

# Staff Report to Council

**Title:** Bridge Master Plan

**Report Number:** Operations-2025-06

**Director:** Infrastructure & Development

**Manager:** Operations

**Meeting Date:**  
Wednesday, February 26, 2025

**Date to be considered by Council:**  
Wednesday, February 26, 2025

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## Recommendation:

That Council receives report Operations-2025-06 and the Kincardine Bridge Master Plan - Final documents for information; and

Further that Council direct staff to consult with adjacent property owners and report details back to Council to better inform Council prior to making decisions on the structures considered.

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## Executive Summary:

GEI has prepared a draft report that highlights opportunities for both short- and long-term timelines related to our bridge and culverts that meet OSIM criteria. Of the 83 structures, 17 met the criteria for further review under the short- and long-term considerations. 10 structures have been suggested for retirement, with an additional 4 to be re-evaluated later in their life cycle. The review did not incorporate public consultation; staff are suggesting that it be considered as the next step in the overall assessment.

## Strategic Priorities:

D.16-Ensure the Municipality provides value for money and long-term sustainability

## Financial Considerations:

The 2024 budget included funds to complete the Bridge Master Plan. Should Council consider the opportunities presented around retirement, it would save \$7 million dollars from future needs based on present day estimates surrounding the 10 structures presented with retirement opportunity.

The replacement cost data for these 10 structures in the 2022 Asset Management Plan amounts to \$6.347 million (2022 dollars).

## Policy:

GG.2.22-Asset Management Policy

## **Context and Background Information:**

Staff have been working with GEI Consultants Canada Ltd. (GEI) to review the existing structure inventory for considerations around future repair, replacement or possible retirement considerations. The Municipality has a total of 83 structures that meet OSIM criteria for purposes of bi-annual inspections.

From the structure inventory 17 met the criteria for further review under the short- and long-term considerations. 10 structures have been suggested for retirement, with an additional 4 to be re-evaluated later in their life cycle.

Staff worked with GEI to establish criteria to consider within the short- and long-term reviews. This same criterion was utilized to assess structure 2121 on Concession 5 as this structure comes with a substantial cost for replacement. The outcome for structure 2121 suggests replacement which has resulted with inclusion in the 2025 budget deliberations.

## **Consultation Overview:**

Staff have worked directly with GEI to prepare the draft master plan. Further consultation should be considered as a next step to gain insight from local property owners around the impacts with considerations for retirement of structures.

## **Origin:**

2024 Capital Budget

## **Implementation Considerations:**

Should Council elect to adopt recommendations around retirement, communication to residents, emergency services, and others will be required to ensure people are well informed of the changes. Advanced warning signage on roadways will be required and possible considerations around removal and remediation of structures should be reviewed.

## **Risk Analysis:**

Without retirement, Council will continue with financial challenges to maintain a structure inventory of 83. There is potential for public unrest due to possible closures of structures primarily used within their neighborhood area of the community. Closures will result in higher use of other road networks in the respected areas. Considering the recommendations without consultation will exclude feedback from the local community around the technical recommendations within the plan.

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**Attachments:** Kincardine Bridge Master Plan - Council Presentation  
Kincardine Bridge Master Plan - Final

**Prepared by:** Adam Weishar, Director of Infrastructure & Development

**Submitted by:** Adam Weishar, Director of Infrastructure & Development