

ePCN

U.S. Army Corps of Engineers (USACE)
NATIONWIDE PERMIT PRE-CONSTRUCTION NOTIFICATION (PCN)

For use of this form, see 33 CFR 330; the proponent agency is CECW-CO-R.

Form Approved -
OMB No. 0710-
0003
Expires: 2027-10-31

DATA REQUIRED BY THE PRIVACY ACT OF 1974

Authority Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Regulatory Program of the Corps of Engineers (Corps); Final Rule 33 CFR 320-332.

Principal Purpose Information provided on this form will be used in evaluating the nationwide permit pre-construction notification.

Routine Uses This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of the agency coordination process.

Disclosure Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can

The public reporting burden for this collection of information, 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PLEASE DO NOT RETURN YOUR RESPONSE TO THE ABOVE EMAIL.

One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see *sample drawings and/or instructions*) and be submitted to the district engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED 10/14/2026	4. DATE APPLICATION COMPLETE
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(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME First – William Middle – A Last – Barrett Company – NCDOT Company Title – E-mail Address – wabarrett@ncdot.gov	8. AUTHORIZED AGENT'S NAME AND TITLE (<i>agent is not required</i>) First – Middle – Last – Company – E-mail Address –
6. APPLICANT'S ADDRESS Address – 1598 Mail Service Center City – Raleigh State – NC ZIP – 27699 Country – US	9. AGENT'S ADDRESS Address – City – State – ZIP – Country –
7. APPLICANT'S PHONE NOS. with AREA CODE a. Business b. c. Fax +19197076103	10. AGENT'S PHONE NOS. with AREA CODE a. b. c. Fax

STATEMENT OF AUTHORIZATION

11. I hereby authorize, to act in my behalf as my agent in the processing of this nationwide permit pre-construction notification and to furnish, upon request, supplemental information in support of this nationwide permit pre-construction notification.

SIGNATURE OF APPLICANT_____
DATE**NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY**12. PROJECT NAME or TITLE (*see instructions*)

NCDOT / BR-0040 / Green River / NC 9 / Polk / Div 14 / WBS 67040.1.1

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY13. NAME OF WATERBODY, IF KNOWN (*if applicable*)14. PROPOSED ACTIVITY STREET ADDRESS (*if applicable*)15. LOCATION OF PROPOSED ACTIVITY (*see instructions*)

Latitude: 35.3341192 °N

Longitude: -82.1846801 °W

Address: 2991 Highway 9 N

City:

Mill Spring

State:

NC

Zip:

28756

16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (*see instructions*)

Section –

Township –

Range –

County – Polk County

Project Area – 23.147985 Acres

State Tax Parcel ID –

17. DIRECTIONS TO THE SITE

On NC 9, adjacent to Lake Adger.

18. IDENTIFY THE SPECIFIC NATIONWIDE PERMIT(S) YOU PROPOSE TO USE

GP 50 - NCDOT - Bridges, Road Widening and Interchanges

19. DESCRIPTION OF PROPOSED NATIONWIDE PERMIT ACTIVITY (*see instructions*)

Proposed replacement of Bridge 740037 on NC 9 over Green River, Polk County.

The lead federal agency is FHWA.

BR-0040 proposes to replace the existing bridge (1@52', 1@52'-7.5", 1@51'-11.5") over the Green River with a 3@75'-0" concrete girder bridge. Additional roadway and drainage improvements will be made upstation/downstation of the proposed bridge.

20. DESCRIPTION OF PROPOSED MITIGATION MEASURES (*see instructions*)

Approximately 100 linear feet of grass swale has been incorporated in roadside ditches, where possible, to reduce the velocity and promote the infiltration of runoff. Riprap at pipe outlets, ditches, and streambanks has been incorporated to minimize erosion on slopes where vegetation will not be adequate. NCDOT standards for ground cover, vegetation, and slope stabilization will be adhered to during the life of this project, and will be specified in the NCDOT Erosion and Sediment Control Plan for the project.

Mitigation is not proposed, as the causeway is temporary and Bank Stabilization is not considered a Loss of Waters.

21. PURPOSE OF NATIONWIDE PERMIT ACTIVITY (*Describe the reason or purpose of the project, see instructions*)

The purpose of this project is to replace a functionally obsolete bridge that meets current NCDOT standards. Bridge No. 740037 was constructed in 1936 and is in need of replacement. Records indicate Bridge No. 740037 has a sufficiency rating of 61.17 out of 100. The bridge is considered functionally obsolete due to a deck geometry rating of 2 out of 9.

Hurricane Helene swept through the western part of the state in late September 2024, causing severe damage to the region. The storm caused extensive damage to the existing bridge, with the bridge approaches completely washed away by floodwaters. However, the bridge has since been repaired and the road is open to the public.

22. QUANTITY OF WETLANDS, STREAMS, OR OTHER TYPES OF WATERS DIRECTLY AFFECTED BY PROPOSED NATIONWIDE PERMIT ACTIVITY

(see instructions)

See Appendix B

Each PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site.

25. List any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity. (see instructions)

26. If the proposed activity will result in the loss of greater than 1/10-acre of wetlands and/or the loss of greater than 3/100-acre of stream bed and requires pre-construction notification, explain how the compensatory mitigation requirement in paragraph (c) and/or paragraph (d) of general condition 23 will be satisfied, or explain why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required for the proposed activity.

27. Is any portion of the nationwide permit activity already complete? ☐ Yes ☒ No

If Yes, describe the completed work:

28. List the name(s) of any species listed as endangered or threatened under the Endangered Species Act that might be affected by the proposed NWP activity or utilize the designated critical habitat that might be affected by the proposed NWP activity. (see instructions)

Gray bat, Monarch butterfly

ADDITIONAL AFFECTED SPECIES:

Bog turtle is listed, but as SAT (Similarity of Appearance, Threatened). This project will utilize the western bat PBO to satisfy Section 7 for gray bat.

USFWS western bat PBO response letter attached.

29. List any historic properties that have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic property or properties. (see instructions)

No archaeological resources were located. The replacement of Bridge No. 37 will, therefore, not impact any significant archaeological resources.

No Adverse Effect was indicated for Historic Properties and Landscapes.

Section 106 Documentation is included in the Supporting Information section.

30. For a proposed NWP activity that will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, identify the Wild and Scenic River or the "study river":

31. If the proposed NWP activity also requires permission from the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or

use a U.S. Army Corps of Engineers federally authorized civil works project, have you submitted a written request for section 408 permission from the Corps district having jurisdiction over that project? ☐ Yes ☒ No

If "yes", please provide the date your request was submitted to the Corps district:

32. If the terms of the NWP(s) you want to use require additional information to be included in the PCN, please include that information in this space or provide it on an additional sheet of paper marked Block 30. (*see instructions*)

33. Pre-construction notification is hereby made for one or more nationwide permit(s) to authorize the work described in this notification. I certify that the information in this pre-construction notification is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

William A Barrett

10/14/2026

SIGNATURE OF APPLICANT

DATE

SIGNATURE OF AGENT

DATE

The pre-construction notification must be signed by the person who desires to undertake the proposed activity (applicant) and, if the statement in Block 11 has been filled out and signed, the authorized agent.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

**Instructions for Preparing a
Department of the Army
Nationwide Permit (NWP) Pre-Construction Notification (PCN)**

Blocks 1 through 4. To be completed by the Corps of Engineers.

Block 5. Applicant's Name. Enter the name and the e-mail address of the responsible party or parties. If the responsible party is an agency, company, corporation, or other organization, indicate the name of the organization and responsible officer and title. If more than one party is associated with the preconstruction notification, please attach a sheet of paper with the necessary information marked Block 5.

Block 6. Address of Applicant. Please provide the full address of the party or parties responsible for the PCN. If more space is needed, attach an extra sheet of paper marked Block 6.

Block 7. Applicant's Telephone Number(s). Please provide the telephone number where you can usually be reached during normal business hours.

Blocks 8 through 11. To be completed, if you choose to have an agent.

Block 8. Authorized Agent's Name and Title. Indicate name of individual or agency, designated by you, to represent you in this process. An agent can be an attorney, builder, contractor, engineer, consultant, or any other person or organization. Note: An agent is not required.

Blocks 9 and 10. Agent's Address and Telephone Number. Please provide the complete mailing address of the agent, along with the telephone number where he / she can be reached during normal business hours.

Block 11. Statement of Authorization. To be completed by the applicant, if an agent is to be employed.

Block 12. Proposed Nationwide Permit Activity Name or Title. Please provide a name identifying the proposed NWP activity, e.g., Windward Marina, Rolling Hills Subdivision, or Smith Commercial Center.

Block 13. Name of Waterbody. Please provide the name (if it has a name) of any stream, lake, marsh, or other waterway to be directly impacted by the NWP activity. If it is a minor (no name) stream, identify the waterbody the minor stream enters.

Block 14. Proposed Activity Street Address. If the proposed NWP activity is located at a site having a street address (not a box number), please enter it in Block 14.

Block 15. Location of Proposed Activity. Enter the latitude and longitude of where the proposed NWP activity is located. Indicate whether the project location provided is the center of the project or whether the project location is provided as the latitude and longitude for each of the "corners" of the project area requiring evaluation. If there are multiple sites, please list the latitude and longitude of each site (center or corners) on a separate sheet of paper and mark as Block 15.

Block 16. Other Location Descriptions. If available, provide the Tax Parcel Identification number of the site, Section, Township, and Range of the site (if known), and / or local Municipality where the site is located.

Block 17. Directions to the Site. Provide directions to the site from a known location or landmark. Include highway and street numbers as well as names. Also provide distances from known locations and any other information that would assist in locating the site. You may also provide a description of the location of the proposed NWP activity, such as lot numbers, tract numbers, or you may choose to locate the proposed NWP activity site from a known point (such as the right descending bank of Smith Creek, one mile downstream from the Highway 14 bridge). If a large river or stream, include the river mile of the proposed NWP activity site if known. If there are multiple locations, please indicate directions to each location on a separate sheet of paper and mark as Block 17.

Block 18. Identify the Specific Nationwide Permit(s) You Propose to Use. List the number(s) of the Nationwide Permit(s) you want to use to authorize the proposed activity (e.g., NWP 29).

Block 19. Description of the Proposed Nationwide Permit Activity. Describe the proposed NWP activity, including the direct and indirect adverse environmental effects the activity would cause. The description of the proposed activity should be sufficiently detailed to allow the district engineer to determine that the adverse environmental effects of the activity will be no more than minimal. Identify the materials to be used in construction, as well as the methods by which the work is to be done.

Provide sketches when necessary to show that the proposed NWP activity complies with the terms of the applicable NWP(s). Sketches usually clarify the activity and result in a quicker decision. Sketches should contain sufficient detail to provide an illustrative description of the proposed NWP activity (e.g., a conceptual plan), but do not need to be detailed engineering plans.

The written descriptions and illustrations are an important part of the application. Please describe, in detail, what you wish to do. If more space is needed, attach an extra sheet of paper marked Block 19.

Block 20. Description of Proposed Mitigation Measures. Describe any proposed mitigation measures intended to reduce the adverse environmental effects caused by the proposed NWP activity. The description of any proposed mitigation measures should be sufficiently detailed to allow the district engineer to determine that the adverse environmental effects of the activity will be no more than minimal and to determine the need for compensatory mitigation or additional mitigation measures.

Block 21. Purpose of Nationwide Permit Activity. Describe the purpose and need for the proposed NWP activity. What will it be used for and why? Also include a brief description of any related activities associated with the proposed project. Provide the approximate dates you plan to begin and complete all work.

Block 22. Quantity of Wetlands, Streams, or Other Types of Waters Directly Affected by the Proposed Nationwide Permit Activity. For discharges of dredged or fill material into waters of the United States, provide the amount of wetlands, streams, or other types of waters filled, flooded, excavated, or drained by the proposed NWP activity. For structures or work in navigable waters of the United States subject to Section 10 of the Rivers and Harbors Act of 1899, provide the amount of navigable waters filled, dredged, or occupied by one or more structures (e.g., aids to navigation, mooring buoys) by the proposed NWP activity.

For multiple NWPs, or for separate and distant crossings of waters of the United States authorized by NWPs 12 or 14, attach an extra sheet of paper marked Block 21 to provide the quantities of wetlands, streams, or other types of waters filled, flooded, excavated, or drained (or dredged or occupied by structures, if in waters subject to Section 10 of the Rivers and Harbors Act of 1899) for each NWP. For NWPs 12 and 14, include the amount of wetlands, streams, or other types of waters filled, flooded, excavated, or drained for each separate and distant crossing of waters or wetlands. If more space is needed, attach an extra sheet of paper marked Block 22.

Block 23. Identify Any Other Nationwide Permit(s), Regional General Permit(s), or Individual Permit(s) Used to Authorize Any Part of Proposed Activity or Any Related Activity. List any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity. For linear projects, list other separate and distant crossings of waters and wetlands authorized by NWPs 12 or 14 that do not require PCNs. If more space is needed, attach an extra sheet of paper marked Block 23.

Block 24. Compensatory Mitigation Statement for Losses of Greater Than 1/10-Acre of Wetlands and/or of Greater Than 3/100-Acre of Stream Bed When Pre-Construction Notification is Required. Paragraphs (c) and (d) of NWP general condition 23 require compensatory mitigation at a minimum one-for-one replacement ratio for all wetland losses that exceed 1/10-acre and/or for all losses of stream bed that exceed 3/100-acre, unless the district engineer determines in writing that either some other form of mitigation is more environmentally appropriate or the adverse environmental effects of the proposed NWP activity are no more than minimal without compensatory mitigation, and provides an activity-specific waiver of this requirement. Describe the proposed compensatory mitigation for wetland losses greater than 1/10 acre and/or for losses of stream bed that exceed 3/100-acre, or provide an explanation of why the district engineer should not require wetland and/or stream compensatory mitigation for the proposed NWP activity. If more space is needed, attach an extra sheet of paper marked Block 24.

Block 25. Is Any Portion of the Nationwide Permit Activity Already Complete? Describe any work that has already been completed for the NWP activity.

Block 26. List the Name(s) of Any Species Listed As Endangered or Threatened under the Endangered Species Act that Might be Affected by the Nationwide Permit Activity. If you are not a federal agency, and if any listed species or designated critical habitat might be affected or is in the vicinity of the proposed NWP activity, or if the proposed NWP activity is located in designated critical habitat, list the name(s) of those endangered or threatened species that might be affected by the proposed NWP activity or utilize the designated critical habitat that might be affected by the proposed NWP activity. If you are a Federal agency, and the proposed NWP activity requires a PCN, you must provide documentation demonstrating compliance with Section 7 of the Endangered Species Act.

Block 27. List Any Historic Properties that Have the Potential to be Affected by the Nationwide Permit Activity. If you are not a Federal agency, and if any historic properties have the potential to be affected by the proposed NWP activity, list the name(s) of those historic properties that have the potential to be affected by the proposed NWP activity. If you are a Federal agency, and the proposed NWP activity requires a PCN, you must provide documentation demonstrating compliance with Section 106 of the National Historic Preservation Act.

Block 28. List the Wild and Scenic River or Congressionally Designated Study River if the Nationwide Permit Activity Would Occur in such a River. If the proposed NWP activity will occur in a river in the National Wild and Scenic River System or in a river officially designated by Congress as a "study river" under the Wild and Scenic Rivers Act, provide the name of the river. For a list of Wild and Scenic Rivers and study rivers, please visit <http://www.rivers.gov/>.

Block 29. Nationwide Permit Activities that also Require Permission from the Corps Under 33 U.S.C. 408. If the proposed NWP activity also requires permission from the Corps under 33 U.S.C. 408 because it will temporarily or permanently alter, occupy, or use a Corps federal authorized civil works project, indicate whether you have submitted a written request for section 408 permission from the Corps district having jurisdiction over that project.

Block 30. Other Information Required For Nationwide Permit Pre Construction Notifications. The terms of some of the Nationwide Permits include additional information requirements for preconstruction notifications:

- * NWP 3, Maintenance –information regarding the original design capacities and configurations of the outfalls, intakes, small impoundments, and canals.
- * NWP 31, Maintenance of Existing Flood Control Facilities –a description of the maintenance baseline and the dredged material disposal site.
- * NWP 33, Temporary Construction, Access, and Dewatering –a restoration plan showing how all temporary fills and structures will be removed and the area restored to pre project conditions.
- * NWP 44, Mining Activities –if reclamation is required by other statutes, then a copy of the final reclamation plan must be submitted with the pre construction notification.
- * NWP 45, Repair of Uplands Damaged by Discrete Events –documentation, such as a recent topographic survey or photographs, to justify the extent of the proposed restoration.
- * NWP 48, Commercial Shellfish Aquaculture Activities –(1) a map showing the boundaries of the project area, with latitude and longitude coordinates for each corner of the project area; (2) the name(s) of the species that will be cultivated during the period this NWP is in effect; (3) whether canopy predator nets will be used; (4) whether suspended cultivation techniques will be used; and (5) general water depths in the project area (a detailed survey is not required).
- * NWP 49, Coal Remining Activities –a document describing how the overall mining plan will result in a net increase in aquatic resource functions must be submitted to the district engineer and receive written authorization prior to commencing the activity.
- * NWP 50, Underground Coal Mining Activities –if reclamation is required by other statutes, then a copy of the reclamation plan must be submitted with the pre construction notification.

If more space is needed, attach an extra sheet of paper marked Block 30.

Block 31. Signature of Applicant or Agent. The PCN must be signed by the person proposing to undertake the NWP activity, and if applicable, the authorized party (agent) that prepared the PCN. The signature of the person proposing to undertake the NWP activity shall be an affirmation that the party submitting the PCN possesses the requisite property rights to undertake the NWP activity (including compliance with special conditions, mitigation, etc.).

DELINEATION OF WETLANDS, OTHER SPECIAL AQUATIC SITES, AND OTHER WATERS

Each PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site. Wetland delineations must be prepared in accordance with the current wetland delineation manual and regional supplement published by the Corps. The permittee may ask the Corps to delineate the special aquatic sites and other waters on the project site, but there may be a delay if the Corps does the delineation, especially if the project site is large or contains many wetlands, other special aquatic sites, and other waters. The 45 day PCN review period will not start until the delineation is submitted or has been completed by the Corps.

DRAWINGS AND ILLUSTRATIONS

General Information.

Three types of illustrations are needed to properly depict the work to be undertaken. These illustrations or drawings are identified as a Vicinity Map, a Plan View or a Typical Cross Section Map. Identify each illustration with a figure or attachment number. For linear projects (e.g. roads, subsurface utility lines, etc.) gradient

drawings should also be included. Please submit one original, or good quality copy, of all drawings on 8½x11 inch plain white paper (electronic media may be substituted). Use the fewest number of sheets necessary for your drawings or illustrations. Each illustration should identify the project, the applicant, and the type of illustration (vicinity map, plan view, or cross section). While illustrations need not be professional (many small, private project illustrations are prepared by hand), they should be clear, accurate, and contain all necessary information.

ADDITIONAL INFORMATION AND REQUIREMENTS

For proposed NWP activities that involve discharges into waters of the United States, water quality certification from the State, Tribe, or EPA must be obtained or waived (see NWP general condition 25). Some States, Tribes, or EPA have issued water quality certification for one or more NWPs. Please check the appropriate Corps district web site to see if water quality certification has already been issued for the NWP(s) you wish to use. For proposed NWP activities in coastal states, state Coastal Zone Management Act consistency concurrence must be obtained, or a presumption of concurrence must occur (see NWP general condition 26). Some States have issued Coastal Zone Management Act consistency concurrences for one or more NWPs. Please check the appropriate Corps district web site to see if Coastal Zone Management Act consistency concurrence has already been issued for the NWP(s) you wish to use.

Appendix B. Aquatic Resource Inventory:

<i>Aquatic Resource Name</i>	<i>State</i>	<i>Cowardin System</i>	<i>Cowardin Class</i>	<i>HGM Class</i>	<i>Local Waterway Name</i>	<i>Measurement Type</i>	<i>Measurement Amount</i>	<i>Measurement Units</i>	<i>Waters Type</i>	<i>Latitude</i>	<i>Longitude</i>
Green River	North Carolina	RIVERIN E	R2UB- RIVERINE, LOWER PEREN, UNCONSOL BOT			Linear	310	FOOT	DELIN.CONC	35.333468 7	-82.185152
UT to Green River / SA	North Carolina	RIVERIN E	R4SB- RIVERINE, INTERMIT, STREAMBE D			Linear	780	FOOT	DELIN.CONC	35.332724 8	-82.184975

Appendix C. Impact Inventory:

<i>Water Name</i>	<i>Impact Name</i>	<i>Activity</i>	<i>Type of Material Being Discharged</i>	<i>Resource Type</i>	<i>Permanent Loss (Y/N)</i>	<i>Impact Duration</i>	<i>Amount Type</i>	<i>Proposed Length</i>	<i>Proposed Width</i>	<i>Proposed Amount</i>	<i>Amount Units</i>
Green River	Site 1 - Rock Causeways	Discharge of fill material	Rock and matting	Other	No	Temporary	Fill Area	101	60	0.139118	Acres
Green River	Site 1 - Bank Stabilization	Discharge of fill material	Riprap	River/Stream	No	Permanent	Fill Area	81	3	0.005579	Acres
Green River	Site 1 - Bank Stabilization	Discharge of fill material	Riprap	River/Stream	No	Temporary	Fill Area	10	3	0.000689	Acres
UT to Green River / SA	Site 2 - Rock Causeway	Discharge of fill material	Rock and matting	River/Stream	No	Temporary	Fill Area	19	5	0.002181	Acres
UT to Green River / SA	Site 2 - Bank Stabilization	Discharge of fill material	Riprap	River/Stream	No	Permanent	Fill Area	8	3	0.000551	Acres
UT to Green River / SA	Site 2 - Bank Stabilization	Discharge of fill material	Riprap	River/Stream	No	Temporary	Fill Area	7	3	0.000482	Acres

Provide any additional information you may have about the proposed quantity of wetlands, streams, or other types of waters directly affected by the proposed activity. This level of detail is helpful to better understand the type of impacts that are proposed for your project.

Green River and UT to Green River are both Class C waters.

The small amount of Rock causeway impact to UT to Green River / SA is the small portion of the main causeway that extends slightly into the UT (SA).

Appendix H. Supporting Information:

<i>Document Type</i>	<i>Document Created Date (YYYY-MM-DD)</i>	<i>Document Label</i>	<i>Information Source/Citation</i>	<i>Uploaded file name</i>
Historic Properties Cultural Resources Information	2026-10-08	BR-0040 Catawba Nation Response	NCDOT	BR-0040 Bridge Replacement-Catawba Indian Nation Response 11192019.pdf
Historic Properties Cultural Resources Information	2026-10-08	BR-0040 Cherokee Nation Response	NCDOT	BR-0040 Bridge Replacement-Cherokee Nation Response 11102019.pdf
Other Information	2026-10-08	BR-0040 CE Checklist	NCDOT	BR-0040 Final CE Checklist-signatures.pdf
Maps Plans Plots or Plats	2026-10-08	BR-0040 Permit Drawings	NCDOT	BR-0040 PermitDrawings.pdf
Historic Properties Cultural Resources Information	2026-10-08	BR-0040 Archaeology Info	NCDOT	BR-0040 Polk 37 No-NRHP Sites Present form.pdf
Historic Properties Cultural Resources Information	2026-10-08	BR-0040 Tribal Coordination Letters	NCDOT	BR-0040 Tribal Coordination Letter - Tribal Letters.pdf
Threatened Endangered Species Report	2026-10-14	BR-0040 USFWS Western Bat PBO Letter	NCDOT	BR-0040 WNC Bat PBO Response Letter Submittal 25.pdf
Historic Properties Cultural Resources Information	2026-10-08	BR-0040 Historic Properties Info	NCDOT	BR-0040_17-12-0043Effectsform.pdf
Other Information	2026-10-08	BR-0040 ROW Consultation Form	NCDOT	BR-0040_FINAL_ROW Consultion Form.pdf
Other Information	2026-10-08	BR-0040 WRC Letter 2019	NCDOT	Brgs2020-22WestDivsSC2018-09.asd.pdf

U.S. Army Corps of Engineers (USACE)

APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT – PARTNER APPENDIX

For use of this form, see 33 CFR 325. The proponent agency is CECW-COR.

AUTHORITIES: The Department of Army Corps of Engineers (Corps) and partner entities have established a joint process for activities impacting jurisdictional waterways that require review and/or approval of both the Corps and its partners. Department of Army permits are required by Section 10 of the Rivers & Harbors Act of 1899 for any structure(s) or work in or affecting navigable waters of the United States and by Section 404 of the Clean Water Act for the discharge of dredged or fill materials into waters of the United States, including adjacent wetlands. This supplemental information is provided to the partner entity along with the standard regulatory forms.

PARTNER INFORMATION

ORGANIZATION: NC Division of Water Resources (DWR)	PARTNER ID:	NAME AND CODE: Form Name: NATIONWIDE/GENERAL/INDIVIDUAL PERMIT - DWR 401 Application Form NC Division of Water Resources Application Information Form Code: NCDWR 401
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In North Carolina, many activities covered by Nationwide and Regional General Permits, as well as Individual Permits, also require a 401 Water Quality Certification from the Division of Water Resources. To streamline the application process for both the U.S. Army Corps of Engineers (USACE) and the North Carolina Division of Environmental Quality (NCDEQ) - Division of Water Resources (DWR), we have collaborated on this joint application form.

This joint application form serves to fulfill reporting requirements for both agencies under Sections 401 and 404 of the Clean Water Act, and Section 10 of the Rivers and Harbor Act of 1899, for specific activities permitted through Nationwide Permits (NWP), Regional General Permits (RGPs), and Individual Permits. The RRS is now the preferred method for submitting application information for these permits.

For questions, please contact the USACE at (910) 251-4633.

The Wilmington District and the North Carolina Department of Environmental Quality (NCDEQ) have collaborated to develop a Joint Permit Application (JPA) within the Regulatory Request System (RRS) for use with Nationwide Permits (NWP) and Regional General Permits (RGP), as well as, Individual Permits. This system functions similarly to previous versions of the Pre-Construction Notification form (also known as e-PCN). The RRS is an online platform that enables applicants to electronically upload and submit all required information to the reviewing agencies.

The RRS JPA fulfills the application and reporting requirements for both the U.S. Army Corps of Engineers (USACE) and NCDEQ for activities authorized under Sections 401 and 404 of the Clean Water Act, as well as Section 10 of the Rivers and Harbors Act of 1899.

Projects that fall within the North Carolina Division of Coastal Management (NCDQM) review area, will need to coordinate their application with NCDQM directly. To learn more, visit the [NCDQM website](<https://www.deq.nc.gov/about/divisions/division-coastal-management>).

USACE/NCDWR Joint Application Form for Nationwide Permits, Regional General Permits, and Individual Permits (along with corresponding Water Quality Certifications)

****PLEASE NOTE: THE SYSTEM IS STILL UNDER DEVELOPMENT, AND DATA CURRENTLY DOES NOT TRANSMIT ELECTRONICALLY TO NCDEQ'S DIVISION OF WATER RESOURCES (DWR). UNTIL FURTHER NOTICE, APPLICANTS MUST SUBMIT COMPLETED RRS JPA DOCUMENTS THROUGH [NCDEQ'S "PROJECT SUBMITTAL INTERIM FORM" WEBSITE](<https://edocs.deq.nc.gov/Forms/Supplemental-Information-Form>).****
[Additional Instructions](<https://edocs.deq.nc.gov/WaterResources/Browse.aspx?dbid=0&startid=3890140>)

SUPPLEMENTAL INFORMATION COLLECTED

ADDITIONAL CONTACT INFORMATION - Property Owner

- Is the owner the same as the applicant?
 - Yes

- Provide Primary Property Owner information
 - Please see the JPA_ContactReport.xlsx to review the provided contact data.
- Provide Additional Property Owner information
 - Please see the JPA_ContactReport.xlsx to review the provided contact data.

PROCESSING INFORMATION -

- Does the project involve maintenance dredging funded by the Shallow Draft Navigation Channel Dredging and Aquatic Weed Fund OR involve the distribution or transmission of energy or fuel (including natural gas, diesel, petroleum, or electricity)?
 - No
- Is this project connected with (American Rescue Plan Act) ARPA funding or S.L. 2023-134 (earmark)?
 - No
- Please select:
 - Not Applicable (Question not presented)
- Please provide the DWI ARPA Funding Project Number (ie: SRP-W-ARP-1234 or SRP-W-134-1234):
 *The DWI Funding Project number can be located on the "Letter of Intent to Fund" (LOIF) or "Offer and Acceptance Letter". If you do not know your DWI project #, please contact your DWI project manager or fund recipient (e.g., LGU).
 - Not Applicable (Question not presented)
- Is this a NC Division of Mitigation Services (NCDMS) Project? Note - Select Yes only if NCDMS is the applicant/co-applicant.
 - No
- Is this project a public transportation project?
 - Yes
- Is this a NC Department of Transportation (NCDOT) project?
 - Yes
- (NCDOT only) T.I.P. (Transportation Improvement Program) or state project number:
 - BR-0040
- (NCDOT only) WBS #
 - 67040.1.1
- Application for NC Division of Water Resources (DWR) Certification.
 Type(s) of approval sought from the DWR? (Select all that apply)
 - 401 Water Quality Certification - Courtesy Copy Only
- Is this a modification OR new project with existing ID?
 - No
- Please provide the DWR ID number.
 - Not Applicable (Question not presented)

- Is the project located in any of NC's twenty coastal counties?
 - No
- Is the project located within a NC Division of Coastal Management (DCM) Area of Environmental Concern (AEC)?
 - Not Applicable (Question not presented)
- Is the project located in a designated trout watershed? [Learn more about Trout](https://www.saw.usace.army.mil/Missions/Regulatory-Permit-Program/Agency-Coordination/Trout.aspx)
 - Yes
- If yes, attach a copy of existing correspondence from the Wildlife Resource Commission Office.
 - Not Applicable (Question not presented)

WATERS DETAILS -

- Name of nearest waterbody? [Surface Water Lookup](https://experience.arcgis.com/experience/7073e9122ab74588b8c48ded34c3df55/)
 - Green River
- Does the proposed activity impact perennial or intermittent streams?
 - Yes
- Please ensure that the Aquatic Resource Inventory section includes all perennial and intermittent streams and be sure to identify them with appropriate Cowardin codes.
(Click the Aquatic Resources Inventory in the menu on the left to navigate to that section.)

Note: Use the Cowardin Code "R2 or R3" for perennial. Use Cowardin Code "R4" for intermittent.
If no code provided, waters will be assumed to be perennial.
 - Not Applicable (Question not presented)

NON-JD IMPACT DETAILS - NOTE: Questions only appear in this section when 'Non-404 Jurisdictional Waters Permit' has been included among the Type(s) of approval sought from the DWR.

- Will the project result in impacts to Non-404 JD waters?
 - Not Applicable (Question not presented)
- Please ensure that the associated Non-404 Jurisdictional Waters have been entered in the Aquatic Resource Inventory section of the Permit Application. Use the Aquatic Resource Type of "DELIN.NOJD-404".
(Click the "Aquatic Resources Inventory" option in the menu on the left to navigate to that section.)
 - Not Applicable (Question not presented)

BUFFER IMPACTS AND MITIGATION SUMMARY - Additional impacts and mitigation not previously covered in this application: Buffers

- Will project occur in an area subject to state riparian buffer regulations?
 - No
- Will project result in any impacts within a protected riparian buffer?
 - Not Applicable (Question not presented)

- Which protected basin(s) is the project located within?
 - Not Applicable (Question not presented)
- Other Protected Basin
 - Not Applicable (Question not presented)
- Are the buffer regulations implemented by a delegated local government?
 - Not Applicable (Question not presented)
- Please specify which local government.
 - Not Applicable (Question not presented)
- Impact Details
 - Please see the JPA_DynamicTableReport.xlsx to review the provided data.
- Total Temporary Buffer Impacts
 - Not Applicable (Question not presented)
- Total Permanent Buffer Impacts
 - Not Applicable (Question not presented)
- Total Combined Buffer Impacts
 - Not Applicable (Question not presented)
- Will the project result in an impact within a protected riparian buffer that requires buffer mitigation?
 - Not Applicable (Question not presented)
- If yes, you must fill out this entire section - please contact DWR for more information.
 Identify the square feet of impact to each zone of the riparian buffer that requires mitigation. Calculate the amount of mitigation required in the table below.
 - Please see the JPA_DynamicTableReport.xlsx to review the provided data.
- How is buffer mitigation proposed to be met?
 - Not Applicable (Question not presented)
- If payment to mitigation bank or NCDMS, attach a valid statement of availability or DMS acceptance letter. OR Attach mitigation plan for review.
 - Not Applicable (Question not presented)

STORMWATER MANAGEMENT PLAN -

- Does this project disturb >1 acre of land?
 - Yes
- Is this an NCDOT project subject to compliance with NCDOT's Individual NPDES permit NCS000250?
 - Yes
- Is this project subject to review and approval under a state post-construction stormwater program (DEMLR) or state-approved local government stormwater program?
 - Not Applicable (Question not presented)

- What entity has reviewed/is reviewing the Stormwater Management Plan?
 - Not Applicable (Question not presented)
- What is the Stormwater Management Plan status?
 - Not Applicable (Question not presented)
- Does this project meet the requirements for low density projects as defined in 15A NCAC 02H.1003(2)? For details on how Low Density Projects are characterized, click the help icon.
 - Not Applicable (Question not presented)
- For low density projects, submit documentation including built-upon area (BUA) delineation, percent BUA calculations, stormwater drainage plan, and designs for vegetated conveyances.
 - Not Applicable (Question not presented)
- For all High Density projects submit a Stormwater Management Plan that includes stormwater control measures for water quality treatment.
 - Not Applicable (Question not presented)

STORMWATER MANAGEMENT IN BUFFERED BASINS - All stormwater generated from high ground within regulated buffer basins must be in compliance with the stormwater management requirements of the applicable buffer rules.

NOTE: Questions only appear in this section when 'Will project occur in an area subject to state riparian buffer regulations?' is answered Yes.

- Does the project comply with the stormwater management requirements of the applicable buffer rules?
 - Not Applicable (Question not presented)
- Please explain why the project does not comply.
 - Not Applicable (Question not presented)

ENVIRONMENTAL DOCUMENTATION -

- Is an environmental document required under NCEPA (01 NCAC 25 .0100)?
 - No
- Has the document review been finalized by the State Clearing House?
 - Not Applicable (Question not presented)
- Comments
 - Not Applicable (Question not presented)
- Attach a copy of the SEPA final approval document.
 - Not Applicable (Question not presented)

VIOLATIONS -

- Is the site in violation of DWR Water Quality Certification Rules (15A NCAC 2H .0500), Isolated Wetland Rules (15A NCAC 2H .1300), or DWR Surface Water or Wetland Standards or Riparian Buffer Rules (15A NCAC 2B .0200)?

- No

- Please explain.

- Not Applicable (Question not presented)

CUMULATIVE IMPACTS -

- Will this project (based on past and reasonably anticipated future impacts) result in additional development?

- No

- Provide a qualitative or quantitative cumulative impact analysis in accordance with the most recent DWR policy. [Learn more about Cumulative Impact Policy](https://files.nc.gov/ncdeq/Water%20Quality/Surface%20Water%20Protection/401/Policies_Guides_Manuals/CumulativeImpactPolicy.pdf)

- Not Applicable (Question not presented)

- If not, provide a short narrative description.

- Due to the minimal transportation impact resulting from this bridge replacement, this project will neither influence nearby land uses nor stimulate growth. Therefore, a detailed indirect or cumulative effects study will not be necessary.

****PLEASE NOTE: THE SYSTEM IS STILL UNDER DEVELOPMENT, AND DATA CURRENTLY DOES NOT TRANSMIT ELECTRONICALLY TO NCDEQ'S DIVISION OF WATER RESOURCES (DWR). UNTIL FURTHER NOTICE, APPLICANTS MUST SUBMIT COMPLETED RRS JPA DOCUMENTS THROUGH [NCDEQ'S "PROJECT SUBMITTAL INTERIM FORM" WEBSITE](<https://edocs.deq.nc.gov/Forms/Supplemental-Information-Form>).****
[Additional Instructions](<https://edocs.deq.nc.gov/WaterResources/Browse.aspx?dbid=0&startid=3890140>)

U.S. Army Corps of Engineers (USACE)

PERMIT INFORMATION SHEET

PERMIT FORM TYPE

ENG 6082

DATE RECEIVED

10/14/2026

TYPE OF PERMIT YOU'RE REQUESTING

☐ Standard ☐ Letter Of Permission ☒ General Permit

APPLICABLE STATUTORY AUTHORITY

☒ Section 404 Clean Water Act ☐ Section 10 Rivers and Harbors Act☐ Section 103 of the Marine Protection, Research, and Sanctuaries Act

DO YOU PROPOSE COMPENSATORY MITIGATIONS?

No

COASTAL DISTRICT

WOULD THE PROJECT OCCUR IN THE TERRITORIAL SEAS OR OCEAN WATERS?

No

DESCRIBE THE ACTIVITY'S RELATIONSHIP TO THE BASELINE FROM WHICH THE TERRITORIAL SEA IS MEASURED

SECTION 408 USACE CIVIL WORKS PROJECTS

WILL THE PROPOSED ACTIVITY REQUIRES PERMISSION FROM THE USACE PURSUANT TO 33 U.S.C. 408 BECAUSE IT WILL ALTER OR TEMPORARILY OR PERMANENTLY OCCUPY OR USE A U.S. ARMY CORPS OF ENGINEERS FEDERALLY AUTHORIZED CIVIL WORKS PROJECT?

☐ Yes ☒ No ☐ I'm not sure

IF YES, HAVE YOU SUBMITTED A WRITTEN REQUEST FOR SECTION 408 PERMISSION FROM THE USACE DISTRICT HAVING JURISDICTION OVER THAT PROJECT?

☐ Yes ☒ No

GENERAL PERMIT INFORMATION

WILL THE PROPOSED ACTIVITY RESULT IN A LOSS TO WETLANDS OR WATERS THAT EXCEEDS NATIONAL OR DISTRICT THRESHOLDS?

No

Project Submittal Interim Form



Updated March 16, 2026

*Please note: fields marked with a red asterisk * below are required. You will not be able to submit the form until all mandatory questions are answered.*

Project Type: *

- | | |
|--|---|
| ☒ For the Record Only (Courtesy Copy) | ☐ New Project |
| ☐ Modification/New Project with Existing ID | ☐ More Information Response |
| ☐ Other Agency Comments | ☐ Pre-Application Submittal |
| ☐ Re-Issuance/Renewal Request | ☐ Stream or Buffer Appeal |

*** If this is a GP reissuance/renewal please reference the date of the plans and PCN that were originally verified.**

New Project - Please check the new project type if you are trying to submit a new project that needs an official approval decision.

Pre-Application Submittal – Please check the pre-application submittal if you just want feedback on your submittal and do not have the expectation that your submittal will be considered a complete application requiring a formal decision.

Modification/New Project With An Existing ID - Please check this box if you are submitting for a new phase of an existing project, a modification to an existing project or for any additional impacts to an existing project for an official approval decision.

More Information Response - Please check this type if you are responding to a request for information from staff and you have an ID# and version for this response.

Other Agency Comments - Please check this if you are submitting comments on an existing project.

Re-issuance/Renewal Request – Please check this if you are submitting for a re-issuance/renewal prior to expiration date for the corresponding 401/404. If submitting after the expiration date or if modification needed use Modification/New Project with Existing ID option.

Submittal Type: *

Application Attachments

Project Contact Information

Name:

Erin Cheely

Who is submitting the information?

Email Address: *

ekcheely@ncdot.gov

Project Information

Project Name: *

NCDOT / BR-0040 / Green River / NC 9 / Polk / Div 14 / WBS 67040.1.1

Is this a public transportation project? *

☒ Yes

☐ No

Is this a DOT project? *

☒ Yes

☐ No

TIP#:

BR-0040

WBS#:

67040.1.1

(Applies to DOT projects only)

Project Status

If you selected "Re-Issuance/Renewal Request" or "Modification/New Project with Existing ID" for your project type at the top of this form, please enter the current status of your project.

☒ Pre-let

☐ Under Construction

☐ Utility Relocation Underway

☐ In-Field Adjustment

Only choose "In-Field Adjustment" if directed to do so by 401 staff

Is this application for a project associated with emergency response/repairs from Hurricane Helene impacts to your project or property? *

☐ Yes ☒ No

Is the project located within a NC DCM Area of Environmental Concern (AEC)? *

☐ Yes ☒ No ☐ Unknown

Does this project involve maintenance dredging funded by the Shallow Draft Navigation Channel Dredging and Aquatic Weed Fund, electric generation projects located at an existing or former electric generating facility, or involve the distribution or transmission of energy or fuel, including natural gas, diesel, petroleum, or electricity? *

☐ Yes ☒ No

Is this project connected with ARPA funding or S.L. 2023-134 (earmark)? *

☐ ARPA ☐ S.L. 2023-134 (earmark) ☒ No

Is this application being filed jointly with another party involved with this project? *

☐ Yes ☒ No

County (ies) *

Polk

Please upload all files that need to be submitted.

[Click the upload button or drag and drop files here to attach document](#)

BR-0040 Bridge Replacement-Cherokee Nation Response 11102019.pdf	215.47KB
BR-0040 Final CE Checklist-signatures.pdf	9.68MB
BR-0040 PermitDrawings.pdf	7.57MB
BR-0040 Polk 37 No-NRHP Sites Present form.pdf	2.56MB
BR-0040 Tribal Coordination Letter - Tribal Letters.pdf	4.45MB
BR-0040 WNC Bat PBO Response Letter Submittal 25.pdf	147.22KB
BR-0040_17-12-0043Effectsform.pdf	3.77MB
BR-0040_FINAL_ROW Consultion Form.pdf	4.05MB
Brgs2020-22WestDivsSC2018-09.asd.pdf	49.91KB
Generated_Cheely_43894_50530_0_Appx_B_Aquatic_Resources.pdf	51.26KB
Generated_Cheely_43894_50530_0_Appx_C_Impacts.pdf	70.24KB
Generated_Cheely_43894_50530_0_Appx_H_Supporting_Files.pdf	52.05KB
Generated_Cheely_43894_50530_0_ENG_6082_PCN.pdf	552.33KB
Generated_Cheely_43894_50530_0_NCDWR 401_JPA_Report.pdf	91.55KB
Generated_Cheely_43894_50530_0_Permit_Additional_Info.pdf	215.78KB
BR-0040 Bridge Replacement-Catawba Indian Nation Response 11192019.pdf	2.87MB

[Only pdf or kmz files are accepted.](#)

Describe the attachments or add comments:

RGP 50 application submitted to USACE via RRS
Courtesy copy for DWR

*

☒ By checking the box and signing box below, I certify that:

- I, the project proponent, hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief.
- I, the project proponent, hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.
- I agree that submission of this online form is a "transaction" subject to Chapter 66, Article 40 of the NC General Statutes (the "Uniform Electronic Transactions Act");
- I agree to conduct this transaction by electronic means pursuant to Chapter 66, Article 40 of the NC General Statutes (the "Uniform Electronic Transactions Act");
- I understand that an electronic signature has the same legal effect and can be enforced in the same way as a written signature; AND
- I intend to electronically sign and submit the online form.

Signature: *



Submittal Date:

10/14/2026

Permit Drawings



North Carolina Department of Transportation

Highway Stormwater Program
STORMWATER MANAGEMENT PLAN

FOR NCDOT PROJECTS



(Version 3.02; Released April 23, 2024)

WBS Element: 67040.1.1 TIP/Proj No: BR-0040 County(ies): Polk Page 1 of 3

General Project Information

WBS Element:	67040.1.1	TIP Number:	BR-0040	Project Type:	Bridge Replacement	Date:	1/13/2025
NCDOT Contact:	Lee Mai	Contractor / Designer:	DRMP / Ryan P. Mitchell, P.E.				
Address:	Project Management Unit			Address:	5808 Faringdon Place		
	1000 Birch Ridge Drive				Suite 100		
	Raleigh, NC 27610				Raleigh, NC 27609		
Phone:	919-707-6314			Phone:	919-872-5115		
Email:	cxmai@ncdot.gov			Email:	rmitchell@drmp.com		
City/Town:	Mill Spring			County(ies):	Polk		
River Basin(s):	Broad			CAMA County?	No		
Wetlands within Project Limits?	No						

Project Description

Project Length (lin. miles or feet):	0.27	Surrounding Land Use:	Undeveloped/Open Land					
Proposed Project		Existing Site						
Project Built-Upon Area (ac.)	1.3	ac.	0.9	ac.				
Typical Cross Section Description:	One (1) 12' travel lane each direction. 2' paved shoulders with grass roadway ditches, both sides, and guardrail where applicable. Expressway gutter or 8' paved shoulders with guardrail in certain sections.							
Annual Avg Daily Traffic (veh/hr/day):	Design/Future:	4110	Year:	2046	Existing:	3746	Year:	2026

General Project Narrative:
(Description of Minimization of Water
Quality Impacts)

BR-0040 proposes to replace the existing bridge (1@52', 1@52'-7.5", 1@51'-11.5") over the Green River with a 3@75'-0" concrete girder bridge. Additional roadway and drainage improvements will be made upstation/downstation of the proposed bridge.

Approximately 100 linear feet of grass swale has been incorporated in roadside ditches, where possible, to reduce the velocity and promote the infiltration of runoff. Riprap at pipe outlets, ditches, and streambanks has been incorporated to minimize erosion on slopes where vegetation will not be adequate. NCDOT standards for ground cover, vegetation, and slope stabilization will be adhered to during the life of this project, and will be specified in the NCDOT Erosion and Sediment Control Plan for the project.

Temporary causeways will be used to remove the existing bridge and construct the proposed bridge.



North Carolina Department of Transportation

Highway Stormwater Program
STORMWATER MANAGEMENT PLAN
FOR NCDOT PROJECTS

(Version 3.02; Released April 23, 2024)

WBS Element: 67040.1.1

TIP/Proj No.: BR-0040

County(ies): Polk

Page 2 of 3

General Project Information

Waterbody Information

Surface Water Body (1):	Green River	NCDWR Stream Index No.:	9-29-(42.5)
NCDWR Surface Water Classification for Water Body	Primary Classification:	Class C	
	Supplemental Classification:	None	
Other Stream Classification:	None		
Impairments:	None		
Aquatic T&E Species?	No	Comments:	
NRTR Stream ID:	N/A	Buffer Rules in Effect:	N/A
Project Includes Bridge Spanning Water Body?	Yes	Deck Drains Discharge Over Buffer?	No
Deck Drains Discharge Over Water Body?	No	(If yes, provide justification in the General Project Narrative)	Dissipator Pads Provided in Buffer?
(If yes, provide justification in the General Project Narrative)			(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)
Surface Water Body (2):		NCDWR Stream Index No.:	
NCDWR Surface Water Classification for Water Body	Primary Classification:		
	Supplemental Classification:		
Other Stream Classification:			
Impairments:			
Aquatic T&E Species?		Comments:	
NRTR Stream ID:		Buffer Rules in Effect:	
Project Includes Bridge Spanning Water Body?		Deck Drains Discharge Over Buffer?	
Deck Drains Discharge Over Water Body?		(If yes, provide justification in the General Project Narrative)	Dissipator Pads Provided in Buffer?
(If yes, provide justification in the General Project Narrative)			(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)
Surface Water Body (3):		NCDWR Stream Index No.:	
NCDWR Surface Water Classification for Water Body	Primary Classification:		
	Supplemental Classification:		
Other Stream Classification:			
Impairments:			
Aquatic T&E Species?		Comments:	
NRTR Stream ID:		Buffer Rules in Effect:	
Project Includes Bridge Spanning Water Body?		Deck Drains Discharge Over Buffer?	
Deck Drains Discharge Over Water Body?		(If yes, provide justification in the General Project Narrative)	Dissipator Pads Provided in Buffer?
(If yes, provide justification in the General Project Narrative)			(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)



**Highway Stormwater Program
STORMWATER MANAGEMENT PLAN
FOR NCDOT PROJECTS**

Page 3 of 3

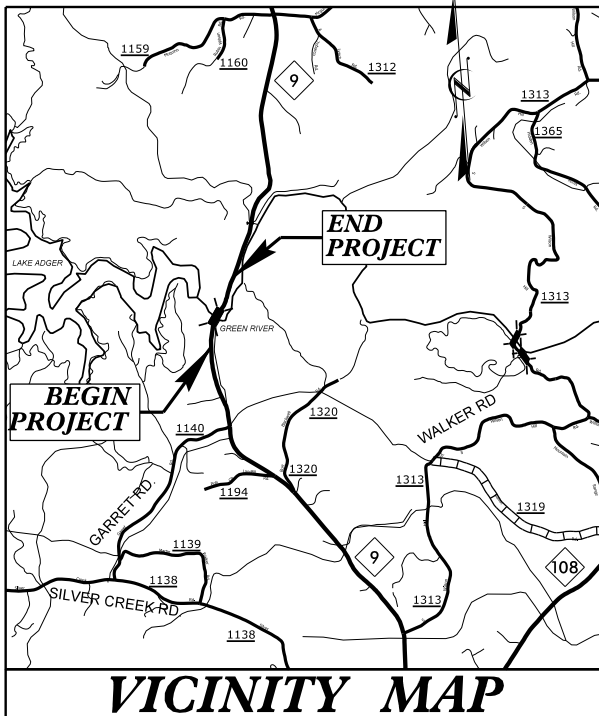
Swale

[illegible]

Additional Comments

05/30/17

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols



VICINITY MAP

NOT TO SCALE

ROW PLANS

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

POLK COUNTY

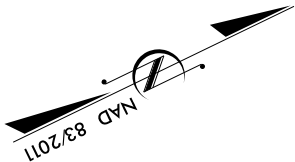
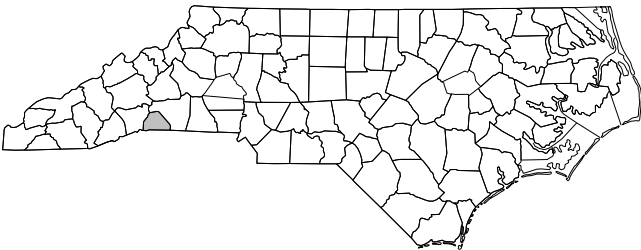
LOCATION: REPLACE BRIDGE NO. 37 ON NC 9
OVER GREEN RIVER

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

WETLAND AND SURFACE WATER IMPACTS PERMIT

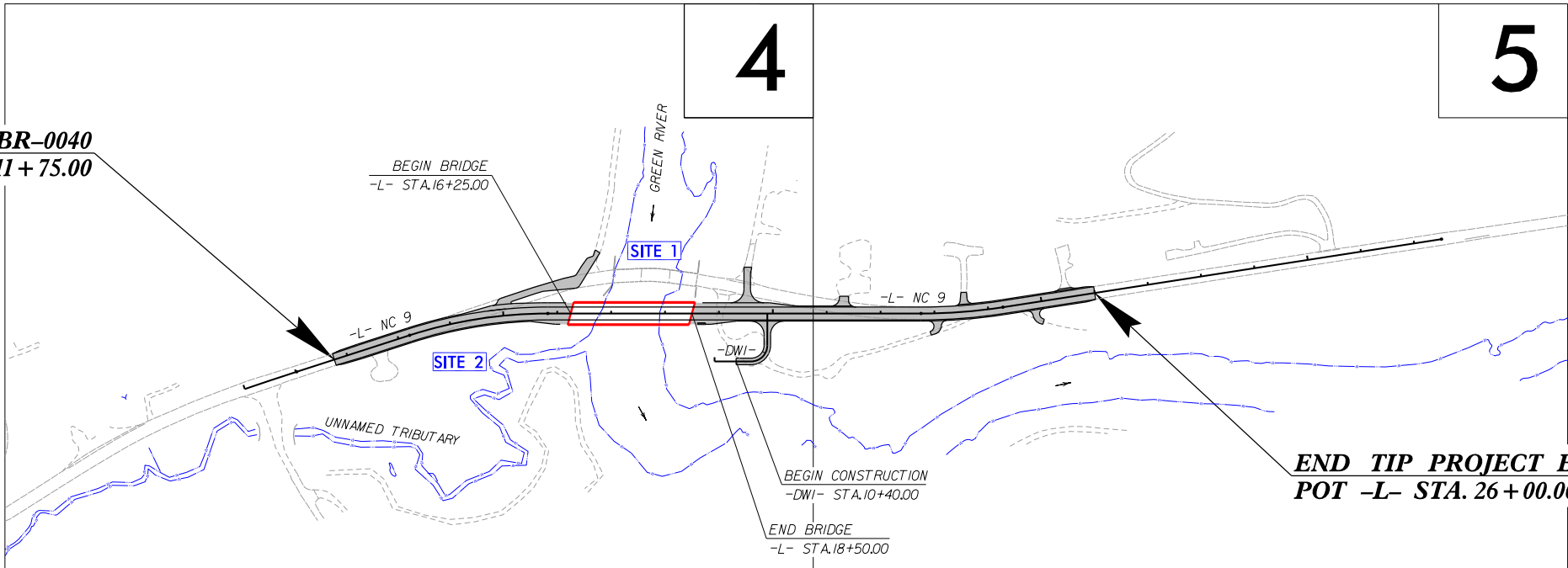
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0040	1	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
67040.1.1	N/A	P.E.	
67040.2.1	N/A	R/W	
67040.2.1	N/A	UTILITIES	

PERMIT DRAWING
SHEET 1 OF 9



BEGIN TIP PROJECT BR-0040
POT -L- STA. 11+75.00

TO MILL SPRING



TO LAKE LURE

END TIP PROJECT BR-0040
POT -L- STA. 26+00.00

THERE IS NO CONTROL OF ACCESS ON THIS PROJECT.

THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES

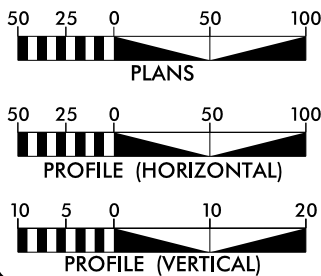
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE
LIMITS ESTABLISHED BY METHOD _____.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CONTRACT:

TIP PROJECT: BR-0040

GRAPHIC SCALES



DESIGN DATA

ADT 2026 = 3,746
ADT 2046 = 4,110
K = 9 %
D = 55 %
T = 5 % *
V = 50 MPH
*(TTST = 1% + DUAL 4%)
FUNC CLASS =
MAJOR COLLECTOR
REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT BR-0040 0.227 MI
LENGTH STRUCTURE TIP PROJECT BR-0040 0.043 MI
TOTAL LENGTH OF TIP PROJECT BR-0040 0.270 MI

PLANS PREPARED BY:

DRMP
ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS

FOR
DIVISION OF HIGHWAYS - PROJECT MANAGEMENT UNIT

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
NOVEMBER 19, 2024

LETTING DATE:
JUNE 16, 2026

CHRISTOPHER K. HAIRE, P.E.
PROJECT ENGINEER

TIMOTHY KLOTZ, P.E.
PROJECT DESIGN ENGINEER

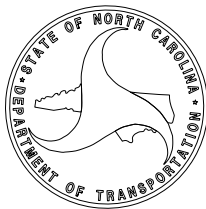
LEE MAI
NCDOT PROJECT MANAGER

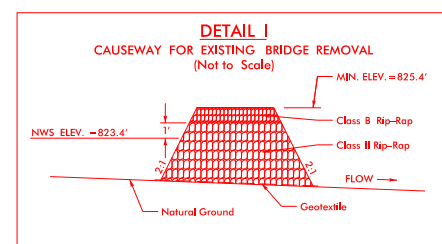
HYDRAULICS
ENGINEER

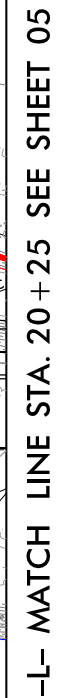
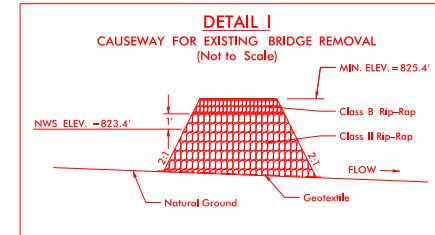
SIGNATURE: _____ P.E.

ROADWAY DESIGN
ENGINEER

SIGNATURE: _____ P.E.

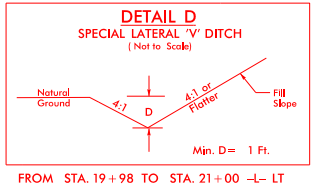




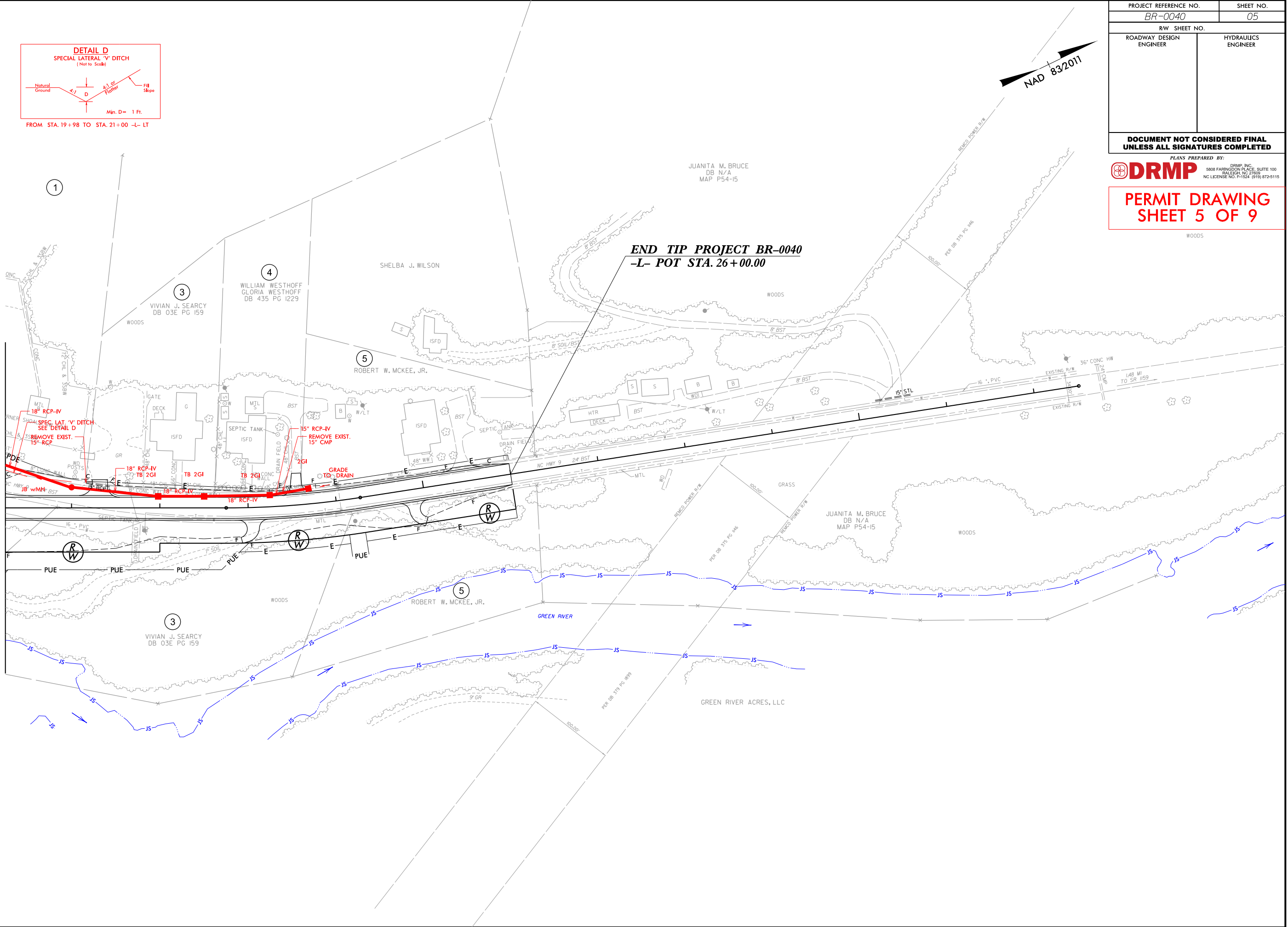


8/17/99

3/25/2025 3:42:21 PM
R:\BR0040\Hydraulics\PERMITS_Environmental\Drawings\BR0040_Hyd_perm_psh05.dgn
Adam Davis



-L- MATCH LINE STA. 20+25 SEE SHEET 04

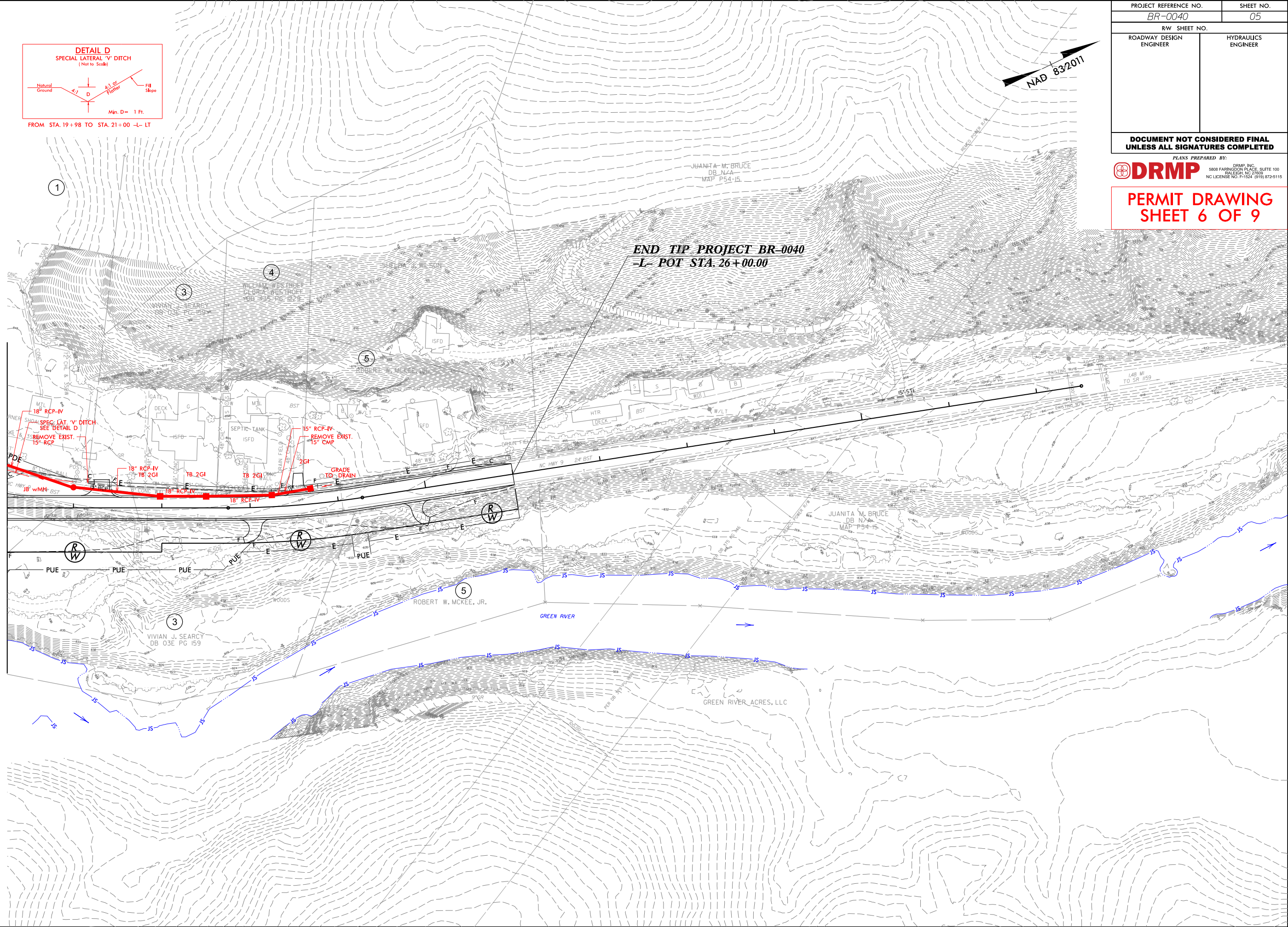
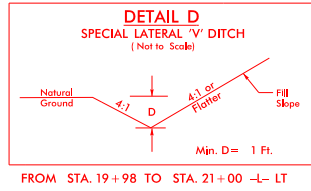


PROJECT REFERENCE NO. <i>BR-0040</i>		SHEET NO. <i>05</i>
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		
PLANS PREPARED BY: DRMP DRMP, INC. 5808 FARMINGTON PLACE, SUITE 100 RALEIGH, NC 27609 NC LICENSE NO. P-1554 (819) 872-6115		
PERMIT DRAWING SHEET 5 OF 9		

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Adam Davis

-L- MATCH LINE STA. 20+25 SEE SHEET 04



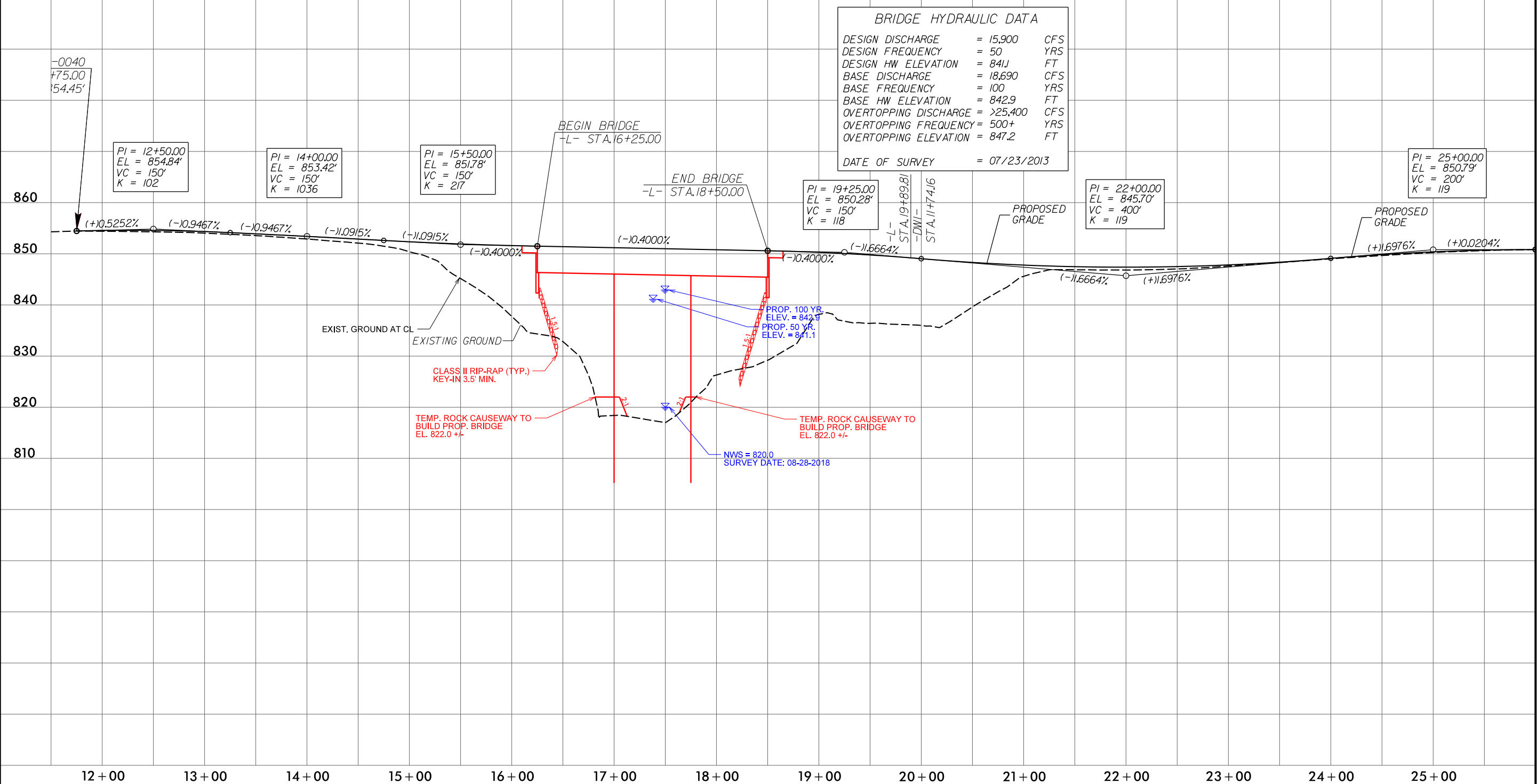
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RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

PLANS PREPARED BY:

DRMP DRMP, INC.
5808 FARMINGTON PLACE, SUITE 100
RALEIGH, NC 27609
NC LICENSE NO. P-1554 (819) 872-6115

PERMIT DRAWING
SHEET 6 OF 9

CAUSEWAY DETAIL FOR PROPOSED BRIDGE

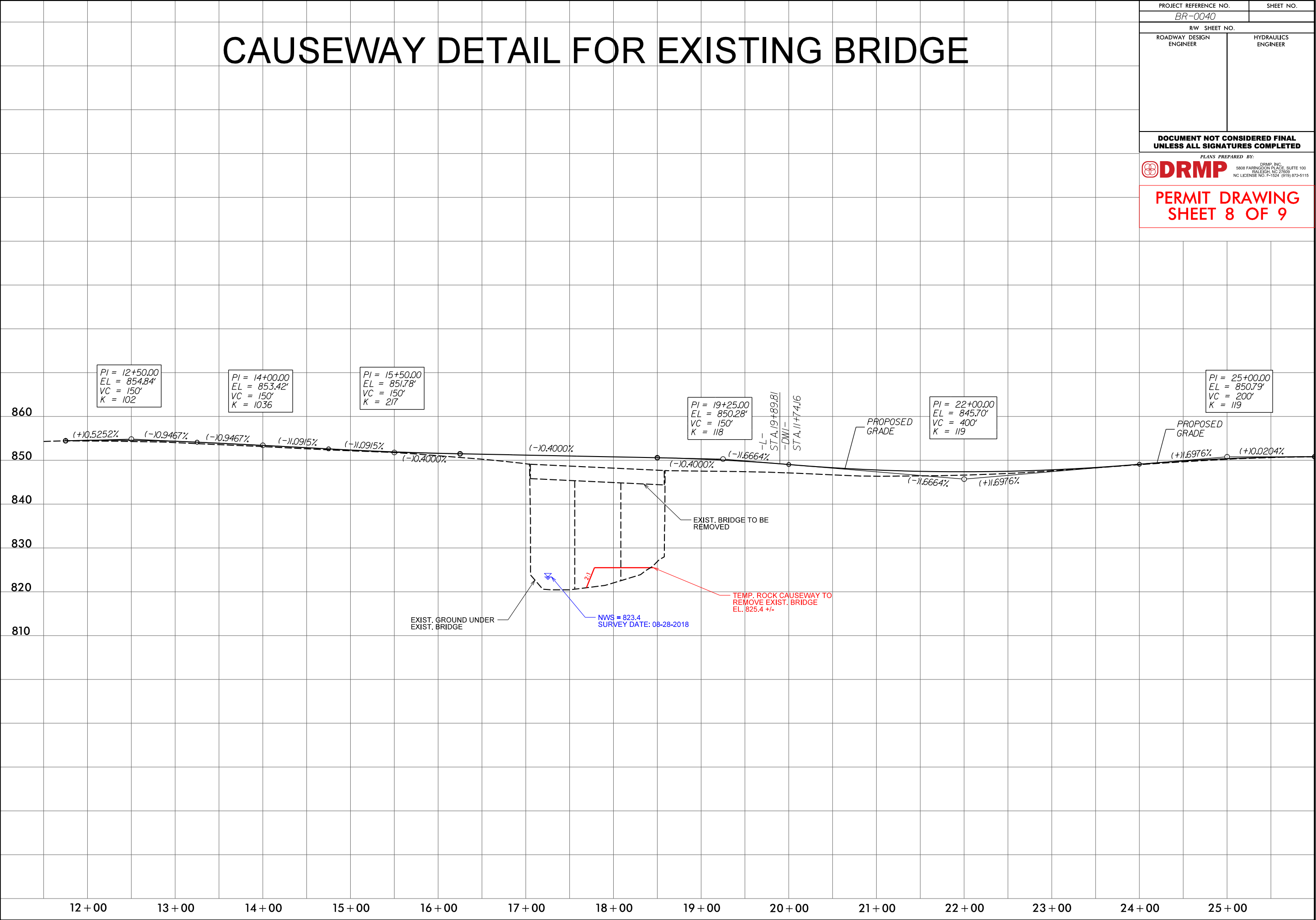


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Adam Davis

CAUSEWAY DETAIL FOR EXISTING BRIDGE

PROJECT REFERENCE NO. <i>BR-0040</i>		SHEET NO.
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		
PLANS PREPARED BY:  DRMP DRMP, INC. 5808 FARMINGTON PLACE, SUITE 100 RALEIGH, NC 27609 NC LICENSE NO. P-1254 (819) 872-6115		
PERMIT DRAWING SHEET 8 OF 9		



WETLAND AND SURFACE WATER IMPACTS SUMMARY

			WETLAND IMPACTS					SURFACE WATER IMPACTS				
Site No.	Station (From/To)	Structure Size / Type	Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	-L- 16+57/18+01	Rock Causeways							0.14		101	
1	-L- 16+94/18+33	Bank Stabilization						0.01	0.08	81	10	
2	-L- 16+42/16+58	Rock Causeway							< 0.01		19	
2	-L- 14+61/14+73	Bank Stabilization						< 0.01	< 0.01	8	7	
TOTALS*:								0.01	0.23	89	137	0

*Rounded totals are sum of actual impacts

NOTES:

Linear impacts on each side of the stream were calculated along centerline of stream to avoid double counting.

Linear permanent impacts supersede linear temporary impacts where the two overlap along stream centerline.

Site 1 impacts are to Green River

Site 2 impacts are to the unnamed tributary (includes a tiny portion of the temporary rock causeway at confluence with Green River)

NC DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

03/25/2025

POLK

BR-0040

67040.1.1

SHEET

9

OF

9

Section 7

ESA



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Asheville Field Office
160 Zillicoa Street Suite B
Asheville, North Carolina 28801



October 13, 2026

Subject: Review Response for Transportation Project(s) Covered by the Western North Carolina Bat Programmatic Biological Opinion

Greetings:

The U.S. Fish and Wildlife Service, Asheville Ecological Services Field Office, has reviewed the projects submitted on October 8 and 12, 2026 for coverage under the Western North Carolina (WNC) Bat Programmatic Biological Opinion (PBO), issued April 1, 2025. Based on the submitted materials and any supplemental information provided, we confirm the projects meet the criteria for coverage under this PBO in accordance with section 7 of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531–1543) (ESA), thus concluding formal consultation for the projects.

This correspondence conveys our review for listed/proposed bats covered by the WNC Bat PBO only. The lead federal agency (Federal Highway Administration (FHWA) or North Carolina Department of Transportation as their designee, or U.S. Army Corps of Engineers) remains responsible for ensuring that any other listed or proposed species and/or designated critical habitat that occurs within the project action area are addressed in accordance with section 7 of the ESA. For other listed species potentially occurring in the action area, if suitable habitat is absent from the action area, “No Effect” determinations are appropriate. For plants, in instances where suitable habitat is present and botanical surveys conducted during the optimal survey window and within the past one or two years (depending on the species) have negative results, we would concur with a biological determination of “may affect, not likely to adversely affect” (NLAA).

Review and concurrence under the WNC Bat PBO are considered complete for the following projects:

Project Title	NCDOT STIP/ID #	USFWS Log #
Bridge 740037 Replacement	BR-0040	18-458
US 74W Interchange Improvements	U-5723	27-101
Bridge 030084 Replacement	BR-0163	27-102

We appreciate the opportunity for review and comment.

Sincerely,

U.S. Fish and Wildlife Service, Asheville Field Office

WRC Letter



⊠ North Carolina Wildlife Resources Commission ⊠

Gordon Myers, Executive Director

September 17, 2018

MEMORANDUM

TO: Carla Dagnino, Western Region Environmental Program Supervisor II
Environmental Analysis Unit, NC Department of Transportation

FROM: Marla Chambers, Western NCDOT Coordinator *Marla Chambers*
Habitat Conservation Program, NCWRC

SUBJECT: Scoping review of NCDOT's proposed 33 bridge replacement projects in NCDOT Divisions 9 through 14; Davidson, Forsyth, Stokes, Mecklenburg, Union, Alleghany, Ashe, Surry, Yadkin, Cleveland, Gaston, Iredell, Lincoln, Buncombe, Burke, Madison, McDowell, Cherokee, Haywood, Macon, and Polk Counties.

North Carolina Department of Transportation has requested comments from the North Carolina Wildlife Resources Commission regarding impacts to fish and wildlife resources resulting from the subject project. Staff biologists have reviewed the information provided. The following preliminary comments are provided in accordance with the provisions of the state and federal Environmental Policy Acts (G.S. 113A-1 through 113-10; 1 NCAC 25 and 42 U.S.C. 4332(2)(c), respectively), the Clean Water Act of 1977 (33 U.S.C. 466 et seq.) and the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661-667d), as applicable.

Our standard recommendations for bridge replacement projects of this scope are as follows:

1. We generally prefer spanning structures. Spanning structures usually do not require work within the stream and do not require stream channel realignment. The horizontal and vertical clearances provided by bridges allows for human and wildlife passage beneath the structure, does not block fish passage, and does not block navigation by canoeists and boaters.
2. Bridge deck drains should not discharge directly into the stream.

3. Live concrete should not be allowed to contact the water in or entering into the stream.
4. If possible, bridge supports (bents) should not be placed in the stream.
5. If temporary access roads or detours are constructed, they should be removed back to original ground elevations immediately upon the completion of the project. Disturbed areas should be seeded or mulched to stabilize the soil and native tree species should be planted with a spacing of not more than 10'x10'. If possible, when using temporary structures, the area should be cleared but not grubbed. Clearing the area with chain saws, mowers, Bush Hogs, or other mechanized equipment and leaving the stumps and root mat intact, allows the area to revegetate naturally and minimizes disturbed soil.
6. A clear bank (riprap free) area of at least 10 feet should remain on each side of the stream underneath the bridge.
7. In trout waters, the Commission reviews all U.S. Army Corps of Engineers nationwide and general '404' permits. We have the option of requesting additional measures to protect trout and trout habitat and we can recommend that the project require an individual '404' permit.
8. In streams that contain threatened or endangered species, Mr. Logan Williams with the NCDOT - ONE should be notified. Special measures to protect these sensitive species may be required. NCDOT should also contact the U.S. Fish and Wildlife Service for information on requirements of the Endangered Species Act as it relates to the project.
9. In streams that are used by anadromous fish, the NCDOT official policy entitled "Stream Crossing Guidelines for Anadromous Fish Passage" (May 12, 1997) should be followed.
10. In areas with significant fisheries for sunfish, seasonal exclusions may also be recommended.
11. Sedimentation and erosion control measures sufficient to protect aquatic resources must be implemented prior to any ground disturbing activities. Structures should be maintained regularly, especially following rainfall events.
12. Temporary or permanent herbaceous vegetation should be planted on all bare soil within 15 days of ground disturbing activities to provide long-term erosion control.
13. All work in or adjacent to stream waters should be conducted in a dry work area. Sandbags, rock berms, cofferdams, or other diversion structures should be used where possible to prevent excavation in flowing water.
14. Heavy equipment should be operated from the bank rather than in stream channels in order to minimize sedimentation and reduce the likelihood of introducing other pollutants into streams.

15. Only clean, sediment-free rock should be used as temporary fill (causeways), and should be removed without excessive disturbance of the natural stream bottom when construction is completed.
16. During subsurface investigations, equipment should be inspected daily and maintained to prevent contamination of surface waters from leaking fuels, lubricants, hydraulic fluids, or other toxic materials.
17. If culvert installation is being considered, conduct subsurface investigations prior to structure design to determine design options and constraints and to ensure that wildlife passage issues are addressed.

If corrugated metal pipe arches, reinforced concrete pipes, or concrete box culverts are used:

1. The culvert must be designed to allow for aquatic life and fish passage. Generally, the culvert or pipe invert should be buried at least 1 foot below the natural streambed (measured from the natural thalweg depth). If multiple barrels are required, barrels other than the base flow barrel should be placed on or near stream bankfull or flood plain bench elevation (similar to Lyonsfield design). These should be reconnected to flood plain benches as appropriate. This may be accomplished by utilizing sills on the upstream end to restrict or divert flow to the base flow barrel. Silled barrels should be filled with sediment so as not to cause noxious or mosquito breeding conditions. Sufficient water depth should be provided in the base flow barrel during low flows to accommodate fish movement. If culverts are longer than 40-50 linear feet, alternating or notched baffles should be installed in a manner that mimics existing stream pattern. This should enhance aquatic life passage: 1) by depositing sediments in the barrel, 2) by maintaining channel depth and flow regimes and 3) by providing resting places for fish and other aquatic organisms. In essence, the base flow barrel should provide a continuum of water depth and channel width without substantial modifications of velocity.
2. If multiple pipes or cells are used, at least one pipe or box should be designed to remain dry during normal flows to allow for wildlife passage.
3. Culverts or pipes should be situated along the existing channel alignment whenever possible to avoid channel realignment. Widening the stream channel must be avoided. Stream channel widening at the inlet or outlet end of structures typically decreases water velocity causing sediment deposition that requires increased maintenance and disrupts aquatic life passage.
4. Riprap should not be placed in the active thalweg channel or placed in the streambed in a manner that precludes aquatic life passage. Bioengineering boulders or structures should be professionally designed, sized, and installed.

In most cases, we prefer the replacement of the existing structure at the same location with road closure. If road closure is not feasible, a temporary detour should be designed and located to avoid wetland impacts, minimize the need for clearing and to avoid destabilizing stream banks.

If the structure will be on a new alignment, the old structure should be removed and the approach fills removed from the 100-year floodplain. Approach fills should be removed down to the natural ground elevation. The area should be stabilized with grass and planted with native tree species. Tall fescue should not be used in riparian areas. If the area that is reclaimed was previously wetlands, NCDOT should restore the area to wetlands. If successful, the site may be used as wetland mitigation for the subject project or other projects in the watershed.

Project specific comments:

1. Davidson County, BR-0015, Bridge No. 67 and 68 over SR 1192 on US 29/US 70/I-85 Business. It appears Michael Branch and one of its unnamed tributaries are in the project area. Michael Branch flows to Swearing Creek, which appears to be on the 303(d) list of impaired waters. Sedimentation control will be important to prevent further degradation. Stringent sedimentation and erosion control measures and standard recommendations should apply.
2. Davidson County, BR-0016, Bridge No. 150 over SR 2123W on US 29/US 70/I-85 Business. We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.
3. Forsyth County, BR-0018, Bridge No. 48 over US 52 on NC 8. Leak Fork is in the project area and flows to Mill Creek and then to Muddy Creek. Muddy Creek is on the 303(d) list of impaired waters. Sedimentation control will be important to prevent further degradation. Stringent sedimentation and erosion control measures and standard recommendations should apply.
4. Stokes County, BR-0047, Bridge No. 10 over US 52 on SR 1105 (Meadowbrook Dr.). We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.
5. Davidson County, B-5765, Bridge No. 115 over Winston Salem SB Railroad on SR 1711. We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.
6. Mecklenburg County, B-5990, Bridge No. 1 over Sugar Creek on SR 1138. Sugar Creek is on the 303(d) list of impaired waters. Sedimentation control will be important to prevent further degradation. Stringent sedimentation and erosion control measures and standard recommendations should apply.
7. Mecklenburg County, B-5983, Bridge No. 54 over the Southern Railroad on NC 160. We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.
8. Mecklenburg County, B-5984, Bridge No. 88 over the Southern Railroad on NC 49. We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.

9. Union County, BR-0049, Bridge No. 34 over US 74 and NC 200 on Concord Avenue. We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.
10. Alleghany County, BR-0001, Bridge No. 30 over Little River on US 21. The Eastern Hellbender (*Cryptobranchus a. alleghaniensis*), a Federal Species of Concern and state Special Concern aquatic salamander that is under review for possible listing as federally Threatened or Endangered, occurs in the project area. This population of hellbenders is one of the best in the New River drainage. Construction and demolition techniques should avoid, if possible, disturbance of the river bed as this animal is vulnerable to being crushed under the rocks. If complete avoidance isn't possible, disturbance should be minimized to the maximum extent practicable and NCDOT should work with our agency to see that appropriate surveys are conducted and hellbenders are relocated prior to construction. No rock-lifting surveys or disturbance of hellbenders should occur after August 15 and through their nesting season (mid-November). We strongly recommend sediment and erosion control measures that adhere to the Design Standards in Sensitive Watersheds to protect the hellbender. The site is popular with Hatchery Supported trout anglers and access to the parking currently used behind businesses adjacent to the bridge should be maintained. Natural trout reproduction is not expected to be significant, therefore, we are not requesting a trout moratorium.
11. Ashe County, BR-0002, Bridge No. 8 over North Fork New River on NC 194. The Eastern Hellbender (*Cryptobranchus a. alleghaniensis*), a Federal Species of Concern and state Special Concern aquatic salamander that is under review for possible listing as federally Threatened or Endangered, occurs in the project area. The status of this population of hellbenders is unknown. Construction and demolition techniques should avoid, if possible, disturbance of the river bed as this animal is vulnerable to being crushed under the rocks. If complete avoidance isn't possible, disturbance should be minimized to the maximum extent practicable and NCDOT should work with our agency to see that appropriate surveys are conducted and hellbenders are relocated prior to construction. No rock-lifting surveys or disturbance of hellbenders should occur after August 15 and through their nesting season (mid-November). We strongly recommend sediment and erosion control measures that adhere to the Design Standards in Sensitive Watersheds to protect the hellbender. Public access should be incorporated into the project plans to provide safe access to public waters, according to the MOA between our agencies. Please contact me for details. Significant trout resources are not expected; therefore, we are not requesting a trout moratorium.
12. Surry County, BR-0048, Bridge No. 103 over the Mitchell River on NC 268. Mitchell River joins the Yadkin River just downstream of the project. The Brook Floater (*Alasmodonta varicosa*), State Endangered and Federal Species of Concern, and the Creeper (*Strophitus undulatus*), State Threatened, are mussel species that occur in the project area or not far downstream. Sedimentation control will be important for this project. Stringent sedimentation and erosion control measures and standard recommendations should apply.
13. Yadkin County, BR-0051, Bridge No. 90 over US 421 on SR 1711 (Speer Bridge Road). We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.

14. Cleveland County, BR-0012, Bridge No. 49 over Sandy Run on US 74 west bound lane. Stringent sedimentation and erosion control measures and standard recommendations should apply.
15. Gaston County, BR-0019, Bridge No. 56 over South Fork Catawba River on NC 275. We request that a small pull-off or parking area, enough for two vehicles to park, be incorporated into the plans for this project for safe public access, in accordance with the MOA between our agencies. Stringent sedimentation and erosion control measures and standard recommendations should apply.
16. Gaston County, BR-0020, Bridge No. 91 over the Catawba River on US 29/US 74. Stringent sedimentation and erosion control measures and standard recommendations should apply.
17. Iredell County, BR-0023, Bridge No. 90 over I-40 on SR 1005. We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.
18. Iredell County, BR-0025, Bridge No. 118 over I-40 on SR 1639. We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.
19. Lincoln County, BR-0027, Bridge No. 30 over NC 150 on US 321 Business. We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.
20. Buncombe County, B-5988, Bridge No. 7 over the French Broad River and Southern Railroad on SR 1620 (Fletcher Martin Road). Significant trout resources are not expected; therefore, we are not requesting a trout moratorium for this project. Stringent sedimentation and erosion control measures and standard recommendations should apply.
21. Buncombe County, BR-0009, Bridge No. 79 over the Broad River on NC 9. Rainbow Trout occur in the project area. A moratorium prohibiting in-stream work and land disturbance within the 25-foot trout buffer is recommended from January 1 to April 15 to protect the egg and fry stages of trout. Sediment and erosion control measures should adhere to the Design Standards in Sensitive Watersheds.
22. Burke County, BR-0010, Bridge No. 105 over Johns River on US 64/NC 18. Johns River is classified WS-IV HQW. A popular Boating Access Area that provides boaters access to the lower Johns River and the Catawba River exists in the project area. Also, NCWRC's Johns River Game Land surrounds the project and a portion of it is a Dedicated Nature Preserve. Impacts to the Boating Access Area and Game Land should be avoided if possible. The MOA between our agencies regarding public access applies. NCDOT should work with our agency to ensure minimal impacts to these facilities. Significant trout resources are not expected; therefore, we are not requesting a trout moratorium for this project. Stringent sedimentation and erosion control measures and standard recommendations should apply.

23. Madison County, B-5992, Bridge No. 71 over Big Laurel Creek on SR 1395 (Walnut Creek Road). The Eastern Hellbender (*Cryptobranchus a. alleghaniensis*), a Federal Species of Concern and state Special Concern aquatic salamander that is under review for possible listing as federally Threatened or Endangered, occurs in the project area. This site is also a research stream for the NC Zoo and our collaborative nest hut project for hellbenders. Construction and demolition techniques should avoid, if possible, disturbance of the river bed as this animal is vulnerable to being crushed under the rocks. If complete avoidance isn't possible, disturbance should be minimized to the maximum extent practicable and NCDOT should work with our agency to see that appropriate surveys are conducted and hellbenders are relocated prior to construction. No rock-lifting surveys or disturbance of hellbenders should occur after August 15 and through their nesting season (mid-November). Rainbow Trout occur in the project area. A moratorium prohibiting in-stream work and land disturbance within the 25-foot trout buffer is recommended from January 1 to April 15 to protect the egg and fry stages of trout. Sediment and erosion control measures should adhere to the Design Standards in Sensitive Watersheds.
24. Madison County, BR-0032, Bridge No. 84 over Meadow Fork on NC 209. Brown and Rainbow Trout occur in the project area. A moratorium prohibiting in-stream work and land disturbance within the 25-foot trout buffer is recommended from October 15 to April 15 to protect the egg and fry stages of trout. Sediment and erosion control measures should adhere to the Design Standards in Sensitive Watersheds.
25. McDowell County, BR-0033, Bridge 84 over I-40 on SR 1234. We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.
26. Cherokee County, BR-0011, Bridge No. 2 over Slow Creek on NC 141. Significant trout resources are not expected; therefore, we are not requesting a trout moratorium for this project. Stringent sedimentation and erosion control measures and standard recommendations should apply.
27. Haywood County, B-5982, Bridge No. 95 over the Southern Railroad on US 74. We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.
28. Haywood County, BR-0022, Bridge Nos. 121 and 122 over NC 209 on US 19/23/74. We are unaware of any waterway in the project area. Stringent sedimentation and erosion control measures and standard recommendations should apply.
29. Macon County, BR-0028, Bridge No. 23 over the Nantahala River on US 64. Brown and Rainbow Trout occur in the project area. A moratorium prohibiting in-stream work and land disturbance within the 25-foot trout buffer is recommended from October 15 to April 15 to protect the egg and fry stages of trout. Sediment and erosion control measures should adhere to the Design Standards in Sensitive Watersheds.
30. Macon County, BR-0029, Bridge No. 26 over Middle Creek on NC 106. Brown and Rainbow Trout occur in the project area. A moratorium prohibiting in-stream work and land disturbance

within the 25-foot trout buffer is recommended from October 15 to April 15 to protect the egg and fry stages of trout. Sediment and erosion control measures should adhere to the Design Standards in Sensitive Watersheds.

31. Macon County, BR-0030, Bridge No. 85 over Cowee Creek on NC 28. Brown and Rainbow Trout occur in the project area. A moratorium prohibiting in-stream work and land disturbance within the 25-foot trout buffer is recommended from October 15 to April 15 to protect the egg and fry stages of trout. Sediment and erosion control measures should adhere to the Design Standards in Sensitive Watersheds.
32. Macon County, BR-0031, Bridge Nos. 226, 227, 228, 229, and 230 over the Nantahala River on SR 1310 (Wayah Road). Brown and Rainbow Trout occur in the project area. A moratorium prohibiting in-stream work and land disturbance within the 25-foot trout buffer is recommended from October 15 to April 15 to protect the egg and fry stages of trout. Sediment and erosion control measures should adhere to the Design Standards in Sensitive Watersheds.
33. Polk County, BR-0040, Bridge No. 37 over the Green River on NC 9. Stringent sedimentation and erosion control measures and standard recommendations should apply.

We request that NCDOT routinely minimize adverse impacts to fish and wildlife resources in the vicinity of bridge replacements. The NCDOT should install and maintain sedimentation control measures throughout the life of the project and prevent wet concrete from contacting water in or entering into these streams. Replacement of bridges with spanning structures of some type, as opposed to pipe or box culverts, is recommended in most cases. Spanning structures allow wildlife passage along streambanks, reducing habitat fragmentation and vehicle related mortality at highway crossings.

If you need further assistance or information on NCWRC concerns regarding bridge replacements, please contact me at marla.chambers@ncwildlife.org or (704) 244-8907. Thank you for the opportunity to review and comment on this project.

Tribal Coordination



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

October 18, 2019

Dr. Wenonah Haire
Tribal Historic Preservation Office
Catawba Indian Nation
1536 Tom Steven Road
Rock Hill, SC 29730

Dear Dr. Haire:

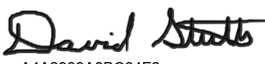
The North Carolina Department of Transportation (NCDOT) is starting the project development, environmental and engineering studies for the replacement of Bridge #740037 on NC 9 over Green River in Polk County, North Carolina. The project is included in the 2018 – 2027 NCDOT State Transportation Improvement Program (STIP) as Project No. BR-0040. A project vicinity map is attached.

The US Army Corps of Engineers (USACE) is the lead federal agency and a Permit is anticipated under the Section 404 Process with the USACE.

We would appreciate any information you might have that would be helpful in evaluating potential environmental impacts of the project including recommendation of alternates to be studied. Your comments may be used in the preparation of a NEPA/SEPA Environmental Document, in accordance with the State and/or National Environmental Policy Act.

Please respond by **Friday, November 18th** so that your comments can be used in the scoping of this project. If you have any questions concerning this project, please contact me at dstutts@ncdot.gov or (919) 707-6442.

Thank you,

DocuSigned by:

A4A2999A8BC64F2...

David Stutts, P.E.

NCDOT Project Engineer - PEF/Program Mgt.

Cc: Matt Wilkerson, NCDOT Archaeology Team Leader
Crystal Amschler, USACE – Division 14



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

October 18, 2019

Elizabeth Toombs
Tribal Historic Preservation Officer
Cherokee Nation
PO Box 948
Tahlequah, OK 74465

Dear Ms. Toombs:

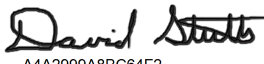
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David Stutts, P.E.

NCDOT Project Engineer - PEF/Program Mgt.

Cc: Matt Wilkerson, NCDOT Archaeology Team Leader
Crystal Amschler, USACE – Division 14



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

October 18, 2019

Russell Townsend
Tribal Historic Preservation Officer
Eastern Band of Cherokee Indians
2077 Governors Island Road
Bryson City, NC 28713

Dear Mr. Townsend:

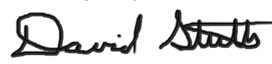
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DocuSigned by:

A4A2999A8BC64F2

David Stutts, P.E.

NCDOT Project Engineer - PEF/Program Mgt.

Cc: Matt Wilkerson, NCDOT Archaeology Team Leader
Crystal Amschler, USACE – Division 14



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

October 18, 2019

LeeAnne Wendt
Muscogee (Creek) Nation
PO Box 580
Okmulgee, OK 74447

Dear Ms. Wendt:

The North Carolina Department of Transportation (NCDOT) is starting the project development, environmental and engineering studies for the replacement of Bridge #740037 on NC 9 over Green River in Polk County, North Carolina. The project is included in the 2018 – 2027 NCDOT State Transportation Improvement Program (STIP) as Project No. BR-0040. A project vicinity map is attached.

The US Army Corps of Engineers (USACE) is the lead federal agency and a Permit is anticipated under the Section 404 Process with the USACE.

We would appreciate any information you might have that would be helpful in evaluating potential environmental impacts of the project including recommendation of alternates to be studied. Your comments may be used in the preparation of a NEPA/SEPA Environmental Document, in accordance with the State and/or National Environmental Policy Act.

Please respond by **Friday, November 18th** so that your comments can be used in the scoping of this project. If you have any questions concerning this project, please contact me at dstutts@ncdot.gov or (919) 707-6442.

Thank you,

DocuSigned by:
A handwritten signature in black ink that reads "David Stutts".

AA2999A8BC64F2...
David Stutts, P.E.

NCDOT Project Engineer - PEF/Program Mgt.

Cc: Matt Wilkerson, NCDOT Archaeology Team Leader
Crystal Amschler, USACE – Division 14



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

October 18, 2019

Eldine Stevens
Tribal Historic Preservation Officer
United Keetoowah Band of Cherokee Indians
PO Box 1245
Tahlequah, OK 74465

Dear Ms. Stevens:

The North Carolina Department of Transportation (NCDOT) is starting the project development, environmental and engineering studies for the replacement of Bridge #740037 on NC 9 over Green River in Polk County, North Carolina. The project is included in the 2018 – 2027 NCDOT State Transportation Improvement Program (STIP) as Project No. BR-0040. A project vicinity map is attached.

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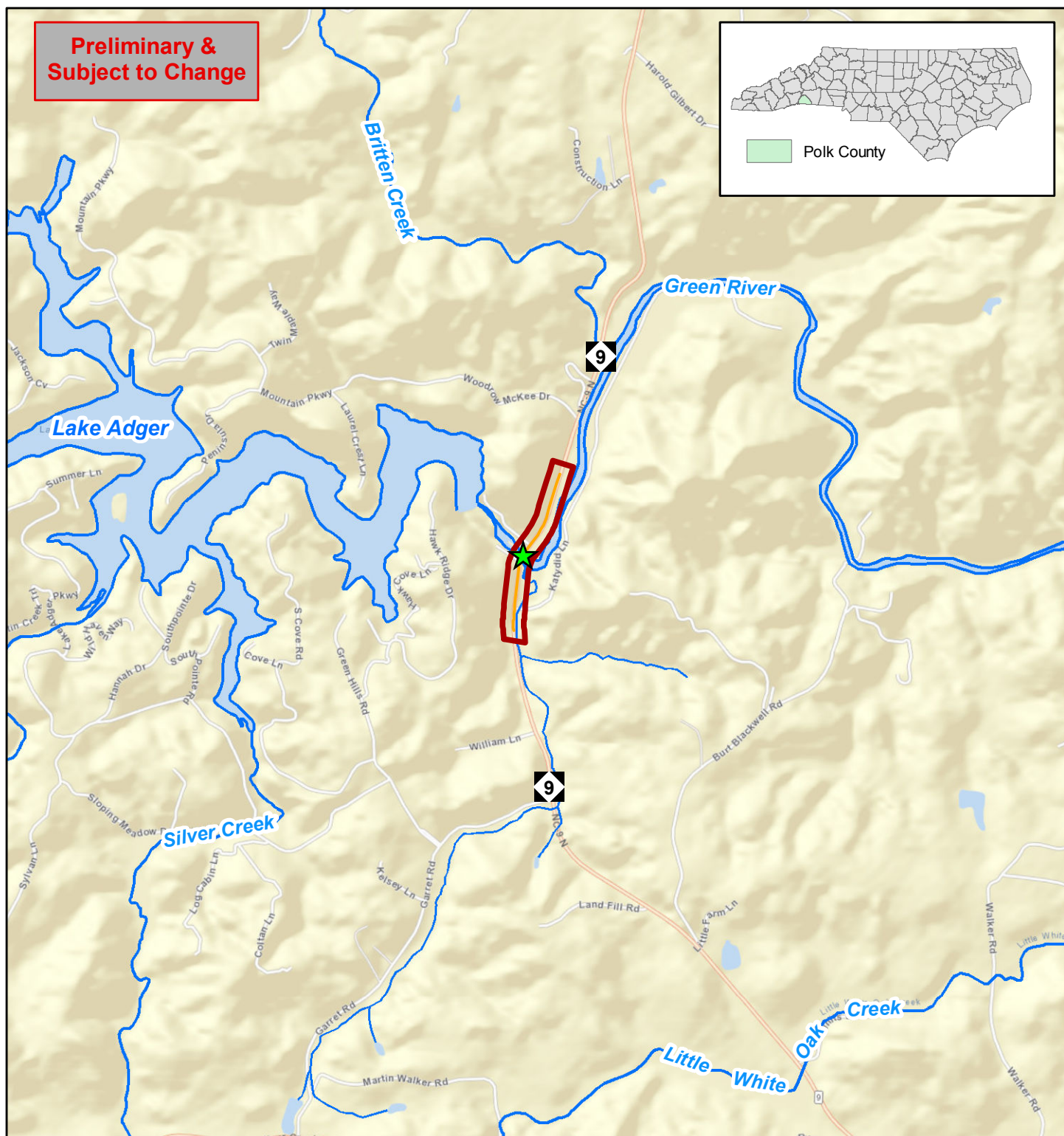
Thank you,

DocuSigned by:
A handwritten signature in black ink that reads "David Stutts".

David Stutts, P.E.

NCDOT Project Engineer - PEF/Program Mgt.

Cc: Matt Wilkerson, NCDOT Archaeology Team Leader
Crystal Amschler, USACE – Division 14



Bridge No. 37

Rivers & Streams



BR-0040 Project Limits



BR-0040 Project Study Area

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

0 0.25 0.5 1 Miles



Catawba Indian Nation
Tribal Historic Preservation Office
1536 Tom Steven Road
Rock Hill, South Carolina 29730

Office 803-328-2427
Fax 803-328-5791



November 19, 2019

Attention: David Stutts
State of NC Dept. of Transportation
1581 Mail Service Center
Raleigh, NC 27699

Re. THPO #	TCNS #	Project Description
2020-193-4		Replacement of Bridge # 740037 on NC 9 over Green River in Polk County, NC BR-0040

Dear Mr. Stutts,

The Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites or Native American archaeological sites within the boundaries of the proposed project areas. **However, the Catawba are to be notified if Native American artifacts and / or human remains are located during the ground disturbance phase of this project.**

If you have questions please contact Caitlin Rogers at 803-328-2427 ext. 226, or e-mail caitlinh@ccppcrafts.com.

Sincerely,

Wenonah G. Haire
Tribal Historic Preservation Officer



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CHEROKEE NATION®
P.O. Box 948 • Tahlequah, OK 74465-0948
918-453-5000 • www.cherokee.org

Office of the Chief

Chuck Hoskin Jr.
Principal Chief

Bryan Warner
Deputy Principal Chief

November 10, 2019

David Stutts
North Carolina Department of Transportation
Structures Management Unit
1581 Mail Service Center
Raleigh, NC 27699

Re: Project BR-0040, Bridge #740037 Replacement

Mr. David Stutts:

The Cherokee Nation (Nation) is in receipt of your correspondence about **Project BR-0040, Bridge #740037 Replacement**, and appreciates the opportunity to provide comment upon this project. Please allow this letter to serve as the Nation's interest in acting as a consulting party to this proposed project.

The Nation maintains databases and records of cultural, historic, and pre-historic resources in this area. Our Historic Preservation Office reviewed this project, cross referenced the project's legal description against our information, and found no instances where this project intersects or adjoins such resources. Thus, the Nation does not foresee this project imparting impacts to Cherokee cultural resources at this time.

However, the Nation requests that the North Carolina Department of Transportation (NCDOT) halt all project activities immediately and re-contact our Offices for further consultation if items of cultural significance are discovered during the course of this project.

Additionally, the Nation requests that NCDOT conduct appropriate inquiries with other pertinent Tribal and Historic Preservation Offices regarding historic and prehistoric resources not included in the Nation's databases or records.

If you require additional information or have any questions, please contact me at your convenience. Thank you for your time and attention to this matter.

Wado,

Elizabeth Toombs, Tribal Historic Preservation Officer
Cherokee Nation Tribal Historic Preservation Office
elizabeth-toombs@cherokee.org
918.453.5389

Historic Architecture,
Archaeology, and NEPA
Document included with
USACE RRS application
submittal