

SUBJECT: Bromley Road area minor reconstruction – additional storm sewer works
(Contract ES-24-11)

TO: Committee of the Whole

FROM: Public Works
Engineering Services

Report Number: PWS-31-25

Wards Affected: 5

Date to Committee: July 7, 2025

Date to Council: July 15, 2025

Recommendation

Approve additional storm sewer replacement scope for Bromley Road area minor reconstruction (RD-RR-1635) project, including additional funding in the amount of \$900,000 from Infrastructure Renewal Reserve Fund, increasing the total project budget to \$18,225,254 (net HST).

Executive Summary

Construction of the Bromley Road Area Minor Reconstruction (RD-RR-1635) project commenced in November 2024 (see Project Area map in Appendix A). Construction phase inspections have identified deterioration in the existing storm sewers since the pre-design condition review, and replacement of an additional 660 metres of pipe, including appurtenances, is now considered warranted to ensure long-term structural integrity and groundwater impermeability of the stormwater system. The contractor is prepared to complete this work, which is anticipated to extend the project schedule by up to eight weeks – anticipated construction completion is now November 2026.

Staff recommend the approval of the additional storm sewer replacement scope and a corresponding budget increase of \$900,000 for the Bromley Road Area Minor Reconstruction (RD-RR-1634) project, with funding to be sourced from positive variance allocations to the Infrastructure Renewal Reserve Fund detailed in report 2025 Capital Variance and Project Closure (FIN-19-25) report.

Purpose of report

Request approval for an additional \$900,000 in funding from the Infrastructure Renewal Reserve Fund for additional storm sewer works on the Bromley Road Area Minor Reconstruction (RD-RR-1635) project in accordance with Schedule D, Section 11 of the Delegated Authority By-law 71-2023 (as amended).

Key findings:

During routine on-site inspections of the storm infrastructure conducted as part of the wastewater and watermain construction for the project, and confirmed through closed-circuit television (CCTV) review, it was determined that the condition of the storm sewers within the project area has deteriorated significantly since the pre-design assessment completed in 2018. The sewers now show increased susceptibility to groundwater infiltration, reduced structural integrity, and may not be capable of meeting service requirements until the next scheduled road renewal in the area.

Implications:

Replacing the deteriorated storm sewers as part of an existing contract maximizes cost efficiency, minimizes future maintenance issues, and ensures long-term stormwater infrastructure reliability without the need for additional contractor mobilization. The additional storm sewer scope is anticipated to extend the project completion date up to eight weeks.

Recommendation Report

Background

The Bromley Road Area Minor Reconstruction (RD-RR-1635) project includes full depth asphalt replacement, replacement of existing concrete curb and sidewalk, installation of new sidewalks, street lighting upgrades and spot repair of concrete storm sewers within the project area limits (Appendix A, Project Area). Construction services were procured as a joint tender with Halton Region in July 2024, including water and wastewater scope within the project area. The contract was awarded to D'Orazio Infrastructure Group Limited through Procurement Award Report ES-24-11 and construction commenced in November 2024.

During standard on-site inspections of the storm infrastructure conducted during construction of the wastewater main and watermain for the project, and confirmed by closed-circuit television review, it was determined that the condition of project area storm sewers has deteriorated since the pre-design condition review completed in 2018. These sewers are more susceptible to groundwater infiltration, have reduced structural integrity and may not meet service requirements until the next scheduled road renewal (asphalt resurfacing) for the project area.

As a result, spot storm sewer repairs are no longer considered sufficient and approximately 660 metres of additional storm sewers, including appurtenances, warrant replacement. The increase in construction cost is estimated to be \$900,000 based on recent competitive bids for stormwater infrastructure, including this contract.

Analysis

Considerations:

As part of the assessment of the deteriorated storm sewers within the project area, both Cured-in-Place Pipe (CIPP) rehabilitation and full storm sewer replacement were evaluated as potential solutions.

Full replacement of the storm sewer has been advanced as the preferred solution due to construction risks associated with the CIPP solution due to the extent of deterioration in the existing pipes. Furthermore, replacement of the sewers provides a longer asset life, ensuring subsequent repairs will not be required before the next scheduled road renewal (asphalt resurfacing).

Benefits:

- Mitigates localized flooding potential by reducing groundwater infiltration, thereby maximizing available storm sewer capacity.
 - Eliminates the risk of costly emergency storm repairs that would occur outside the timing of the next scheduled road renewal (asphalt resurfacing) project.
 - Takes advantage of competitively bid 2024 storm sewer unit prices, providing better value for investment.
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Recommendation Details

The recommendation is to add additional funding in the amount of \$900,000 from positive variance allocations to the Infrastructure Renewal Reserve Fund (Report FIN-19-25) to the Bromley Road Area Minor Reconstruction (RD-RR-1635) project and proceed with replacing approximately 660 metres of deteriorated storm sewer under Contract ES-24-11.

Key Dates & Milestones

- Tender Award – July 2, 2024
 - Construction Start – November 29, 2024
 - Anticipated Commencement of Storm Sewer Scope – Summer 2025
 - Anticipated Construction Completion – Fall 2026
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Implications

- The approved budget for Bromley Road Area – Minor Reconstruction (RD-RR-1635) project is \$17,325,254. An additional \$900,000 is required to complete the additional storm sewer scope. The estimated total revised project budget is \$18,225,254.
 - The additional budget will be funded from the Infrastructure Renewal Reserve Fund. The uncommitted balance in this reserve fund as of March 31, 2025, is approximately \$8.2 million. This balance is prior to the funding allocation as part of the 2025 Capital Variance and Project Closure (FIN-19-25) and the recommended draw from this report.
 - In accordance with Schedule D, Section 11 of the Delegated Authority By-law 71-2023, the funding required post tender is greater than \$100,000 and requires Council approval.
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References

- 2025 Capital Variance and Project Closure, FIN-19-25
- Delegated Authority By-law 71-2023, as amended
- Procurement - Award Report ES-24-11, June 26, 2024

Strategic Alignment

- Designing and delivering complete communities
 - Providing the best services and experiences
 - Protecting and improving the natural environment and taking action on climate change
 - Driving organizational performance
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Appendices:

A. Project Area Map

Report Approval:

All reports are reviewed and approved by the Commissioner, Head of Corporate Affairs, Chief Financial Officer, and Commissioner of Legal and Legislative Services/City Solicitor.

APPENDIX A

Project Area Map

