

SATA Trail Society Request for Quote

Bridge Bracing on the Gaetz Brook Greenway

Introduction

The SATA Trail Society (SATA) manages the 7 km Gaetz Brook Greenway which runs along the abandoned railbed between Head of Chezzetcook and Musquodoboit Harbour. The Greenway includes three original rail bridges. The Greenway was constructed in 2018, at which time the bridges were refurbished. The bridge design work was done by WSP, the construction by Dexters, both under contract to SATA.

In 2023 SATA hired a structural engineer to complete the required 5 year inspection of the three rail bridges. The engineer found and reported that some hand-rail bracing which was included in the 2018 drawings was not implemented and recommended that the missing bracing be constructed and installed. There are four posts to be braced on each bridge for a total of twelve braces.

The work requires fabricating and installing twelve galvanized metal braces (two braces at each of two locations per bridge). One end is attached to the galvanized steel posts on the bridge. The other end is secured to the concrete bridge abutment. See attached drawing 161-07298 Gaetz SSK1 IFT 18-08-10. Bridge no. 1 on the drawing refers to the structure over Chezzetcook River; bridge no. 2 is the Gaetz Brook bridge; bridge no. 3 is the bridge over Rogers Brook. In summary the work scope includes designing the braces based on on-site measurements, fabricating the braces, and then installing the braces on the three bridges.

Statement of Work

The work must be completed as follows:

1. SATA is required by the NS Department of Natural Resources (DNR) to ensure that the work does not interfere with nesting birds. SATA volunteers will inspect the site for nesting birds shortly before the work commences. The supplier must notify SATA 5 days prior to their initial on-site work so that SATA can complete the inspection. Should nesting birds be found, it may be necessary to delay the work.
2. Drawing 161-07298 GAETZ SSK1 IFT 18-08-10 is attached, and describes the missing bracing. The work must be done in accordance with these drawings.
3. The supplier shall:
 - a. Make on-site measurements at each of the brace locations.
 - b. Design and fabricate the braces per the on-site measurements.
 - c. Install the braces.
 - d. Stop working if drilling into the concrete appears to be causing significant structural damage to the abutment.

4. The trail will remain open to users during this work. The contractor should locate equipment and conduct their activity such that users can safely pass the work site. This may mean briefly pausing noisy work while users cross the bridge.
5. The supplier must protect the natural environment from unnecessary disturbance or contamination; and contain gas and oil from leaking or spilling. Construction debris is to be cleaned up daily and disposed of in an environmentally correct and safe manner.

Notes

The figure below shows one end of one of the bridges where two posts must be braced. All six bridge ends needing work are similar.



Figure 1: Example of two posts that require bracing

The map below shows locations of the three bridges. Road access is available near all of the bridges.



Figure 2: Gaetz Brook Greenway Map

1. Work should be completed by the end of September 2025.
2. The selection will be made based on the best value to SATA and may or may not be awarded to the lowest price bid.
3. The supplier must not access the trail via private roads, driveways, or lands unless permission has been given.
4. Treadway: There is clearance for a half ton truck to access.
5. SATA volunteers will open the access gates allowing vehicles and equipment access to the site as required.
6. Crossing any of the five bridges is not permitted by machinery or vehicles over 6 metric tons.
7. The supplier is required to have Workers' Compensation coverage and be in good standing with the WCB and carry all risk general liability insurance in the amount of \$2,000,000 per occurrence including pollution coverage for sudden and accidental release.
8. The supplier and its employees shall not hold SATA liable for any mishaps, injuries, or death in relation to this work contract.
9. Any changes in cost or work scope must be approved in writing in advance by SATA.

Quote Instructions

Please provide a quote to complete the work and deliveries as described above. The quote should include:

- Firm price including all material and installation costs itemized separately, and HST.
- A statement that the bidder will fully comply with work described in this document and with 161-07298 Gaetz SSK1 IFT 18-08-10.
- Should the bidder offer a solution that is not fully in accordance with 161-07298 Gaetz SSK1 IFT 18-08-10, the bidder must describe the proposed changes in detail. The changes must be approved by a professional engineer licensed in Nova Scotia and must include a statement to the effect that the performance of the revised solution is as good as or better than 161-07298 Gaetz SSK1 IFT 18-08-10.
- A brief description of experience with similar projects.
- Recommended maintenance routine (if any), to be undertaken by SATA.
- Expected product life, assuming the maintenance routine is followed.
- A description of the warranty offered.
- Confirmation of WCB standing and two million dollars liability insurance coverage.
- Expected completion date assuming a July 22nd award.

Questions can be directed to info@satatrailssociety.ca. Please provide a quote to info@satatrailssociety.ca by 5pm on 15 July 2025.

On-site meetings can be arranged. To arrange a meeting, please send an email info@satatrailssociety.ca.