



**TOWN OF MINTO**

**DATE:** April 13, 2017  
**REPORT TO:** Mayor and Council  
**FROM:** Bill White C.A.O. Clerk  
**SUBJECT:** Triton Engineering Replacement White's Junction Rail Trail Bridge

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**STRATEGIC PLAN:**

7.2 Promote and pursue in partnership with trail groups and landowners a trail link from Palmerston to Harriston to Clifford, and develop additional trails, paths and walking tours throughout each area to link parks, natural and historic areas.

**BACKGROUND:**

December 20, 2016 Council received staff report regarding reconstruction of the Rail Trail Bridge between the 3<sup>rd</sup> Line and 5<sup>th</sup> Line and passed the following resolution:

**MOTION: COW 2016-301**

**THAT Council receives the C.A.O. Clerk's December 16, 2016 report regarding Cost Estimates Repairs Structure P Rail Trail Fire and directs Triton Engineering to proceed with Option 1.**

The bridge has been unpassable since the fire on August 6/16. Option 1 provides a 2.0m (6.5 feet) steel deck with anti-slip coating at a cost of \$145,000 as outlined below:

PROPOSED REHABILITATION ALTERNATIVE

Description

Two existing interconnected built-up girders are the main load carrying members. The current span is approximately 16.1m, with a proposed deck width of about 2.0m. A steel channel shall be bolted to the top flange of each girder to support the anti-slip steel deck planks and steel railing. Existing wood pier trestles shall be reinforced with new wood members attached to cap and piles, in addition to wood cross-bracing. Existing timber post and lagging retaining wall shall be reinforced with similar material and configuration.

Preliminary Cost Estimate

1	SUPPLY AND INSTALL ANTI-SLIP STEEL DECKING [\$1087/m <sup>2</sup> x 16.1m Long x 2m Wide = 35,001]	\$35,000
2	SUPPLY AND INSTALL PEDESTRIAN STEEL RAILING [\$500/m x 2 x 20m Long = 20,000]	\$20,000
3	WOOD PIER TRESTLES REINFORCEMENT	\$25,000
4	ABUTMENT/WINGWALL TIMBER POST & LAGGING REINFORCEMENT	\$20,000
5	SITE RESTORATION	\$15,000
6	ENGINEERING FEES	\$30,000
TOTAL		\$145,000

Option 2 rejected by Council was a prefabricated bridge structure with a 4.0m (13 foot) deck at \$315,000. The Insurer pays for replacement cost above \$10,000 agreed with Option 1.

**COMMENTS:**

A request for quotations was circulated by Triton Engineering by email to known contractors and posted on the Town website with a closing of April 13, 2017. The following quotations were received:

Company	Total Price (excluding HST)
Reeves Construction Ltd	\$148,201.66
Owen King Limited	\$215,291.00

Triton Engineering has reviewed the proposals and reports the lowest bid is in compliance with specifications.

**FINANCIAL CONSIDERATIONS:**

The Town's cost for this project is \$10,000 with the balance paid by insurance. The price of \$148,201.66 is just slightly above the budget set aside for this project.

**RECOMMENDATION:**

THAT Council receives the C.A.O. Clerk's April 13, 2017 report Triton Engineering Replacement White's Junction Rail Trail Bridge and that the quotation from Reeves Construction Ltd be approved at a total cost of \$148,201.66 plus HST with the Town's \$10,000 share funded from budgeted insurance deductibles.

Bill White C.A.O. Clerk

Attachment:

Triton Engineering report