

# Bathurst Street and Lake Shore Boulevard intersection Watermain Replacement & TTC Streetcar Track Renewal



Virtual Public Meeting  
February 12, 2025

# Overview

Starting in February 2025, the City of Toronto and TTC will begin construction work at the intersection of Bathurst Street and Lake Shore Boulevard. Construction is expected to take four months to complete.

This work is critical to maintain the safety and reliability of streetcar service. The track replacement work is combined with watermain replacement for efficiency, and to avoid future impact to the community.

The work involves:

- replacing the 105-year-old watermain
- replacing the streetcar tracks
- streetscaping on Fleet Street

The phasing of work has been developed to avoid full closure of the intersection, to keep traffic moving along Bathurst Street and Lake Shore Boulevard.



# Watermain Replacement

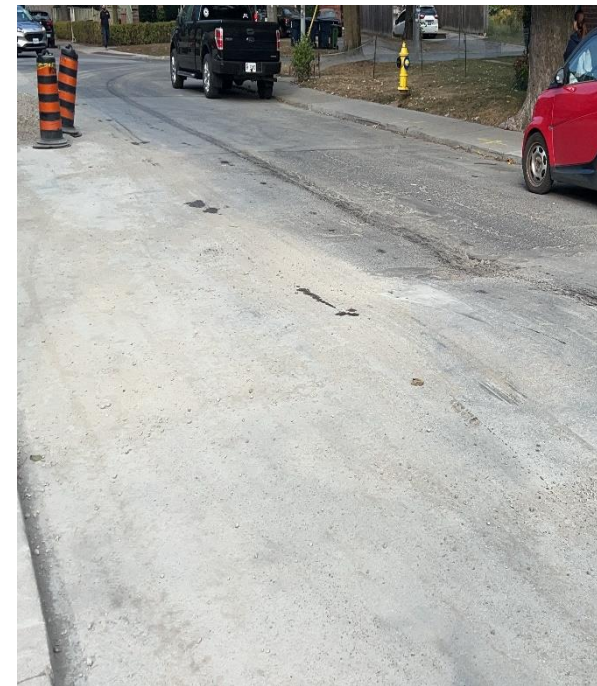
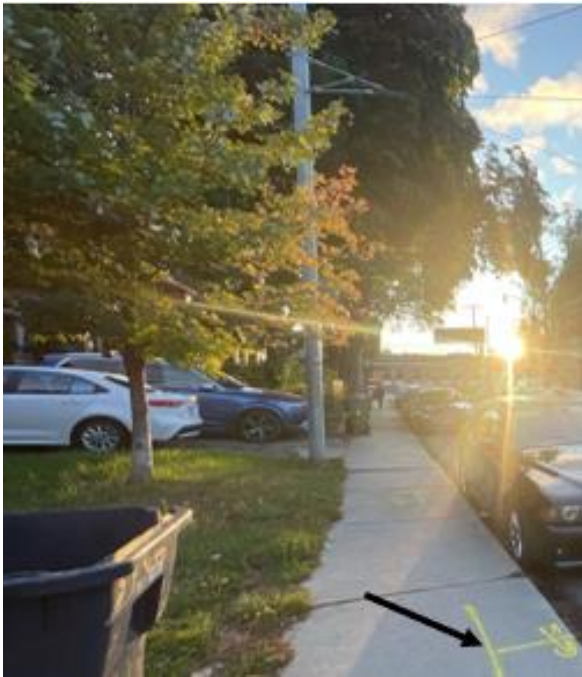
The contractor will replace the watermain and City-owned portion of substandard water services.

1. Locate underground utilities (gas, electric)

2. Dig a trench.

3. Remove and install new watermain. Replace City-owned water service pipes.

4. Restore the watermain trench



# Streetcar Track Replacement

The contractor will remove and replace the rails and concrete layer of the streetcar tracks.

Steps include:

1. Cutting and removing old concrete and rails



2. Pouring new concrete track and installing new rails



3. Restoring and re-opening the road to vehicles





# Fleet Street Improvements

The contractor will be installing streetscape improvements on Fleet Street westbound from Bathurst Street to Iannuzzi Street.

Improvements include:

- Wider sidewalk from streetcar TTC stop to sidewalk.
- Seating wall
- 9 bike rings
- 7 moveable planters with seating



# Project Timeline

**February 18<sup>th</sup> to March 3<sup>rd</sup>**  
Phase 1

Watermain replacement  
North side along Bathurst St.  
through intersection

**Mid-April to end of May**  
Phase 3

Streetcar track renewal south side of  
Bathurst and Lake Shore intersection  
Restoration & Construction Complete

**March 3 to mid April**  
Phase 2

Water main replacement &  
Streetcar track renewal  
North side of Bathurst and  
Lake Shore intersection

- Fleet Street streetscape improvements

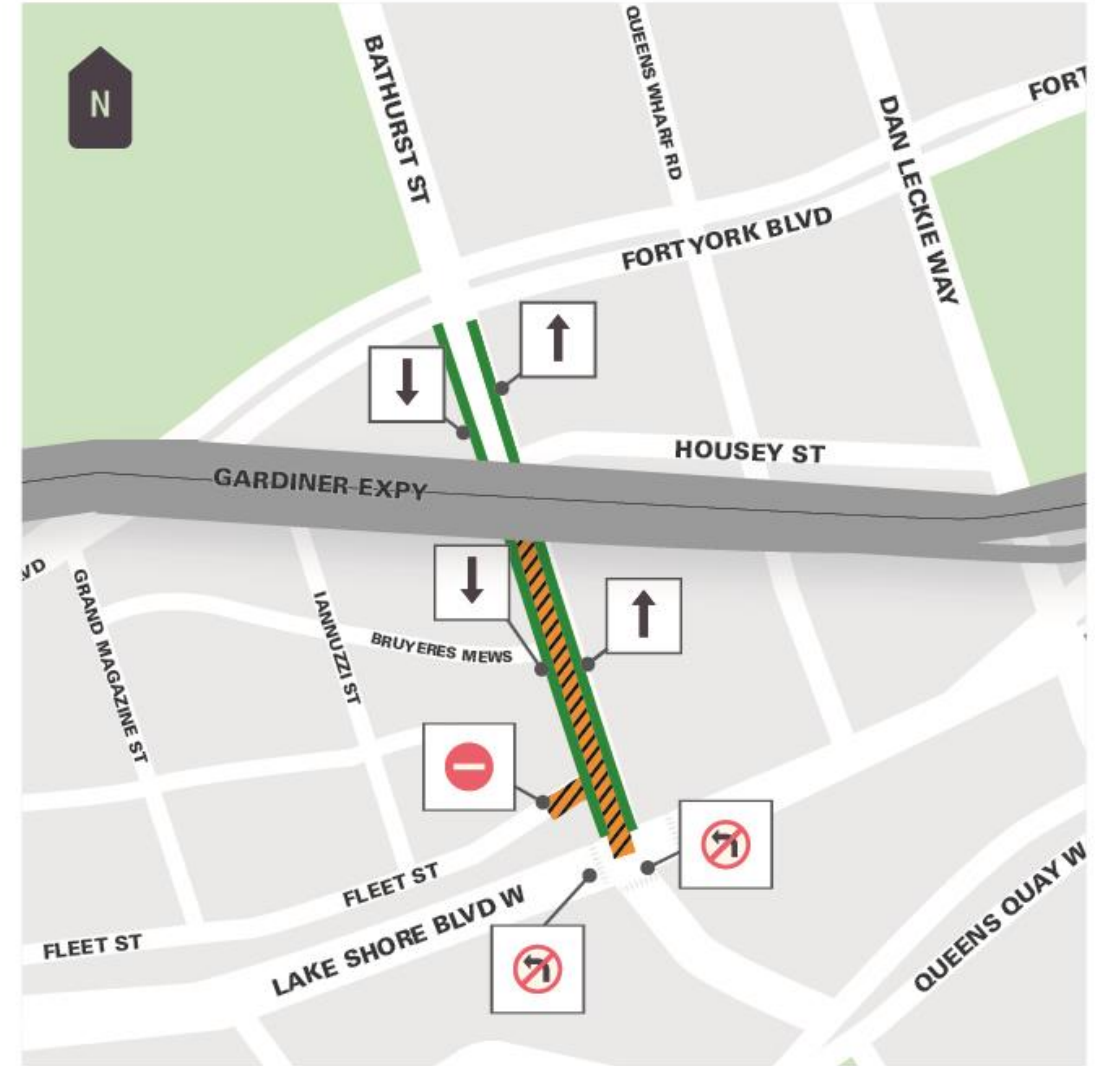
**End of May**

Construction Complete and Track  
Commissioning

\* Schedule is subject to weather conditions

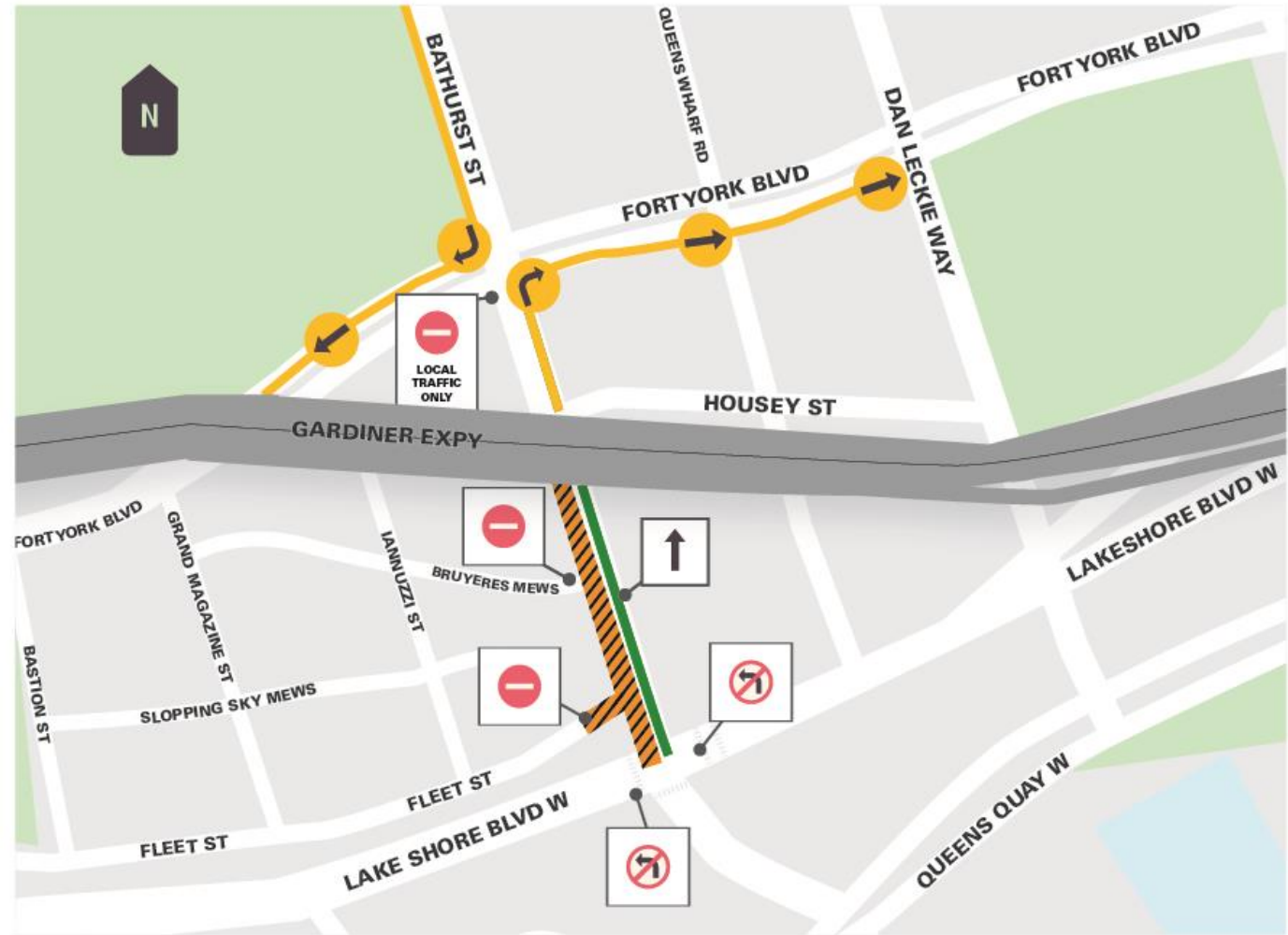
# Phase 1: Watermain Work – North Side

- February 18 to March 3 \*subject to weather/material
- Crews will replace the watermain that runs north-south along Bathurst through intersection
- One lane eastbound closed on Lake Shore Boulevard
- Two lanes westbound closed on Lake Shore Boulevard
- One lane in each direction on Bathurst St. maintained.
- Westbound left from Lake Shore restricted.
- Eastbound left from Lake Shore restricted.
- Eastbound left-turn restriction on Fleet Street at Bathurst Street.
- Temporary closures of sidewalks may be required. Pedestrian detours and signage will be in place. Access to businesses and properties will be maintained.



# Phase 2: Watermain & Track Relacement – North Side

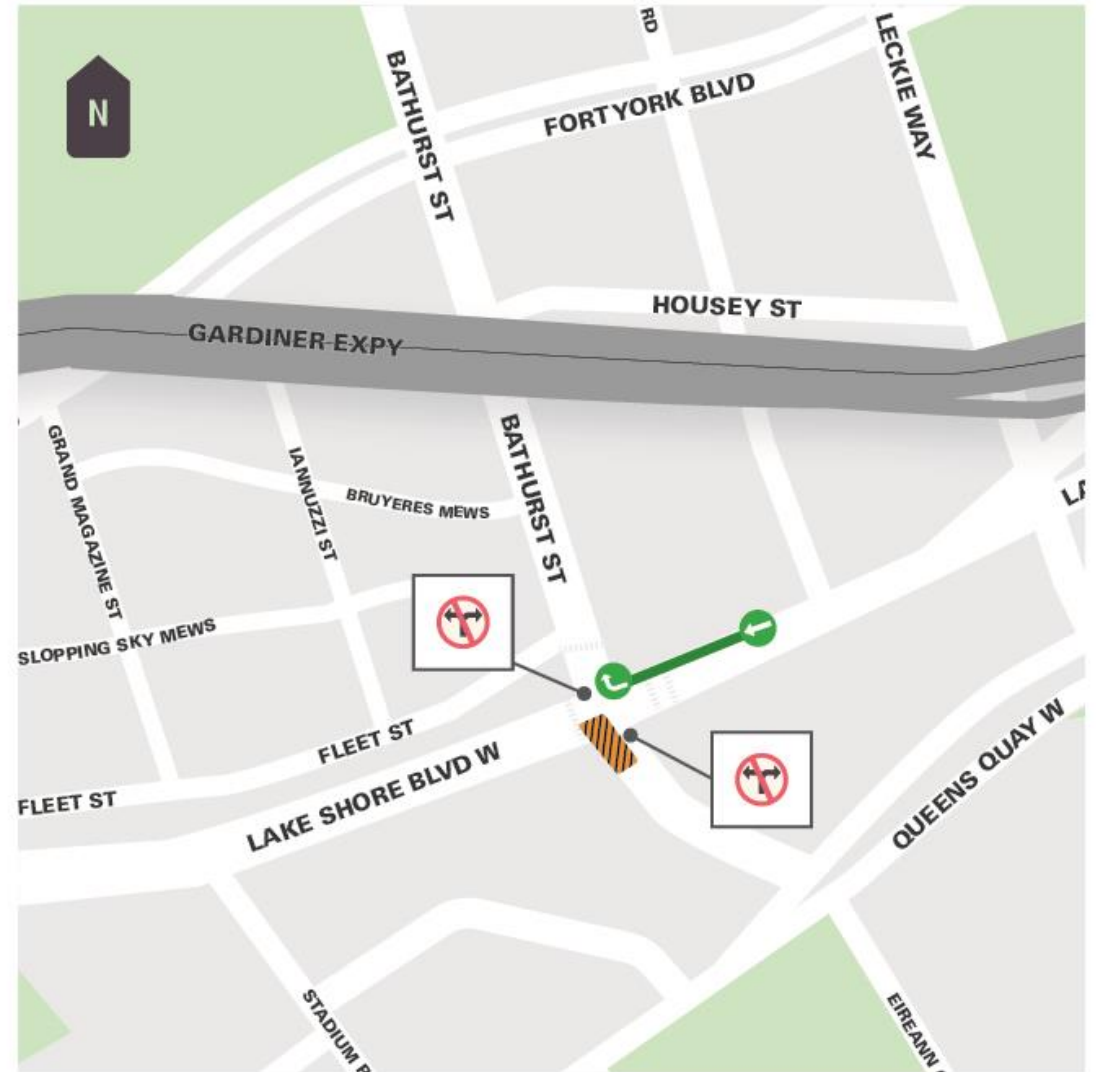
- March 3 to mid-April \*subject to weather/material
- Crews will replace the streetcar tracks that runs north along Bathurst and through the north side of the intersection.
- Crews will complete streetscape improvements on Fleet St
- One lane eastbound closed on Lake Shore Boulevard
- Two lanes westbound closed on Lake Shore Boulevard
- One lane in each direction on Bathurst St. maintained.
- Westbound left from Lake Shore restricted.
- Eastbound left from Lake Shore restricted.
- Eastbound left-turn restriction on Fleet Street at Bathurst Street.
- Temporary closures of sidewalks may be required. Pedestrian detours and signage will be in place. Access to businesses and properties will be maintained.









# Phase 3: Track Replacement – South Side



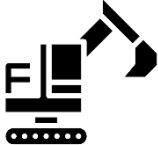
- Mid-April to end of May
- Crews will replace the streetcar tracks that run south along Bathurst Street and through the south side of the intersection.
- Two lanes eastbound closed on Lake Shore Boulevard
- One lane westbound closed on Lake Shore Boulevard
- One lane in each direction on Bathurst St maintained
- Westbound right from Lake Shore Boulevard allowed
- Every other turning movement restricted.
- Temporary closures of sidewalks may be required. Pedestrian detours and signage will be in place. Access to businesses and properties will be maintained.



# Construction Impacts

	<b>Pedestrians</b> <ul style="list-style-type: none"><li>• No crossing within the active work zone. Signs will be installed directing pedestrians where to cross.</li></ul>
	<b>Deliveries</b> <ul style="list-style-type: none"><li>• Alternate location arrangements should be made – i.e. nearest intersecting street, or public lane.</li></ul>
	<b>Parking</b> <ul style="list-style-type: none"><li>• No parking within the work zones</li><li>• No on-street parking within 'Road Closed' signs</li></ul>
	<b>Access to businesses</b> <ul style="list-style-type: none"><li>• Signage will be installed along construction fencing advising the public that businesses remain open during construction.</li></ul>

# Construction Impacts

	<p><b>Work hours and excavation</b></p> <ul style="list-style-type: none"><li>• Watermain work (Phase 1) will take place between 7 a.m. and 7 p.m., Monday to Friday, with late work or weekend work when needed.</li><li>• Track replacement work (Phases 2 and 3) will take place at all hours, 7 days per week.</li><li>• Excavation and heavy breaking will occur at various times throughout the day. Concrete milling and breaking activity will occur mainly between 7 a.m. and 11 p.m.</li></ul>
	<p><b>Waste collection</b></p> <ul style="list-style-type: none"><li>• Please follow your normal routine. If required, the contractor will move bins to an appropriate location and return them. Please ensure that you label your bins with your address.</li></ul>
	<p><b>Vibration and dust</b></p> <ul style="list-style-type: none"><li>• On-site vibration monitoring will be in place.</li><li>• The contractor will take necessary steps to reduce dust caused by construction (concrete wetting).</li></ul>



# Rail Delivery, Welding, Storage and Installation

- TTC crews will need to weld new rail strings (tracks) together before construction begins, allowing for faster installation and reduced disruption to the community.
- The TTC will deliver the new rail strings and pre-cast rail panels (on flat trailers) before installation work begins.
- The rail panels will be stored on the same flat trailers and parked in or near the work zone, which may require temporary changes to parking adjacent to the storage area/work site.
- The welded rail strings will also be stored at or near the work zone.
- TTC crews will draw from the two storage locations and install them along Bathurst Street, the Bathurst/Lake Shore intersection and a small segment of Fleet Street.
- The trailers will be removed once the panels are depleted, and any parking removals will be restored.
- The TTC will communicate the exact delivery date/s and trailer storage locations before track renewal is expected to start.



# TTC Service

To accommodate this project, the TTC will begin diverting 509 Harbourfront and 511 Bathurst streetcars away from the work zone at the Bathurst Street, Fleet Street and Lake Shore Boulevard West intersection.

**Changes to the 511 Bathurst (starting Sunday February 16<sup>th</sup>, 2025):**

**511 Bathurst streetcars** will divert, operating between Bathurst Station and King Street West at Spadina Avenue

**511B Bathurst replacement buses** will be introduced, operating between Queen Street West at Bathurst Street and Exhibition Loop via Fort York Boulevard.

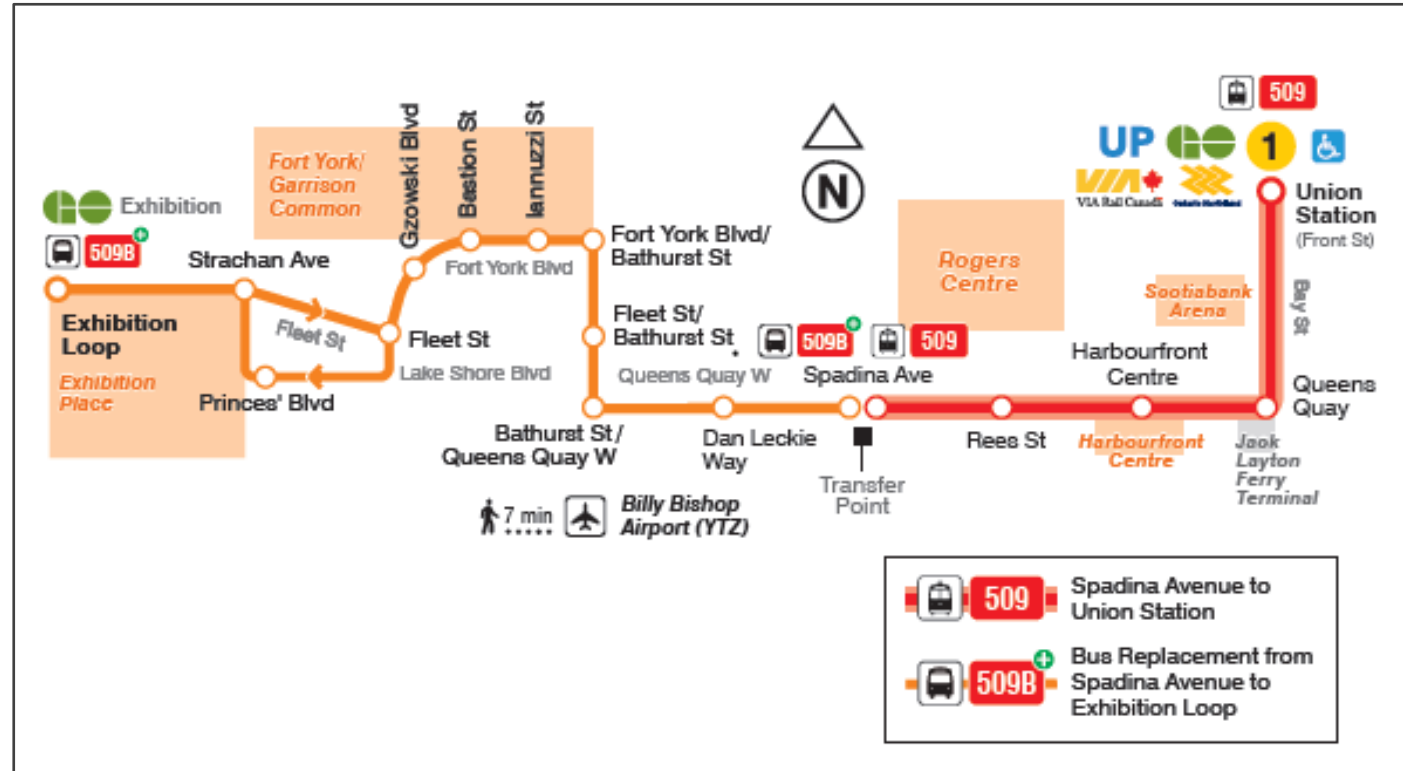


# TTC Service cont.

Changes to the 509 Harbourfront (starting Monday, February 17<sup>th</sup>, 2025):

**509 Harbourfront streetcars** will divert, operating between Union Station and Spadina Avenue at Queens Quay West.

**509B Harbourfront replacement buses** will be introduced, operating between Spadina Avenue at Queens Quay West and Exhibition Loop via Bathurst Street and Fort York Boulevard.





# TTC Service cont.

## Changes to the 509 Harbourfront (starting late March 2025):

**509 streetcars** will be temporarily suspended after late March 2025, with service maintained by the 510A Spadina streetcar, operating between Spadina Station and Union Station

**509B replacement bus** routing will be modified slightly in March 2025 to accommodate traffic restrictions due to construction conditions at the intersection of Bathurst Street, Lake Shore Boulevard West and Fleet Street.

## Changes to the 509 Harbourfront (starting May 2025):

**511B replacement bus** routing will be modified slightly in May 2025 to operate between King Street West at Bathurst Street and Exhibition Loop via Fort York Boulevard to accommodate diversions elsewhere in the network.

*Once details are finalized, they will be posted online at [ttc.ca](https://www.ttc.ca)*

# Tools to Manage Traffic

To help manage traffic flow during construction, the City will undertake the following measures:

- Traffic Signal Timing Adjustments
- Signage Plan
- Camera Observations
- Travel Time Data
- Temporary removal/bagging of relevant existing road sign restrictions
- Reviewing implementation of Paid Duty Officers at key intersections during busy periods



# Project Coordination

- The City of Toronto recognizes the significant impact that construction can have on the community. The City is committed to minimizing the impact of construction activities by coordinating critical state-of-good repair work with major events, essential services and other third-party infrastructure projects.
- This ensures that necessary improvements are carried out efficiently, within narrow timeframes, while minimizing disruptions to residents, businesses and commuters where possible.
- The timing of work at Bathurst Street and Lake Shore Boulevard has been coordinated with other City infrastructure projects including Gardiner Rehabilitation (Section 2 – Dufferin Street to Strachan Avenue) as well as projects planned for future years.
- The City also has tools in place to help manage the impacts of projects carried out by other contractors, and to facilitate coordination with City projects.



# Coordination with nearby projects

## Gardiner Section 2 Rehabilitation

- The elevated section of the Gardiner Expressway is being rehabilitated between Dufferin Street and Strachan Avenue. Work is anticipated to be complete in mid-2026.
- Visit [toronto.ca/gardinerS2](https://toronto.ca/gardinerS2) for details.

## Toronto Hydro

- Toronto Hydro is installing a new hydro duct to Ontario Place.
- Starting February 17, Toronto Hydro work will be carried out overnight.
- Any disruption to vehicle lanes on Lake Shore Boulevard will be limited to overnight work hours, from 9 p.m. to 5 a.m. No lane closures will be in place during daytime hours.
- Questions can be directed to [capitalprojects@torontohydro.com](mailto:capitalprojects@torontohydro.com).

# Keeping You Informed

Throughout the construction, the City and TTC will:

- Issue Construction and Transit Update notices ahead of major changes
- Send regular email project updates
- Regularly update the City and TTC project webpages

Sign up for email updates at  
[toronto.ca/BathurstLakeShore](https://toronto.ca/BathurstLakeShore)

For the latest TTC information visit:  
[ttc.ca/BathurstLakeShore](https://ttc.ca/BathurstLakeShore)

**Transit Notice**  
Issued on January 31, 2024

**Planned service changes to the 501 Queen, 504 King, 508 Lake Shore, and 63 Ossington streetcar/bus routes due to watermain replacement and streetcar track renewal on King St. W., from Dufferin St. to Shaw St.**

TTC service changes: Starting February 18 to December 2024  
\*Content/timeline accurate at the time of printing

**What the City of Toronto and TTC are doing on King Street West and why**

Starting in February 2024, the City will begin renewing the aging watermain along King Street West from Dufferin Street to Shaw Street. In May 2024, City and TTC crews will begin replacing the aging streetcar tracks along the same section of King Street West. This work is required to bring City infrastructure to a state of good repair and is part of the Council-approved 2023 Capital Works Program.

**Work activities will include:**


- Watermain replacement on King Street West from Dufferin Street to Shaw Street
- Streetcar track renewal on King Street West from Dufferin Street to Shaw Street. This will include streetcar track renewal at the intersection of King Street West and Dufferin Street
  - A full intersection closure will be required between five and six weeks to complete this work. TTC routes operating through the area will be adjusted to accommodate this work. Details on such changes will be communicated before work starts.
- Before streetcar track renewal starts in May 2024, TTC crews will deliver new streetcar rail strings near the work area. Crews will weld the new rail strings into longer strings and store them adjacent to the work area for eventual installation. Businesses/residents affected by this work/storage will receive a notice from the TTC with additional information.


**Changes to TTC service due to this work**


**Starting Sunday, February 18, 2024 (see maps on Page 2):**

- 601 Queen streetcars will divert onto Dufferin Street (to Dufferin Gate Loop) until 10 p.m.
  - After 10 p.m., 601 Queen streetcars will operate west to Long Branch Loop along its regular routing.
- 604A King streetcars will divert onto Queen Street West between Shaw Street and Roncesvalles Avenue.
  - 604B King streetcars will divert onto Queen Street West between Shaw Street and Roncesvalles Avenue and extend to Humber Loop before 10 p.m., and to Roncesvalles Avenue after 10 p.m.
- 608 Lake Shore streetcars will divert onto Queen Street West between Shaw Street and Roncesvalles Avenue (starting February 19, 2024, as this route does not operate on weekends).

Roadside/Schedule/Fares: 416-393-4536 (automated - 24 hours daily)  
Customer Service: 416-393-3030 (daily 7 a.m. to 10 p.m.)  
TTY Line: 1-800-855-0511 (daily 8 a.m. to 6 p.m.)

**ttc.ca**

**@TTCinfo**

**@takehetc**

**Construction Notice**

**TTC Streetcar Track Renewal and Watermain Replacement on King Street West between Dufferin Street and Shaw Street**

Start Date: Mid-February 2024  
Contract: 2023 LNO-0190  
End Date: December 2024

This work is required to bring City infrastructure to a state of good repair and is part of the Council-approved 2023 Capital Works Program.

Sign up to receive email updates about this project at [toronto.ca/BathurstLakeShore](https://toronto.ca/BathurstLakeShore) or at a future notice.

**LEARN MORE**

The City invites you to attend a virtual Public Information Event to learn about the upcoming construction. There will be an opportunity to ask questions during the event.

**Thursday, February 15, 2024**  
6:00 p.m. to 8 p.m.


Register at [toronto.ca/BathurstLakeShore](https://toronto.ca/BathurstLakeShore)

**Join online or by phone**  
Dial: 416-815-4536  
Meeting number: 2024 118 9655  
Meeting password: 5484

Phase / Timing / Location	King Street West Travel Impacts
<b>Phase 1 - Mid-February to end of July 2024</b> Watermain replacement Dufferin Street to Shaw Street	One travel lane in each direction will be maintained around the work zone. Pedestrian access will be maintained. TTC service will be rerouted - see page 4.
<b>Phase 2 - Mid-May 2024 to June 2024</b> Streetcar track renewal Dufferin Street to Fraser Avenue	No eastbound travel through the work zone (also-July). Other temporary intersection closures as needed. Pedestrian access will be maintained. TTC service will be rerouted - see page 4.
<b>Phase 3 - June 2024 to July 2024</b> Streetcar track renewal Intersection of King Street and Dufferin Street (full intersection closure)	No eastbound travel through the work zone (also-July). Other temporary intersection closures as needed. Pedestrian access will be maintained. TTC service will be rerouted - see page 4.
<b>Phase 4 - August 2024 to September 2024</b> Streetcar track renewal Fraser Avenue to Adelaide Avenue	No eastbound travel through the work zone (also-July). Other temporary intersection closures as needed. Pedestrian access will be maintained. TTC service will be rerouted - see page 4.
<b>Phase 5 - September 2024 to end of October 2024</b> Streetcar track renewal Adelaide Avenue to Shaw Street	No eastbound travel through the work zone (also-July). Other temporary intersection closures as needed. Pedestrian access will be maintained. TTC service will be rerouted - see page 4.

Don't share this notice with the property owner or tenants and post in a common area.

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# Contact



If you have any questions regarding construction, please contact:

**Mark De Miglio – City of Toronto**

Senior Coordinator, Public Consultation Unit

Telephone: 416-395-7178

Email: [BathurstLakeShore@toronto.ca](mailto:BathurstLakeShore@toronto.ca)

**[toronto.ca/BathurstLakeShore](https://toronto.ca/BathurstLakeShore)**

If you have any questions regarding TTC service, please contact:

**Michael Vieira – TTC**

Senior Community Liaison

Telephone: 437-551-4609

Email: [BathurstLakeShore@ttc.ca](mailto:BathurstLakeShore@ttc.ca)

**[ttc.ca/BathurstLakeShore](https://ttc.ca/BathurstLakeShore)**