

13-08-0017

**NO ARCHAEOLOGICAL SURVEY REQUIRED FORM**

This form only pertains to ARCHAEOLOGICAL RESOURCES for this project. It is not valid for Historic Architecture and Landscapes. You must consult separately with the Historic Architecture and Landscapes Group.

**PROJECT INFORMATION**

Project No: **Structure 110015** County: **Burke**
LIBR Data Sheet or Minimum
 WBS No: **17BP.13.R.121** Document: **Criteria Checklist**
 F.A. No: **N/A** Funding: ☒ State ☐ Federal
 Federal Permit Required? ☒ Yes ☐ No Permit Type: **NWP 3, NWP 14, & TVA**

Project Description: The NCDOT proposes to replace Bridge No. 15 on SR 1793 (Nobby Lail Road) over Cub Creek in Burke County. Bridge No. 15 was built in 1961, and is considered to be functionally obsolete. The bridge is in poor condition and has been selected to be replaced under the State Funded Bridge Replacement Program-Design-Build Year 3 Express Design-Build. There may be minor ditch-line impacts. An off-site detour is to be used during construction. The Area of Potential Effects (APE) will measure approximately 75 feet to either side of the centerline of the roadway/bridge and 300 feet from either end of the bridge. Based on these measurements, the APE measures approximately 91.476 square feet or about 2.1 acres, inclusive of the existing roadway and structure.

SUMMARY OF CULTURAL RESOURCES REVIEW***Brief description of review activities, results of review, and conclusions:***

A map review and site file search was conducted at the Office of State Archaeology (OSA) on Monday, August 19, 2013. An archaeological survey at this particular bridge location has never been conducted, and no archaeological sites have been recorded within one-half (1/2) mile of the proposed project. Digital copies of HPO's maps (Valdese Quadrangle) as well as the HPOWEB GIS Service (<http://gis.ncdcr.gov/hpoweb/>) were last reviewed on Monday, August 19, 2013. There are no known historic architectural resources located within the project area that may have intact archaeological deposits within the footprint of the proposed project. In addition, topographic maps, historic maps (NCMaps website), USDA soil survey maps, and aerial photographs were utilized and inspected to gauge environmental factors that may have contributed to historic or prehistoric settlement within the project limits, and to assess the level of modern, slope, agricultural, hydrological, and other erosive-type disturbances within and surrounding the archaeological APE.

Brief Explanation of why the available information provides a reliable basis for reasonably predicting that there are no unidentified historic properties in the APE:

This is a State-funded project that will require a Federal permit and permanent and temporary easements. Existing ROW appears to measure approximately 60 feet. Therefore, there may be impacts up to 45 feet beyond the existing ROW along the project corridor. From an environmental perspective, the APE consists of the rolling and steeply sloped terrain of the North Carolina foothills, and is composed primarily of Woolwine-Fairview complex soils, 8-15% slopes, moderately eroded (WoC2) and Meadowfield-Rhodhiss complex soils, 25-60% slopes, very stony (MoE). Based on current soil

conditions and topography, the presence of intact archaeological materials within the APE is not anticipated. The eroded nature of the landscape north and east of Bridge No. 15 and the steeply sloped terrain south and west of the bridge would not be conducive to containing intact archaeological materials. The Office of State Archaeology (OSA) has not reviewed any projects within the vicinity of Bridge No. 15 for their potential to impact archaeological resources. Overall, the project corridor is unlikely to contain significant cultural, archaeological, or historical resources. Based on the information above, there should be no archaeological survey required for this project. If design plans change, then additional consultation regarding archaeology will be required. At this time, no further archaeological work is recommended. If archaeological materials are uncovered during project activities, then such resources will be dealt with according to the procedures set forth for "unanticipated discoveries," to include notification of NCDOT's Archaeology Group.

SUPPORT DOCUMENTATION

See attached: ☒ Map(s) ☒ Previous Survey Info ☐ Photos ☐ Correspondence
☐ Photocopy of County Survey Notes Other:

FINDING BY NCDOT ARCHAEOLOGIST

NO ARCHAEOLOGY SURVEY REQUIRED

Paul J Mohler

August 19, 2013

NCDOT ARCHAEOLOGIST II

Date

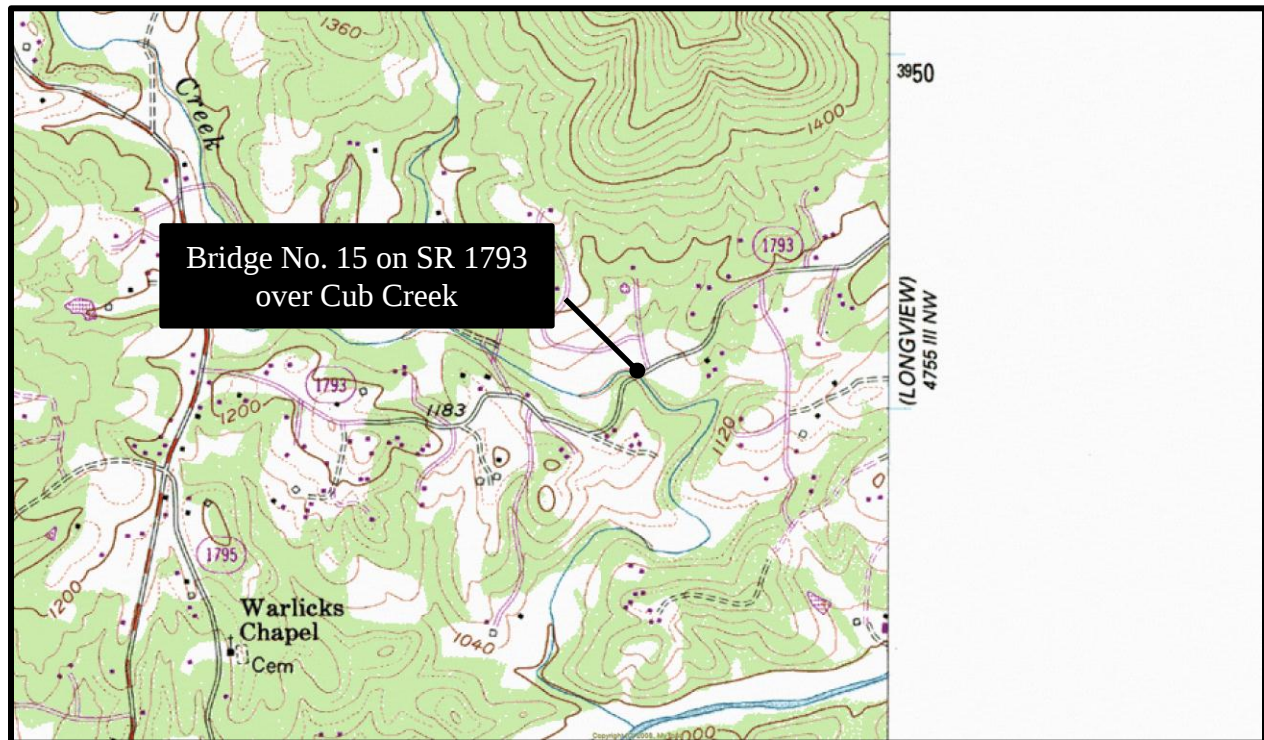


Figure 1: Valdese, NC (USGS 1993).

