

ADDENDUM Attachment 4

Bridge Renewal Program Update

This attachment provides updated information regarding the anticipated construction timing for the bridge renewal program. These updates reflect the evolution of project scope, schedule, and construction strategies resulting from ongoing planning and design work.

This is an update to previously communicated information, including:

- Executive Committee on January 19, 2022 (Item 6. 2 Integrated Infrastructure Services Report IIS00814 - Bridge Program Update)¹ and;
- Memorandum to Council² on May 31, 2024 Bridge Renewal Program Update.

The following graphic depicts the updated anticipated construction timing for bridge renewal activities based on the evolution of the projects as design is moving forward.

Project	2025	2026		Construction (Planned)
Wellington Bridge (102 Avenue) Replacement	⊗	⊗	<blank>	No traffic impacts
Dawson Bridge	↔		↔	Lane reductions
Low Level Bridge (Southbound)	↔		↔	Off-Peak Lane Impacts
Low Level Bridge (Northbound)		⊗	⊗	Closure

As with other critical structures, the projects shown are prioritized based on condition and need to address safety and functional concerns and prevent unplanned closures. As such, these projects should proceed.

To mitigate the impacts of the bridge renewal program, Administration investigated road configuration and traffic signal adjustments around the Walterdale Bridge and adjacent roads, which have been postponed as they were not required to support traffic management in 2025. As a result, the Walterdale Bridge is not being converted to two-way at this time.

Additionally, the High Level Bridge is still in the planning and design phase. The scope and timeline for construction remains to be determined and is not planned to take place in 2025 and 2026.

The following bridge renewal projects will be in construction in 2025.

¹ [Item 6. 2 Integrated Infrastructure Services Report IIS00814 - Bridge Program Update](#)

² May 31, 2024 Bridge Renewal Program Update Memorandum to Council
https://drive.google.com/file/d/1jl-SNGvkUk23FZnjkb8ofkp8JE3FqeNh/view?usp=drive_link

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- Wellington Bridge (Replacement)
 - Construction requires a full closure starting in Q4 2025. The work is sequenced to commence after the completion of accelerated work as part of Valley Line LRT West project at 104 Avenue and 124 Street intersection.
 - 102 Avenue will be closed between Wellington Crescent and Churchill Crescent in late 2025. The construction is being sequenced to allow for a compressed schedule with non-weather dependent or critical activities such as demolition occurring during winter.
 - Commuting traffic will be required to use alternate routes, including River Valley Road, 100 Avenue/Victoria Park Road, Stony Plain Road, 107 Avenue, and 111 Avenue.
 - Pedestrians, cyclists and transit buses will also be required to detour from 102 Avenue to alternate posted routes.

- Dawson Bridge (High Priority Repairs)
 - Construction is being planned to minimize the requirement for a full closure for an extended amount of time.
 - The bridge may require night-time or weekend closures to accommodate the steel strengthening.
 - The scope and scale of traffic impacts has not been finalized and will be determined in Q2 2025 after the detailed design is complete.
 - Construction activities will require the closure of one sidewalk at a time; active mode users will be directed to use the sidewalk on the alternating side of the bridge.

- Low Level Bridge Southbound (High Priority Repairs)
 - Construction requires the full closure of the bridge starting in Q3 2025.
 - Southbound traffic will be rerouted to the Low Level Bridge Northbound.
 - Low Level Bridge Northbound traffic will be rerouted to James Macdonald (98 Avenue) Bridge.

Communication will be provided to stakeholders and the public for each individual project as the traffic accommodation plans are established and confirmed. Administration will continue to provide updates on the bridge renewal program through the Transportation Projects Traffic Management quarterly reports.