



Corporation of the Township of Brock

Staff Report to the Members of Council

From: Ben Kester, CET, CRS-s

Position: Interim Director of Public Works

Title / Subject: Bridge 39, Concession 11 Bridge Repair

Date of Meeting: November 10, 2025

Report No: 2025-OP-032

1.0 Issue / Origin

Following an investigation on Bridge 39 engineers have instructed staff to partially close the Concession 11 Bridge due to concerns about the structural integrity of the footings. This partial closure is recommended to take place immediately. Furthermore, they have advised that a repair to the footings must be completed in 2026 or the bridge will need to be fully closed.

2.0 Background

The 2025 Ontario Structure Inspection Manual (OSIM) report identified that this bridge is subject to a weight restriction. Bridges with weight restrictions require a by-law, which must be renewed every five years. The current by-law is due for renewal; however, a thorough inspection is required to determine whether any changes to the weight limits are necessary. During this inspection, it was determined that half of the bridge must be closed due to footing deterioration.

3.0 Analysis

A new weight restriction bylaw will be forthcoming to Council to be approved.

4.0 Related Policies / Procedures

Asset management policy

5.0 Financial / Budget Assessment

The engineer has provided a cost estimate of \$145,000 which includes engineering and permit fees for the necessary repairs to the bridge.

This project has been included in the 2026 budget, at an estimated cost of \$145,000 (funded by Asset Management Reserves).

5.1 Asset Management

As part of the Township's asset management strategy, it is important to extend the life of infrastructure assets in a cost-effective manner. This repair will help maintain safe access while allowing time to plan and budget for a full replacement. Investing in interim repairs aligns with the principle of maximizing asset value over its lifecycle.

6.0 Climate Change Impacts

N/A

7.0 Communications

Letters will be sent to residents at the end of Concession 11 that will be affected by this lane closure.

8.0 Conclusion

Maintaining the Township's infrastructure in a safe and functional condition is a priority. This repair will provide staff with time to develop a replacement design and secure appropriate funding. While staff considered the option of removing the bridge entirely and acquiring the adjacent property, this was not feasible due to the presence of a solar farm and a high voltage hydro line. Removing the bridge would restrict Hydro One's access to their poles.

Staff will explore several replacement options – including a new bridge, precast culvert or a liner and will obtain design quotes from engineering firms. While the repair is expected to extend the bridge usability for several years.

9.0 Recommendation

Be it Resolved That Report No. 2025-OP-032 entitled "Concession 11 Bridge Repair," be received; and

That Council direct staff to proceed with the design and tender the repair of Concession 11 bridge as soon as possible after the 2026 budget has been approved.