



Title: Broderick Ave. Road Reconstruction – Project Update
Report Number: PWCS2021-49
Meeting Date: Tuesday, October 05, 2021
Report Prepared: Friday, September 24, 2021

RECOMMENDATION(S):

1. THAT Council approve the phasing strategy for the Broderick Ave. Road Reconstruction Project, and,
2. THAT a budget adjustment in the amount of \$20,000 (plus HST) for the revisions to the project design and tender documents be approved and funded from the Transportation Asset Replacement Reserve, and,
3. THAT the Broderick Ave. Road Reconstruction Project - Phase 1 be referred to the 2022 Capital Budget deliberations for consideration.

REPORT:

One of the four pillars of the City of Thorold Strategic Plan 2020-2023 is *Responsible Growth and Infrastructure Planning*. The key objective is to build and sustain infrastructure that generates civic pride. One of the Tier 2 Priorities under this initiative is to complete the reconstruction of Broderick Avenue.

City Council has approved funding in the current Capital Budget to complete the engineering design and approvals stage of the project with the intent to schedule the construction phase into the 10-year Capital Forecast.

The design phase is nearing completion subject to Council's consideration to construct the project in phases that will reduce the annual impact on the Capital Budget.

The purpose of this report is to provide Council with an update of the project status and to consider options for implementation that will meet the objectives of Council's Strategic Plan

Staff has been working with Associated Engineering to design a solution for the reconstruction of Broderick Ave. from West Street to Collier Road. The design considers the replacement of existing storm sewer and road reconstruction. Two public

information centres (PIC) are part of the design process. The first was held on February 18th, 2020 with the second to be scheduled later this year.

The estimated cost of construction for this project is \$3.8 million, including \$2.2 million for road works and \$1.6 million for a new storm sewer.

Given the list of other priority projects scheduled for construction next year staff have considered options to reduce the financial impact on the annual Capital Budget. One option is to consider phasing the project into two separate contracts as follows:

Phase	From/To	Road	Storm Sewer	Total Cost
1	West St. to Westmount Ave.	\$1.3 million	\$0.7 million	\$2 million
2	Westmount Ave. to Collier Rd.	\$1.4 million	\$0.8 million	\$2.2 million
	Total	\$2.7 million	\$1.5 million	\$4.2 million

Constructing the project in one phase is less expensive (\$3.8 million vs, \$4.2 million) but has a significant impact on the annual budget. Staff are recommending that the project be phased with a minimum of two years between the start of each phase.

In order to complete the design in this manner, Associated Engineering will be required to add a temporary road between the phases, modify the current design drawings and include two tendering processes, which will increase the design costs by \$20,000 (plus HST).

BUDGETARY STATUS:

\$ 20,000 (plus HST) to be funded from the Transportation Asset Replacement Reserve.

STRATEGIC PLAN:

Service Modernization

CANADIAN CONTENT:

Designed by a Canadian Engineering Firm

ATTACHMENTS:

None

PREPARED BY: “original signed” Derek Kulyk, Project Manager

SUBMITTED BY: “original signed” Geoff Holman, Director of Public Works and Community Services

APPROVED BY: “original signed” Manoj Dilwaria, Chief Administrative Officer

Report Approval Details

Document Title:	Broderick Ave Road Reconstruction - Status Update - PWCS-49-21.docx
Attachments:	
Final Approval Date:	Sep 29, 2021

This report and all of its attachments were approved and signed as outlined below:

No Signature - Task assigned to Jason Simpson was completed by workflow administrator Joanne Hyde

Jason Simpson - Sep 29, 2021 - 3:23 PM

No Signature - Task assigned to Paul Moore was completed by workflow administrator Joanne Hyde

Paul Moore - Sep 29, 2021 - 3:23 PM

Joanne Hyde - Sep 29, 2021 - 3:24 PM

No Signature - Task assigned to Manoj Dilwaria was completed by workflow administrator Joanne Hyde

Manoj Dilwaria - Sep 29, 2021 - 3:24 PM