

# Request for Proposal

For

**Frink Centre**

**Hi-Lo Boardwalk – Design and Construction**



Requested by Quinte Conservation Authority

RFP Contact:

[jplatt@quinteconservation.ca](mailto:jplatt@quinteconservation.ca)

Closing:

Wednesday, March 27th, 2024 at 3:00 pm

Quinte Conservation

RR#2

2061 Old Highway 2

Belleville, ON

K8N 4Z2

## Introduction

The original Hi-Lo Boardwalk was built in the summer of 1993 to ensure that the Hi-Lo trail was fully usable all year. It spanned the Silver Maple Swamp between 2 drumlins and offered a glimpse into the ever-changing swamp community in addition to an up-close look at the towering silver maples that seem to hold it all together from relatively high water levels during the spring melt to dry ground in the summer.

The swamp is connected to the Moira River and as the water level rises in the river so does the water level in the swamp. This area regularly sees high water and ice jamming.

The original boardwalk fell into disrepair and was removed.

Quinte Conservation (QC) is seeking quotes to design, supply and install a boardwalk across the Silver Maple Swamp at the Frink Conservation Area

Photos of the old boardwalk dam are included in this tender for reference.

## Scope of Work

1. Provide a complete design for the hi-lo boardwalk.
  - a. A general location is provided in **Figure 1. 0**. The exact location is to be determined by the contractor.
  - b. Provide any site inspections or geotechnical required for the complete design.
  - c. The water elevation for the regulatory flood (100-year) is 104.349 CGVD2013. The bottom of the boardwalk should be above that elevation.
  - d. The design should allow for minimal environmental disturbance during installation. Concrete sono-tubes will not be considered.
  - e. Construction drawings (inc. sediment and erosion plan) will be provided to QC. Drawings to be P. Eng. stamped.
  - f. A lump sum construction price based on the design will be presented to QC.
2. If the lump sum price is accepted by QC, proceed to construction. If the costing is vastly different from the preliminary budget, QC reserves the right to terminate the contract without proceeding to construction. QC will retain ownership of the design.
3. Supply and install all elements required for the construction of the Hi-Lo boardwalk.
  - a. Prepare area as required including any required sediment/erosion controls.
  - b. Any trail signage or closures during construction will be the responsibility of QC.
  - c. Any trail upgrades to allow for equipment or materials will be the responsibility of the contractor.
  - d. Provide any required sediment/erosion protection.
  - e. In addition to a safe work site the site will be left in a safe and/or protected state during off work hours as hikers may be present despite trail closures.
  - f. Note that the school board will be operating out of the educational area.

## Site Meeting

A MANDATORY site meeting will be held on the morning of Wednesday, March 13, 2024 @ 9:30am. Please indicate your attendance 24 hours prior to the site meeting to the RFP contact.

## Schedule

The design services are scheduled to be completed in spring 2024. The construction is expected to be completed prior to the year end. It is expected that the construction can be completed during the dry season.

If there are any delivery or schedule issues that puts this date in jeopardy, please raise them on or prior to the tender closing.

The successful consultant will be notified within two weeks of tender closing.

## Proposal Submission Requirements

One (1 copy) of the quotes shall be submitted to Jesse Platt @ [jplatt@quinteconservation.ca](mailto:jplatt@quinteconservation.ca) no later than the above listed closing date and time.

The Request for Proposal should include:

1. The lump sum price for design including an outline of any additional studies (if required)
2. A budget price for the construction.
3. Rough sketches of proposed boardwalk.
4. Any assumptions made.
5. Any limitations on the boardwalk.
6. Estimated lifespan of the boardwalk.

## Selection Criteria

QC will select the successful contractor based on a combination of the design price, construction price, design of boardwalk, boardwalk limitations and lifespan.

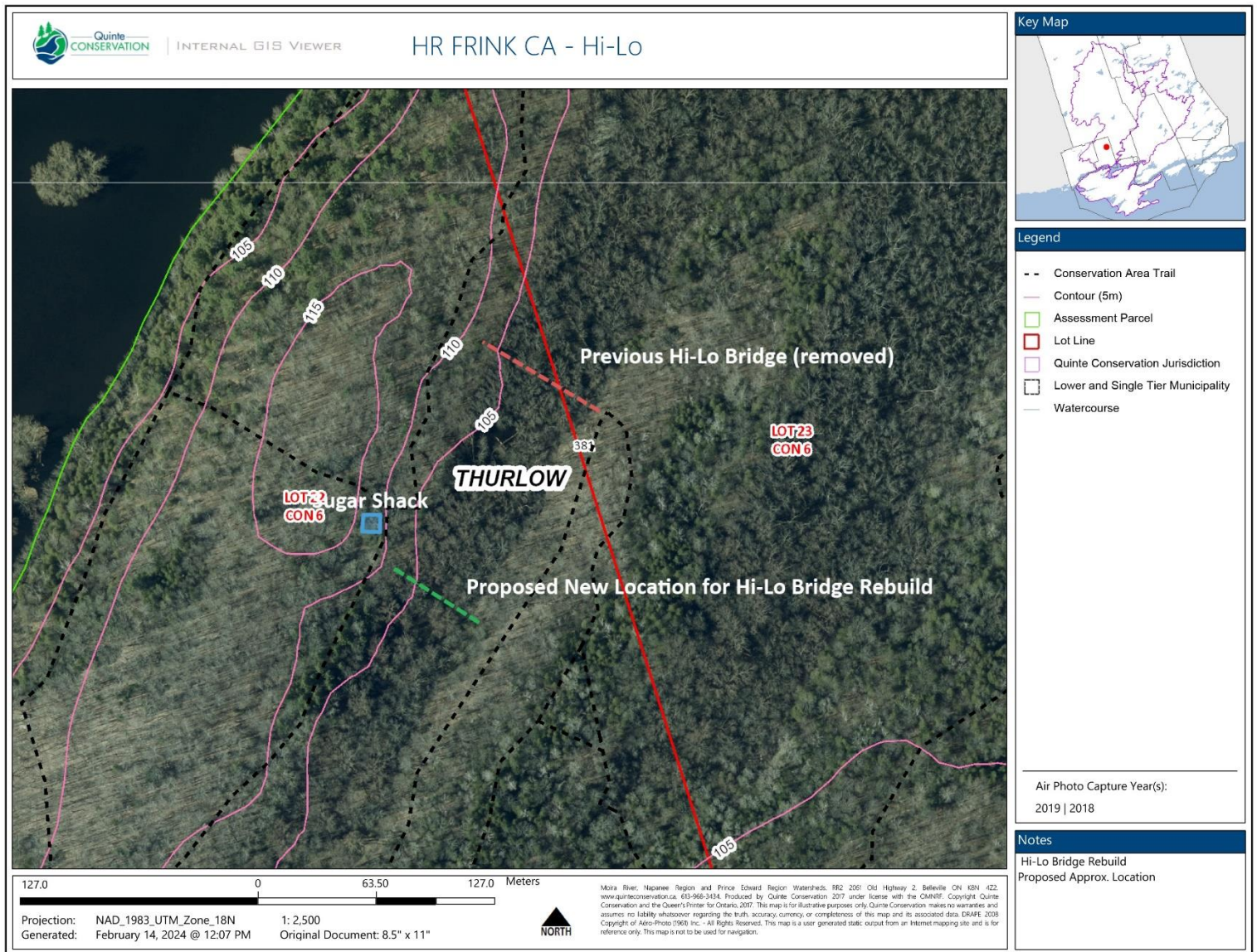




Figure 2.0 – Previous Hi-Lo Boardwalk in Good Condition



Figure 3.0 – Previous Hi-Lo Boardwalk in Poor Condition