

North Carolina Department of Transportation

NEPA/SEPA Consultation Form

STIP Project No.	BR-0047
WBS Element	49078.3.1 (67047.1.1 MCDC)
Federal Aid Project No.	N/A

A. Project Description, Location, and Purpose:

The North Carolina Department of Transportation (NCDOT) proposes to replace Bridge No. 10 on Meadowbrook Drive (SR 1105) over US 52 in the City of King, in Stokes County. (See Attachments.) The project will replace the existing, structurally deficient Bridge No. 10 in-place, using an off-site detour, as shown in the attached plan sheets. The proposed two-span, steel-plate girder structure will be 210.5 feet long with a minimum clear-roadway width of 46 feet and 5.5' of sidewalk. The proposed structure will include a 12-foot wide westbound lane and two eastbound lanes; one is a 14-foot wide through-lane and the other is a 12-foot wide left-turn lane, accessing Kingsway Drive. The roadway distance from the proposed project beginning to the west end of the bridge is 673 feet, and the roadway distance from the east end of the bridge to the proposed project end is 697 feet. Guardrail is proposed at all four bridge corners and around the proposed columns, along US 52 North (Pilot Mountain Parkway). A 5.5-foot wide sidewalk will be constructed adjacent to the eastbound travel lane on the south side of the proposed bridge. The proposed structure will be approximately three feet taller than the existing structure. To meet current design requirements, the use of retaining walls allowed the proposed bridge design length to be shortened by 55.5 feet.

B. Consultation Phase: Construction

C. NEPA/SEPA Class of Action Initially Approved as:

SEPA MCDC 08-30-2019

D. Changes in Proposed Action & Environmental Consequences:

As documented in the issuance of the Section 404 permit, NCDOT revised the easements and stream impacts based on typical design progression. These design revisions are contained within the proposed project study area.

WATER RESOURCES: Water resources and classifications in the project area have not changed since the MCDC was approved on August 30, 2019.

PROTECTED SPECIES: As of July 17, 2020, the USFWS lists six protected species for Stokes County. There is no habitat present for Roanoke logperch, James spiny mussel, or small-anthered bittercress. Habitat is present for Schweinitz's sunflower, but surveys conducted in August 2018 and October 2020 did not find any, therefore the biological

conclusion remains, No Effect. A biological conclusion is not required for Northern long-eared bat or gray bat, but NCDOT has determined that this project is in compliance with the regulatory responsibilities associated with the Endangered Species Act (Sections 9 & 10) with regard to this species. NCDOT will perform an inspection of the bridge for bats prior to demolition. All appropriate Sections of the Endangered Species Act have been resolved for this project.

ARCHAEOLOGY & HISTORIC ARCHITECTURE: 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 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, hereby verifies the involvement of the following staff and the incorporation of their technical input:

Parish & Partners AICP:	Laura Stevens	11-23-2020
NCDOT Env. Specialist:	Erin Cheely	11-23-2020
NCDOT Cultural Resources:	Jamie Lancaster	11-16-2020

G. Construction Consultation Approval for NCDOT Project BR-0047:

Prepared By:

12/17/2020

Date

DocuSigned by:
Karen Reynolds
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Karen S. Reynolds, PM
NCDOT, Project Management Unit

Prepared For:

12/17/2020

Date

DocuSigned by:
Jacquelyn Bowles
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Jacquelyn Bowles, PE
NCDOT, Structures Management Unit

Reviewed By:

12/17/2020

Date

DocuSigned by:
John Jamison
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John Jamison, 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.

12/21/2020

Date

DocuSigned by:
David Stutts
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David Stutts, PE, Project Engineer, PEF/Project 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 11-24-2020)

PROJECT COMMITMENTS

**Stokes County
Replace Bridge No. 10 on Meadowbrook Drive (SR 1105) over U.S. 52
WBS No. 49078.3.1 (67047.1.1 MCDC)
Project No. BR-0047**

Changes to the project commitments as shown in the CE for the project, are printed in italics.

NCDOT Division 9, NCDOT Structures Management Unit (SMU)

Continued Coordination and Outreach

In order to have time to adequately reroute school buses, the Division Project Manager will contact the Stokes County Schools Transportation Director [336-591-7169], at least one month prior to road closure.

The Division Project Manager will coordinate with emergency management officials, City of King Fire Department Chief/EM Coordinator [336-983-3030], Stokes County EMS [336-593-5409], and Stokes County Sheriff's Office [336-593-8787] to discuss detour planning for emergency vehicles.

This commitment is still valid.

NCDOT Environmental Analysis Unit

Northern-Long Eared Bat (NLEB)

The USACE has developed a Standard Local Operations Procedure for Endangered Species (SLOPES) to address NLEB when they are the lead agency, which NCDOT will follow for this project. This procedure applies to projects in Divisions 9-14. The requirements of the SLOPES for the NLEB will be completed prior to Let and will be submitted to the USACE. A Biological Conclusion is not required.

This commitment has been completed. NCDOT has determined that the proposed action does not require Section 7 Endangered Species Act 16 U.S.C. §1531 consultation, as the proposed action has no federal nexus [no permits are required]. However, NCDOT must comply with Section 9 and 10 of the Act, for all project actions that may "take" protected animal species. NCDOT has evaluated this action for environmental impacts and has determined that take is not "reasonably certain to occur" for any listed animal species, because of the described action. This project complies with the regulatory responsibilities associated with the Endangered Species Act (Sections 9 & 10).

COMMITMENTS FROM PERMITTING:

No permit is required for this project; therefore, USACE will not be making a SLOPES determination for the northern long-eared bat.