



**INFRASTRUCTURE AND GROWTH
MANAGEMENT DIVISION
MEMORANDUM**

Page: 1
File:
Pending #:
TMP-31562

TO: MAYOR A. NUTTALL AND MEMBERS OF COUNCIL

**FROM: B. ARANIYASUNDARAN, P.ENG., PMP
GENERAL MANAGER OF INFRASTRUCTURE & GROWTH MANAGEMENT**

WARD: 3

**NOTED: C. MILLAR, CHIEF FINANCIAL OFFICER & TREASURER
D. FRIARY, DIRECTOR OF OPERATIONS
S. DIEMERT, P.ENG., DIRECTOR OF INFRASTRUCTURE
M. PROWSE, CHIEF ADMINISTRATIVE OFFICER**

RE: REHABILITATION OF PEDESTRIAN BRIDGE AT LT04 STORM WATER POND

DATE: DECEMBER 6, 2023

The purpose of this memorandum is to provide Members of Council with cost information related to the rehabilitation of the pedestrian bridge at the storm water pond (referred to as LT04) located between Stanley Street and Callaway Court in Ward 3 (Photos of pedestrian bridge provided in Appendix "A" attached to Memorandum dated December 6, 2023).

BACKGROUND

The pedestrian bridge is in a state of disrepair and has been closed to the public. The bridge was constructed in 2002 and was last inspected in May 2022 by a structural consultant engineer. The 2022 inspection report provided a condition assessment and recommended rehabilitation to be undertaken at a cost of about \$9000.

PROPOSED NEXT STEPS

Based on the condition assessment, staff are confident that the bridge could be rehabilitated and put back in service at an estimated cost of \$20,000. This was the basis for the estimated cost provided at the General Committee meeting dated November 29, 2023. Operational staff have reviewed the estimate and confirmed that this cost is valid, and the work could be undertaken as part of the work plan in 2024, subject to the approval of the additional \$20,000 by Council to be funded from Tax Capital Reserve.

During the Committee meeting, there was discussion about adding this to the scope of work under project EN 1473 - LT04 Storm Pond Repairs and Retrofit.

Project EN1473 is intended to bring the storm pond in compliance with the City's Environmental Compliance Approval (ECA) and includes the construction of a new inlet and outlet structure for the storm water pond. This project is currently in the design phase with construction proposed for 2024 and 2025.

While the discussion during the General Committee considered including this as part of the project EN1473, staff are of the opinion that the proposed rehabilitation of the pedestrian bridge if approved, should be undertaken as a stand-alone project, separate from the pond project.



**INFRASTRUCTURE AND GROWTH
MANAGEMENT DIVISION
MEMORANDUM**

Page: 2
File:
Pending #:
TMP-31562

During the General Committee meeting, there was reference to bridge replacement. To clarify, the reference to bridge replacement is not accurate and what was meant was rehabilitation of the existing bridge. Rehabilitation would ensure that components of the bridge that are in a state of disrepair are repaired or replaced to ensure a safe, functioning pedestrian bridge for the use of local residents. With the proposed \$20,000 investment, the rehabilitated bridge is expected to last another 5 to 10 years.

For information purposes, staff investigated the cost of replacing this bridge with an engineered truss pedestrian bridge with new abutments. It is estimated that such a new bridge would cost an estimated \$400,000. Staff do not recommend an engineered truss pedestrian bridge at this location given the high costs.

APPENDIX "A"

PHOTOGRAPHS OF PEDESTRIAN BRIDGE

