



## **2024 Budget Request**

**Request: Replacement of Emery's Bridge**

**Department: Development and Infrastructure Services**

**Request ID: DEV2024BUDGET-C-03**

**Financial Ask: \$2.2M**

**Funding Source: Capital – To be Determined**

This document and its attachments are public and available in an accessible format upon request.

### **Background and Strategic Priority**

Improve Communication, Collaboration and Transparency

Demonstrate and Enhance Environmental Stewardship

Deliver Effective and Cost-Efficient Services

Structure S-003, known as Emery's Bridge is a Cast In Place Concrete Girder single lane bridge that was built in 1950s. The bridge has an approximate span of 11.3 m across Indian Creek with a posted capacity limit of 9 tonnes.

Every OSIM inspection since 2014 has identified significant structural defects in the bridge and recommended replacement. The 2022 OSIM inspection identified that Emery's Bridge, was in a state of disrepair with bridge deck and abutment failure and a subsequent inspection identified that the structure has failed; ultimately, the bridge was closed and is currently blocked for through access.

Adjacent landowners and farmers have expressed concerns about farming operations and standard of living because of the detour of large agricultural equipment to Grey Road 1.



There has been successful preliminary background work completed to date, including a Cultural Heritage Evaluation and Stage 2 Archaeological Assessment.

## **Analysis**

Further preliminary background work is being finalized, including a Geotechnical Investigation and a scoped Environmental Impact Study. This work is required for various agencies to ensure all approval and permitting requirements are fulfilled.

Future works will include detailed engineering design, permitting, tender preparation and administration, and construction administration and inspection for the construction services for the replacement of S-003 with a single lane bridge at full load limit capacity. This work is expected to be complete in 2024 with a tender ready package in late 2024.

Construction is anticipated to begin early of 2025 with substantial completion in late 2025 where the bridge will be open at full load limit capacity.

## **Financial Impact**

The cost estimate for this is at the following:

Engineering	\$396,000
Construction	\$1,533,400
Contingency	\$270,600
Total	\$2,200,000



### Report Approval Details

Document Title:	2024 Budget Request Replacement of Emery's Bridge;.docx
Attachments:	
Final Approval Date:	Nov 14, 2023

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

Samantha Buchanan, Treasurer

Niall Loble, Director of Community Services