



Dufferin Street Bridge over the Metrolinx Corridor (at Springhurst) Emergency Road Closure

Public Information Event

Thursday, August 3, 2023

5:30 p.m.

Land Acknowledgement

To commence this meeting we would like to first take a moment to acknowledge the land on which we are meeting.

This land is the traditional territory of many nations including the Mississaugas of the Credit, the Anishnabeg, the Chippewa, the Haudenosaunee and the Wendat peoples and is now home to many diverse Indigenous, Inuit and Métis peoples. We also acknowledge that Toronto is covered by Treaty 13 with the Mississaugas of the Credit.

Meeting overview

Recording



- This meeting is being recorded for the purposes of creating a meeting summary that will be posted on the project webpage.

We want to hear from you

- All questions are good questions.
- Please wait until the end of the presentation to ask your questions.
- If we do not address your question, staff will follow up with you after the meeting.



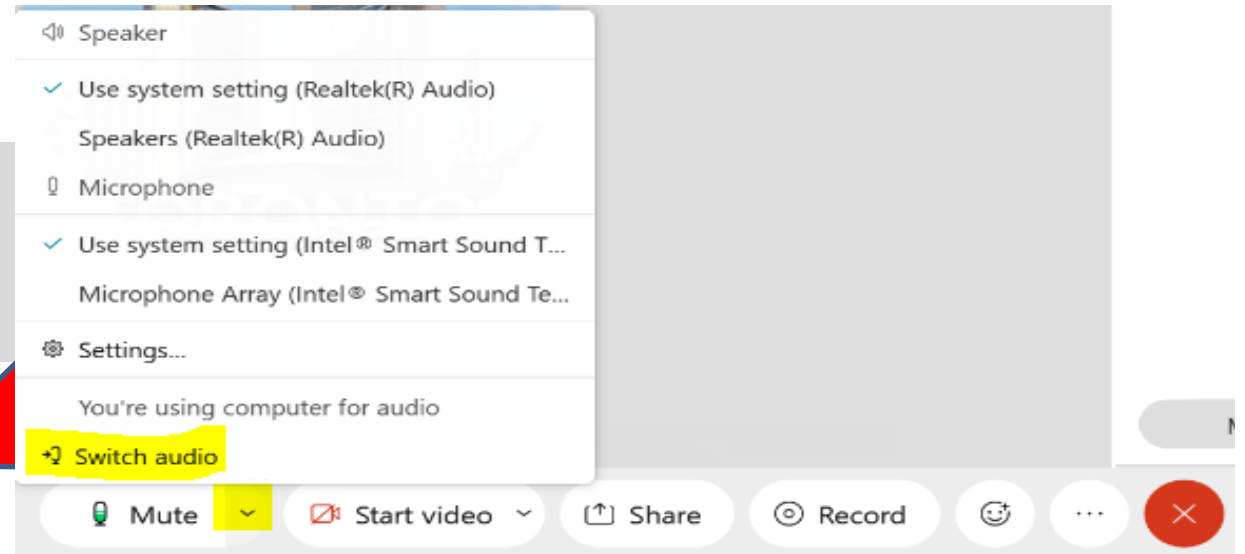
Code of Conduct

- Be patient: Virtual meetings don't always run as smoothly as planned.
- Be brief: Limit yourself to one question or comment when you are called on to speak.
- Be respectful: The City of Toronto is an inclusive public organization. Discriminatory, prejudicial or hateful comments and questions will not be tolerated and you will be removed from the meeting.

WebEx Audio Trouble?

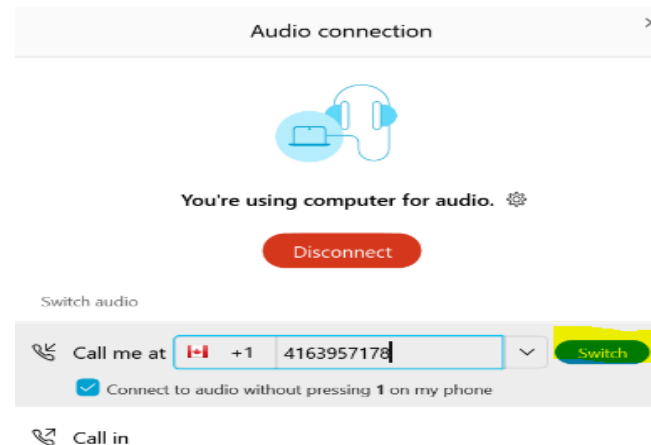
WebEx can call you!

1. Click **the arrow** beside your mute button
2. Click **“Switch audio”**
3. Use **“Call me” function**
 - Enter your phone #
 - Webex will call your phone
 - No long distance charges



Still not working?

Call Into the Meeting: 416-915-6530
Enter Meeting Number: 2634 491 3214
Meeting Password: 274 343



Participating by Computer

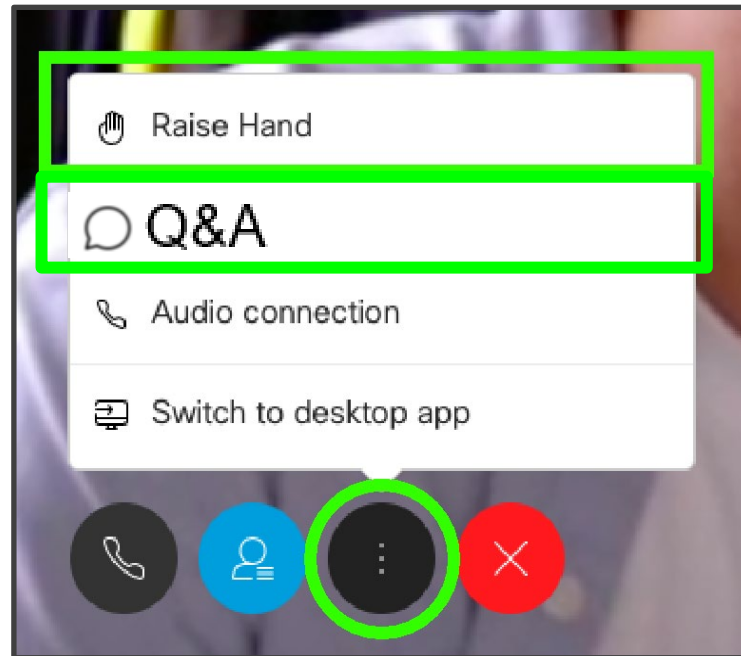
Raise your hand or type your question



Via the internet browser

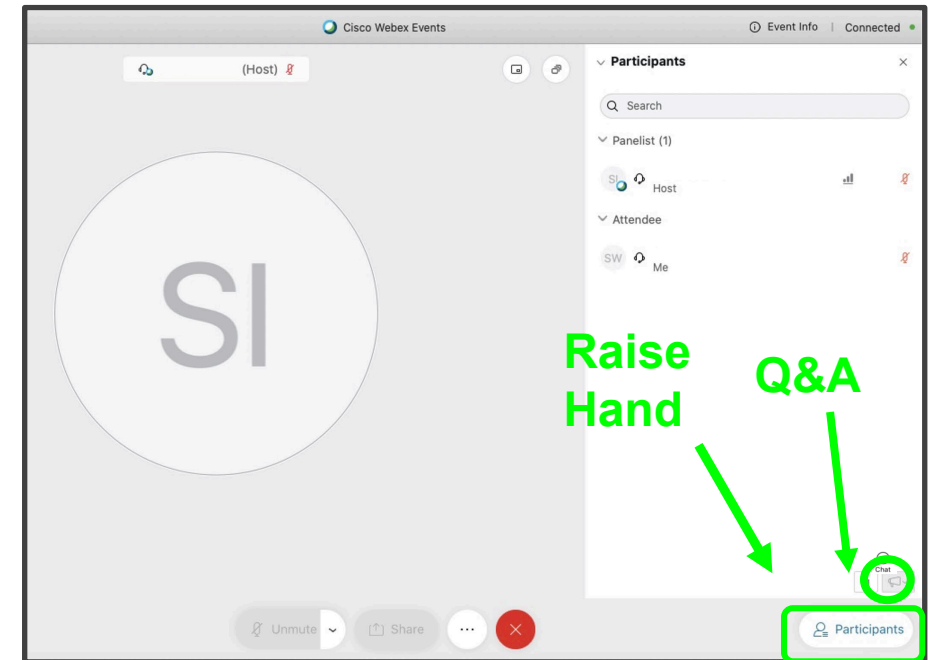


Click the “...” button at the bottom of the video window and select “Raise Hand” or “Q&A”.



Via the Webex App

Click the Participants button at the bottom of the video (the Participants panel will open to the right). Then click the “Raise Hand” or “Q&A” button at the bottom right.



Raising your hand by Phone



- To raise your hand virtually, **key in *3.**
- The Host will see a hand up beside the last four digits of your phone number
- During the Q&A period, the Host will unmute you and let you know that you can speak

Agenda

- | | |
|-----------|-------------------------|
| 5:30 p.m. | Welcome & Introductions |
| 5:40 p.m. | Presentation |
| 5:55 p.m. | Questions |
| 6:30 p.m. | Meeting ends |

Opening Remarks



**Councillor Gord Perks
Parkdale-High Park**

Welcome



Vienna O'Shea
Constituency and Planning Advisor
Office of Councillor Ausma Malik
Spadina-Fort York

City Staff

Engineering & Construction Services

Jodie Atkins, Director, Design & Construction, Bridges & Expressways

Chris Loader, Manager, BSE Asset Management and Standalone Bridges

Hao Zhang, Senior Engineer, BSE Asset Management

Eugene Chen, Manager, Streetcar Way

Ellen Leesti, Program Manager, Customer Service and Issues Management

Karolina Kluska, Issues Management Coordinator

Transportation Services

Eric Jensen, Senior Project Manager, Construction Coordination

Jay Gill, Senior Project Manager, Construction Coordination

Public Consultation

Mark De Miglio, Senior Public Consultation Coordinator

Metrolinx Staff

Daniel Cicero, Sponsor, Ontario Line

Mitchell Wilson, Community Engagement Advisor

Project Summary

Dufferin Street Bridge Replacement Overview

Background

- 1912: Original construction of the Dufferin Street Bridges over the Rail Corridor.
- 2011: Municipal Class Environmental Assessment (MCEA) undertaken by the City, Metrolinx and Toronto Transit Commission assessed replacement options for the Dufferin Street Bridges over the Rail Corridor and Gardiner Expressway.
- 2013: Due to safety concerns, the bridge over the rail corridor was closed and demolished.
- 2014: Temporary bridges were installed with an anticipated life of 10 years.
- 2014: The City retained an Engineering Consultant and commenced the Preliminary Design for implementation of the new bridges over the rail corridor and Gardiner Expressway.
- 2015: Preliminary Design put on hold to allow for additional work to establish the Minimum Vertical Clearance required for future electrification of the Metrolinx rail corridor.
- 2019: Minimum Vertical Clearance requirement was established, which required revisions in the initial Preliminary Design.
- 2021: The City retained an Engineering Consultant to complete the Detailed Design of the new bridges.
- 2022: Conflicts were identified with the planned construction of the new bridges and the construction of the Ontario Line Exhibition Station for 2024 (and beyond). It was also determined that the bridge configuration may need to be revised due to a possible western extension of Ontario Line.

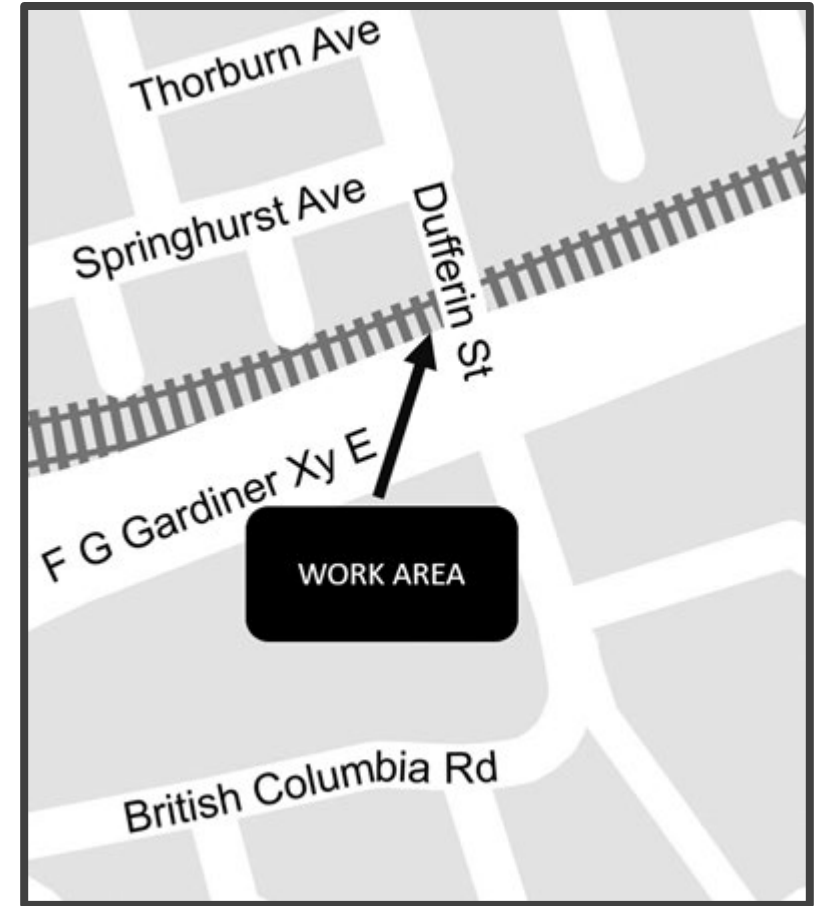
Dufferin Street Bridge Replacement Overview

Current Status

- Preliminary Design for the permanent bridges is complete, and Detailed Design work is underway.
- Planned work for the Dufferin Bridges includes:
 - Replacement of the bridges over the Rail Corridor and the Gardiner Expressway
 - Widening the bridges to allow space for pedestrian and cycling improvements
 - Modifications at the Dufferin Gate Loop to accommodate future TTC Dufferin Loop-Exhibition Loop connection as part of the TTC Waterfront Transit Network
 - Relocation of the Dufferin Gate Arch and improvements to the streetscape, landscape and transition area to the Exhibition Grounds
- The City is working closely with TTC, Metrolinx and Exhibition Place as the design progresses to ensure careful coordination of plans and projects in the area of the Dufferin Street Bridges.
- Timing of construction is dependent on coordination with adjacent projects, including Ontario Line Exhibition Station.

Background

- City staff identified damage on the southbound lane of the Dufferin Street bridge over Metrolinx Rail on July 10, 2023.
- Investigation revealed a fractured panel, resulting in the southbound lane of the bridge being closed for the safety of road users and to allow for a more detailed inspection.
- Through coordination with Metrolinx, the City was able to utilize railway access equipment to complete an up-close inspection of both the north and south bound structures from the underside of the bridge overnight July 20 to 21, 2023.
- Results of the up close inspection revealed further damage and the City closed the northbound lane on July 21, 2023.
- Pedestrian bridge on the east side of Dufferin Street remains open.



Emergency Repairs Update

- As a result of the findings from the detailed inspection staff are in the process of developing the remediation plan.
- A number of options are still being evaluated for the remediation plan taking into consideration;
 - Availability of material
 - Cost
 - Timing of adjacent infrastructure projects
 - Impact of construction within the active rail corridor used by GO, CN and VIA.
- Closure is anticipated to be longer than three months, but less than six months.
- Updates will be provided to the community once the final remediation plan is confirmed.

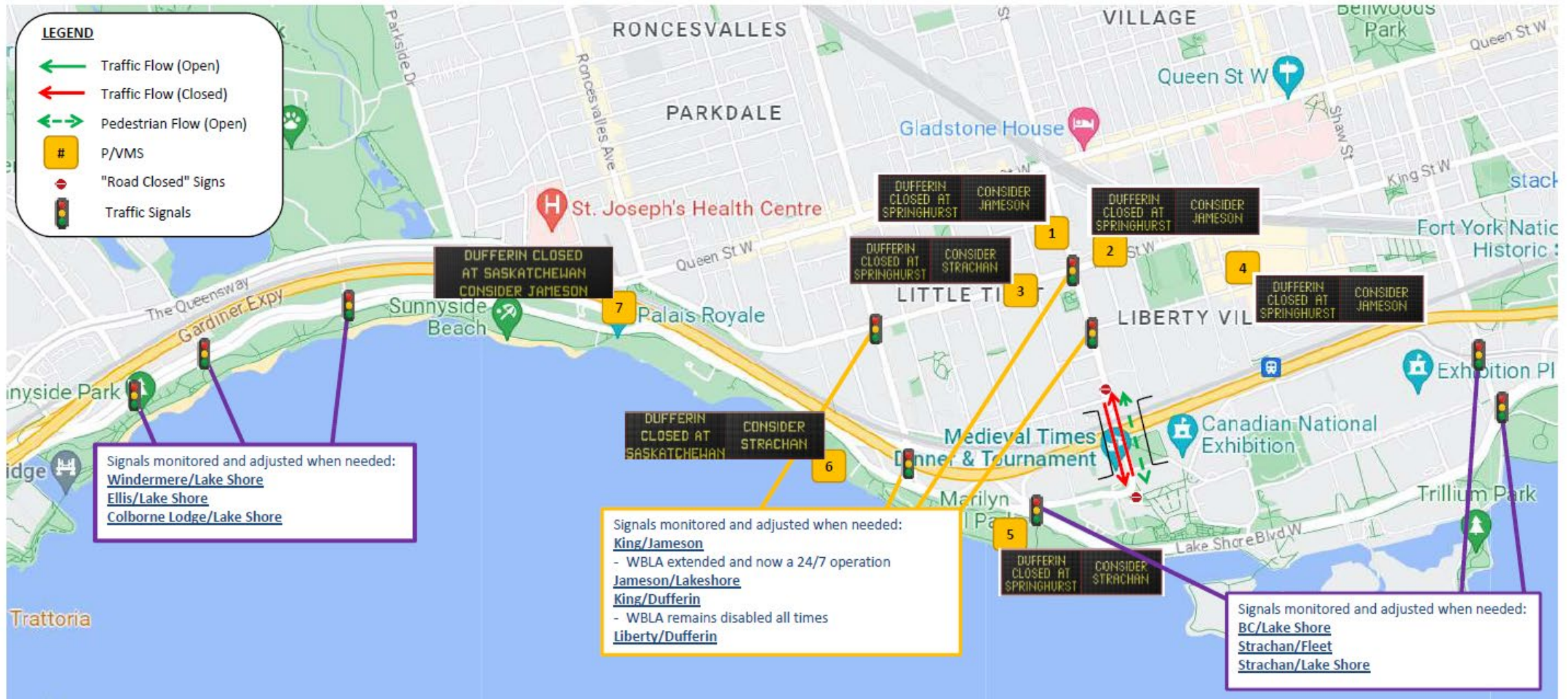
Coordination and Planning for Remediation Plan

There are several constraints which require additional planning and coordination for the Dufferin Street Bridge remediation plan to be implemented;

- TTC Streetcar Track and Watermain Replacement at Dufferin Street & Springhurst Avenue/ Fort Rouille Street
 - Streetcar and watermain infrastructure is near the end of its service life and needs to be replaced. The remediation plan is being coordinated with the track and watermain work to ensure both can be completed concurrently.
- Work within the rail corridor and adjacent to Metrolinx Exhibition station work
 - Working within the rail corridor will result in the majority of the remediation work being completed overnight.
- Final replacement of Dufferin Street bridge
 - Remediation plan being reviewed for any impact on full bridge replacement project. Design for the full replacement of Dufferin Street bridge over the rail corridor and F.G. Gardiner is ongoing.
- Coordination with Exhibition Place and associated events
 - Continued coordination with stakeholder and event planners to mitigate ongoing disruption of the closure of Dufferin, as well during construction of the remediation of the bridges.

Traffic Management

Traffic Management Plan



Keeping You Informed

Before and during construction, we will:

- Issue Construction Updates for any major changes/updates
- Maintain regularly updated project webpage: toronto.ca/dufferinbridges
- Provide alerts/updates via social media where appropriate



Emergency Construction

July 14, 2023

Emergency Bridge Closure Dufferin Street Bridge over Metrolinx Rail Corridor

Closure Start Date: Monday, July 10, 2023
Expected Closure End Date: September 2023
**Timeline is subject to change.*

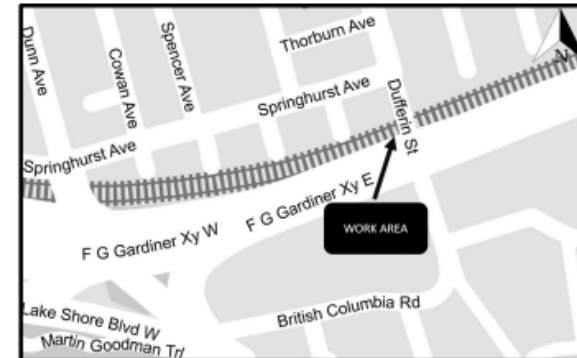
Due to recently identified damage on the southbound lane of the Dufferin Street Bridge over the Metrolinx Rail Corridor, the City of Toronto has temporarily closed the southbound lane of Dufferin Street just south of Springhurst Avenue. The closure will allow for a comprehensive inspection and emergency repair.

Motorists are advised to avoid the area and consider taking alternative routes where possible. In cases where driving through the area is unavoidable, vehicles travelling southbound are currently being diverted along Springhurst Avenue. The northbound lane and pedestrian bridge on the east side of Dufferin Street currently remain open.

The closure is anticipated to last for up to eight weeks, however, staff are working to complete the inspection and repair quickly and will reopen the southbound lane of the bridge as soon as possible.

We understand this kind of work can be disruptive. Thank you for your patience while we carry out this emergency work to ensure the safety of all Dufferin Street Bridge users.

MAP OF WORK AREA



Questions?

If you have any questions during construction, please contact:



Karolina Kluska

Issues Management Coordinator

Engineering & Construction Services

Telephone - 416-392-9026

Email – karolina.kluska@toronto.ca

toronto.ca/dufferinbridges