

NCDOT NEPA/SEPA Consultation Form

NCDOT TIP Project No.	B-5301
WBS Element	46015.1.1
Federal Aid Project No.	BRSTP-0033(13)

A. Project Description, Location and Purpose:

Bridge Replacement project B-5301 proposes to replace Bridge No. 87 on new location to the north. Traffic will be maintained on the existing bridge during construction. Bridge No. 87 is located on NC 33 over Norfolk Southern Railroad, in Pitt County, just one-half mile northwest of the Town of Grimesland and approximately 10 miles southeast of the City of Greenville. NC 33 is the main route from Grimesland to Greenville with a high amount of truck traffic and school buses. The land immediately surrounding the bridge is rural in nature and contains active farmland. Vehicular traffic was noted as heavy during site visits.

The existing bridge is 212 feet long and approximately 32.7 feet wide, carrying two lanes of traffic. Built in 1938, Bridge No. 87 is considered structurally deficient with a substructure rating of 4 and sufficiency rating of 33.84. The replacement structure will be a three span bridge approximately 287 feet long, with two 12-foot lanes and 4-foot shoulders. The bridge length is based on preliminary design information and is set by rail requirements. The roadway grade of the new structure will be raised approximately 4.5 to 4.75 feet from the existing structure to provide required clearance over Norfolk Southern Railroad. The total length of the project is approximately 3,200 feet.

The approach roadway will extend approximately 1,445 feet from the west end of the new bridge and 1,465 feet from the east end of the new bridge. The approaches will be widened to include a 32-foot pavement width, providing two 12-foot lanes and a minimum of 4-foot paved shoulder. Paved shoulder width will vary in areas with guardrail. The roadway is classified as a Major Collector and will be designed to AASHTO Guidelines with a design speed of 55 miles per hour (mph).

B. Consultation Phase: (Check one)

- Right-of-Way
- Construction
- Other: **design change, etc.**

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

- FHWA TYPE I A CE October 16, 2017

Additional Notes: **N/A**

D. Changes in Proposed Action & Environmental Consequences:

The proposed action of replacing of Bridge No. 87 on NC 33 over Norfolk Southern Railroad in Pitt County remains fundamentally the same as the original proposed action as

described in the above referenced document. The current purpose of this project is to replace a structurally deficient bridge while minimizing the social, economic, and environmental impacts to the surrounding areas.

There is a property within the project limits that qualifies as a prime or important farmland as defined by the Farmland Protection Policy Act (FPPA). Since the area defined in the original proposed action has not changed, and the original preliminary screening of farmland conversion impacts resulted in a score above the threshold of 60 points is still valid, the NRCS Farmland Conversion Impact Rating Form, AD-1006, has been completed and sent to the NRCS for review and approval.

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). The current proposed action is essentially the same as the original proposed action. Proposed changes, if any, are noted below. 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. FHWA Appendix C Criteria:

If any of questions 1-7 below are marked "yes" then please review NCDOT and/or FHWA procedures prior to 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"/>

G. Coordination

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

Design Engineer:	Imad Younis, SEPI, Inc.	4/20/2020
FHWA Engineer:	N/A	N/A
Environmental Specialist:	Gordon Cashin	3/26/2020
Other:	Colin Mellor	4/22/2020

H. Consultation Approval for NCDOT Project B-5301

Prepared By:
4/22/2020

Date

DocuSigned by:
Jacquelyn Bowles
DD26E87EDFB647E...

Jacquelyn Bowles, PE, Engineer III
Structures Management Unit
North Carolina Department of Transportation

Prepared For:

NCDOT Structures Management Unit
North Carolina Department of Transportation

Reviewed By:

4/22/2020

Date

DocuSigned by:
Colin Mellor
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Colin Mellor, Eastern Regional Team Lead
Environmental Policy Unit
North Carolina Department of Transportation



Approved

In adherence with 23 CFR 771 (NEPA) or NC General Statute Chapter 113A Article 1 (SEPA), NCDOT approves this Consultation.

or



Certified

If any of the threshold questions (1 through 7) of Section F are answered "yes," NCDOT certifies this Consultation.

4/24/2020

Date

DocuSigned by:
Kevin Fischer
ED19A18D98EC496...

Kevin Fischer, PE, PM, Assistant State Structures Engineer
Structures Management Unit
North Carolina Department of Transportation

FHWA Approved: FHWA signature required for Projects where an additional threshold has been exceeded or for any Type III CE, FONSI or ROD.

N/A
Date

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

I. Project Commitments

Pitt County
Replace Bridge 87 on NC 33 over Norfolk Southern Railroad
Federal Project No. BRSTP-0033(13)
WBS No. 46015.1.1
TIP No. B-5301

NCDOT Hydraulics Unit, Natural Environment Section – Buffer Rules

The Tar-Pamlico River Basin Rule applies to this project.

NCDOT Roadway Design, Structure Design – Railroad

During final design, all utility providers and railroad operators will be coordinated with to ensure that the proposed design and construction of the project will not substantially disrupt service.