

# North Carolina Department of Transportation

## NEPA/SEPA Consultation Form

STIP Project No.	<b>BR-0051</b>
WBS Element	<b>67051.1.1</b>
Federal Aid Project No.	<b>N/A</b>

### A. Project Description, Location, and Purpose:

Replace Yadkin County Bridge No. 90 on SR 1711 (Speer Bridge Road) over US 421. The new bridge will be placed on the existing location while traffic is detoured offsite during construction. The bridge will be replaced within existing right of way.

The purpose of this proposed project is to replace a functionally obsolete and previously structurally deficient bridge. NCDOT bridge inspection reports indicate that Bridge No. 90 has previously been classified as structurally deficient due to a superstructure conditional appraisal of 4 out of 9 according to Federal Highway Administration standards. Concrete superstructure and substructure components have received continual maintenance over the years, but the bridge is reaching the end of its useful life and needs to be replaced to maintain traffic.

#### Offsite Detour:

The four ramps will be left open for the majority of construction, but the bridge crossing will be closed as the old bridge is removed and the new constructed. Traffic will be detoured offsite during periods of closure. The detour route will depend on the origin and destination.

When the bridge is closed but the ramps are open, north bound through traffic would be detoured via the eastbound on ramp to Dinkins Bottom Road/US 421 Interchange and back again resulting in 3 additional miles travel. Similarly, southbound through traffic would be detoured to the Old Stage Road/US 421 Interchange and back again resulting in 4.4 additional miles of travel

When ramps are closed, US 421 traffic will access at either the Dinkins Bottom Road/US 421 interchange 1.5 miles to the east or the Old Stage Rd/US421 Interchange 2.2 miles to the west.

When both bridge and ramps are closed, US 421 traffic will have access via either of the previously referenced interchanges. Through traffic on the bridges would be detoured around via Courtney-Huntsville, to Shallowford Road, to Dinkins Bottom Road Rd, to Old US 421 for a total of 8.5 miles additional travel.

### B. Consultation Phase:

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Right-of-Way



Construction



Other: Identify the trigger – (e.g., design change, change in impacts)

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



SEPA MCDC

7/30/2019

D. Changes in Proposed Action & Environmental Consequences:

Design:

No design changes since the above document was signed in July 2019.

Water Resources:

There are no water resources in the project area.

Protected Species:

As of 2/1/2022, the USFWS Information for Planning and Consultation (IPaC) lists two species in the project study area:

Schweinitz's sunflower:

Schweinitz's sunflower has been added to the list of protected species in the project area since the completion of the above referenced document. Habitat is present for Schweinitz's sunflower. Surveys conducted on October 21, 2021, revealed no populations in the project area. The biological conclusion for Schweinitz's sunflower is No Effect.

Northern long-eared bat:

NCDOT has determined that the proposed action does not require separate consultation on the grounds that the proposed action is consistent with the final Section 4(d) rule, codified at 50 C.F.R. § 17.40(o) and effective February 16, 2016. NCDOT may presume its determination is informed by best available information and consider Section 7 responsibilities fulfilled for Northern long-eared bat.

E. Conclusion:

The above NEPA/SEPA documentation has been reviewed (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:

Roadway Design	Sherri Calhoun	2/2/2022
Structures Management Unit	Adam Cole	2/2/2022
Environmental Specialist:	Michael Turchy	2/2/2022
FHWA (if applicable):	N/A	
Other		

G. Consultation Approval for NCDOT Project BR-0051

**Prepared By:**

02/10/2022

Date

DocuSigned by:



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Ahmad Al-Sharawneh

NCDOT Project Management Unit

DocuSigned by:



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**Prepared For:**

Jacquelyn Bowles, PE  
NCDOT, Structures Management Unit

**Reviewed By:**

02/10/2022

Date

DocuSigned by:



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Colin Mellor, 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.

02/10/2022

Date

DocuSigned by:



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Adam Cole, 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.

N/A

Date

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

H. Project Commitments (as of February 2022)

PROJECT COMMITMENTS:

T.I.P. No. BR-0051

WBS NO. 67051.1.1

Yadkin County

Replace Bridge No. 90 on SR 1711 (Speer Bridge Road) over US 421

*Current status and new commitments are printed in italics:*

NCDOT Division 11:

- *NCDOT will coordinate with Yadkin County School System and Yadkin County Emergency Service prior to construction.*