

North Carolina Department of Transportation

NEPA/SEPA Consultation Form

STIP Project No.	<u>B-5737</u>
WBS Element	<u>45693.1.1</u>
Federal Aid Project No.	<u>N/A</u>

A. Project Description, Location, and Purpose:

The proposed project is to replace a structurally deficient bridge. Bridge No. 108 on US 311/NC 700 over US 311/NC 14/NC 770 in Rockingham County (see attached vicinity map). The existing structure was built in 1957 and has a length of 159 feet with clear roadway width of 52 feet. The proposed bridge is approximately 112 feet long with clear roadway width of 52 feet. The bridge will provide 5-foot 6-inch sidewalks on either side of the entire length of the proposed bridge. The proposed bridge approaches include approximately 330 feet of approach work from the west end and 360 feet from the east end of the new bridge. 5-foot sidewalks are proposed on either side of the entire roadway approach work.

The proposed bridge will be replaced at existing crossing, and traffic will be maintained by an onsite detour during construction phase. The proposed detour bridge is located to the south of the existing bridge.

NCDOT Structures Management Unit records as of October 13, 2020 indicate Bridge No. 108 has a sufficiency rating of 49 out of a possible 100 for a new structure. Bridge No. 108 is considered structurally deficient due to a superstructure and substructure condition of 4 out of a possible 9 points.

B. Consultation Phase:

Right-of-Way

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

SEPA MCDC 12/19/2019

D. Changes in Proposed Action & Environmental Consequences:

Changes in Proposed Action

The project has had no major design changes since the completion of the MCDC.

Environmental Consequences

Construction will occur within the study area identified in the 2019 MCDC for the project.

Water resources

There are no water resources located within the project study area; therefore, water resource classifications have not changed since the MCDC was completed.

Neither High Quality Waters (HQW), Water Supplies (WS-I: undeveloped watersheds or WS-II predominately undeveloped watersheds), nor Outstanding Resource Waters (ORW) occur within 1.0 mile of the project study area. No streams within one mile of the project construction area are listed on the Final 2018 303(d) list of impaired waters for turbidity and/or sedimentation.

Federally Protected Species

As of its most recent update on **July 17, 2020**, the United States Fish and Wildlife Service (USFWS) lists three federally protected species for Rockingham County (see Table below).

Federally protected species listed for Rockingham County.

Scientific Name	Common Name	Federal Status	Habit Present	Biological Conclusion
<i>Percina rex</i>	Roanoke logperch	E	No	No Effect
<i>Parvaspina collina</i>	James (= Virginia) spiny mussel	E	No	No Effect
<i>Echinacea laevigata</i>	Smooth coneflower	E	Yes	No Effect *

E – Endangered

*Historical listing: Based on NC Natural Heritage Program information, this taxon is considered to be historical in the county, meaning that all recorded occurrences are either extirpated, have not been found in recent surveys, or have not been surveyed recently enough to be confident they are still present.

Northern long-eared bat

The Northern long-eared bat (NLEB) is not listed on the USFWS list of federally protected species for Rockingham county; however, it was addressed in the referenced MCDC with respect to the Programmatic Biological Opinion (PBO), in response to Question #9. As the current planning document for B-5737 is a MCDC, and no federal environmental permits will be required for the project, there is no federal nexus for this project. As such, addressing a Biological Conclusion for NLEB is not required, nor warranted.

Smooth coneflower

Smooth coneflower was addressed in the MCDC, in response to Question #9. As noted in the Table above, smooth coneflower is included as a “Historic” listing. As such, the Biological Conclusion for smooth coneflower is No Effect, and no further surveys are required.

The remaining species and their biological conclusions are accurate.

Cultural Resources

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, Melanie Nguyen, PE, hereby verifies the involvement of the following staff and the incorporation of their technical input:

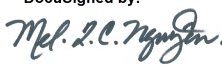
Design Engineer:	Trent Huffman (Moffat & Nichol)	3/3/2021
Environmental Specialist:	William Barrett (NCDOT)	2/26/2021
Cultural Resource:	Jamie Lancaster, PE (NCDOT)	3/18/2021

G. Consultation Approval for NCDOT Project B-5737

Prepared By:

3/25/2021

Date

DocuSigned by:

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Melanie Nguyen, PE
 NCDOT, Project Management Unit – Division 5 & 8

Prepared For:

3/25/2021

Date

DocuSigned by:

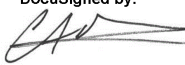
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Jacquelyn Bowles, PE
 NCDOT, Structure Management Unit

Reviewed By:

3/28/2021

Date

DocuSigned by:

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Colin Mellor, Team Lead
 NCDOT, 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.

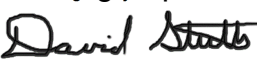
or

Certified

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

3/29/2021

Date

DocuSigned by:

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

N/A

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

H. Project Commitments (as of 3/25/2021)

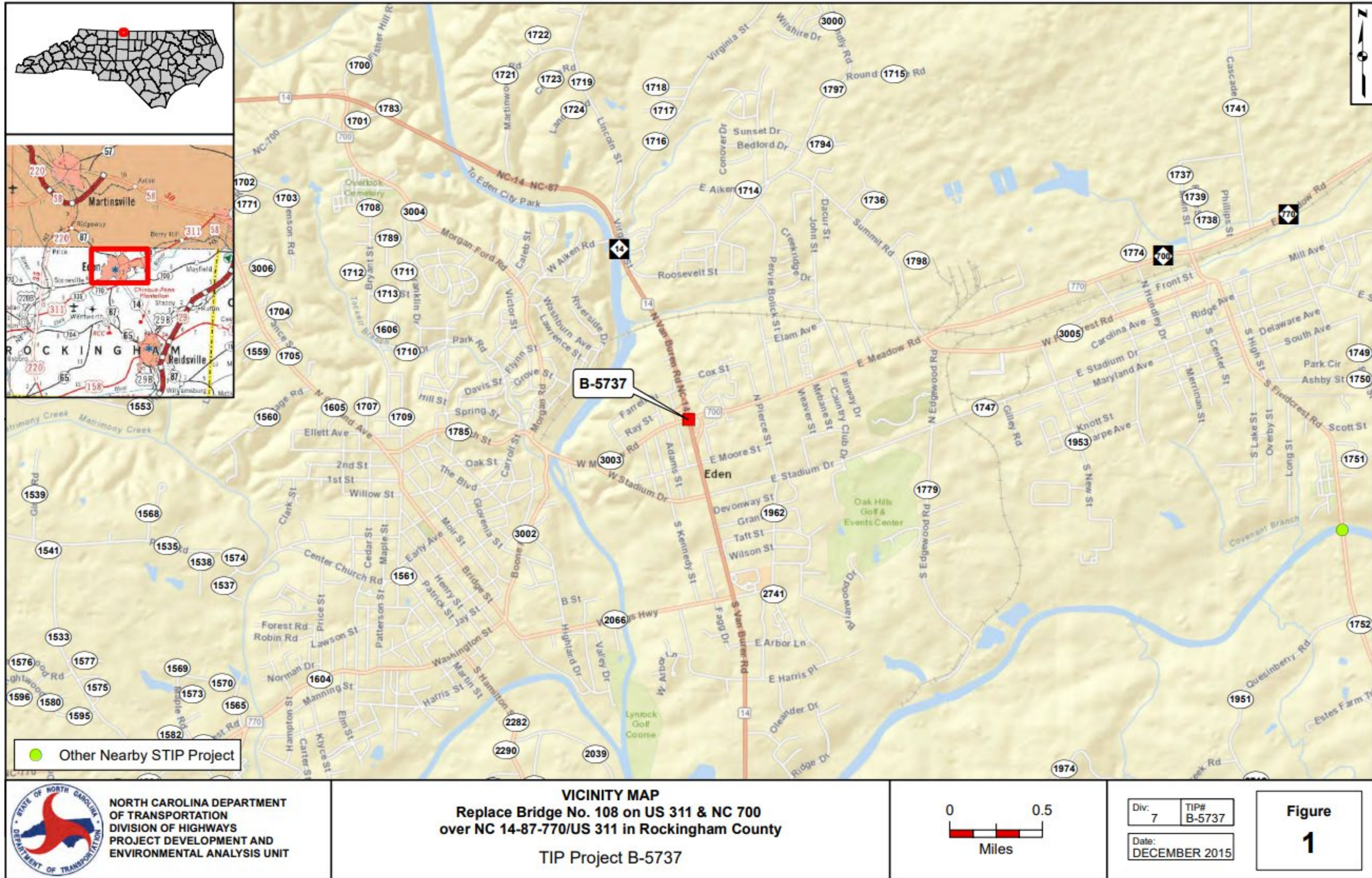
**Rockingham County
Replace Bridge No. 108 on US 311/NC 700
Over US 311/NC 87/NC 770 in the City of Eden
WBS No. 45693.1.1
TIP No. B-5737**


Status for the project commitments as shown in the MCDC are in italics.

Phase II GeoEnvironmental Investigation (NCDOT Division 7 Right of Way)

One (1) site of concern was identified within the project study area as documented in the August 23, 2016 GeoEnvironmental Planning Report (refer to locations of these sites in Figure 3). NCDOT's GeoEnvironmental Unit will conduct a Phase II GeoEnvironmental investigation for the sites of concern anticipated to be impacted by the project. Following the completion of the Phase II investigations, NCDOT GeoEnvironmental will prepare a Right of Way Acquisition Recommendations summary prior to new right of way being acquired. Contaminated soil, underground fuel storage tanks, and ground water monitoring wells in conflict with the project will be removed prior to construction or addressed in a Project Special Provision.

- *This commitment is still valid. Phase II investigation will be performed during Right of Way Acquisition period.*




NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS UNIT

VICINITY MAP
Replace Bridge No. 108 on US 311 & NC 700
over NC 14-87-770/US 311 in Rockingham County
 TIP Project B-5737

0 0.5

 Miles

Div: 7	TIP# B-5737
Date: DECEMBER 2015	

Figure
1