

DATE OF MEETING FEBRUARY 20, 2019

AUTHORED BY DAVID LABERGE, MANAGER OF COMMUNITY SAFETY

**SUBJECT REQUEST FOR ADDITIONAL FUNDING – BASTION STREET
PARKADE INFRASTRUCTURE**

OVERVIEW

Purpose of Report

To advise the Finance and Audit Committee that a capital project to repair critical infrastructure of the Bastion Street Parkade budgeted for \$242,000 for post tension strand construction will require an additional \$136,100 in funding to complete the required scope of work.

Recommendation

That the Finance and Audit Committee recommend that Council approve an additional \$136,100, funded from the parking reserve, to complete the Bastion Parkade Post Tension Strand Construction capital project.

BACKGROUND

The Bastion Street Parkade was constructed in 1973 with additional levels added in 1991. Remedial work has been undertaken in three phases to replace the tension strands which reinforce the cast-in-place concrete construction at the recommendation of engineering consultants. The first phase of work was completed in 2014, and a second phase followed in 2015.

A 2015 engineering report recommended the replacement of additional tension strands, with an estimated probable cost of \$225,000, which provided a contingency and allowance for engineering, permits and testing.

The capital project for post tension strand construction was budgeted for \$242,000.00 to replace the wire strands in the parkade's structural beams and was to commence in February, 2018. The budget was determined by using costs from the first two phases with an allowance for inflation. This project is funded through the general asset management statutory reserve fund. \$10,316.08 has been spent in 2018 on this project.

There was only one bid received in relation to this RFP. The bid contractor, who has done work on the previous phases of the project, had a bid of \$332,220. An additional \$25,550 will be needed for consulting fees. The consultant also recommended that an additional \$10,000 be added in the event that additional concrete work is required. This will leave a shortfall of \$136,100. These additional costs will be funded from the parking reserve.

The replacement of the tension strands is essential to the structural integrity of the parkade infrastructure.

OPTIONS

1. That Finance and Audit Committee recommend that Council approve an additional \$136,100 to complete the Bastion Parkade Post Tension Strand Construction capital project.
 - a. **Budget Implication:** The final 2019 – 2023 Financial Plan will be amended to include the additional costs to be funded from the parking reserve.
2. That Council provide alternative direction to Staff.

SUMMARY POINTS

- The Bastion Street Parkade infrastructure requires remedial work to replace steel strands which reinforce the concrete structural beams.
- Two phases of work have been completed, a third phase is pending.
- \$242,000.00 has been budgeted to complete the third phase of work with \$10,316.08 costs spent to date.
- An additional \$136,100.00 in funding is required to complete the Bastion Parkade Post Tension Strand Construction capital project.

Submitted by:

David LaBerge
Manager of Community Safety

Concurrence by:

Karen Fry
Director of Public Safety