

King Street East and Church Street intersection Watermain Replacement & TTC Streetcar Track Renewal



Virtual Public Information Meeting
May 26, 2025

Land Acknowledgement

We acknowledge the land we are meeting on 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 First Nations, Inuit and Métis peoples. We also acknowledge that Toronto is covered by Treaty 13 with the Mississaugas of the Credit.

Overview

The City of Toronto and TTC are carrying out construction work at the intersection of King Street East and Church Street.

Work started in May and is expected to be complete by the end of August.

The work involves:

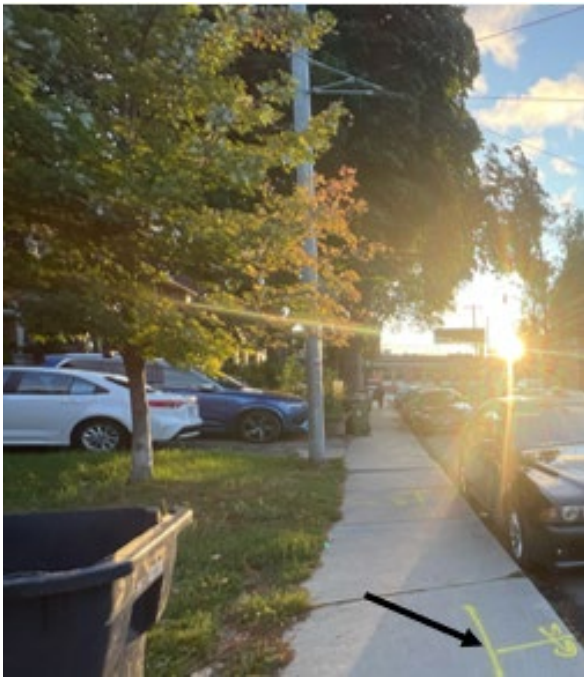
- replacing the 142-year-old watermain located on the north and south side of King Street
- replacing the streetcar tracks at the intersection

Previous communications identified a four-phase approach to construction.

Unexpected utility conflicts may require changes to the construction plan and phasing.

Watermain Replacement

1. Locate underground utilities (gas, electric)



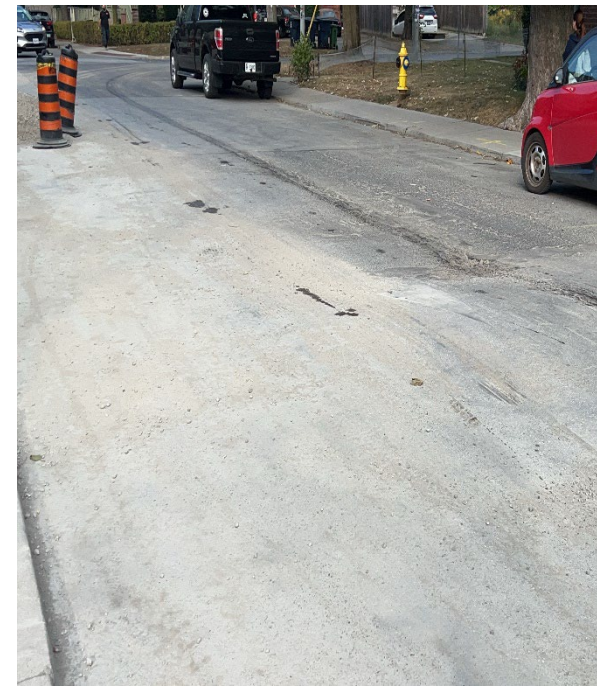
2. Dig a trench



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



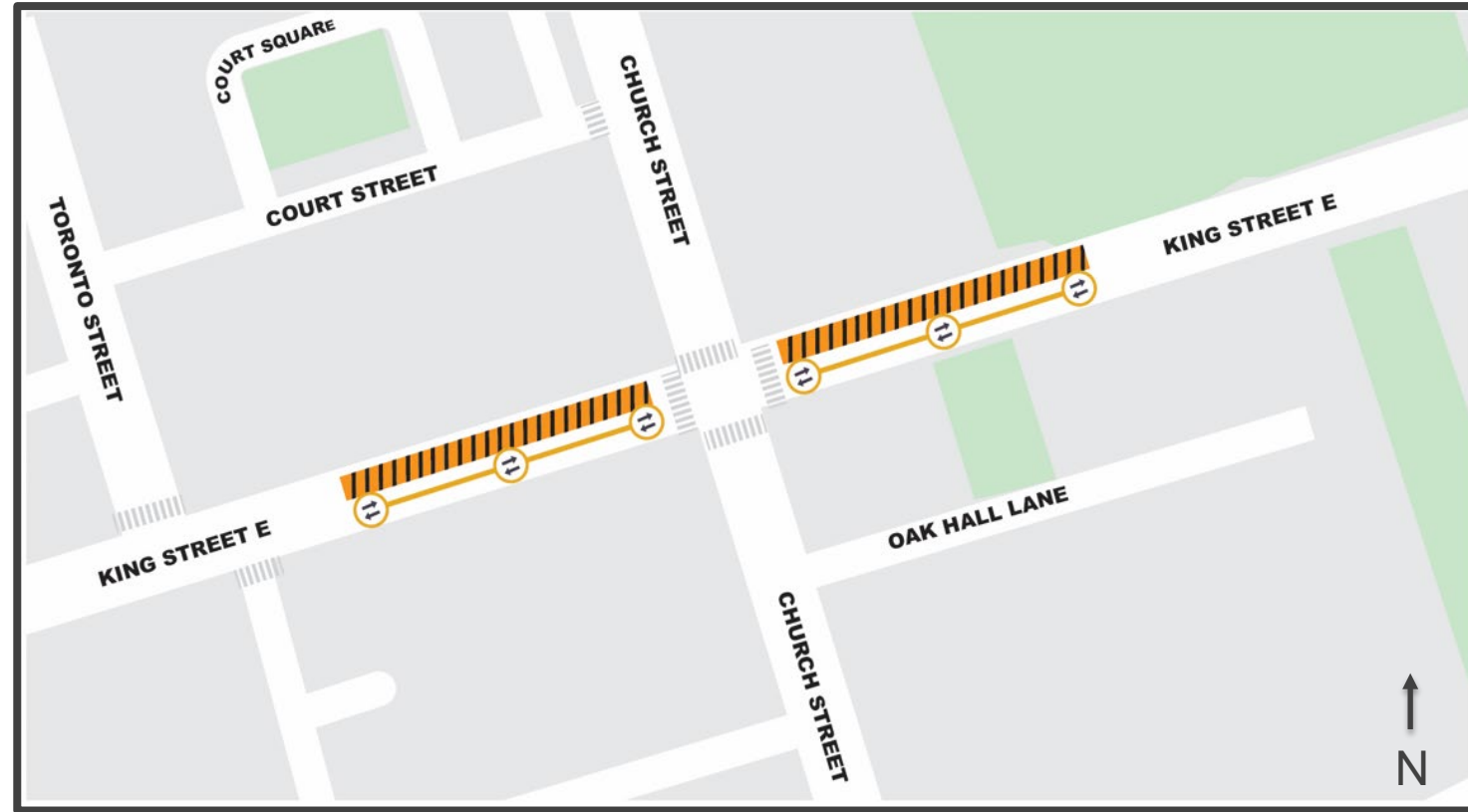
4. Restore the watermain trench



Phase 1: Watermain Work – North Side

Completed ahead of schedule:

- Installation of the new watermain on the north side of King Street, east and west of Church Street has been completed.
- One travel lane was maintained in each direction.
- Access to businesses and properties was maintained.



Watermain Work – South Side

- Planned watermain replacement work on the south side of King Street (Phase 2) has been paused due to unforeseen underground utility conflicts.
- Initial excavation carried out last week uncovered utilities located in very close proximity to the watermain. As a result, the planned approach to watermain replacement will be modified.
- The City is currently working with the contractor to identify a revised plan that does not impact the overall construction schedule and completion timeline.
- Information will be provided through project email updates and on the project web page.
- TTC streetcars are continuing to divert around the intersection. Replacement TTC bus service is provided on King Street East.



Streetcar Track Replacement

Steps include:

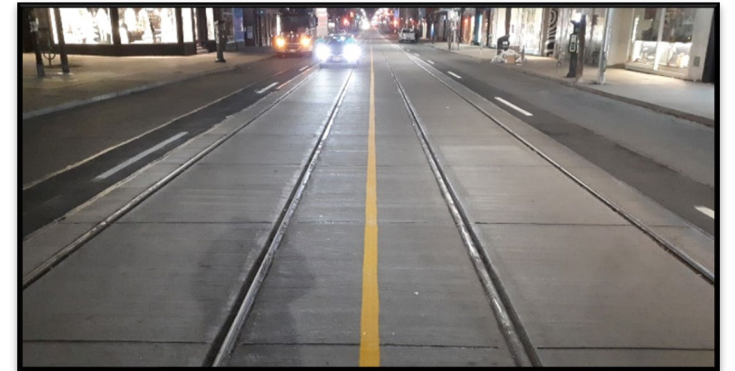
1. Cutting and removing old concrete and rails



2. Pouring new concrete track and installing new rails



3. Restoring and re-opening the road to vehicles



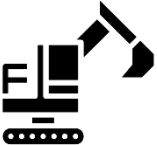


Track Replacement & Intersection Closure





- To complete this project, full closure of the intersection will be required.
- Crews will remove the streetcar tracks that run east-west and north-south.
- The intersection will be closed to vehicles and bicycles. Signage will be in place directing people cycling to dismount and walk.
- Pedestrian access around the intersection will be maintained, however, temporary sidewalk closures may be required. Pedestrian detours and signage will be in place.
- Access to businesses and properties will be maintained.
- No TTC service through the intersection.



Construction Impacts

	Work hours and excavation <ul style="list-style-type: none">• Watermain work will take place between 7 a.m. and 7 p.m., Monday to Friday, with late work or weekend work when needed.• Track replacement work will take place 24 hrs a day, 7 days per week.• 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.
	Waste collection <ul style="list-style-type: none">• 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.
	Vibration and dust <ul style="list-style-type: none">• On-site vibration monitoring will be in place.• The contractor will take necessary steps to reduce dust caused by construction (concrete wetting).

Construction Impacts

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

Watermain Testing & Chlorination

- The watermain must be pressure- and chlorinate-tested to ensure it reaches City standards.
- On-site activity is reduced as this test occurs, and no additional watermain work can be carried out until the test is passed.
- If the watermain does not pass the test, the system will need to be flushed out and retested until it has passed. Each cycle of testing is approximately one week in duration.
- The construction timeline will be impacted if the pressure/chlorination test fails.



Rail Delivery, Storage and Installation

- The TTC will deliver pre-cast rail sections on flat trailers before rail installation work.
- The new rail 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.
- TTC crews will draw from the stored rail to install it at the King Street East/Church Street intersection.
- The trailers will be removed once the rail is 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.



Tools to Manage Traffic

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

- Implementation of a signage plan
- Camera observations
- Analysis of travel time data
- Adjustment to traffic signal timing
- Temporary removal/bagging of relevant existing road sign restrictions
- Implementation of Paid Duty Officers as well as Traffic Agents, if required, at key intersections during busy periods



TTC Service Changes - Streetcar Diversions & Bus Replacement

Effective May 11, 2025 Streetcars are diverting as follows:

- **503/303 Kingston Rd and 508 Lake Shore streetcars** are operating via Queen Street between Broadview Avenue and Spadina Avenue, via Church Street, Adelaide Street/Richmond Street, and York Street.
- **504/304 King streetcars** are operating (**since May 16**) via Queen Street between Broadview Avenue and *Shaw Street*, via Church Street, Adelaide Street/Richmond Street, and York Street.
- **504C King (Bathurst Distillery) and 504/304D King (Bathurst-Broadview & Gerrard) replacement buses** operate on King Street between River Street and Bathurst Street.



TTC Service Changes – Full Intersection Closure

Once the King Street East and Church Street intersection closes to through traffic, **504C King** and **504/304D King replacement buses** will divert around the intersection as follows:

- **Eastbound:** diverting from King Street West and Yonge Street via south on Yonge Street, east on Front Street East, north on Jarvis Street to King Street East to resume regular routing.
- **Westbound:** diverting from King Street East and Jarvis Street via south on Jarvis Street, west on Front Street East, west on Wellington Street East, north on Yonge Street to King Street West to resume regular routing.

Wheel-Trans services will be accessible in all areas where local traffic is permitted.



Temporary Transit Priority Measures

Due to construction-related road restrictions and closures at the King/Church intersection, the TTC was required to divert three streetcar routes (503, 504 and 508)—*quadrupling* the number of streetcars on Queen Street between River Street and Spadina/Shaw. In response, City Council approved *temporary* transit priority measures in **April 2025** to support both transit operations and traffic flow during the construction period.

To support transit operations and manage traffic flow during this period, City Council approved temporary transit priority measures in April 2025.

These measures include:

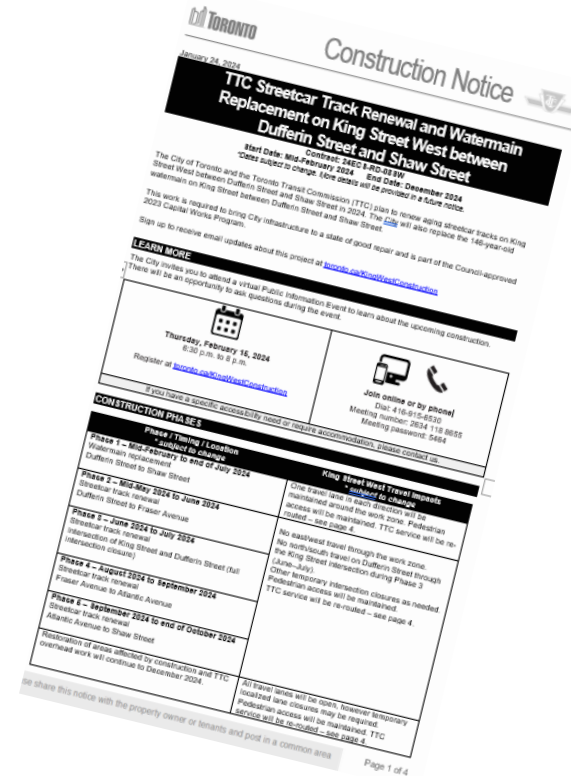
- Installation of an eastbound transit-only lane on Queen Street East, at Broadview Avenue.
- Increased duration of time-of-day turn restrictions (along Queen Street, at various intersections).
- Suspension of CaféTO (curbside patio) installations Queen Street from Spadina Avenue to McCaul Street and Church Street to River Street.
- Extended 'no stopping' restrictions along Queen Street, from **7 a.m. to 7 p.m., both curb lanes, every day**
 - Based on observed travel times to date, metered parking (pay and display) on Queen Street (Church to River) will be re-instated from **11 a.m. to 2 p.m., both curb lanes, every day**, following City Council approval on **May 22, 2025**.
- Loading zone timing and specific locations are currently under review to speed streetcars and traffic on Adelaide Street, between Church Street and York Street.



Keeping You Informed

Throughout the construction, the City and TTC will:

- Send regular email project updates to subscribers
- Update the City and TTC project webpages
- Respond to phone calls and emails within two business days
- Hold monthly Construction Liaison Committee meetings with key stakeholders near the work area



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
*Construction schedule accurate at the time of posting

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 storage 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):

- 501 Queen streetcars will divert onto Dufferin Street to Dufferin Gate Loop until 10 p.m.
 - After 10 p.m., 501 Queen streetcars will operate west to Long Branch Loop along its regular routing.
- 504 King streetcars will divert onto Queen Street West between Shaw Street and Runnells Avenue.
 - 504B King streetcars will divert onto Queen Street West between Shaw Street and Runnells Avenue and extend to Huron Loop before 10 p.m., and to Runnells Avenue after 10 p.m.
- 508 Lake Shore streetcars will divert onto Queen Street West between Shaw Street and Runnells Avenue (starting February 19, 2024, as this route does not operate on weekends).

Routes/Schedules/Hours: 416-392-4030 (weekdays - 24 hours daily)
Customer Service: 416-392-3030 (daily 7 a.m. to 10 p.m.)
TTY Line: 1-800-385-0511 (daily 8 a.m. to 6 p.m.)

Icons: @TTCinfo @tctinfo

Contacts



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: KingChurch@toronto.ca

toronto.ca/KingChurch

If you have any questions regarding TTC Service or rail storage/installation, please contact:

Michael Vieira – TTC

Senior Community Liaison

Telephone: 437-551-4609

Email: KingChurch@ttc.ca

ttc.ca/KingChurch