

Type I and II Ground Disturbing Categorical Exclusion Action Classification Form

STIP Project No.	<u>B-6007</u>
WBS Element	<u>48202.1.1</u>
Federal Project No.	<u>BRZ-2269(002)</u>

A. Project Description: (Include project scope and location, including Municipality and County. Refer to the attached project location map and photos.)

This project will replace structure number 770108 on SR 2269 (Bloomingdale Road) over Indian Swamp in Robeson County. The bridge will be replaced on existing alignment while using an off-site detour approved by the Division.

B. Description of Need and Purpose:

Bridge inspections have been performed on the bridge and it has been determined that it is functionally obsolete. This bridge was built in 1967.

C. Categorical Exclusion Action Classification:

TYPE I A

D. Proposed Improvements

28. Bridge rehabilitation, reconstruction, or replacement or the construction of grade separation to replace existing at-grade railroad crossings, if the actions meet the constraints in 23 CFR 771.117(e)(1-6).

E. Special Project Information: (Provide a description of relevant project information, which may include: vicinity map, costs, alternative analysis (if any), traffic control and staging, and resource agency/public involvement).

This project is an Express Design Build Bridge Replacement that is included in a set of 4 bridges that will be let.

The detour has been set and approved by Division.

F. Project Impact Criteria Checklists:

<u>Type I & II - Ground Disturbing Actions</u>			
<u>FHWA APPROVAL ACTIVITIES THRESHOLD CRITERIA</u>			
If any of questions 1-7 are marked "yes" then the CE will require FHWA approval.		Yes	No
1	Does the project require formal consultation with U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Does the project result in impacts subject to the conditions of the Bald and Golden Eagle Protection Act (BGPA)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Does the project generate substantial controversy or public opposition, for any reason, following appropriate public involvement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Does the project cause disproportionately high and adverse impacts relative to low-income and/or minority populations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	Does the project involve a residential or commercial displacement, or a substantial amount of right of way acquisition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Does the project require an Individual Section 4(f) approval?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	Does the project include adverse effects that cannot be resolved with a Memorandum of Agreement (MOA) under Section 106 of the National Historic Preservation Act (NHPA) or have an adverse effect on a National Historic Landmark (NHL)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If any of questions 8 through 31 are marked "yes" then additional information will be required for those questions in Section G.			
<u>Other Considerations</u>		Yes	No
8	Does the project result in a finding of "may affect not likely to adversely affect" for listed species, or designated critical habitat under Section 7 of the Endangered Species Act (ESA)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	Is the project located in anadromous fish spawning waters?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	Does the project impact waters classified as Outstanding Resource Water (ORW), High Quality Water (HQW), Water Supply Watershed Critical Areas, 303(d) listed impaired water bodies, buffer rules, or Submerged Aquatic Vegetation (SAV)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11	Does the project impact waters of the United States in any of the designated mountain trout streams?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12	Does the project require a U.S. Army Corps of Engineers (USACE) Individual Section 404 Permit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13	Will the project require an easement from a Federal Energy Regulatory Commission (FERC) licensed facility?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14	Does the project include a Section 106 of the NHPA effects determination other than a no effect, including archaeological remains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<u>Other Considerations (continued)</u>		Yes	No
15	Does the project involve hazardous materials and/or landfills?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
16	Does the project require work encroaching and adversely affecting a regulatory floodway or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to Executive Order 11988 and 23 CFR 650 subpart A?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17	Is the project in a Coastal Area Management Act (CAMA) county and substantially affects the coastal zone and/or any Area of Environmental Concern (AEC)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
18	Does the project require a U.S. Coast Guard (USCG) permit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19	Does the project involve construction activities in, across, or adjacent to a designated Wild and Scenic River present within the project area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
20	Does the project involve Coastal Barrier Resources Act (CBRA) resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
21	Does the project impact federal lands (e.g. U.S. Forest Service (USFS), USFWS, etc.) or Tribal Lands?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
22	Does the project involve any changes in access control?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23	Does the project have a permanent adverse effect on local traffic patterns or community cohesiveness?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
24	Will maintenance of traffic cause substantial disruption?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
25	Is the project inconsistent with the STIP or the Metropolitan Planning Organization's (MPO's) Transportation Improvement Program (TIP) (where applicable)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
26	Does the project require the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act, the Federal Aid in Fish Restoration Act, the Federal Aid in Wildlife Restoration Act, Tennessee Valley Authority (TVA), or other unique areas or special lands that were acquired in fee or easement with public-use money and have deed restrictions or covenants on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
27	Does the project involve Federal Emergency Management Agency (FEMA) buyout properties under the Hazard Mitigation Grant Program (HMGP)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
28	Does the project include a <i>de minimis</i> or programmatic Section 4(f)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
29	Is the project considered a Type I under the NCDOT's Noise Policy?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
30	Is there prime or important farmland soil impacted by this project as defined by the Farmland Protection Policy Act (FPPA)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
31	Are there other issues that arose during the project development process that affected the project decision?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

G. Additional Documentation as Required from Section F

Question 8 - Endangered Species: On May 4, 2015, the USFWS adopted a Programmatic Opinion for the Northern Long-eared bat for all projects and activities in the NCDOT Division 1-8 and the Biological Conclusion for the NCDOT program is "May Affect, Likely to Adversely Affect." The Biological Opinion provides an incidental take statement for all NCDOT projects in eastern North Carolina for the next five years. An incidental take is when a non-federal activity will result in the loss or "take" of a threatened or endangered animal. As a condition of the

incidental take statement, NCDOT has agreed to conservation measures to minimize adverse effect, and benefit or promote the recovery of the species.

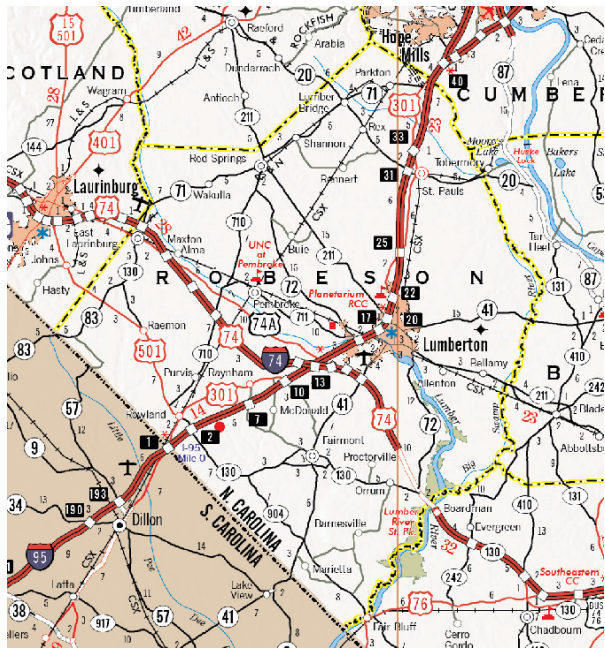
It was determined that habitat for wood stork was present within the project study area, resulting in a finding of "May Affect, Not Likely to Adversely Affect" for this species. No nests or individuals were observed during the survey conducted on June 13, 2018. NCDOT received concurrence from the U.S. Fish and Wildlife Service on June 18, 2018 regarding this conclusion.

H. Project Commitments

**Bladen County
Division 6
Federal Project No. BRZ-2269(002)
WBS No. 48202.1.1
TIP No. B-6007**

Division 6 Construction, Resident Engineer's Office This project involves construction activities on or adjacent to a FEMA-regulated stream. Therefore, the Division shall submit sealed as-built construction plans to the Hydraulics Unit upon completion of the project construction, certifying that the drainage structure and roadway embankment that are located within the 100-year floodplain were built as shown in the construction plans, both horizontally and vertically.

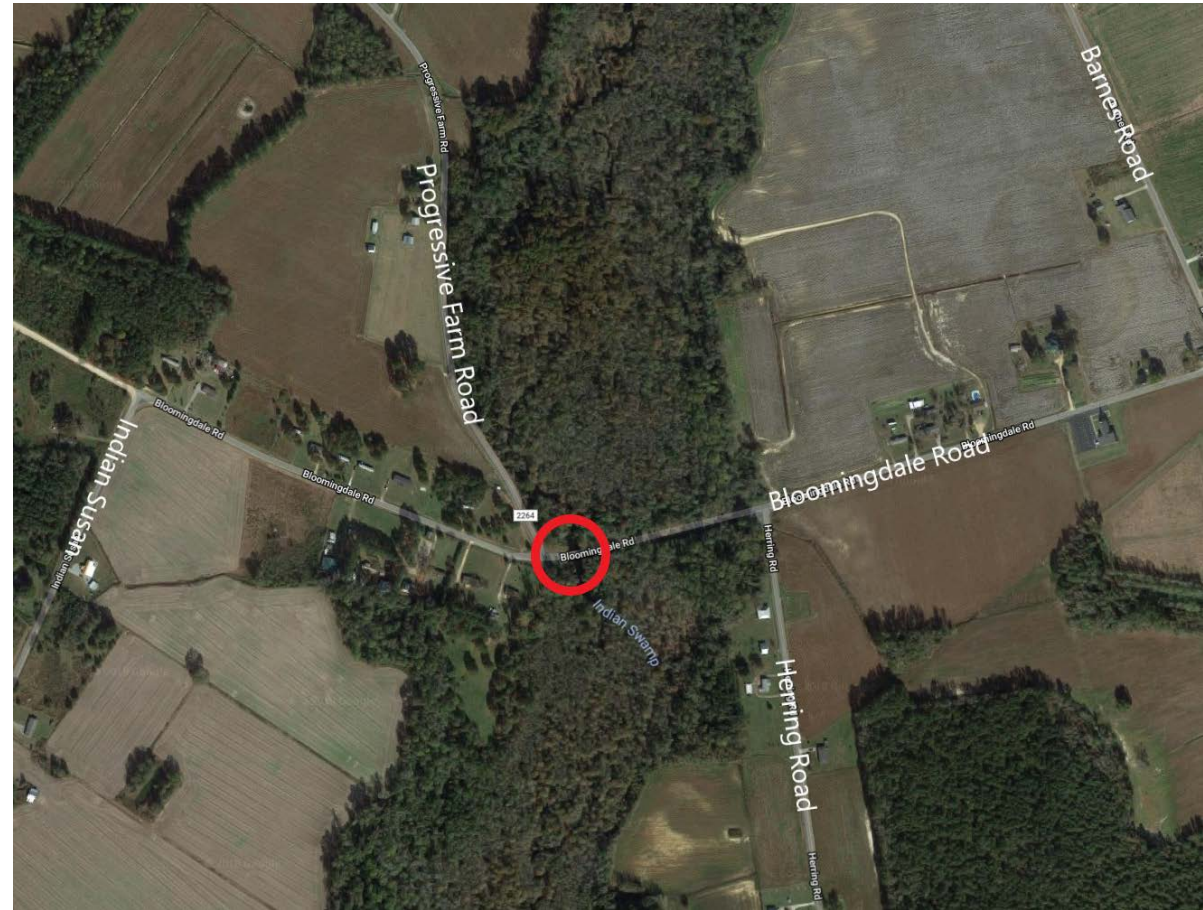
Hydraulics Unit The NCDOT Hydraulics Unit will coordinate with the NC Floodplain Mapping Program (FMP), to determine the status of the project with regard to the applicability of NCDOT's Memorandum of Agreement, or approval of a Conditional Letter of Map Revision (CLOMR) and subsequent final Letter of Map Revision (LOMR).



Vicinity Map

B-6007

Structure No. 770108 on SR 2269 (Bloomingdale Road) over Indian Swamp



18-08-0021



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: **B-6007** County: **Robeson**
 WBS No: **48202.1.1** Document: **C E**
 F.A. No: **BRZ-2269(002)** Funding: State Federal

Federal Permit Required? Yes No Permit Type: **usace**

Project Description: NCDOT proposes to replace Bridge No. 108 on SR 22269 (Bloomingdale Road) over Indian Swamp in Robeson County. The current bridge is small and the proposed length of the new project is only 316 feet, though the resulting structure is likely to be somewhat larger. No alternative designs were available for use during the archaeological review. It is not understood and this moment if any reasonable offsite detours are available or if an onsite detour may be utilized. For purposes of this review, the Area of Potential Effects (APE) is a more generous 0.10 mi (526 ft) with consideration of 100 ft to either side of the existing SR 2030, or 200 ft total width. This APE allows for and considers multiple possible alignments, temporary bridging and detour configurations and would include any needed new ROW, fill and cut lines, or construction easements. This is a federally funded undertaking with USACE permitting, therefore Section 106 of the National Historic Preservation Act.

SUMMARY OF CULTURAL RESOURCES REVIEW

Brief description of review activities, results of review, and conclusions:

The bridge to be replaced is located over the edge of swampy and wooded terrain on SR 2269 in a rural Robeson County. USGS mapping (Fairmont) and aerial photography was studied (see Figures 1 and 2). The Bing street view tool was used to confirm the conditions immediately around the exiting bridges, a wooded wetland within the APE with the roadway elevated above the wet, swampy soil, however coverage fell short of the actual bridge location and the approach from the east.

According to USGS mapping and GIS resources (data layer created by NCDOT archaeologist Paul J. Mohler), no cemetery is present at the APE or immediately nearby though two are located about 1000 feet away in opposite directions from the bridge and set back off the road. They will not be affected by the project.

The Office of State Archaeology was visited to review archaeological mapping and to reference any known archaeological surveys and sites. This helps establish an archaeological context for comparison. There are no recorded archaeological sites in the nearby vicinity nor have their been any environmental reviews for archaeology closeby.

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

The bridge replacement may be replaced in place or realigned, or may have a long offsite or onsite detour. The APE allows for several possible design options. There are no recorded archaeological sites with the APE. Soils within the APE are very poorly drained and generally unsuitable for activities that tend to leave an archaeological signature. The project is described as having relatively contained impacts, mostly within existing disturbances.

The context doesn't indicate a high probability for archaeological sites within the APE. It is unlikely that significant, intact archaeological remains would be present and impacted by the bridge replacement project.

"No ARCHAEOLOGY SURVEY REQUIRED" form for the Amended Minor Transportation Projects as Qualified in the 2015 Programmatic Agreement.

18-08-0021

For archaeological review, this federally funded and permitted undertaking should be considered compliant with Section 106.

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



NCDOT ARCHAEOLOGIST

10/02/2018

Date

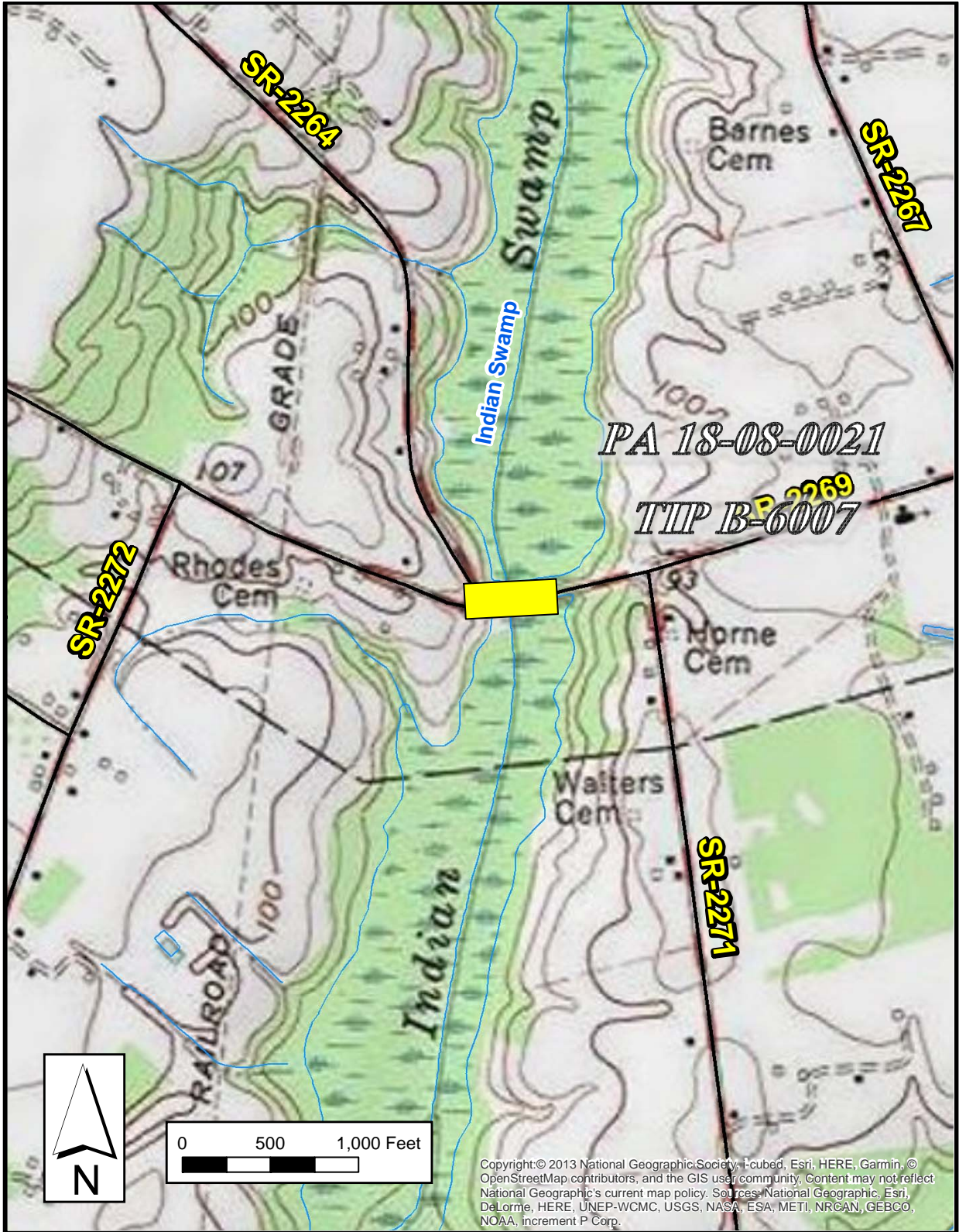


Figure 1. Vicinity of TIP B-6007, PA 18-08-0021, the replacement of Br. No. 108 on SR 2269 (Bloomingdale Road) over Indian Swamp Robeson County, shown on USGS mapping (Fairmont). The APE is shown in yellow.

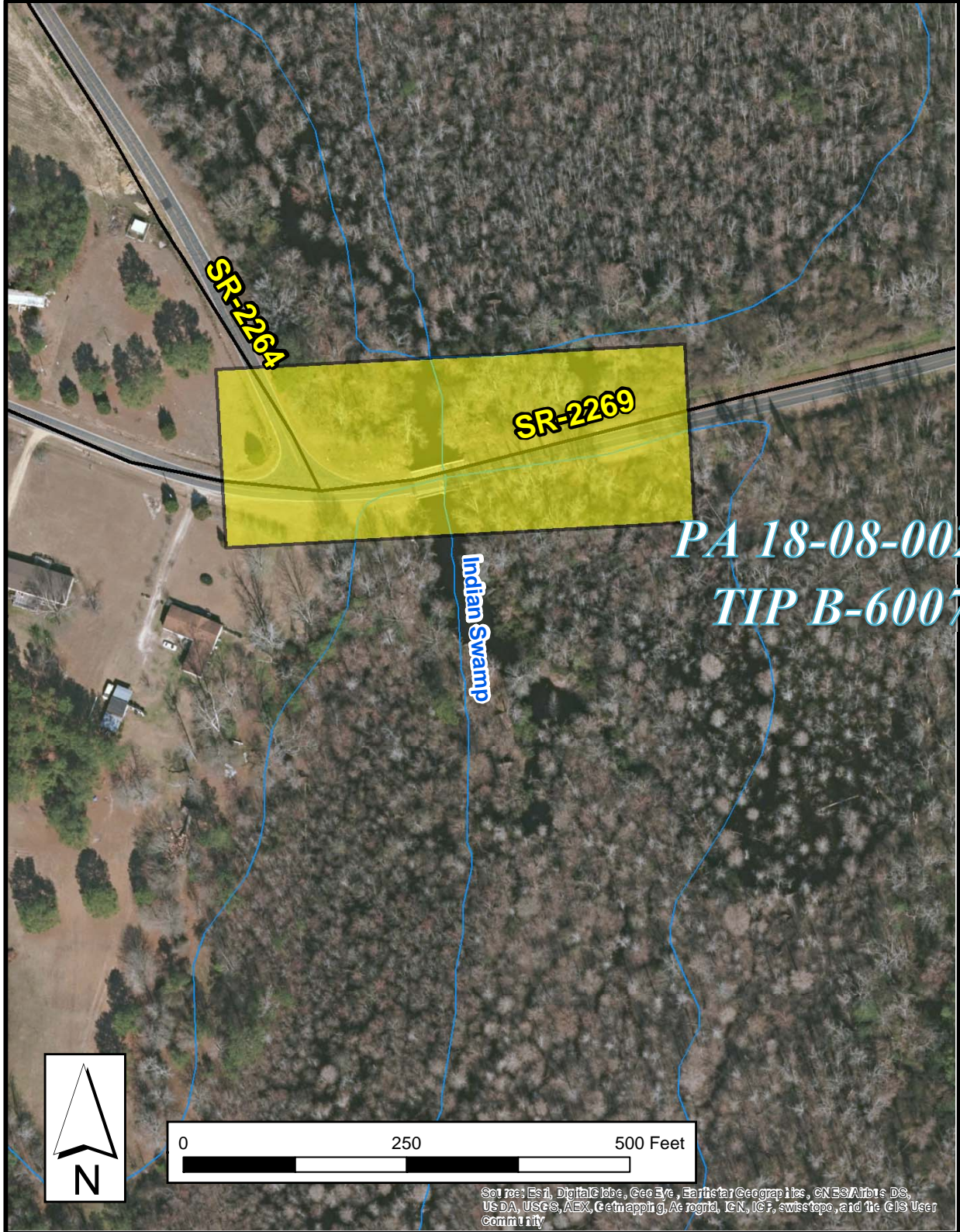


Figure 2. Aerial map of TIP B-6007, PA 18-08-0021, the proposed replacement of Br. No. 108 on SR 2269 (Bloomingdale Road) over Indian Swamp. The approximate APE is shown in yellow.

18-08-0021



HISTORIC ARCHITECTURE AND LANDSCAPES NO SURVEY REQUIRED FORM

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

PROJECT INFORMATION

Project No:	B-6007	County:	Robeson
WBS No.:	48202.1.1	Document Type:	CE
Fed. Aid No:	BRZ-2269(002)	Funding:	<input type="checkbox"/> State <input checked="" type="checkbox"/> Federal
Federal Permit(s):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Permit Type(s):	USACE
<u>Project Description:</u> Replace Bridge No 108 on SR 2269 (Bloomingdale Rd) over Indian Swamp.			

SUMMARY OF HISTORIC ARCHITECTURE AND LANDSCAPES REVIEW

<u>Description of review activities, results, and conclusions:</u> Review of HPO quad maps, relevant background reports, historic designations roster, and indexes was undertaken on September 10, 2018. Based on this review there are no NR, DE, LL, SL or SS in the Area of Potential Effects (APE). There are no structures over 50 years of age other than the bridge. Robeson County Bridge No 108 County, built in 1967 does not exemplify any distinctive engineering or aesthetic type and is not eligible for the National Register of Historic Places. No Survey is required at this time.
<u>Why the available information provides a reliable basis for reasonably predicting that there are no unidentified significant historic architectural or landscape resources in the project area:</u> Using HPO GIS website and county tax data provides reliable information regarding the structures in the APE. These combined utilities are considered valid for the purposes of determining the likelihood of historic resources being present.

SUPPORT DOCUMENTATION

Map(s) Previous Survey Info. Photos Correspondence Design Plans

FINDING BY NCDOT ARCHITECTURAL HISTORIAN

Historic Architecture and Landscapes -- NO SURVEY REQUIRED

Shelby Reap

NCDOT Architectural Historian

Sept 10, 2018

Date

