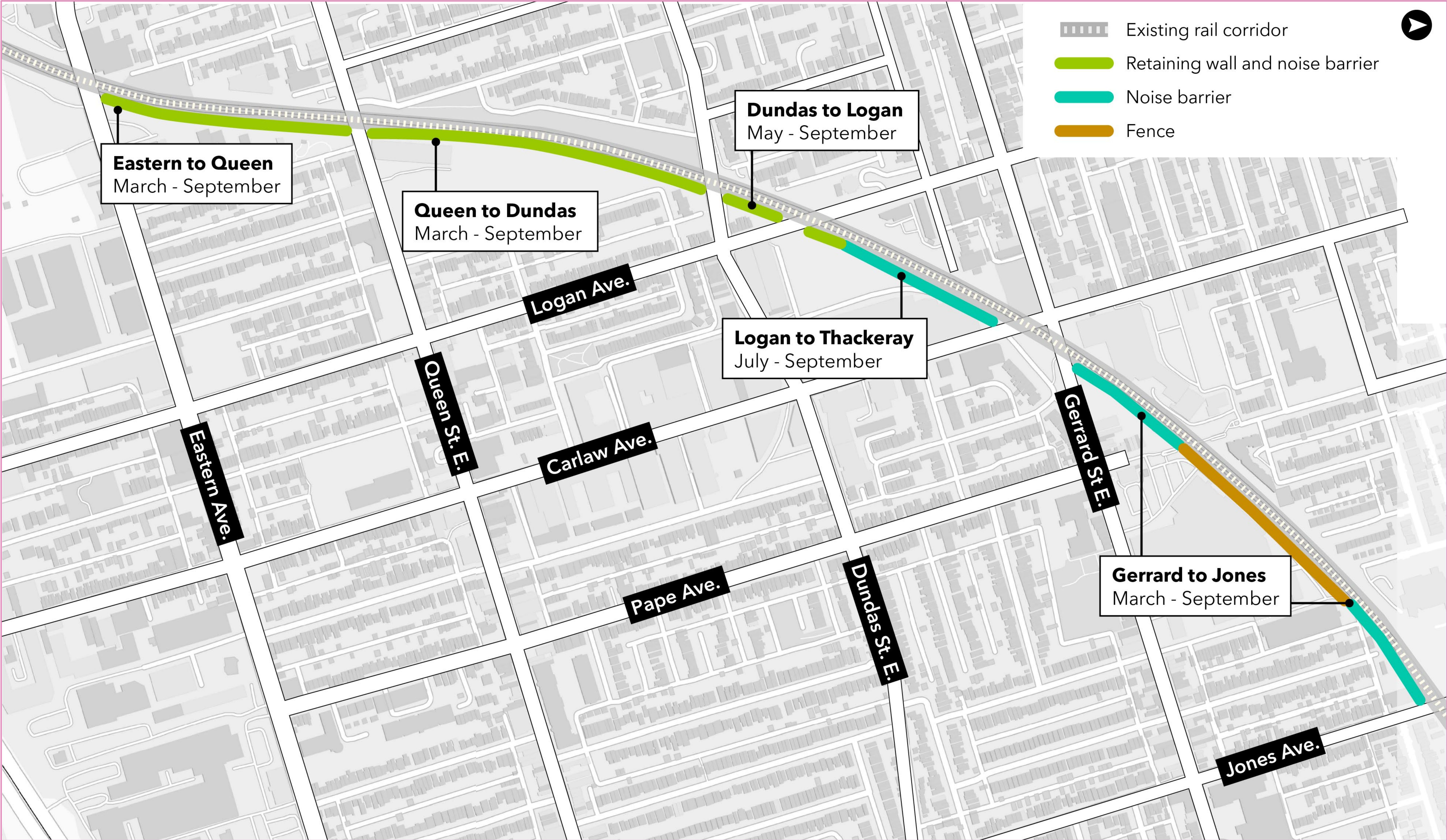
Friday April 5 → 8
9:00 P.M. 5:00 A.M.

Friday April 12 → 15
9:00 P.M. 5:00 A.M.

In-Corridor Construction Update

Approx. Date	Activity	What to Expect
Ongoing until August 2024	Retaining wall and fence removals	<ul style="list-style-type: none"> Removal of the existing retaining walls and fencing along the east side of the rail corridor from Gerrard St. E. - Jones Ave. Vegetation, shrubs, and trees will be removed along the fence line within the rail corridor New noise barriers and fencing will be installed once the removals are completed
Ongoing until mid - April 2024	Excavation and shoring	<ul style="list-style-type: none"> Excavation of the west side of the rail corridor Timber shoring walls and steel rods (tiebacks) will be installed to support excavation This work is being done to prepare for retaining wall and bridge construction
April 2024 to September 2024	Retaining wall and noise barrier installation	<ul style="list-style-type: none"> Pre-cast concrete block retaining walls will be installed on the east side of the rail corridor. Noise barriers will be installed on top of retaining walls and steel beams
April 2024 to late 2024	Track relocation and train signal installation	<ul style="list-style-type: none"> Installation and commissioning of new train signals within the rail corridor east of First Ave. Relocation of two rail tracks and installation of one new track line
Fall 2024	Preparation work on the west side of the corridor	<ul style="list-style-type: none"> Construction of six new access roads on the west side of the corridor Removal of vegetation and trees along the perimeter of the rail corridor

Retaining Wall and Noise Barrier Update



Rail Corridor Closures Spring 2024

Friday
April
5

to

Sunday
April
7

Friday
May
3

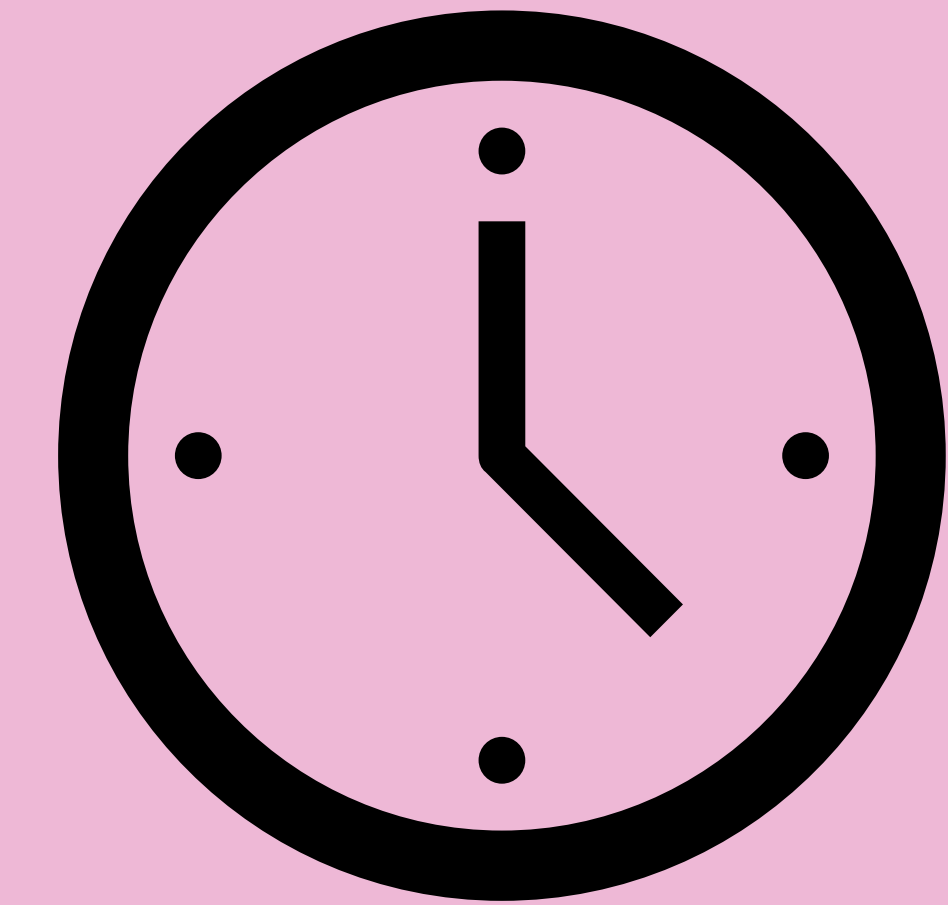
to

Sunday
May
5

Work during the rail closures will include:

- Installing foundations for the new train signals east of First Ave.
- Bridge and retaining wall construction
- Utility installations

Closing the rail corridor is sometimes necessary to allow crews to safely conduct work that can only be done while trains are not running.



Closures will begin on Friday evening and continue until the end of service on Sunday

Crews will work on a 24-hour basis during the closures to ensure all necessary work is completed over each weekend.

Additional rail closures will take place in October and November 2024. Further information about these closures will be provided as details are confirmed.

What to Expect

Track Stabilizer

The track stabilizer is used after new rails are installed to anchor them into the ballast (the small stones the rails sit on). It does this by slowly going over the rails and applying up to 50 tons of pressure on them. This allows trains to run at full speed and provide a smooth, safe ride.



Drill Rig

These machines drill deep holes in the ground which are then filled with steel, rebar, and concrete to form columns. These columns serve as a strong foundation for structures on top - in this case, a new bridge.

Tieback Rig

This machine is used for the last step in installing the shoring walls. The tieback rig "anchors" the pile into the ground with a long steel rod, providing even more structural support.



Construction Mitigations



Noise Barriers

Where possible, temporary barriers surround loud equipment to reduce noise.



Advance Notice

Providing notice ahead of construction to give local stakeholders the opportunity to ask questions and plan for the work.



Site Maintenance

Keeping the site clean and tidy to support the positive appearance of the neighbourhood.



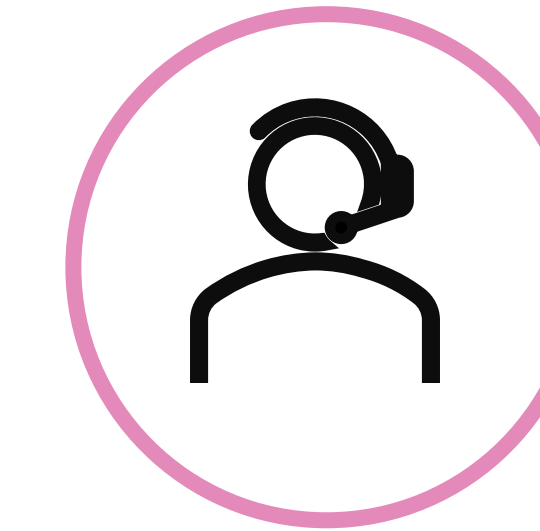
Noise Monitors

Located throughout the rail corridor, these monitors measure noise to make sure proper levels are maintained.



Hoarding and Signage

Hoarding provides a protective barrier between the construction site and the public. Signage informs of ongoing and upcoming work, as well as way-finding.



24-Hour Support

Providing a 24-hour call number to address complaints and issues.



Mindful Work Schedules

Work is scheduled to consider community needs, other major projects, and neighbourhood events.



Good Neighbor Approach

Making sure project staff are considerate of the community during construction.