

REQUEST FOR PROPOSALS

Cabot Bridge Replacement Project

Engineering Design, Permitting, and Construction Bid Services

Extensive damage occurred to Cabot Village from the July 2023 floods on two tributaries of the Winooski River, referred to as the North and South tributaries. In 2024 and 2025, an alternatives analysis of flood mitigation options was completed using a hydraulic model assembled by SLR Consulting. The Town selected two flood mitigation alternatives to reduce local flood levels and debris clogging – replacing the North Tributary bridge with a larger elevated structure and replacing the twin culvert on the South Tributary with a bridge across Main Street. Conceptual engineering design and cost estimates were completed for these using a FEMA grant.

The Town of Cabot has received a Community Development Block Grant – Disaster Recovery to implement the replacement of the North Tributary bridge in the Village. The project includes elevating several private driveways to provide access to the elevated bridge. A flood bench is proposed upstream of the bridge to catch debris and facilitate cleaning out the bridge during future flooding. Riparian buffer plantings along the North Tributary and mainstem of the Winooski River will take place in the future by others. The revegetation project component is not included in this work scope. A pedestrian walkway on the bridge will be added and is not shown on the conceptual plans.

The Town of Cabot is seeking engineering services for preliminary and final engineering design of the project; identification and acquisition of necessary federal, state, and local permits; and construction bid services. At this time, it is anticipated that the project will be constructed in summer of 2027.

Conceptual engineering design plans and cost estimates and the flood mitigation alternatives report can be accessed on the Town of Cabot website at: <https://cabotvt.us/flood-resiliency-taskforce>

SCOPE OF SERVICES REQUESTED

1. **Preliminary design** of the project that will increase flood capacity and resiliency and simulate the natural channel geometry found in this setting. Prepare an engineer's opinion of probable costs based on preliminary design. Conduct a detour analysis to consider temporary road closure and detour, continued one-lane passage, or a temporary bypass bridge during construction. Attend up to three meetings as necessary with a project team to reach concurrence on preliminary design and cost. Attend one public meeting to seek input on the preliminary design.
2. **Final Design** will include plan view, cross sections, river profile, construction access, traffic management as approved by the Town, construction sequence, water control, sediment and erosion control, structure details, and construction notes. The engineer's opinion of probable cost will be updated.
3. Prepare a **bid announcement and a bid sheet** to advertise the project. Final design and cost opinion will be reviewed by the project team prior to final approval prior to the plans being stamped and sealed by a professional engineer. Obtain approval from the Town on a final temporary crossing design and prepare a list of easements required.
4. **Permitting** will include preparation and submission of necessary federal, state and local permits. Attend one regulator site visit, two virtual meetings, and one local hearing. Gather feedback from regulators and make up to two plan edits to prepare the construction plans.
5. **Timeline** for completion of the tasks. The Town is attempting to complete this project in a timeframe that would allow construction to take place in 2027.

Proposals are due June 4, at 4:00 pm. The complete Request for Proposal document can be found at:
<https://cabotvt.us/flood-resiliency-task-force/>