

# North Carolina Department of Transportation

## NEPA/SEPA Consultation Form

STIP Project No.	<b>BR-0115</b>
WBS Element	<b>48824.1.1</b>
Federal Aid Project No.	<b>2020001</b>

A. Project Description, Location, and Purpose:

The purpose of this project is to replace Bridge No. 480166 on SR 1595 (Coolbrook Road) over Rocky Creek in Iredell County in Division 12.

Bridge No. 480166 is 107 feet long. The replacement structure will be a bridge approximately 138 feet long, will be an approximately 30-foot wide structure with two 10-foot travel lanes and 3-foot 11-inch shoulders on the existing alignment, and have a proposed right of way up to 85 feet. The total length of the project is approximately 700 feet.

There will be no posted weight restriction; the proposed bridge will be designed to meet the legal load rating. The roadway is classified as a local route with a 35-mile per hour design speed and posted speed limit.

The bridge will be replaced on the existing alignment while detouring traffic offsite.

This bridge will serve as a detour route for NCDOT project BR-0114, which proposes the replacement of Bridge No. 480165 on SR 1601 (Branton Road) over Rocky Creek. Since Bridge No. 480166 (BR-0115) is currently a posted bridge, BR-0115 will need to be constructed prior to BR-0114.

B. Consultation Phase: (Check one)

- Right-of-Way
- Construction
- Other: Identify the trigger – (e.g., design change, change in impacts)

C. NEPA/SEPA Class of Action Initially Approved as: (Check one)

- FHWA Class II (CE) 7/30/2019

Additional Notes: Type I A

D. Changes in Proposed Action & Environmental Consequences:

Water Resources

Water resources and classifications in the project area have not changed since the above referenced documents.

Protected Species

As of July 17, 2020, the USFWS lists three protected species for Iredell County. A memo stating that NCDOT is in compliance with 4(d) with regard to the northern long-eared bat was sent to USFWS (Claire Ellwanger) on 1/6/2020. Habitat is present for dwarf-flowered heartleaf, however none were found in a 2019 survey, resulting in a biological conclusion of No Effect. No biological conclusion is required for the bog turtle. Section 7 has been resolved for this project.

Historic Architecture and Archaeology

NCDOT has reviewed the Section 106 effects findings for historic properties within the project's area of potential effects (APE), that were made as part of the NEPA analysis. NCDOT has confirmed that there is no new information that would alter the original Section 106 findings and, therefore, they remain valid.

E. Conclusion:

The above NEPA/SEPA documentation has been reevaluated (as required by either 23 CFR 771 or by NC General Statute Chapter 113A Article 1). It has been determined that the current proposed action is essentially the same as the original proposed action. Proposed changes, if any, are noted in Section D. It has been determined that anticipated social, economic, and environmental impacts were accurately described in the above referenced document(s) unless noted otherwise herein. Therefore, the original Administration Action remains valid.

F. Coordination

NCDOT personnel have discussed the current project parameters with qualified NCDOT representatives and FHWA (where applicable). The NCDOT Project Manager, Jacquelyn Bowles, PE, hereby verifies the involvement of the following staff and the incorporation of their technical input:

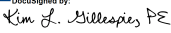
Design Engineer:	Kevin Bailey	10/2/2020
Environmental Specialist:	Bill Barrett	10/2/2020
FHWA (if applicable):		
Other:	Jerry Snead	9/22/2020

G. Consultation Approval for NCDOT Project BR-0115

**Prepared By:**

11/3/2020

Date

DocuSigned by:  


Kim L. Gillespie, PE, Project Manager  
NCDOT – Project Management Unit

**Prepared For:**

DocuSigned by:  


Jacquelyn Bowles, PE  
NCDOT, Structures Management Unit

**Reviewed By:**

11/4/2020

Date

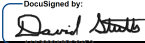
DocuSigned by:  


John Jamison, PWS, Western Regional Team Lead  
NCDOT – Environmental Policy Unit

- Approved** In adherence with 23 CFR 771 (NEPA) or NC General Statute Chapter 113A Article 1 (SEPA), NCDOT approves this Consultation.
- or
- Certified** NCDOT staff certifies if FHWA signature was previously required or where changes have resulted in FHWA signature being required.

11/4/2020

Date

DocuSigned by:  


David Stutts, PE – Project Engineer – PEF/Program Management  
NCDOT – Structures Management Unit

FHWA Approved: FHWA signature required for Type I(B) CE, Type II(B) CE, Type III CE, FONSI or ROD.

Date

N/A

John F. Sullivan, III, PE, Division Administrator  
Federal Highway Administration

## H. Project Commitments (as of October 2, 2020)

### **PROJECT COMMITMENTS**

T.I.P Project No. BR-0115  
Replacement of Bridge No. 166 over Rocky Creek  
on SR 1595 (Coolbrook Road)  
Iredell County  
WBS Element 48824.1.1

### **COMMITMENTS FROM PROJECT DEVELOPMENT AND DESIGN**

#### **NCDOT Division 12 – Construction**

This bridge will serve as a detour route for NCDOT project BR-0114, which proposes the replacement of Bridge No. 480165 on SR 1601 (Branton Road) over Rocky Creek. Construction of BR-0114 and BR-0115 is combined under one contract. Since Bridge No. 480166 (BR-0115) is currently a posted bridge, BR-0115 will need to be constructed prior to BR-0114.

#### **NCDOT Hydraulics Unit – FEMA Coordination**

The Hydraulics Unit coordinated with the NC Floodplain Mapping Program (FMP) on November 12, 2019 to determine status of project with regard to applicability of NCDOT's Memorandum of Agreement (MOA), or approval of a Conditional Letter of Map Revision (CLOMR) and subsequent final Letter of Map Revision (LOMR). The coordination resulted in approval on February 10, 2020 for the FEMA NFIP (National Flood Insurance Program) under NCDOT's MOA with the FMP.

#### **NCDOT Division 12 Construction, Resident Engineer's Office – FEMA**

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

#### **NCDOT Structures Management Unit – Public Involvement Newsletter**

Newsletters were sent to the property owners affected by the project on December 10, 2019 to inform them of the project and the offsite detour.

#### **NCDOT Division 12 – Agriculture Land Use**

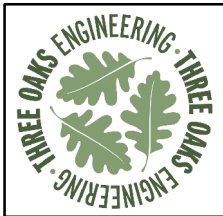
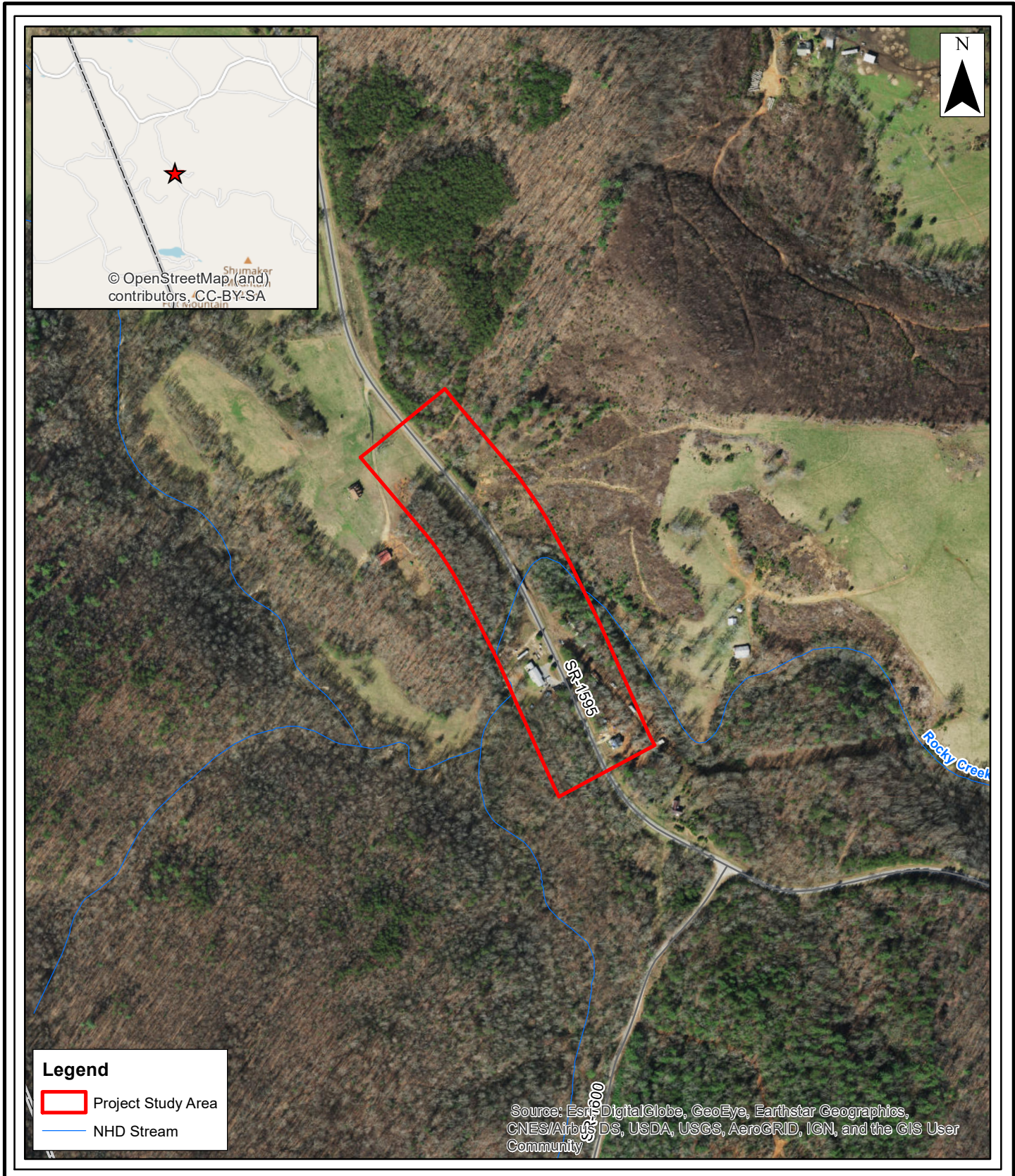
Farming operations in the vicinity of the bridge may be affected temporarily during construction by losing direct access and by using the approximately 7-mile detour route. NCDOT Division 12 will coordinate with owners of agricultural land at least one month prior to road closure.

#### **NCDOT Division 12 – Schools and Emergency Management Services**

NCDOT will coordinate with Iredell County Schools (Kim Fox, 704-872-5321) and Iredell County EMS (Blair Richey, 704-878-3025) one month prior to construction.

### **COMMITMENTS FROM PERMITTING**

No Commitments were developed during project permitting.



Replacement of Bridge No. 166  
on SR 1595 (Coolbrook Rd.)  
over Rocky Creek  
STIP No. BR-0115  
Project Vicinity Map  
Iredell County, North Carolina

Date: APRIL 2019  
Scale: 0 200 400 Feet  
Job No.: 18-025  
Drawn By: CMR  
Checked By: JSM

Figure  
**1**