

North Carolina Department of Transportation

NEPA/SEPA Consultation Form

STIP Project No.	<u>B-5703</u>
WBS Element	<u>45657.1.1</u>
Federal Aid Project No.	<u>N/A</u>

A. Project Description, Location, and Purpose:

The proposed project involves replacing Bridge No. 60 on US 401 over Lower Little River in Cumberland and Harnett Counties. Bridge No. 60 will be replaced on the existing alignment. The approximate project length is 900 feet. The replacement structure will be 197 feet long with a minimum clear roadway width of 32 feet. The bridge will include two twelve-foot lanes and 4-foot offsets on each side. The bridge length is based on preliminary design information and is set by hydraulic requirements. The roadway grade of the new structure will be approximately the same as the existing structure. The approach roadway will extend approximately 365 feet from each end of the proposed bridge. The approach roadway will consist of two 12-foot lanes with 8-foot shoulders (11-foot with guardrail). The existing right-of-way is 100 feet and the proposed right-of-way is up to 140 feet. It is anticipated that Permanent Drainage Easement (PDE), Temporary Drainage Easement (TDE) and Temporary Construction Easement (TCE) are needed to build the project. Due to available nearby alternative routes to this minor arterial, traffic will be detoured off-site during the construction period. There are no residential or business accesses in the immediate project area. Local access to active farming in the immediate vicinity of the bridge replacement can be maintained during construction.

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)

- SEPA MCDC 06/11/2019

Additional Notes: N/A

D. Changes in Proposed Action & Environmental Consequences:

No major design changes have occurred since the project was approved. There have been no changes to the water resource classifications for the streams.

Protected Species

There have been no changes to the list of protected species and no changes to the biological conclusions. The project may affect, but is not likely to adversely affect the Cape

Fear shiner (*Notropis mekistocholas*) and would have no effect on any other protected species.

The programmatic biological opinion (PBO) for the northern long-eared bat (NLEB) (*Myotis septentrionalis*) in eastern North Carolina was revised by the US Fish and Wildlife Service in conjunction with the FHWA, the US Army Corps of Engineers (USACE) and NCDOT. The PBO ensure compliance with Section 7 of the Endangered Species Act for all NCDOT projects with a federal nexus in Divisions 1-8, which includes Cumberland and Harnett Counties, where B-5703 is located. The following measures to avoid and minimize mortality are required:

1. No tree clearing will occur within 150 feet of a known maternity roost tree May 1- June 30 in order to protect non-volant young (no known maternity roost trees in the project area).
2. At individual sites where a total of 1/0 acre or more of tree clearing will occur, no tree clearing will occur during the portion of the day that the air temperature is <40 degrees Fahrenheit in order to protect NLEBs that may be in torpor. This restriction is only subject to the known/potential range that is shown in Figure 2 of the 2020 PBO (does not include the location of B-5703).

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:

KCI Design Engineer:	Bryan Hough, PE	June 18, 2021
Environmental Specialist:	Jason Dilday	June 15, 2021
FHWA (if applicable):	N/A	Date
KCI Hydraulics Engineer	Leah Young, PE	June 21, 2021

G. Consultation Approval for NCDOT Project B-5703

Prepared By:

6/21/2021

Date

DocuSigned by:

Dewayne Sykes

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Dewayne L. Sykes, PE, Project Manager
KCI Associates of North Carolina, PA

DocuSigned by:

Jacquelyn Bowles


Jacquelyn Bowles, PE
NCDOT, Structures Management Unit

Prepared For:

Reviewed By:

7/14/2021

Date

DocuSigned by:

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Colin Mellor, Eastern 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

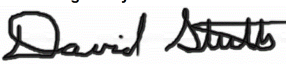


Certified

NCDOT staff certifies if FHWA signature was previously required or where changes have resulted in FHWA signature being required.

7/14/2021

Date

DocuSigned by:

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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 06/15/2021)

**Cumberland County
Bridge No. 60 on US401
Over Lower Little River
WBS No. 45657.1.1
TIP No. B-5703**

COMMITMENTS FROM PROJECT DEVELOPMENT AND DESIGN

Hydraulics Unit

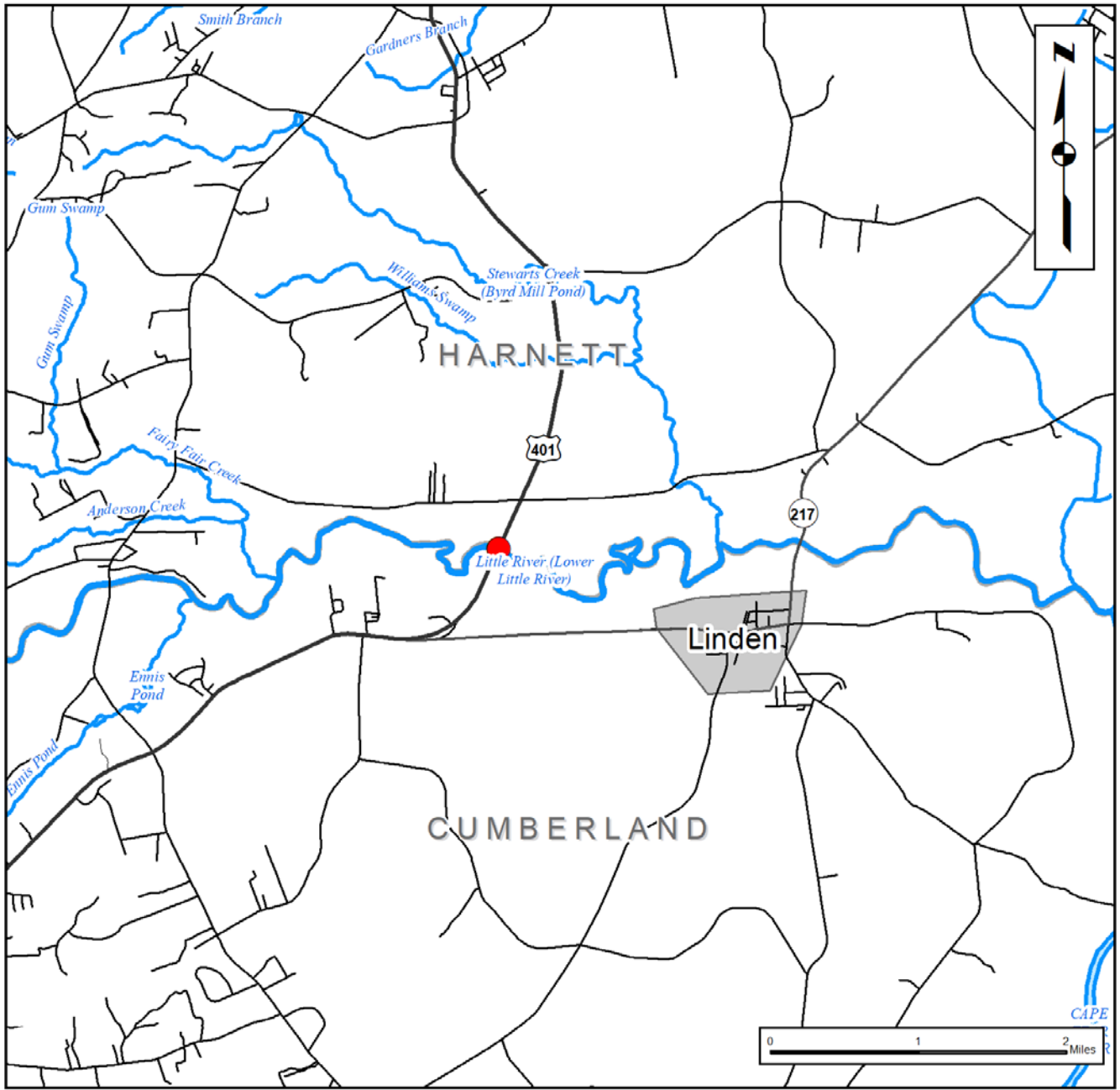
The Hydraulics Unit will coordinate with the NC Floodplain Mapping Program (FMP) to determine the status of the project with regard to the applicability of NCDOT's Memorandum of Agreement, or approval of a Conditional Letter of Map Revision (CLOMR) and subsequent final Letter of Map Revision (LOMR).
B-5703 was recommended for approval as a MOA Type I project on May 12, 2019.


Contracts Unit

Due to the possible disruption of access to and between farms along US 401, it is recommended that access is maintained for farm equipment and agricultural operations. NCDOT will set the minimum reasonable contract time to decrease the period of construction and minimize possible temporary disruptions in access.

COMMITMENTS FROM PERMITTING

No special conditions developed during permitting.



	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PROJECT DEVELOPMENT & ENVIRONMENTAL ANALYSIS UNIT
CUMBERLAND COUNTY REPLACE BRIDGE NO. 60 ON US 401 OVER LOWER LITTLE RIVER	
VICINITY MAP	

