



Staff Report

Report Title: H66 Rehabilitation

Prepared By: John Yungblut, Director of Public Works

Department: Public Works

Date: May. 2, 2022

Report Number: PW-2022-05-34

File Number: T11 H66 22

Attachments: BM Ross Tender Review Letter, H66 Map

Recommendation:

THAT the Township of Huron-Kinloss Committee of the Whole hereby approves Report Number PW2022-05-34 prepared by John Yungblut, Director of Public Works AND accepts Part 1 and Part 3 of the tender from Vandriel Excavating Inc. in the amount of \$366,161.82 plus HST for the rehabilitation of structure H66 AND FURTHER authorizes the appropriate by-law coming forward

Background:

The tender for the rehabilitation of structure H66 on Con. 8 was issued by Township Staff with the support of our consulting engineers, B.M. Ross and Associates Ltd. The project was split into three parts:

Part 1: the rehabilitation of structure H66

Part 2: the replacement of a 600mm (24") diameter culvert on Lake Range Dr. south of Con. 8

Part 3: provisional items and contingency allowance

The tender documents stated that it is our intent to award Parts 1 and 3 and assess Part 2 during the tender review process.

The rationale for including the small diameter culvert replacement in the tender, was the fact that both work sites are in close proximity, so there could be some efficiencies gained and it is less likely that there would be traffic control conflicts.

Discussion:

After reviewing the lowest bid submitted, it is the opinion of Township staff that the bridge rehabilitation portion of the project is of fair value, however, the bid submitted for the culvert replacement work is significantly higher than the costs we have incurred for similar work in the past, even when factoring in for the rapid increase in the cost of materials and fuel. Therefore, it would be preferable to not award Part 2 of this tender and Township staff will undertake this work with the assistance of contracted equipment on a time and materials basis instead. We have found this to be the most economical method of replacing small diameter culverts.

Part 1 also includes the asphalt restoration of the road surface in three areas: the bridge deck of H66, the culvert replacement in Part 2 and the road crossing for the Bruce Beach Municipal Drain project (see the map attached to this report). We have found that by combining small paving projects in the same geographic area, we can save considerable mobilization costs and the result is generally of a higher quality.

Financial Impacts:

The 2022 Capital Budget allocated \$460,000 for the rehabilitation of structure H66 which will be funded by Federal Gas Tax revenue. The culvert replacement work will be funded by the 2022 Operating Budget which has allocated \$60,000 for contracted services.

Strategic Alignment / Link:

We are a prosperous community that continues to grow in a sustainable manner by investing in infrastructure.

Respectfully Submitted By:

John Yungblut, Director of Public Works

Approved By:

Mary Rose Walden, Chief Administrative Officer