



Staff Report to Council - for Information

Title: Durham Street Bridge - Phase 1 Immediate Repairs Update

From: Adam Stanley, Director of Transportation and Environmental Services

Date: February 6, 2025

Report Number: TES-2025-004

Report Purpose:

This report is for information.

Report Summary:

The Durham Street Bridge project is on budget and work is progressing. It is expected that the full project, including Phases 1 and 2, will be completed in late 2025.

Background/Analysis:

At the April 4th, 2024 Council Meeting, Council authorized the transfer of funds from the Bruce Rd 19 project and the bridge reserve to pay for the Durham Street Bridge immediate repairs. This work commenced in May of 2024 by Pullman Services Inc. (Pullman) administered by Triton Engineering Services' (Triton) as a sole sourced emergency repair, in compliance with the Section 7.1.1 (a) of the County's Purchasing Policy.

A three-level weight restriction was implemented on February 16th, 2024 for the bridge, and two designated alternate truck routes (ATR's) were established to allow for connectivity of truck traffic throughout the County.

Since commencement, Pullman has progressed the work as expediently as possible. The immediate repair works completed to date have included concrete beam repairs, installation of temporary shoring, repair of lap joints and the repair of the north half expansion joints.

There have been a number of significant winter weather events that have created difficult working conditions on site and have impacted the project schedule. The significant amount of snowfall received in December 2024 and January of 2025, have created a potential for flooding in the Saugeen River Watershed upstream of the bridge.

The project team has recognized this threat and prepared a flood mitigation procedure as well as taken steps to lessen the impact of flooding on the structure. Staff remain in contact with the Saugeen Valley Conservation Authority (SVCA) to monitor flooding potential.



***Photo above taken on January 13th, 2025.
(West (span 1) Suspended Platform Removed)***



***Photo above taken on December 23rd, 2024
(East (span 3) Suspended Platform Removed)***

Due to the potential of high-water river flows at the bridge location, the west (span 1) and east (span 3) temporary platform spans have been removed. The centre (span 2) span remains in place to allow for the continuation of work on the expansion joints. The west (span 1) and east (span 3) temporary platforms will be reinstated once the spring thaw has occurred, and flows return to normal levels.

Phase 1-Stage 1 Half Joint Repair (north side) are to be completed by mid-February 2025, including temporary intermediate expansion joints and temporary asphalt for reintroducing traffic onto the north side of the bridge.

Following the traffic switchover to north side of the bridge, Pullman will proceed with the Phase 1-Stage 2 Half Joint Repairs on the south side.

The anticipated completion date for Phase 1 Immediate Repairs is expected in Spring of 2025.

Weight restrictions will be re-assessed upon the completion of the Phase 1 Immediate Repair work.

The Phase 2 rehabilitation work was subject to a competitive Request for Proposal (RFP) as per the County's Purchasing Policy. The successful bidder for that contract is Looby Builders Limited with a price of approximately \$3.4M which includes provisional items and resurfacing along Bruce Road 4 (Durham Street) from William Street to Ontario Road.

Looby has prior working history with the County as they recently completed the Teeswater River Bridge Project in Paisley, in the Fall of 2023. The combined approved total budget for Phase 2 works and resurfacing of Bruce Rd 4 is approximately \$4.1M.

It is expected that Phase 2 of the project will commence after substantial completion of Phase 1 works and will be completed in December of 2025.

Financial/Staffing/Legal/IT Considerations:

The temporary removal of the west (span 1) and east (span 3) spans were additional items to the Phase 1 Contract with Pullman. There will be an incurred cost to remove and re-install the platform spans, however, there is enough contingency built into the existing budget to cover those costs. The project remains within budget.

There are no staffing, legal or IT considerations with this report.

Interdepartmental Consultation:

Corporate Services and Office of the CAO were consulted.

Link to Strategic Goals and Objectives:

Community and Partnerships - Enhance and grow partnerships

Growth and Innovation - Strengthen County's use of technology and innovative initiatives

Link to Departmental Plan Goals and Objectives, if any:

Goal No. 5 from the Transportation & Environmental Services Departmental 2024 Business Plan - Re-enforcement of the Durham Street Bridge.

Report Author:

Ryan Errington, Engineering Manager

Departmental Approval:

Adam Stanley, Director of Transportation and Environmental Services

Approved for Submission:

Claire Dodds, Commissioner of Community Development

Attachments:

None.