

DATE: July 15, 2024
REPORT NO: PW-19-2024
SUBJECT: **Lincoln St., Welland St., & Niagara St., Reconstruction Detail Design - Budget Amendment BA2024-07**
CONTACT: Ray Vachon, C.E.T. - Project Manager
Mike DiPaola, P. Eng. - Director of Public Works & Recreation

OVERVIEW:

- In 2022, Lincoln, Niagara, and Welland Streets, located in Wellandport, were identified in the Pavement Management System to be in poor condition.
- In 2023, staff added an engineering detailed design budget and a construction budget in 2025 and 2026, respectively, in the 10 Year Capital Plan. The 2025 budget amount for the detailed design is \$100,000.00.
- Niagara Region began engineering design of the road reconstruction and streetscaping of Regional Road 63 (Canborough Rd) in Wellandport, and during that design it was determined a new stormwater outlet is required down Welland St.
- With the storm sewer works encroaching onto the Township side streets, staff saw an opportunity to include the side streets as part of the Region's Regional Road 63 reconstruction project.
- Staff requested a proposal from the Region's consultant to complete the engineering design of the side streets, to facilitate a joint construction project with the Region and take advantage of economy of scale and efficiencies.
- The cost for this engineering design for the side streets is \$80,000.00, which includes a contingency and non-recoverable HST.
- Therefore, Staff recommends that the Township undertake this detailed design work now, rather than in 2025, and that a 2024 Budget Amendment BA2024-07 in the amount of \$80,000.00 be approved, funded through a Transfer from the Capital Reserve.

RECOMMENDATION:

1. That Recommendation Report PW-19-2024 titled, "Lincoln St., Welland St., & Niagara St., Reconstruction Detail Design - Budget Amendment BA2024-07", dated July 15 2024, be received; and
2. That Budget Amendment BA2024-07, in the amount of \$80,000.00, funded through a Transfer from the Capital Reserve, be approved.

ALIGNMENT TO STRATEGIC PLAN:

BUILD – a safe, connected, caring and active community.

BACKGROUND:

In the 2022 Pavement Management System, Lincoln, Niagara, and Welland Streets, in the hamlet of Wellandport, had been identified with Pavement Condition Indexes (PCI) under 50, which indicates “Poor” condition.

In 2023, staff added the rehabilitation of those streets in the Township’s 10 Year Capital Plan, adding \$100,000.00 in 2025 for the engineering detail design, and \$300,000.00 in 2026 for the construction. These dates aligned with the Niagara Region’s proposed roadwork and streetscaping on Canborough Rd. (RR 63). The timing of the budget allocation in the capital budget forecast was to align with the Region’s project so that there would be economy of scales on a joint construction project with the Region. The Township originally planned to issue its own RFP for the detailed design work of these side streets in 2025, and include the construction works with the Region’s construction Tender call.

In late 2023, the Region issued a RFP and awarded the engineering design of Regional Road 63 (Canborough Rd) project to R.J. Burnside, and engineering design work began promptly.

CURRENT SITUATION:

The Township has been involved in the monthly meetings and preliminary reviews of the design work being undertaken for Regional Road 63. At the 30% design stage, it was determined that a new stormwater outlet would be required to drain Canborough Road, and this outlet would have to go down Welland Street, which meant a reconstruction of that street.

At that point, Township staff decided it would be more efficient and less costly for the Region’s engineer to design the Township’s portion of Lincoln, Niagara, and Welland Streets, as one project. Through leveraging the Region’s procurement process, staff asked for a proposal from R.J. Burnside to complete the engineering design of the Township streets, to be included in the overall Canborough Road reconstruction project.

Proposed work for Lincoln Street from Regional Road 63 to Niagara Street includes full reconstruction, concrete curb & gutter, 1.5m concrete sidewalk on the east side, and a roadway width of 6.5m. The remaining work on Lincoln from Niagara to the north limit includes pulverizing the existing surface, grading, and paving. The existing pavement width of 4.5m will be maintained as it is a dead end street that services 3 properties.

Niagara Street from Lincoln to Welland Streets will be rehabilitated which includes pulverizing, grading, and paving. Existing pavement width of that street varies from 5.2 to 5.8m and will be widened to a consistent 6.0m.

Pavement width on Welland Street from Niagara Street to Regional Road 63 is currently 4.5m with boulevard swales. The entire road platform will be reconstructed to

accommodate the new storm sewer outlet and the completed work will include a 6.0m pavement width with concrete curb and gutter. The Niagara Region will be responsible for the cost of the new storm sewer outlet, and the Township will be responsible for the road reconstruction.

On June 18 2024, we received the detailed proposal from R.J. Burnside & Associates Limited. Work includes full topo survey, geotechnical investigation, Stage 1 archaeology, and complete engineering design of all 3 side streets. Total costs for the Township's portion of the design work is detailed below.

Description	Cost
Engineering Detail Design	\$68,634.18
Contingency	\$ 9,500.00
Misc. Costs & Non-Recoverable HST	\$ 1,865.82
Total	\$80,000.00

FINANCIAL IMPLICATIONS:

The 2025 Capital Budget, as part of the Township's 10 Year Capital Plan, originally included the engineering detail design of this project for \$100,000.00. The total estimated project cost, as per R.J. Burnside's proposal, is within the requested budget.

Since the design work will now occur in the current year, Staff is requesting that Council approve Budget Amendment BA2024-07, to increase the 2024 budget for this project in the amount of \$80,000.00. This Budget Amendment will be funded through a Transfer from the Capital Reserve.

INTER-DEPARTMENTAL COMMENTS:

This report was reviewed by the Deputy Treasurer/Manager of Finance, Interim CAO, and the Clerks Department.

CONCLUSION:

In summary, staff recommend the approval of Budget Amendment (BA2024-07) in the amount of \$80,000.00, to retain R. J. Burnside to complete the necessary detail design.

SCHEDULE A – Side Streets Location Plan

Prepared & Submitted by:

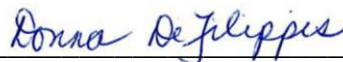


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Mike DiPaola, P. Eng.
Director of Public Works & Recreation

Approved by:



Donna DeFilippis
Interim CAO

