

# TOWN OF NORWICH REQUEST FOR BIDS

## OLCOTT ROAD BRIDGE REPAIR PROJECT

Issued: May 8, 2024

### Project Location

Olcott Bridge is located on a Class 4 section of Olcott Road (TH 38). The bridge is located over New Boston Brook in the Town of Norwich, Vermont ( 43°44'26.6"N 72°18'40.1"W ) at the west end of Olcott Road, about 50 feet southeast of the intersection with New Boston Road.

### Project Description (Existing Conditions)

The existing bridge span is approximately 9 feet in length and 12 feet in width (actual dimensions should be verified onsite). The structure's condition is as follows:

Superstructure: The superstructure is comprised of six, 8-inch-deep steel beams (exact size unidentifiable due to heavy corrosion). Three of the steel beams have near-zero effective shear capacity due to complete web loss at the face of the abutment.

Concrete Abutments: Structural elements appear to be sound. The west abutment footing is undermined by scour, resulting in an approximately 1-foot-deep x 1-foot-wide x 5-foot-long scour hole. The east abutment footing is slightly undermined at the toe. Structurally, the existing reinforced concrete abutments are in good to satisfactory condition.

Deck: The timber deck consists of PT 6x6 lumber laid diagonally. A 1-inch road plate currently overlays the deck as a temporary safety measure. The visible portions of the timber deck are in fair condition.

Wingwalls: NW and SW corners: Dry-laid stone construction. SE and NE corners: Graded slopes without wingwalls.

Approach: The gravel approaches are slightly narrower than the bridge deck. No guardrail or bridge rail is present. The bridge does have a wooden handrail and a timber curb.

See attached photos in Attachment 1.

### Project Work to be Completed and Project Specifications

1. Superstructure, Deck and Bridge Railing Replacement. **Preference is for the most cost-effective and least time-consuming repair solution.** (options as follows):
  - Full Timber Superstructure (Laminated Concepts or similar).
  - Replace in kind (Steel Beams / Wood Deck).
  - Precast or Cast-in-place Concrete Slab Structure.

## 2. Repair Scour Undermining of Abutments (Substructure Repair):

As stated, the west abutment footing is undermined by scour, resulting in an approximately 1-foot-deep x 1-foot-wide x 5-foot-long scour hole. The east abutment footing is slightly undermined at the toe. Repairs will require filling the cavities beneath the footings with grout. No new permanent stream encroachments should result from the repairs. Extreme care should be taken to prevent any uncured grout or concrete from entering the stream. A preferred method of repair is putting formwork in front of the footing and drilling through the footing to inject the grout. This method minimizes disturbance to the stream bed, reduces the chance of grout discharge into the river, and ensures negligible encroachment into the stream channel. All repairs have to be approved in advance by the Norwich DPW Director in coordination with the Vermont River Engineer and per the Authorization to Conduct Next Flood Measures Permit # NFM 3757– 2024 (see Attachment 2).

## 3. Approaches

Gravel approaches should be adjusted (if necessary) to meet new bridge deck elevation.

### **Intention Of Terms**

**The Town would like to have the project completed as soon as possible.**

All work will be performed within the existing right-of-way limits, which are approximately 25 feet on each side of the centerline of the Class 4 road. No ROW issues are anticipated for this work.

### **Bidding Notification**

**If you are considering entering a bid for this work, you are required to notify Chris Kaufman at the following email address: [ckaufman@norwich.vt.us](mailto:ckaufman@norwich.vt.us).** The Town will use this notification to contact you or your firm in the event that there is a change to the project, bid addenda, or bid schedule.

### **Site Visit**

Although a site visit is not mandatory, it is highly recommended due to the nature of the work. Please reach out to Chris Kaufman directly to schedule a visit.

### **Questions Due Date**

Questions may be submitted by email to Chris Kaufman at the following address: [ckaufman@norwich.vt.us](mailto:ckaufman@norwich.vt.us). The due date for questions is Wednesday, May 22, 2024, at 3:00 PM.

### **Bid Submission and Due Date**

Bids are due by **Wednesday, May 29, 2024, at 1:00 PM** (prevailing time). Bids shall be submitted in a sealed envelope addressed to the Town Manager, Town of Norwich at PO Box 376, Norwich VT, 05055 or can be hand delivered to the Town of Norwich at 300 Main St, Norwich, VT 05055. The envelope should be plainly marked with the name of the bid. Bid proposals will be date stamped on the outside of the envelope immediately upon receipt by the Town. Any bid may be withdrawn in writing prior to the scheduled time for the opening of the bids. Any bid received after the date and time specified will not be considered and will be returned to the bidder unopened.

Any exceptions to the bid specifications or proposed work as described must be noted by the bidder. A bidder submitting a bid certifies that the bid was made in good faith without fraud, collusion, or connection of any kind with any other bidder for the same work, and that the bidder is competing solely on his/her behalf with connection with or obligation to any undisclosed person or firm.

### **Project Schedule**

The Town intends to open bids on May 29, 2024, at the Town Office; and the Selectboard intends to select a contractor in June 2024.

### **Road Access**

**Although it is expected that the bridge will be closed for the aforementioned repairs, the Town requests that the duration of closure be minimized to the extent possible due to a resident living at the end of the road.**

### **Bid Information**

At a minimum please provide:

- A description of proposed approach to the project.
- **A proposed schedule of the work, including start and completion dates, and the amount of time the bridge will be out of commission.**
- Completed bid tabulation.
- A list with descriptions of similar work performed.
- Two references, with contact information, who are familiar with similar work performed.

### **Bid Opening**

Every bid received prior to the bid submission deadline will be publicly opened and read aloud and recorded by the Town Manager and the respective Department Head.

### **Criteria for Bid Selection**

**In evaluating bids, the Town will consider the following criteria:**

- Price
- Bidders' proposed schedule
- Bidders experience and reputation, including past performance for the Town
- Quality of the materials and services specified in the bid
- Bidder's ability to meet other terms and conditions, including insurance and/or bond requirements
- Bidder's financial responsibility
- Bidder's availability to provide future service, maintenance, and support
- Nature and size of the bidder
- Contract provisions that are acceptable to the Town
- Bidder is not on any debarment list related to goods and services the bidder provides
- Any other factors that the Town determines relevant and appropriate in connection with the project

**A low bid does not guarantee award of the contract.**

### **Penalty for Late Completion**

For every day that actual completion of the project is past the contractor's proposed completion date, excluding rain dates or issues beyond the contractor's control, \$100 may be deducted from the Town's payment.

### **Insurance**

Prior to starting work the selected bidder will be required to provide a Certificate of Liability Insurance with commercial general liability coverage of no less than \$1,000,000 per occurrence and \$2,000,000 per aggregate, naming the Town of Norwich as an additional insured. The Certificate must also include Workers Compensation Insurance.

### **Payment Schedule**

One invoice is to be submitted following the completion of all work and inspection by the Town's Public Works Director.

### **Town Contact**

Questions may be directed to Chris Kaufman at the following address:  
ckaufman@norwich.vt.us.

**The Town reserves the rights to select any bid for any reason, and to reject any or all bids.**

**The Town also reserves the right to award any portion of the work as listed in the Project Description and Bid Form.**

**BID FORM**

**Olcott Road Bridge Repair  
Town of Norwich**

Proposal of \_\_\_\_\_ (hereinafter called Bidder),  
organized and existing under the laws of the State of

\_\_\_\_\_ doing business as

\_\_\_\_\_  
(a corporation, a partnership, of an individual)

To the Town of Norwich, Vermont (hereinafter called Owner)

The Bidder represents that this bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation. The bidder has not directly or indirectly induced or solicited any other bidder to submit a false bid. Bidder has not solicited or induced any person, firm, or corporation to refrain from bidding and the bidder has not sought by collusion to obtain for himself any advantage over any other bidder or Owner.

The undersigned bidder proposed and agreed, if this bid is accepted, to enter into an agreement with Owner to furnish all materials and to complete all work as specified or indicated in the Contract Documents for the contract price and within the contract time indicated in this bid and in accordance with the Contract Documents.

Bidder hereby agrees to commence Work under this contract on the date of issuance of the Notice to Proceed and that the Final Completion date for this contract is \_\_\_\_\_.

Bidder acknowledges receipt of the following Addenda:

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The Bidder agrees to perform all the Work described in the Contract Documents for the following schedule of prices. Material, labor, or construction operations not otherwise specified, are to be included in the bid item most appropriate to the work involved and otherwise considered incidental to the Contract. Unqualified bids will not be accepted.

ITEM #	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Olcott Bridge Repair	LS	1	\$ _____	\$ _____

Unit Price in Words \_\_\_\_\_

2	Mobilization/Demobilization (Including Access & Staging)	LS	1	\$ _____	\$ _____
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Unit Price in Words \_\_\_\_\_

**Total Bid (Total of above)**

\$ \_\_\_\_\_

The lowest responsive and responsible bidder will be determined by the Total Base Bid.

The above unit prices shall include all labor, materials, removal, overhead, profit, insurance, etc. to cover the finished work of the several kinds called for on the drawings and specifications.

THE ABOVE PROPOSAL IS HEREBY RESPECTFULLY SUBMITTED BY:

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Contractor

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By

---

Title

---

Business Address

---

City

State

---

Phone Number

---

Email Address

---

Date

ATTEST \_\_\_\_\_(Signature)

# **ATTACHMENT 1**



**Top of Bridge, looking Northwest**



**Holes in Two Steel Beams at the Northwest Abutment**



**Extreme Corrosion and Hole in Steel Beams at the Southeast Abutment**



## **ATTACHMENT 2**

**AUTHORIZATION TO CONDUCT NEXT FLOOD MEASURES**

Pursuant to Section F of the Vermont Stream Alteration General Permit

Project Number: **NFM - 3757 – 2024**Applicant Name: Town of Norwich Phone: (802) 649-2209 Email: ckaufman@norwich.vt.usMailing Address: 26 New Boston Rd, Norwich, VT 05055 Lat/Lon: 43.740723, -72.311139Project Location: Olcott Rd River: New Boston Brook

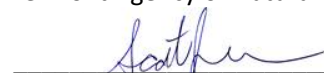
The Secretary of the Vermont Agency of Natural Resources (VT ANR) has determined that:

1. This project authorizes Scour repair of existing bridge footings. This is a public safety issue.
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit – Next Flood Measures.
3. The proposed activity will meet the terms and conditions of Section F of the General Permit provided:
  - The project will be completed by using grout to fill the voids beneath the footings. No new permanent stream encroachments should result from the repairs. Extreme care needs to be taken to prevent any uncured grout or concrete from entering the stream.
  - The project is proportional to the threat and conditioned to cease when the threat to life or to improved property has ended.
  - The project will not result in a threat to life, public health or safety.
  - The project will meet the standards detailed in subsection E.2.1 and E.2.2 of the General Permit.
  - The project will meet Stream Alteration Standards to the greatest extent possible.
  - **An on-site preconstruction meeting is conducted with the contractor and RME prior to the start of instream work.**
  - **The contractor will submit a written stream flow control and/or dewatering plan for review and approval by the RME.**
  - The River Management Engineer is notified by phone or email when the project is started and completed (802) 490-6962, [scott.jensen@vermont.gov](mailto:scott.jensen@vermont.gov).
  - A final construction inspection is required for any culvert and bridge related work.
  - Additional conditions:

If there are any changes in the project plan or significant deviation in construction from the discussed plan, the Permittee must notify the River Management Engineer immediately.

If the project is constructed as you have described, as shown on the above referenced approved plans and according to the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

Julia S. Moore, Secretary  
Vermont Agency of Natural Resources

Permit Expires: December 31, 2025Dated: May 6, 2024

Scott Jensen, P.E., River Management Engineer