



The University of Vermont

April 3, 2024

Britta Tonn
40 IDX Drive
Building 100, Suite 200
South Burlington VT 05403-7771

RE: Archaeological Resources Assessment for the Section of the Proposed Pedestrian Path Adjacent to the Cemetery on Bridge Street, Richmond, Chittenden County, Vermont

Dear Britta,

Enclosed, please find a scope-of-work and upper limit budget estimate for an Archeological Resources Assessment for the Cemetery-adjacent portion of the Bridge Street Pedestrian Path project in Richmond, Chittenden County, Vermont.

This work will be done to identify the potential for cemetery interments within the proposed pedestrian path project area. If the assessment indicates there is the potential for graves within the project area, provision for archeological monitoring during construction also is included. Tie for monitoring will not be necessary if the documentary research and field inspection can confirm that no grave shafts are likely within the project area.

We anticipate being able to conduct this work soon after receiving authorization from you. In your authorization letter (email) please mention that the end date for the project will be one year from the authorization date. This start and end date are for the contract set up only and will not affect the timely completion of the project.

Thank you for your interest in working with us on this project. Please feel free to contact me if you need additional information.

Sincerely,

John G. Crock, Ph.D.
Associate Professor of Anthropology
Director, UVM Consulting Archaeology Program.

Scope of Work
Archaeological Resources Assessment for the Section of the Proposed
Pedestrian Path Adjacent to the Cemetery on Bridge Street, Richmond,
Chittenden County, Vermont

Submitted to:

Britta Tonn
40 IDX Drive
Building 100, Suite 200
South Burlington VT 05403-7771

Submitted by:

Consulting Archaeology Program
University of Vermont
111 Delehanty Hall
180 Colchester Ave
Burlington, VT 05405

April 3, 2024

Archaeological Resources Assessment for the Section of the Proposed Pedestrian Path Adjacent to the Cemetery on Bridge Street, Richmond, Chittenden County, Vermont

Goal and Scope of Service

The goal of this Archaeological Resources Assessment (ARA) is to provide sufficient information to gauge: 1) the general archaeological sensitivity of the cemetery-adjacent section of the project's Area of Potential Effects (APE), and 2) whether further archaeological studies will be required as the project proceeds. This study will be performed to satisfy permit requirements and regulatory compliance with State and Federal regulations, including Section 106 of the National Preservation Act, as amended. The project is located along the eastern side of Bridge Street and includes construction of a pedestrian path (Figure 1). An archaeological resources assessment was conducted previously, but did not address the potential for the project to impact archaeological deposits (human burials) associated with the historic cemetery.

To assess potential historic archaeological resources nineteenth- and twentieth-century maps (including any available maps of the cemetery itself) and aerial imagery will be examined and compared to identify any changes in the extent of the historic cemetery. Historic newspaper mentions of the cemetery and historic photographic records of construction activities along Bridge Street also will be investigated, to determine whether or not the cemetery may have extended farther west at one time and into the present project's APE.

A field inspection of the project APE also will be undertaken to investigate subsurface stratigraphy in the project area. Specifically, any soil anomalies that might represent grave shafts will be recorded using a hand-held tube core tool. If the historic background research and field inspection are inconclusive, that is, if the potential for grave shafts in the project area cannot be excluded, then archaeological monitoring will be conducted at the time of construction.

Results from both the records search and review and field inspection will be presented in the ARA report. The ARA and related documentation will be submitted by the UVM CAP to the sponsor and as part of the project review process related to cultural resources. If the report concludes that the study area is not archaeologically sensitive, it will provide sufficient backup documentation for the completion of permit applications. If archaeological monitoring is necessary, it will be conducted prior to project construction in this section of the pedestrian path. The project construction contractor will mechanically remove topsoil in the APE adjacent to the cemetery using a straight edge, "clean-up" bucket to facilitate archaeological inspection. If grave shafts are identified in the project APE, their investigation, if necessary, will be undertaken under a separate proposal following discussion with project partners.



Figure 1. Map showing proposed sidewalk and area of concern just west of the cemetery along Bridge Street in Richmond, Vermont.

Staffing

UVM CAP Director, Dr. John Crock will act as the principal investigator for the project. He, and/or other qualified CAP staff will have responsibility for assessing the historic archaeological potential of the cemetery-adjacent section of the project area and for conducting the field inspection. Crock and/or other staff will undertake the review of historic maps and site files. Crock and/or other qualified CAP staff will prepare the ARA and related documentation.

Time Estimates

A variety of tasks will need to be accomplished to provide sufficient information during the ARA to gauge the general archaeological sensitivity of the project area. A budget estimate to cover associated staffing, travel, and other expenses is attached. It is anticipated that the ARA will be completed after the work is authorized. Provision for archaeological monitoring is included in the budget but that time will only be used if necessary. Final billing for this project may take up to one year. The proposed ARA is based on project plans as currently known. If the proposed project plans change and additional areas are to be disturbed by project elements, then additional field visits and write-up time may be required. Any additional time resulting from proposed project plan changes may require a supplemental budget. We currently estimate that this ARA can be accomplished soon after receiving authorization.

Richmond Bridge Street Path Cemetery Archaeological Assessment

Budget Worksheet

	<u>Number</u>	<u>Days</u>	<u>Rate</u>	<u>Cost</u>
<i>Project Administration</i>				
Principal Investigator	1	0.1	415.00	42.00
<i>Background Research/Project Planning</i>				
Research Field Technician	1	2	220.00	440.00
<i>Field Work</i>				
Principal Investigator	1	0	415.00	0.00
Research Field Technician	1	1.25	220.00	275.00
<i>Report Writing, Production</i>				
Principal Investigator	1	0.5	415.00	208.00
Research Field Technician	1	1	220.00	220.00
Subtotal				1,185.00
Fringe				
Permanent (43.8%)				519.00
Non-Salaried Expenses				
Mileage @ .655/mile			<u>miles</u> 30.00	20.00
Report production and distribution				25.00
Total				1,749.00
CAP Operating (101%)*				1,766.00
<i>*CAP Operating recovers program, 49% plus College, 52%, non-billable expenses</i>				
Project Total				3,515.00