

**Archaeological Phase I Survey of the Proposed
East Middlebury Village Flood Resiliency Project
Middlebury, Addison County, Vermont**

Revised Cost Proposal and Work Plan

Northeast Archaeology Research Center

July 17, 2018

Revised October 1, 2018

The Northeast Archaeology Research Center, Inc. (NE ARC) proposes to conduct an archaeological phase I survey of the proposed East Middlebury Flood Resiliency Project in East Middlebury. Given a history of flooding and related damage in the village, a preferred flood mitigation alternative has been prepared for an approximately 1.6-mile section of the East Middlebury River (see accompanying Figures 1-6), and the Town of Middlebury has received a Federal Emergency Management Agency (FEMA) grant for the project. The phase I survey is designed to identify archaeological sites of potential significance or to determine that such sites are unlikely to be present. Significant archaeological sites are those that meet eligible criteria for the National Register of Historic Places.

An archaeological resource assessment (ARA) was prepared for the project by the NE ARC (Hudgell and Bartone 2017) and determined that portions of the project are archaeologically sensitive for the presence of Native American and/or historic Euroamerican sites: these areas were designated archaeologically sensitive areas (ASAs). In addition, areas located along the banks of the East Middlebury River are generally sensitive for the presence of Native American sites, although no ASAs were formally defined for areas outside of the project.

Final project plans have been expanded from those initially proposed. Planned project activities now include activities within defined archaeologically sensitive areas as well as activities within the active river channel and some additional vehicular access across riverbank landforms. The active river channel is not assumed to be archaeologically sensitive, however riverbank landforms within both defined ASAs and outside of the defined ASAs are assumed to possess archaeological sensitivity (Hudgell and Bartone 2017). In sum, archaeological phase I survey is recommended for areas of proposed project effects within previously defined ASAs and on riverbank landforms, as shown in Figures 2-6.

It should be noted that although located on the riverbanks, berm armoring activities are to occur from archaeologically non-sensitive landforms, where possible, including utilizing the artificial Ossie Road berm or scoured river channel for access and equipment placement. Armoring itself is to occur in eroded/scoured areas which possess low archaeological sensitivity. Archaeological phase I survey is proposed for berm armoring only where the activity cannot avoid sensitive landforms (i.e., ASA 1a; see Figure 3). Likewise, existing concrete or gravel driveways are assumed to be areas of diminished archaeological sensitivity and therefore access roads crossing concrete or gravel driveways will not require archaeological phase I survey.

The phase I survey is required as part of the Section 106 review process and will meet requirements mandated under guidelines determined by the Vermont Division for Historic Preservation (VDHP). NE ARC Directors Robert N. Bartone, M.A., and Gemma Hudgell, Ph.D. will serve as co-Principal Investigators.

NE ARC can conduct all tasks associated with the phase I survey for a not-to-exceed cost of \$6,781.00 to include the following:

- Excavation of standard sized 0.5 m x 0.5 m test pits placed within areas of project effect in areas of defined archaeological sensitivity, including within specific ASAs and areas of general sensitivity. A total of up to 40 test pits will be sufficient to obtain coverage of all areas of project effect requiring phase I survey.
- All required laboratory work and report preparation work, detailing the results of the phase I survey and including recommendations. An interim end-of-field letter report will be prepared summarizing the results of the survey and including management recommendations. All VDHP reporting requirements will be strictly adhered to.

NE ARC can schedule the work once authorization to proceed is received from the Town of Middlebury. The fieldwork can occur this fall, 2018. The interim end-of-field letter report will be submitted within three weeks of completion of field work. The final report will be completed within four months of submittal of the end-of-field letter report.

References Cited

Hudgell, Gemma-Jayne and Robert N. Bartone

2017 *Archaeological Resource Assessment of the East Middlebury Village Flood Resiliency project, Middlebury, Addison County, Vermont*. Prepared for the Town of Middlebury. Northeast Archaeology Research Center, Farmington, Maine.

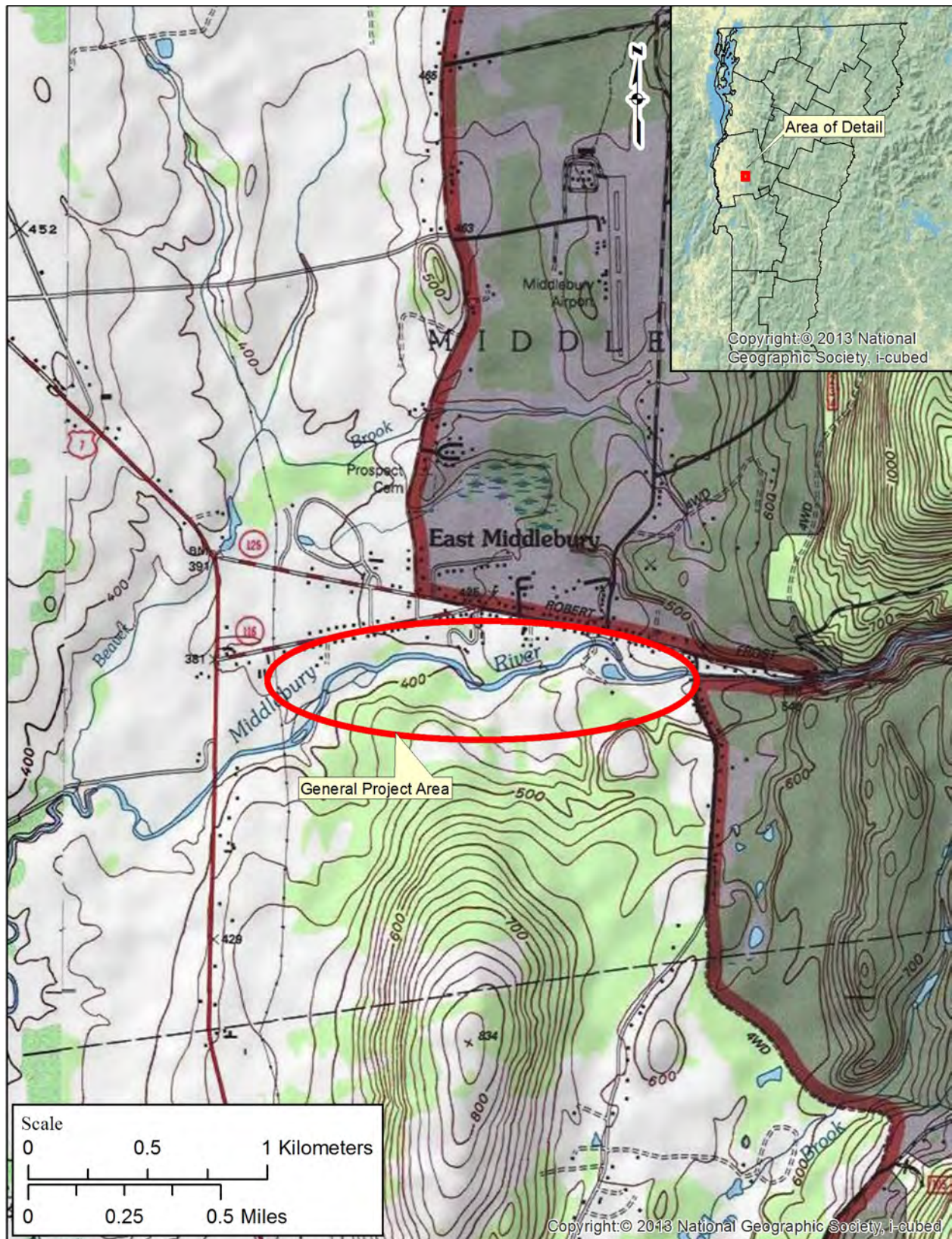


Figure 1. Topographic map showing the general location of the proposed East Middlebury Flood Resiliency Project in East Middlebury, Addison County, Vermont.

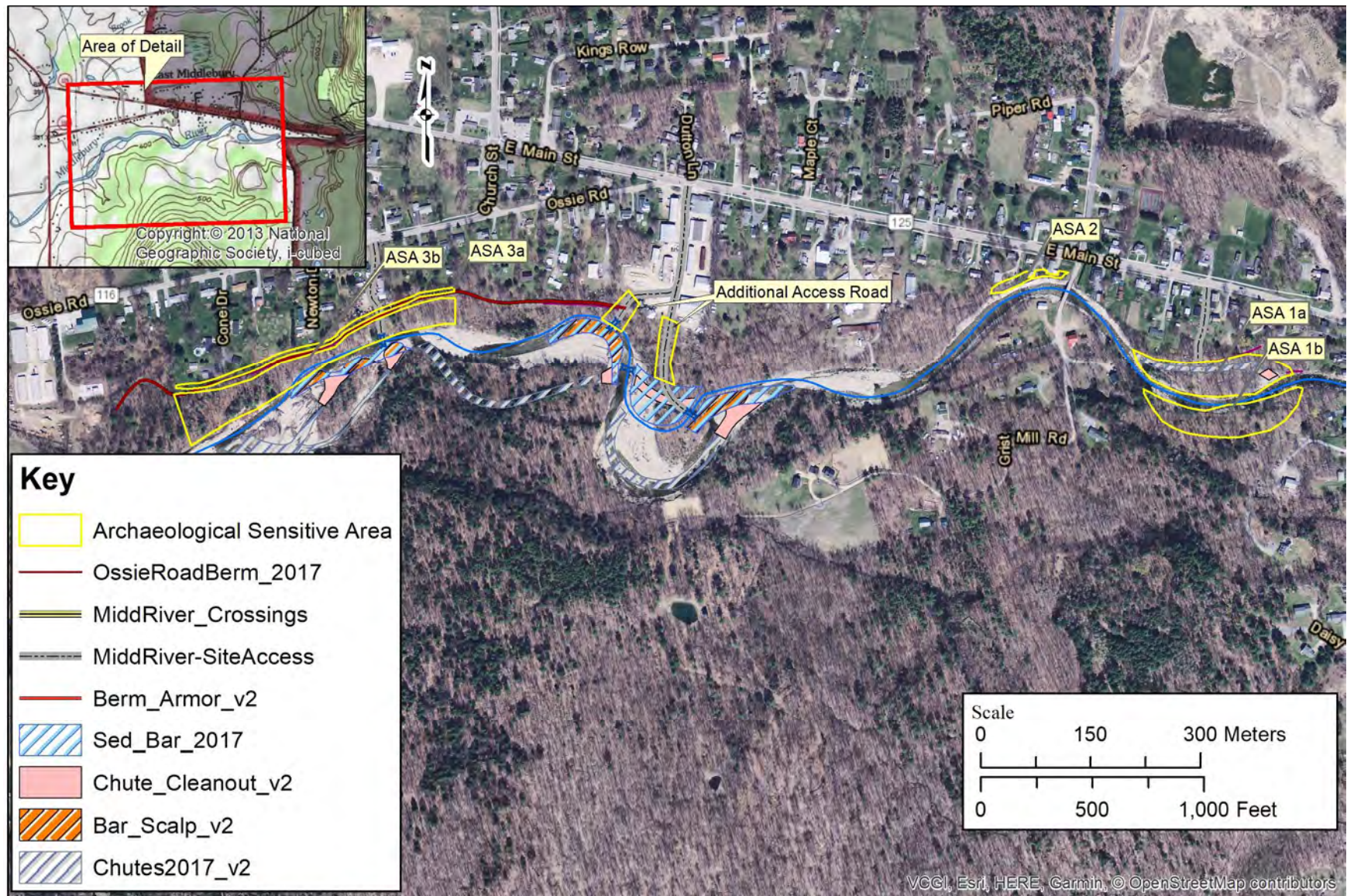


Figure 2. Aerial photograph and project plans showing the proposed East Middlebury Flood Resiliency Project in East Middlebury, Addison County, Vermont. Note the location of defined archaeologically sensitive areas (ASAs) and the additional temporary access crossing an area of general archaeological sensitivity.

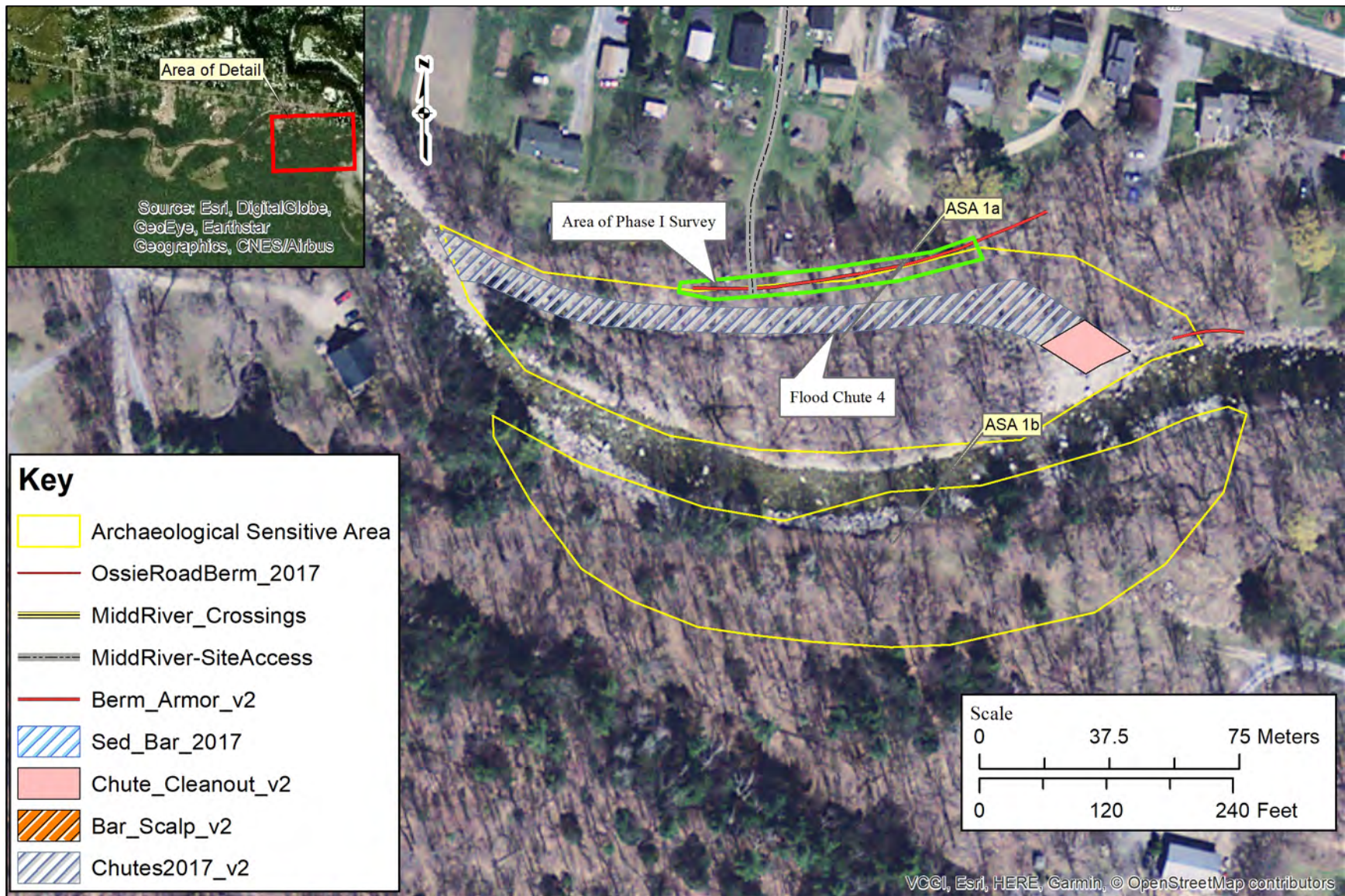


Figure 3. Aerial photograph and project plans showing area of proposed archaeological phase I survey within ASA 1a of the proposed East Middlebury Flood Resiliency Project in East Middlebury, Addison County, Vermont.



Figure 4. Aerial photograph and project plans showing area of proposed archaeological phase I survey within ASA 2 of the proposed East Middlebury Flood Resiliency Project in East Middlebury, Addison County, Vermont.

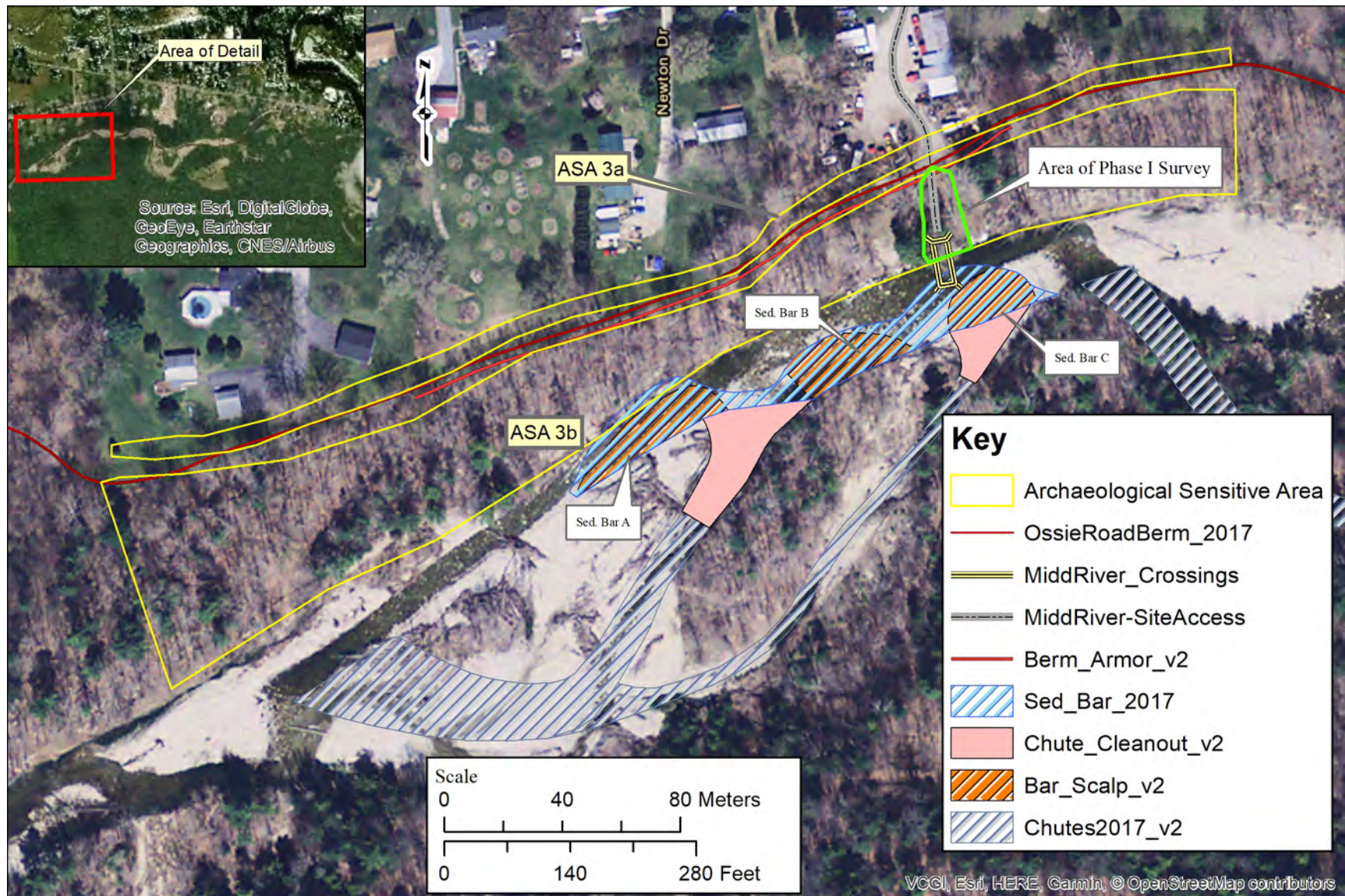


Figure 5. Aerial photograph and project plans showing area of proposed archaeological phase I survey within ASA 3b of the proposed East Middlebury Flood Resiliency Project in East Middlebury, Addison County, Vermont.

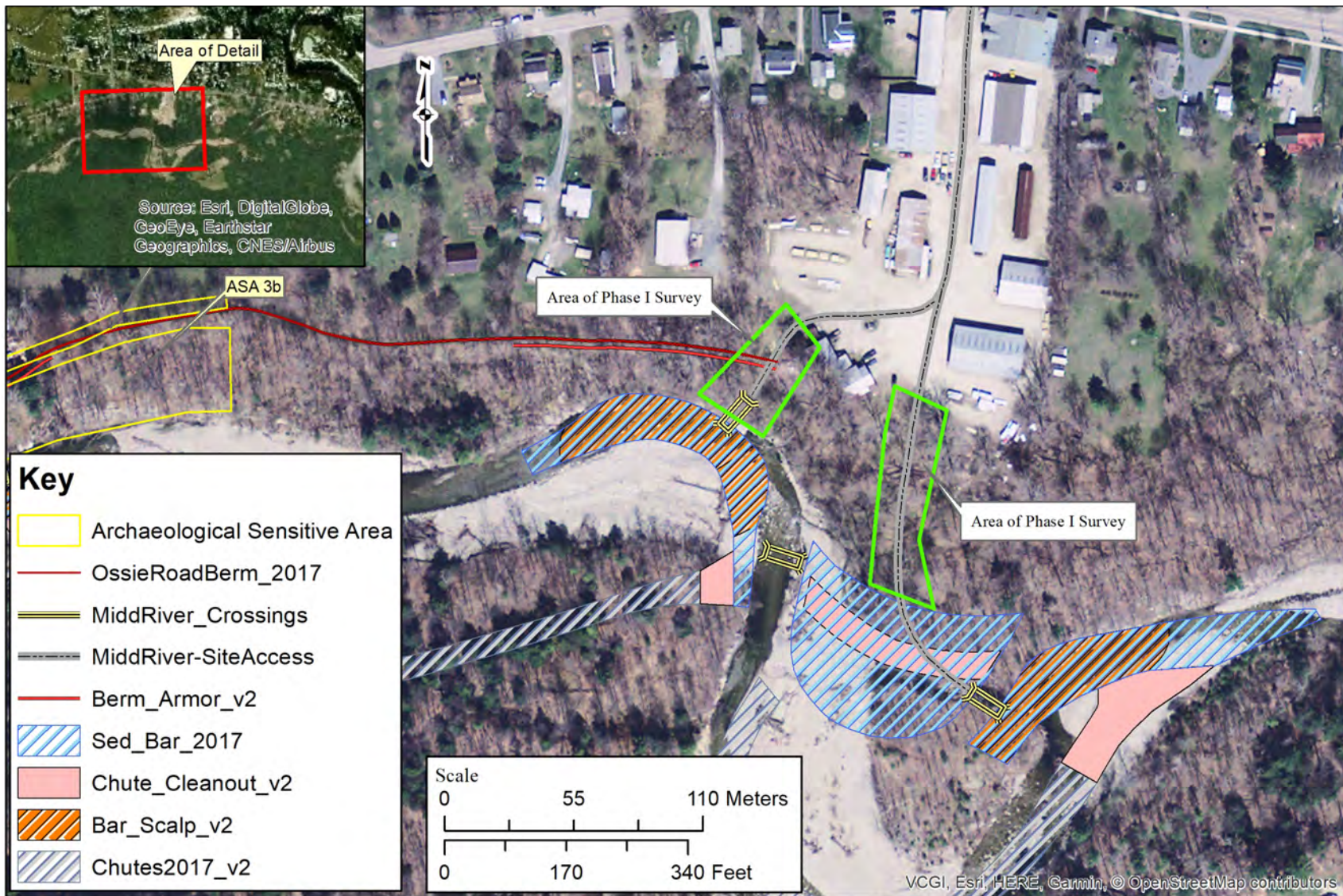


Figure 6. Aerial photograph and project plans showing area of proposed archaeological phase I survey within an area proposed for temporary access for the proposed East Middlebury Flood Resiliency Project in East Middlebury, Addison County, Vermont. Although not a defined archaeologically sensitive area (ASA), this portion of the riverbank is generally sensitive for the presence of Native American sites.