



Staff Report

Operations – Capital Projects Division

Report To: Committee of the Whole Meeting
Meeting Date: May 10, 2022
Report Number: CSOPS.22.038
Title: Bridges 2 and 3 PIC Follow-up
Prepared by: Kevin Verkindt, Senior Infrastructure Capital Project Coordinator

A. Recommendations

THAT Council receive Staff Report CSOPS.22.038, entitled “Bridges 2 and 3 PIC Follow-up” for information purposes.

B. Overview

This report outlines the comments received from the Public Information Centre (PIC) held virtually on February 28, 2022, for the replacement of Bridges 2 and 3 also known as Mitchell’s Creek Bridges.

Furthermore, this report is provided to Council to update the status of tendering for the replacement of Bridges 2 and 3.

C. Background

The Town issued the Notice of Commencement on April 11, 2019, for a Class EA (EA) under the Environmental Assessment Act to determine the preferred methods of improvement to address structural conditions and roadway safety at Bridges 2 and 3.

Bridges 2 and 3 span Mill Creek on 6th Sideroad, 375 m west of 10th Line. Bridges 2 and 3 are monolithic T-beam bridges that were constructed in the 1930s. An overview map of the location of Bridges 2 and 3 can be seen in Attachment #1.

The bridges have severe deterioration, do not meet current standards and have been posted with reduced load ratings. Bridges 2 and 3 are posted at 10 Tonne. The 2017, 2019 and 2021 Town-wide bridge inspection program (conducted every other year) has identified that replacement of Bridges 2 and 3 will be needed within the next 1 to 5 years and the condition index is described as poor.

The EA completed the phases associated with a Schedule ‘B’ project and identified a preferred solution and after further consideration and feed-back from Council during the presentation of

initial study conclusions (Staff Report CSOPS.19.078), the preferred option was to replace Bridges 2 and 3 with single lane bridges or structures (see Attachment #2).

In late April 2021, the Town awarded the contract for the completion of the detailed engineering design and contract administration to Tatham Engineering Limited (Tatham). It is anticipated that the detailed design will be completed in the first quarter of 2022 with construction beginning in the second quarter of 2022.

As part of the project scope, Town staff identified the need for a public consultation session. Ordinarily this would include a PIC where the public can review the information and ask questions in-person. In lieu of a traditional PIC, Town staff hosted a “Virtual PIC” event where the project was presented to the public via online streaming (similar to Council Meetings). The public will also be able to write-in comments which can be responded to live or following the meeting.

Further, staff proceeded with a Request for Tender (RFT) for construction of the replacement of Bridges 2 and 3.

D. Analysis

The PIC was held on March 3, 2022. The PIC was held virtually on Microsoft Teams from 5:00 p.m. to 7:00 p.m. A total of 14 individuals attended the meeting.

Included below is a summary of the primary concerns heard in the lead up to and throughout the PIC. A detailed breakdown of the specific questions and comments that were received can be found in Attachment #3.

Project Timing and Detour Route

A concern was voiced regarding the project being completed prior to 9th Sideroad becoming unnavigable by snow, and also about increased traffic on 9th Sideroad.

Town Response – The primary detour for this project has been identified as Grey Road 119 which does receive winter maintenance.

Emergency Services Awareness

A comment was received regarding Emergency Services being made aware of the road closure.

Town Response – EMS will be notified of the planned closure dates in advance of construction.

Pedestrian and Cyclist Access

A comment was received regarding the possibility of a pedestrian and cyclist crossing being maintained during construction.

Town Response – The project site is not capable of accommodating a pedestrian or cyclist crossing route during construction.

The replacement of Bridges 2 and 3 project was approved in the [2021 Budget](#) at a total of \$2,210,000. This is further broken down by the following:

\$ 270,000 Engineering
\$1,740,000 Construction
\$ 200,000 Contingency.

The Town's consultant Tatham provided a 95% Engineer's estimate of projected construction costs of \$2,043,335.00 including a \$200,000 contingency.

RFT 2022-33-T-OPS, Replacement of Bridges 2 and 3 was advertised and tendered in accordance with the Town of The Blue Mountain's Purchasing Policy and Procedures. The bidding opportunity was issued on Wednesday March 30, 2022 with a closing date of Thursday April 21, 2022.

Forty-six (46) companies, suppliers and associations requested copies of the bid document and Five (5) bid submissions was received and one (1) bid submission was disqualified due to non-submission of mandatory submission requirements. The official bid results are as follows:

Table 1 – Tender 2022-33-T-OPS:

Bidder Name	Tendered Amount (excluding HST)
HugoMB Contracting Inc.	\$1,766,269.50
Roubos Farm Service Ltd.	\$2,030,338.70
Nuroad Construction Limited	\$2,597,060.00
2220742 Ontario Ltd o/a Bronte Construction	\$2,778,706.00
236715 Ontario Inc	\$3,399,733.44

Operations staff as well as Tatham have reviewed the tender for completeness and mathematical correctness.

The lowest compliant bid in the amount of \$1,766,269.50 (includes \$200,000 contingency) was submitted by HugoMB Contracting Inc. The lowest compliant bid was \$277,065.50 lower than Tatham's estimate and staff do not anticipate a budget shortfall; therefore, will proceed directly to award.

Next Steps

Staff will award the construction contract to the lowest complaint bid, HugoMB Contracting Inc. and will proceed to the removal and the replacement of Bridges 2 and 3 with a proposed construction start date of June 2022.

E. Strategic Priorities

1. Communication and Engagement

We will enhance communications and engagement between Town Staff, Town residents and stakeholders

2. Organizational Excellence

We will continually seek out ways to improve the internal organization of Town Staff and the management of Town assets.

3. Community

We will protect and enhance the community feel and the character of the Town, while ensuring the responsible use of resources and restoration of nature.

4. Quality of Life

We will foster a high quality of life for full-time and part-time residents of all ages and stages, while welcoming visitors.

F. Environmental Impacts

Significant alterations to municipal infrastructure require prescribed environmental study, which take into consideration the impacts the solutions could have on the natural and cultural environment. The level of impacts in each option are weighed against other impacts such as cost. Options for mitigating natural and cultural impacts (such as historic significance) are also put forth.

G. Financial Impacts

This capital project was approved in 2021 with a total budget of \$2,210,000, this project is trending under-budget as both the engineering and construction costs have come in under-budget. This project has some Federal Gas Tax funding however the majority of the funding will be long-term debt. Before taking out any long-term debt staff will review all available funding sources to see if long-term debt can be avoided.

H. In Consultation With

Shawn Carey, Director of Operations

Brent Rolufs, Manager of Capital Projects

Jim McCannell, Manager of Roads and Drainage

Sam Dinsmore, Deputy Treasurer/Manager of Budgets & Accounting

Jason Petznick, Communications Coordinator, Capital Projects

I. Public Engagement

The topic of this Staff Report was the subject of a Public Information Centre in accordance with the following schedule:

- Thursday, April 11, 2019 Notice of Class Environmental Assessment Commencement advertised in the Collingwood Connection;
- Thursday, April 18, 2019 Notice of Class Environmental Assessment Commencement advertised in the Collingwood Connection;
- Thursday, June 6, 2019 Notice of Public Information Centre for Class Environmental Assessment posted on the Town of The Blue Mountains webpage;
- Thursday, June 13, 2019 Notice of Public Information Centre for Class Environmental Assessment advertised in the Collingwood Connection;
- Thursday, June 20, 2019 Notice of Public Information Centre for Class Environmental Assessment advertised in the Collingwood Connection;
- Thursday, July 9, 2019 Public Information Centre held for Class Environmental Assessment;
- Monday, March 30, 2020 Council pass a resolution adopting preferred solution to replace Bridges 2 and 3;
- Thursday, July 23, 2020 Notice of Completion for Class Environmental Assessment advertised in the Collingwood Connection;
- Thursday, July 30, 2020 Notice of Completion for Class Environmental Assessment advertised in the Collingwood Connection;
- July 23, 2020 to August 24, 2020 Project File placed on public record;
- Thursday, February 10, 2022 Notice of Public Information Centre mail out to residents of Bridges 2 and 3 Replacement;
- Thursday, February 10, 2022 Public Information Centre for replacement advertised in the Collingwood Connection;
- Thursday, February 24, 2022 Public Information Centre for replacement advertised in the Collingwood Connection;
- Tuesday, February 15, 2022 Committee of the Whole – Initial staff report CSOPS.22.008 Bridges 2 and 3 Replacement Public Information Centre with recommendation to proceed to public consultation;
- Monday, February 28, 2022 Council – recommendation from Committee of the Whole considered by Council; and
- Thursday, March 3, 2022 Public Information Centre for replacement at 5:00 p.m. to 7:00 p.m.

Residents wishing to receive regular updates regarding this project are encouraged to register for the project email subscription list on the project web page at:

<https://www.thebluemountains.ca/bridge2and3>

Any comments regarding this report should be submitted to Kevin Verkindt, Senior Infrastructure Capital Project Coordinator icpc@thebluemountains.ca.

J. Attached

1. CSOPS.22.038 Attachment 1 Overview Map Location of Bridges 2 and 3
2. CSOPS.22.038 Attachment 2 CSOPS.20.008 Council Resolution
3. CSOPS.22.038 Attachment 3 PIC 1 Summary

Respectfully submitted,

Kevin Verkindt
Senior Infrastructure Capital Project Coordinator

Brent Rolufs
Manager of Capital Projects

Shawn Carey
Director Operations

For more information, please contact:
Kevin Verkindt, Senior Infrastructure Capital Project Coordinator
icpc@thebluemountains.ca
519-599-3131 extension 304

Report Approval Details

Document Title:	CSOPS.22.038 Bridges 2 and 3 PIC Follow-up.docx
Attachments:	<ul style="list-style-type: none">- CSOPS.22.038 Attachment 1 Overview Map Location of Bridges 2 and 3.pdf- CSOPS.22.038 Attachment 2 CSOPS.20.008 Council Resolution.pdf- CSOPS.22.038 Attachment 3 PIC 1 Summary.pdf
Final Approval Date:	Apr 28, 2022

This report and all of its attachments were approved and signed as outlined below:

Brent Rolufs - Apr 26, 2022 - 11:35 AM

Shawn Carey - Apr 28, 2022 - 6:30 AM



9th Sideroad

The Blue
Mountains-Euphrasia
Townline

6th Sideroad

10th Line

BRIDGES 2 & 3,
MITCHELL'S CREEK
BRIDGES

3rd Sideroad



Town of The Blue Mountains

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CSOPS.22.038

Attachment #2

March 30, 2020

Moved by: Rob Sampson

Seconded by: Jim Uram

THAT Council receive Staff Report CSOPS.20.008, entitled "Bridges 2, 3 and 13 Environmental Assessment – Follow up", and

A: THAT Council adopt the solution identified in the Bridge 2/3 (6th Sideroad) Progress Report that positions replacing existing bridges with single lane bridges or structures as the preferred option;

B: THAT Council adopt the solution identified in the Bridge 13 (Main Street, Heathcote) Progress Report that positions replacing the existing bridge with a single lane bridge or structure as the preferred option;

AND THAT Council approve the issuance of the "Notice of Completion" for the thirty-day public and agency review and comment period for Bridges 2, 3 and 13

Bordignon, Peter	Yay
Matrosovs, Andrea	Yay
Potter, Rob	Yay
Sampson, Rob	Yay
Uram, Jim	Yay
Soever, Alar	Yay

The motion is Carried.

CERTIFIED TO BE A TRUE COPY

A large black rectangular box redacting the signature of Corrina Giles.

Corrina Giles, Town Clerk



Town of The Blue Mountains

32 Mill Street, Box 310
Thornbury, ON N0H 2P0
Phone: 519-599-3131 Fax: 519-599-7723
www.thebluemountains.ca

Date: March 29, 2022

Re: Bridge 2 and 3 Replacement – Public Information Centre (PIC) #1

This memo is intended to provide a summary of the questions, comments and answers that were received prior to, or asked during, the PIC held on March 3, 2022. The PIC was held virtually on Microsoft Teams from 5:00 p.m. to 7:00 p.m. A total of 14 individuals attended the meeting.

Included below is a summary of the primary concerns heard in the lead up to and throughout the PIC, as well as a detailed breakdown of the specific questions and comments.

1. Project Timing and Detour Route

A concern was voiced regarding the project being completed prior to 9th Sideroad becoming un navigable by snow, and also about increased traffic on 9th Sideroad.

Town Response – The primary detour for this project has been identified as Grey Road 119 which does receive winter maintenance.

2. Emergency Services Awareness

A comment was received regarding Emergency Services being made aware of the road closure.

Town Response – EMS will be notified of the planned closure dates in advance of construction.

3. Pedestrian and Cyclist Access

A comment was received regarding the possibility of a pedestrian and cyclist crossing being maintained during construction

Town Response – The project site is not capable of accommodating a pedestrian or cyclist crossing route during construction

The following questions were received prior to the PIC, and addressed again during the PIC

Can residents be assured that this project will be completed by the time 9th Sideroad becomes un navigable by snow? – Kevin Walsh, via email

The primary detour for this project has been identified as Grey Road 119 which is maintained during the winter. There will be a stipulated completion date in the construction contract of either mid to late November or early December, but weather conditions may leave the alternate detour routes of 12th Sideroad and 9th Sideroad un navigable by the time construction is completed.

Given the increased traffic expected on the 9th Sideroad, are any mitigation measures planned for that road? It is narrow and has some blind corners. – Kevin Walsh, via email

The primary detour route will be Grey Road 119, and therefore there are no improvements planned for 9th Sideroad through this project.

How are local fire and ambulance services being updated about these closures? – Kevin Walsh, via email



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EMS are being notified of the planned closure dates. Once those dates are confirmed they will be able to plan accordingly to make use of the alternate routes.

During the bridge replacement, while the bridge is closed to motor vehicles, will it be possible for pedestrians and cyclists to still cross? – Kevin Walsh, via email

No, the structures being replaced are only a single lane wide and there is not enough room to stage the construction area to accommodate a pedestrian or cyclist crossing route.

The following question was received following the PIC

What is the construction timeline, and are both bridges being replaced? – Al Stuart

Construction is planned to occur May to November. Both bridges are being replaced with new single-lane bridges with a clear width of 4.9 m. The new bridges will not have a load posting.

Follow-up comment: Al and his brother own the farmland around the bridge sites, and noted that access to their farmland would be a challenge.

It was explained that the geometry of the bridges makes it not possible to maintain a lane of traffic during construction.