

## Report to Council

**Report Title:** Durham Bridge Street Update

**Prepared By:** Nicholas Schnurr, Director of Operations, Sonya Watson Chief Administrative Officer

**Department:** Operations

**Date:** February 6, 2024

**Report Number:** PW2024-03 **File Number:** C11PW, T11DU

**Attachments:** Alternate Truck Route Agreement

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### Recommendation:

That the Council of the Municipality of Brockton hereby receives Report Number PW2024-03 - Durham Street Bridge Update prepared by Nicholas Schnurr, Director of Operations, and in doing so approves a by-law coming forward to authorize the servicing agreement between the Municipality of Brockton and the County of Bruce for carrying out maintenance requirements along the Alternate Truck Route (ATR) for the duration of the ATR.

### Report:

#### Background:

The County of Bruce is in the process of conducting a study regarding the Durham Street Bridge. The study is being completed by Burgess Engineering Inc., sub-consulted by Triton Engineering. Burgess Engineering requested that the services of HAL Group Inc. be retained to undertake an updated detailed Bridge Condition Survey (BCS).

The BCS was conducted by HAL in mid-October of 2023. This work included a multitude of inspection strategies. Concrete core samples were collected and analyzed in the laboratory to assess the existing concrete strength. The results of the BCS were provided to Burgess in January of 2024. Burgess has analyzed the findings and summarized their recommendations, which included a recommendation to apply a 3-level load limit to the bridge (15, 25 & 30 tonnes) and provide an alternate truck route (Municipal Maintenance and Emergency EMS/Fire Vehicles to be exempt).

Bruce County has been invited to present to Brockton Council as a delegation to further outline details.

Staff have worked diligently with county staff to determine the most suitable ATR that would be able to support the heavy transport vehicles. The detour will cross Brockton's Concession Road 8 (Brant) between Bruce Road 3 and Bruce Road 19.

**Analysis:**

The Alternate Truck Route (ATR) will go across Concession 8 of Brant between Bruce County Road 3 and Bruce County Road 19. Bruce County will be responsible for maintaining the road according to O. Reg 239/02: Minimum Maintenance Standards (MMS) for the increased traffic caused by diverting traffic due to the weight restriction on the bridge.

Staff recommend a by-law coming forward to authorize this agreement.

Further, the staff report to the Bruce County Council on February 1<sup>st</sup>, 2024 prepared by Adam Stanley, Director of Transportation and Environmental Services outlines that “The County has received a letter from Burgess Engineering Inc. (Burgess) who was sub-consulted by Triton Engineering Services Limited (Triton) regarding the ongoing third-party review of the Durham Street Bridge in Walkerton. The letter suggests that **“rehabilitation should be investigated as this could be a feasible and economical solution to extending the overall life of the bridge”**, based on the findings of a Bridge Condition Survey (BCS) completed by HAL Group Inc.

**Further consultations with a contractor that specializes in half-joint rehabilitation suggest the work could be completed always maintaining one lane of traffic over the bridge.** Burgess is also recommending that Heavy Truck Traffic, with exceptions to Municipal maintenance and Fire/EMS vehicles, be restricted from crossing the bridge and that an alternate truck route (ATR) be established until the rehabilitation/repairs to the bridge are made.

Triton will be presenting an update on the ongoing third-party review along with the next steps and timelines.”

This is good news for the community of Brockton and the Walkerton Business community. With the potential of maintaining one-lane of traffic the need for the Business Viability Committee - Durham Street Bridge and the creation of a Business Viability Action Plan will be on hold and may not be required as more information is received and the EA process continues. A report will be brought back at a later date as further information is received.

**Strategic Action Plan Checklist:**

What aspect of the Brockton Strategic Action Plan does the content/recommendations in this report help advance?

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|---|-----|
| • Recommendations help move the Municipality closer to its Vision                       | Yes |
| • Recommendations contribute to achieving Heritage, Culture, and Community              | Yes |
| • Recommendations contribute to achieving Quality of Life                               | Yes |
| • Recommendations contribute to achieving Land Use Planning and the Natural Environment | N/A |
| • Recommendations contribute to achieving Economic Development                          | N/A |
| • Recommendations contribute to achieving Municipal Governance                          | Yes |

**Financial Impacts/Source of Funding:**

- Do the recommendations represent a sound financial investment from a sustainability perspective?  
N/A

**Reviewed By:**

A handwritten signature in black ink, appearing to be 'Trish Serratore', with a stylized, cursive script.

Trish Serratore, Chief Financial Officer

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**Respectfully Submitted by:**

A handwritten signature in black ink, appearing to be 'N. Schnurr', with a cursive script.

Nicholas Schnurr, Director of Operations

**Reviewed By:**

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Sonya Watson, Chief Administrative Officer