

Report to Council

Report Title:	Closure of the Riversdale Bridge		
Prepared By:	Gregg Furtney, Director of Operations		
Department:	Public Works		
Date:	May 12, 2020		
Report Number:	PW2020-13	File Number:	C11PW
Attachments:	212326 – Review Ltr RE Riversdale Bridge – May 11 2020.pdf; Riversdale Bridge.png		

Recommendation:

That the Council of the Municipality of Brockton hereby receives Report Number PW2020-13 – Closure of the Riversdale Bridge, prepared by Gregg Furtney, Director of Operations and further approves the immediate closure of the Riversdale Bridge as per the recommendation by GM BluePlan

Report:

Background:

In 2018, GM BluePlan was contracted to do the bridge and culvert inspections in Brant and Greenock. A ‘Bridge Review Report’ was submitted for each structure. Each report outlines a description of the structure (including location and structure info) as well as remarks, a conclusion, and recommendations. Those reports are reviewed annually by staff and business cases are developed leading into Capital Budget discussions. The 2020 Bridge and Culvert Inspections are currently being done for 2020. In addition to the Bridge Inspections, as per the 2020 Capital Budget for Public Works, the Municipality continues to retain GM Blue Plan to also complete a Municipal Class Environmental Assessment for the Riversdale Bridge to determine the most suitable alternative for this river crossing. The Municipal Class Environmental Assessment has already been initiated and is expected to be complete by the end of this year.

The Riversdale Bridge, estimated to have been constructed in 1920, is a single span bridge that consists of a steel truss superstructure supported at each end by concrete abutments. It has a timber deck with a gravel approach from the east and an asphalt approach from the west. It is approximately thirty-seven (37) meters long and approximately four (4) meters wide. The bridge structure has been recommended for replacement since 2014 and has had repair work already done to it in 2003 and 2008, including the replacement of several steel truss members, steel stringers, steel crossbeams, and the timber deck.

Due to the ongoing inspections and work being done to complete the Municipal Class Environmental Assessment on the Riversdale Bridge, GM Blue Plan has issued the Municipality a letter, dated Monday May

11th, 2020, recommending that the Riversdale Bridge be closed until remedial work or other options, as assessed and approved by Council, are completed.

Analysis:

As per GM BluePlan's recommendation, staff are also recommending, for liability reasons, that the Riversdale Bridge be closed immediately. The bridge closure would be expected to last through the remainder of 2020 and well into 2021 as remedial work and other options are examined. The letter from Jesse Borges of GM Blue Plan is attached.



Sustainability Checklist:

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

- | | |
|---|-----|
| • Do the recommendations help move the Municipality closer to its Vision? | N/A |
| • Do the recommendations contribute to achieving Cultural Vibrancy? | N/A |
| • Do the recommendations contribute to achieving Economic Prosperity? | N/A |
| • Do the recommendations contribute to Environmental Integrity? | Yes |
| • Do the recommendations contribute to the Social Equity? | N/A |

Financial Impacts/Source of Funding:

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

There are no financial implications related to this report in 2020. There will likely be financial implication in 2021, within the Capital Budget.

Reviewed By:

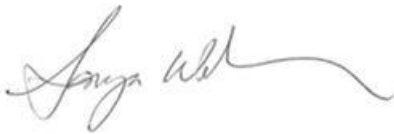
Trish Serratore, Chief Financial Officer

Respectfully Submitted by:

A handwritten signature in blue ink, appearing to read "Gregg Furtney". The signature is stylized with a large initial "G" and a long, sweeping underline.

Gregg Furtney, Director of Operations

Reviewed By:

A handwritten signature in black ink, appearing to read "Sonya Watson". The signature is written in a cursive style with a long, horizontal flourish at the end.

Sonya Watson, Chief Administrative Officer