

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

JOSH STEIN

GOVERNOR

J.R. "JOEY" HOPKINS

SECRETARY

September 15, 2025

MEMORANDUM TO: Division Environmental and Construction Units

FROM: Michael A. Turchy, ECAP Group Leader

Environmental Analysis Unit

SUBJECT: Environmental Permits for the Replacement of Bridge 95 over Reedypatch Creek

on SR 1701 (Rock Broad River Road) in Henderson County, Division 14, WBS

DF18314.2045329.

Please find enclosed the following permits for this project:

Agency	Permit Type	Expiration		
US Army Corps of Engineers	Nationwide Permit 3,	N 1 14 2026*		
Section 404 Clean Water Act Permit	Action ID: SAW-2025-01542 Dated September 15, 2025	March 14, 2026*		
NC Division of Water Resources Section 401 Water Quality Certification	Individual Water Quality Certification, ID: 202501044 v1 Dated September 9, 2025	expires with above Permit		

Work is authorized by the above-referenced documents and must be accomplished in strict accordance with the permitted plans.

The Environmental Coordination and Permitting Group (ECAP) or the Division Environmental Office must be consulted if any deviation from the permit(s) or accompanying drawings is required.

*All 404 Nationwide Permits expire on March 14, 2026. Since new Nationwide Permits are not issued until the previous set expires, a one-year period exists between March 14, 2026, and March 14, 2027 to complete construction, or renew the permit under the new Nationwide Permit.

ECAP will coordinate with Division Environmental Staff to determine project completion timelines and initiate the renewal process, if necessary.

Telephone: (919) 707-6000

Customer Service: 1-877-368-4968

Website: www.ncdot.gov

404 Permit (USACE)



DEPARTMENT OF THE ARMY

U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT WRDA TRANSPORTATION BRANCH
69 DARLINGTON AVENUE
WILMINGTON NORTH CAROLINA 28403

September 15, 2025

Regulatory Division SAW-2025-01542

Sent Via email: maturchy@ncdot.gov

NC Department of Transportation Natural Environment Section Mr. Michael Turchy 1598 Mail Service Center Raleigh, NC 27699-1598

Dear Mr. Turchy:

This letter is in response to the Pre-Construction Notification (PCN) you submitted to the Wilmington District, WRDA/Transportation Branch on August 11, 2025, for a Department of the Army Nationwide Permit (NWP) verification. This project has been assigned the file number SAW-2025-01542 and is known as the DF18313.2045329 / Br 95 replacement project. This file number should be referenced in all correspondence concerning this project.

A review of the information provided indicates that the proposed work would include the replacement of a bridge damaged by the Hurricane Helene storm event and would result in the temporary impact to 119 If of stream channel for the work pad/causeway to remove existing bents and construct the new bridge. The project/review area is located where Rock Broad River Road crosses the Broad River, just south of the intersection of Rock Broad River Road and US 64 in Bat Cave, Henderson County, North Carolina, at Latitude 35.449700 and Longitude -82.287800.

We have determined that the proposed work is authorized by NWP 3 pursuant to authorities under Section 404 of the Clean Water Act (33 U.S.C § 1344). The proposed work must be accomplished in strict accordance with the general permit conditions, any regional conditions, the special conditions listed in this letter, the application materials, and the enclosed plans. If the extent of the project area and/or nature of the authorized impacts to waters are modified, a revised PCN must be submitted to this office for written approval before work is initiated. Any violation of permit conditions or deviation from your submitted plans may subject the permittee to enforcement action.

This verification is valid until March 14, 2026, unless prior to this date the subject NWP(s) is suspended, revoked, or is modified such that the activity no longer complies with the terms and conditions of this NWP. If you commence or are under contract to commence this activity before the date that the relevant NWP is modified or revoked,

you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP.

Project Specific Special Conditions:

 In order to avoid and minimize effects to protected bats, NCDOT shall implement commitments as described in the enclosed U.S. Fish and Wildlife Service "Biological and Conference Opinions and Informal Consultations-Batch Format."

This NWP verification does not preclude the necessity to obtain any other Federal, State, or local permits, licenses, and/or certifications, which may be required.

If you have any questions related to this verification or have issues accessing documents referenced in this letter, please contact Crystal Amschler, Project Manager of the WRDA/Transportation Branch at 828-526-6013, by mail at the above address, or by email at crystal.c.amschler@usace.army.mil. Please take a moment to complete our customer satisfaction survey located at https://regulatory.ops.usace.army.mil/customer-service-survey/.

Sincerely,

M. Scott Jones, PWS

WRDA / Transportation Branch Chief

USACE - Wilmington District

Enclosures

U.S. Army Corps of Engineers (USACE)

CERTIFICATION OF COMPLIANCE WITH DEPARTMENT OF THE ARMY PERMIT

For use of this form, see Section 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act of 1899, and Section 103 of the Marine Protection, Research, and Sanctuaries Act; the proponent agency is CECW-COR.

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

The Agency Disclosure Notice (ADN)

The Public reporting burden for this collection of information, 0710-0003, is estimated to average 10 minutes per response, including 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.

PURPOSE: This form is used by recipients of U.S. Army Corps of Engineer Regulatory permits to certify compliance with the permit terms and conditions.

Your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit, you are subject to permit suspension, modification, or revocation.

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the U.S. Army Corps of Engineers, Wilmington District, Regulatory Office.

The certification can be submitted by email at crystal.c.amschler@usace.army.mil or by mail at the below address:

U.S. Army Corps of Engineers Wilmington District Office

Street Address: 151 Patton Ave Rm 208

City: Asheville State: North Carolina Zip Code: 28801

COMPLETED BY THE CORPS										
Corps Action Number:	SAW-202	25-01542								
Permit Type: General Permit										
General Permit Number and Name (if applicable):										
Name of Permittee: Michael Turchy										
Project Name: DF18313.2045329 / Br 95 replacement project										
Project Location (<i>physical address</i>): intersection of Rock Broad River Road and the Broad River, Cave, Henderson County North Carolina										
PERMITTEE'S CERTIFICATION										
Date Work Started:										
Date Work Completed:										
Enclose photographs showing the completed project (if	available)									
I hereby certify that the work authorized by the above referenced permit has been completed in accordance with all of the permit terms and conditions, and that any required compensatory mitigation has been completed in accordance with the permit conditions.										
Name		Date	Signature							

401 Certification (NCDWR)

JOSH STEIN
Governor
D. REID WILSON
Secretary
RICHARD E. ROGERS, JR.
Director



September 9, 2025

DWR # 20251044 Henderson County

North Carolina Department of Transportation Attn: Michael Turchy 1598 Mail Service Center Raleigh, North Carolina, 27699-1598

Delivered via email to: maturchy@ncdot.gov

Subject: Approval of Individual 401 Water Quality Certification

Replacement of Bridge 95 over Reedypatch Creek on SR 1701 (Rock

Broad River Road), WBS DF18313.2045329

Location: 35.4497, -82.2878

Dear Mr. Michael Turchy:

Attached hereto is a copy of Certification No. WQC008147 issued to Michael Turchy and the North Carolina Department of Transportation, dated September 9, 2025. This approval is for the purpose and design described in your application.

This Water Quality Certification does not relieve the Permittee of the responsibility to obtain all other required Federal, State, or Local approvals before proceeding with the project, including those required by, but not limited to, Sediment and Erosion Control, Non-Discharge, Water Supply Watershed, and Trout Buffer regulations.

Upon the presentation of proper credentials, the Division of Water Resources (Division) may inspect the property.

This Water Quality Certification shall expire on the same day as the expiration date of the corresponding Section 404 Permit that is current at the time this Certification is issued. The conditions shall remain in effect for the life of the project, regardless of the expiration date of this Water Quality Certification.

Non-compliance with or violation of the conditions herein set forth may result in revocation of this Water Quality Certification for the project and may also result in criminal and/or civil penalties.



This approval and its conditions are final and binding unless contested [G.S. 143-215.5].

This Certification can be contested as provided in Chapter 150B of the North Carolina General Statutes by filing a Petition for a Contested Case Hearing (Petition) with the North Carolina Office of Administrative Hearings (OAH) within sixty (60) calendar days. Requirements for filing a Petition are set forth in Chapter 150B of the North Carolina General Statutes and Title 26 of the North Carolina Administrative Code. Additional information regarding requirements for filing a Petition and Petition forms may be accessed at https://www.oah.nc.gov or by calling the OAH Clerk's Office at (919) 431-3000.

A party filing a Petition must serve a copy of the Petition on:

Dan Hirschman, General Counsel Department of Environmental Quality 1601 Mail Service Center Raleigh, NC 27699-1601

If the party filing the Petition is not the Permittee, then the party must also serve the recipient of the Certification in accordance with N.C.G.S. 150B-23(a).

This letter completes the Division's review under Section 401 of the Clean Water Act and 15A NCAC 02H .0500. Please contact Amy Annino at 828-296-4668 or amy.annino@deq.nc.gov if you have any questions or concerns.

Sincerely,

Signed by:

—3185423002EA45E... Faith Hardin, Supervisor

401 & Buffer Transportation Permitting Branch

Electronic cc: Crystal Amschler, USACE Asheville Regulatory Field Office

Patrick Breedlove, Division 14 PDEA Engineer

Holland Youngman, USFWS Dave McHenry, NCWRC

DWR 401 & Buffer Permitting Branch Electronic file

Filename: 20251044_Bridge 95, WBS DF18313.2045329_Approval_20250909.docx



NORTH CAROLINA 401 WATER QUALITY CERTIFICATION

CERTIFICATION #WQC008147 is issued in conformity with the requirements of Section 401, Public Laws 92-500 and 95-217 of the United States and subject to North Carolina's Regulations in 15 NCAC 02H .0500 and 15A NCAC 02B .0200, to Mr. Michael Turchy and the North Carolina Department of Transportation, who have authorization for the impacts listed below, as described within your application received by the N.C. Division of Water Resources (Division) on August 11, 2025, with additional information received on August 28, 2025, and by Public Notice issued by the Division on August 11, 2025, and within the *Reasonable Period of Time* pursuant to 40 CFR Part 121.6.

The State of North Carolina certifies that this activity will comply with water quality requirements and the applicable portions of Sections 301, 302, 303, 306, 307 of the Public Laws 92-500 and PL 95-217 if conducted in accordance with the application, the supporting documentation, and conditions hereinafter set forth.

The following impacts are hereby approved. No other impacts are approved, including incidental impacts. [15A NCAC 02H .0506(b)]

Stream Impacts in the French Broad River Basin

Site	Permanent Fill in Perennial Stream (linear feet)	Temporary Fill in Perennial Stream (linear feet)	Total Stream Impact (linear feet)	Stream Impacts Requiring Mitigation (linear feet)		
Site 1: Temporary workpad / Causeway	-	119 linear feet	119 linear feet	0		
Totals:	-	119 linear feet	119 linear feet	0		

Total Stream Impact for Project: 119 linear feet

This approval requires you to follow the conditions listed in the Certification below.

CONDITIONS OF CERTIFICATION [15A NCAC 02H .0507(c)]:

Project Specific Conditions

1. The NCDOT Division Environmental Officer or Environmental Assistant will conduct a preconstruction meeting with all appropriate staff to ensure that the project supervisor and essential staff understand the potential issues with the stream at the permitted site. NCDWR staff shall be invited to the pre-construction meeting. [15A NCAC 02H.0506(b)(2) and (b)(3)]



- 2. The post-construction removal of any temporary bridge structures must return the project site to its preconstruction contours and elevations. The impacted areas shall be revegetated with appropriate native species. [15A NCAC 02H .0506(b)(2)]
- 3. As a condition of this 401 Water Quality Certification, the bridge demolition and construction must be accomplished in strict compliance with the most recent version of NCDOT's Best Management Practices for Construction and Maintenance Activities. [15A NCAC 02H .0507(d)(2) and 15A NCAC 02H .0506(b)(5)]
- 4. Bridge deck drains shall not discharge directly into the stream. Stormwater shall be directed across the bridge and pre-treated through site-appropriate means (grassed swales, pre-formed scour holes, vegetated buffers, etc.) before entering the stream. To meet the requirements of NCDOT's NPDES permit NCS0000250, please refer to the most recent version of the North Carolina Department of Transportation Stormwater Best Management Practices Toolbox manual for approved measures. [15A NCAC 02H .0507(d)(2) and 15A NCAC 02H .0506(b)(5)]
- 5. Bridge piles and bents shall be constructed using driven piles (hammer or vibratory) or drilled shaft construction methods. More specifically, jetting or other methods of pile driving are prohibited without prior written approval from the NCDWR first. [15A NCAC 02H.0506(b)(2)]
- 6. No drill slurry or water that has been in contact with uncured concrete shall be allowed to enter surface waters. This water shall be captured, treated, and disposed of properly. [15A NCAC 02H .0506(b)(3)]
- 7. All bridge construction shall be performed from the existing bridge, temporary work bridges, temporary causeways, or floating or sunken barges. If work conditions require barges, they shall be floated into position and then sunk. The barges shall not be sunk and then dragged into position. Under no circumstances should barges be dragged along the bottom of the surface water. [15A NCAC 02H .0506(b)(3)]

General Conditions

1. Unless otherwise approved in this certification, placement of culverts and other structures in open waters and streams shall be placed below the elevation of the streambed by one foot for all culverts with a diameter greater than 48 inches, and 20 percent of the culvert diameter for culverts having a diameter less than 48 inches, to allow low flow passage of water and aquatic life. Design and placement of culverts and other structures including temporary erosion control measures shall not be conducted in a manner that may result in dis-equilibrium of wetlands or streambeds or banks, adjacent to or upstream and downstream of the above structures. The applicant is required to provide evidence that the equilibrium is being maintained if requested in writing by NCDWR. If this condition is unable to be met due to bedrock or other limiting features encountered during construction, please contact NCDWR for guidance on how to proceed and to determine whether or not a permit modification will be required. [15A NCAC 02H.0506(b)(2)]



- 2. If concrete is used during construction, a dry work area shall be maintained to prevent direct contact between curing concrete and stream water. Water that inadvertently contacts uncured concrete shall not be discharged to surface waters due to the potential for elevated pH and possible aquatic life and fish kills. [15A NCAC 02B.0200]
- 3. For all streams being impacted due to site dewatering activities, the site shall be graded to its preconstruction contours and revegetated with appropriate native species. [15A NCAC 02H.0506(b)(2)]
- 4. During the construction of the project, no staging of equipment of any kind is permitted in waters of the state or protected riparian buffers. [15A NCAC 02H.0506(b)(2)]
- 5. The dimension, pattern and profile of the stream above and below the crossing shall not be modified. Disturbed floodplains and streams shall be restored to natural geomorphic conditions. [15A NCAC 02H.0506(b)(2)]
- 6. The use of rip-rap above the Normal High Water Mark shall be minimized. Any rip-rap placed for stream stabilization shall be placed in stream channels in such a manner that it does not impede aquatic life passage. [15A NCAC 02H.0506(b)(2)]
- 7. The Permittee shall ensure that the final design drawings adhere to the permit and to the permit drawings submitted for approval. [15A NCAC 02H .0507 (c) and 15A NCAC 02H .0506 (b)(2) and (c)(2)]
- 8. All work in or adjacent to stream waters shall be conducted in a dry work area. Approved BMP measures from the most current version of NCDOT Construction and Maintenance Activities manual such as sandbags, rock berms, cofferdams and other diversion structures shall be used to prevent excavation in flowing water. [15A NCAC 02H.0506(b)(3) and (c)(3)]
- Heavy equipment shall be operated from the banks rather than in the stream channel in order to minimize sedimentation and reduce the introduction of other pollutants into the stream.
 [15A NCAC 02H.0506(b)(3)]
- 10. All mechanized equipment operated near surface waters must be regularly inspected and maintained to prevent contamination of stream waters from fuels, lubricants, hydraulic fluids, or other toxic materials. [15A NCAC 02H.0506(b)(3)]
- 11. No rock, sand or other materials shall be dredged from the stream channel except where authorized by this certification. [15A NCAC 02H.0506(b)(3)]



- 12. Discharging hydroseed mixtures and washing out hydroseeders and other equipment in or adjacent to surface waters is prohibited. [15A NCAC 02H.0506(b)(3)]
- 13. The permittee and its authorized agents shall conduct its activities in a manner consistent with State water quality standards (including any requirements resulting from compliance with §303(d) of the Clean Water Act) and any other appropriate requirements of State and Federal law. If the NCDWR determines that such standards or laws are not being met (including the failure to sustain a designated or achieved use) or that State or federal law is being violated, or that further conditions are necessary to assure compliance, the NCDWR may reevaluate and modify this certification. [15A NCAC 02B.0200]
- 14. All fill slopes located in jurisdictional wetlands shall be placed at slopes no flatter than 3:1, unless otherwise authorized by this certification. [15A NCAC 02H.0506(b)(2)]
- 15. A copy of this Water Quality Certification shall be maintained on the construction site at all times. In addition, the Water Quality Certification and all subsequent modifications, if any, shall be maintained with the Division Engineer and the on-site project manager. [15A NCAC 02H .0507(c) and 15A NCAC 02H .0506 (b)(2) and (c)(2)]
- 16. The outside buffer, wetland or water boundary located within the construction corridor approved by this authorization, including all non-commercial borrow and waste sites associated with the project, shall be clearly marked by highly visible fencing prior to any land disturbing activities. Impacts to areas within the fencing are prohibited unless otherwise authorized by this certification. [15A NCAC 02H.0501 and .0502]
- 17. The Permittee shall report any violations of this certification to the Division of Water Resources within 24 hours of discovery. [15A NCAC 02B.0506(b)(2)]
- 18. Upon completion of the project (including any impacts at associated borrow or waste sites), the NCDOT Division Engineer (or whomever is the authorized agent if a non-NCDOT project) shall complete and return the "Certification of Completion Form" to notify the NCDWR when all work included in the 401 Certification has been completed. [15A NCAC 02H.0507]
- 19. Native riparian vegetation (i.e., herbaceous, trees, and shrubs native to your geographic region) must be reestablished in the riparian areas within the construction limits of the project by the end of the growing season following completion of construction. [15A NCAC 02B.0506(b)(2)]
- 20. There shall be no excavation from, or waste disposal into, jurisdictional wetlands or waters associated with this permit without appropriate modification. Should waste or borrow sites, or access roads to waste or borrow sites, be located in wetlands or streams, compensatory mitigation will be required since that is a direct impact from road construction activities. [15A]



NCAC 02H.0506(b)(3) and (c)(3)]

- 21. Erosion control matting that incorporates plastic mesh and/or plastic twine shall not be used along streambanks or within jurisdictional wetlands. [15A NCAC 2H.0506; 15A NCAC 2H.0507]
- 22. Erosion and sediment control practices must be in full compliance with all specifications governing the proper design, installation and operation and maintenance of such Best Management Practices in order to protect surface waters standards [15A NCAC 02H.0506(b)(3)]:
 - a. The erosion and sediment control measures for the project must be designed, installed, operated, and maintained in accordance with the most recent version of the North Carolina Sediment and Erosion Control Planning and Design Manual.
 - b. The design, installation, operation, and maintenance of the sediment and erosion control measures must be such that they equal, or exceed, the requirements specified in the most recent version of the North Carolina Sediment and Erosion Control Manual. The devices shall be maintained on all construction sites, borrow sites, and waste pile (spoil) projects, including contractor-owned or leased borrow pits associated with the project.
 - c. For borrow pit sites, the erosion and sediment control measures must be designed, installed, operated, and maintained in accordance with the most recent version of the North Carolina Surface Mining Manual.
 - d. The reclamation measures and implementation must comply with the reclamation in accordance with the requirements of the Sedimentation Pollution Control Act.
- 23. Sediment and erosion control measures shall not be placed in wetlands or surface waters without prior approval from DWR. [15A NCAC 02H.0506(b)(3)]
- 24. DWR approves the stormwater drainage design as shown in the 401 application, under the assumption that it meets the requirements of the NCDOT NPDES permit #NCS000250. These plans are enforceable by DWR. Changes to the approved plans are prohibited without prior approval from DWR. If sediment or other pollutants are found to be discharged from the stormwater outfalls, DWR may take enforcement action. NCDOT and DWR shall assess the damage to water quality standards and implement an appropriate action plan to address the impacts. The action plan shall provide an appropriate timeline for implementation as agreed upon by both DWR and NCDOT. This may require NCDOT to obtain a modification to its current 401 and 404 permits.



Replacement of Bridge 95 DWR# 20251044 Individual Certification #WQC008147 Page 8 of 8

This Water Quality Certification shall expire on the same day as the expiration date of the corresponding Section 404 Permit that is current at the time this Certification is issued. The conditions shall remain in effect for the life of the project, regardless of the expiration date of this Water Quality Certification.

This, the 9th day of September 2025

Signed by:

Faith Hardin

Faith Hardin, Supervisor

401 & Buffer Transportation Permitting Branch

Permitted Drawings



North Carolina Department of Transportation

Highway Stormwater Program



STORMWATER MANAGEMENT PLAN Version 3.02; Released April 23, 2024) FOR NCDOT PROJECTS WBS Element: DF18314.2045329 TIP/Proj No: County(ies): Henderson Page **General Project Information** WBS Element: DF18314.2045329 TIP Number: Project Type: Bridge Replacement Date: 3/31/2025 NCDOT Contact: Zachary Shuler, PE Contractor / Designer: Edward Vance, PE Address: 345 Toot Hallow Road Address: 3600 Arco Corporate Drive, Suite 135 Bryson City, NC 28713 Charlotte, NC 28273 Phone: 828-488-0902 Phone: 704-287-9684 Email: eddie.vance@carolina-tea.com Email: ztshuler@ncdot.gov City/Town: Bat Cave, NC County(ies): Henderson River Basin(s): Broad CAMA County? No Wetlands within Project Limits? No **Project Description** Project Length (lin. miles or feet): Surrounding Land Use: Mountainous, Rural Development 390 feet **Existing Site Proposed Project** Project Built-Upon Area (ac.) Typical Cross Section Description: 2 - 10' paved lanes with 3' grass shoulders without guardrail; 7' grass shoulders with 2 - 9' Lanes Gravel (18' wide total) Annual Avg Daily Traffic (veh/hr/day): Design/Future: 238 Year: 2045 Existing: 160 Year: 2025 General Project Narrative: This project is an emergency replacement of Henderson County Bridge #095 due to Hurricane Helene over Reedypatch Creek in Bat Cave, NC. The project is on Rock Broad River (Description of Minimization of Water Road (SR-1701) and the bridge is located approximately 700' upstream of the confluence with the Broad River. The drainage area for Reedypatch Creek at the crossing is 12.3 square miles and is located within a FEMA regulated floodplain; the site is in a "Limited" Detailed Flood Study Zone. Quality Impacts) The existing 2-span, 66-feet long bridge is being replaced with a single span 70-feet at a 15-degree skew and vertical abutments. The new bridge is shifted 15-feet downstream to allow for stage construction. No concentrated stormwater runoff will discharge directly into Reedypatch Creek which is classified as a Trout Stream. The roadway embankments will be stablized with Class-II Riprap.



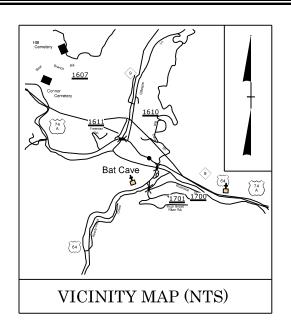
North Carolina Department of Transportation



Highway Stormwater Program STORMWATER MANAGEMENT PLAN

(Version 3.02; Released Ap	oril 23, 2024)			FOR NCDOT F	PROJECTS							
WBS Element:	DF18314.2045329	TIP/Proj No.:		County(ies):	Henderson			Page	2		of	2
				General Project	Information							
				Waterbody Inf	ormation							
Surface Water Body (1):		Reedy Pa	tch Creek	NCDWR Stream Inc	dex No.:		9-15				
NCDWP Surface Wate	or Classification for	r Water Body		Primary Classification:	Class C							
NODWIN Surface Wate	er Classification for	Water Body		Supplemental Classification:	Trout Water	s (Tr)						
Other Stream Classifi	Classification: None											
Impairments:		unknown	causes									
Aquatic T&E Species	?	No	Comments:				=					
NRTR Stream ID:		N/A			Buffer Rules in Effect:			N	I/A			
Project Includes Bridge	ge Spanning Water	Body?	Yes			N/A						
Deck Drains Discharge Over Water Body? (If yes, provide justification in the General Project Narrative)		No	(If yes, provide justification in	the General Project I	(If yes, describe in the General Project Narrative; if no, justify in the							
(If yes, provide	e justification in the 0	General Project Na	rrative)				Gene	eral Project Nar	rative)			
Surface Water Body (2):				NCDWR Stream In	dex No.:						
NCDWD Surface Water Classification for Water Body			Primary Classification:									
NCDWR Surface water classification for water Body		Supplemental Classification:										
Other Stream Classifi	cation:											
Impairments:												
Aquatic T&E Species	Arrace Water Classification for Water Body Arrace Water Classification for Water Body Arrace Water Classification for Water Body? Arrace Water Classification for Water Body Arrace Water Classification for Water Body? Arrace Water Classification in the General Project Narrative) Buffer R Arrace Water Classification for Water Body? Arrace Water Body?											
NRTR Stream ID:	Supplemental Classification: Mone											
Project Includes Brid	ge Spanning Water	Body?		Deck Drains Discharge Over Bu	iffer?							
Deck Drains Discharg	e Over Water Body	_/ ?		(If yes, provide justification in	the General Project I	Varrative)	(If yes, describe in the General Project Narrative; if no, justify in the					the
(If yes, provide	e justification in the 0	General Project Na	rrative)				Gene	eral Project Nar	rative)			
roject Includes Bridge Spanning Water Body? eck Drains Discharge Over Water Body? (If yes, provide justification in the General Project Narrative) urface Water Body (3):					NCDWR Stream Inc	dex No.:						
NCDWD Curfood Water	or Classification fo	- Water Bady		Primary Classification:								
NCDWK Surface water	er Classification for	r water body		Supplemental Classification:								
Other Stream Classifi	cation:											
Impairments:												
Aquatic T&E Species	?		Comments:									
NRTR Stream ID:							Buffer Rules in Effect:					
mpairments: Aquatic T&E Species? Com				Deck Drains Discharge Over Bu	iffer?		Dissipator Pads Provided	in Buffer?				
	 					Narrative)	(If yes, describe in the General Project Narrative; if no, justify in the					
(If yes, provide justification in the General Project Narrative)				General Project Narrative)								

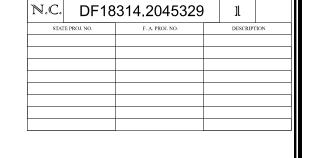
JNTKACT:



STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

HENDERSON COUNTY

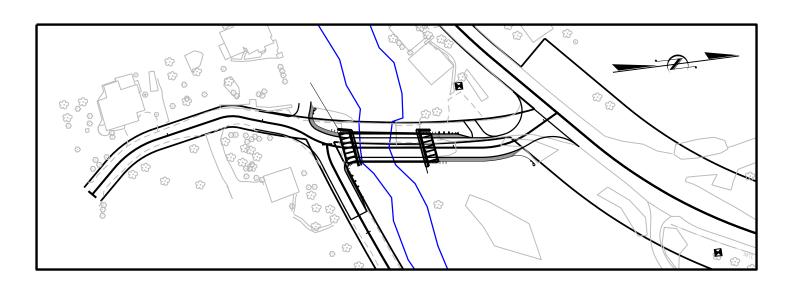
LOCATION: BRIDGE #440095 ON SR 1701 (ROCK BROAD RIVER ROAD) OVER REEDYPATCH CREEK TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE



WETLAND AND SURFACE WATER IMPACTS 03-04-2025

> PERMIT DRAWING SHEET 1 OF 5





PROFILE (HORIZONTAL) PROFILE (VERTICAL)

$DESIGN\ DATA$

ADT 2025 = 160

V = 20 MPH

FUNC CLASS = LOCAL SUBREGIONAL TIER

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT DF18314.2045329 = 0.044 MILES

LENGTH OF STRUCTURE TIP PROJECT DF18314.2045329 = 0.014 MILE

TOTAL LENGTH OF TIP PROJECT DF18314.2045329 =0.058 MILES

Carolina TEA
Carolina Transportation Engineers & Associates, PC

2024 STANDARD SPECIFICATIONS

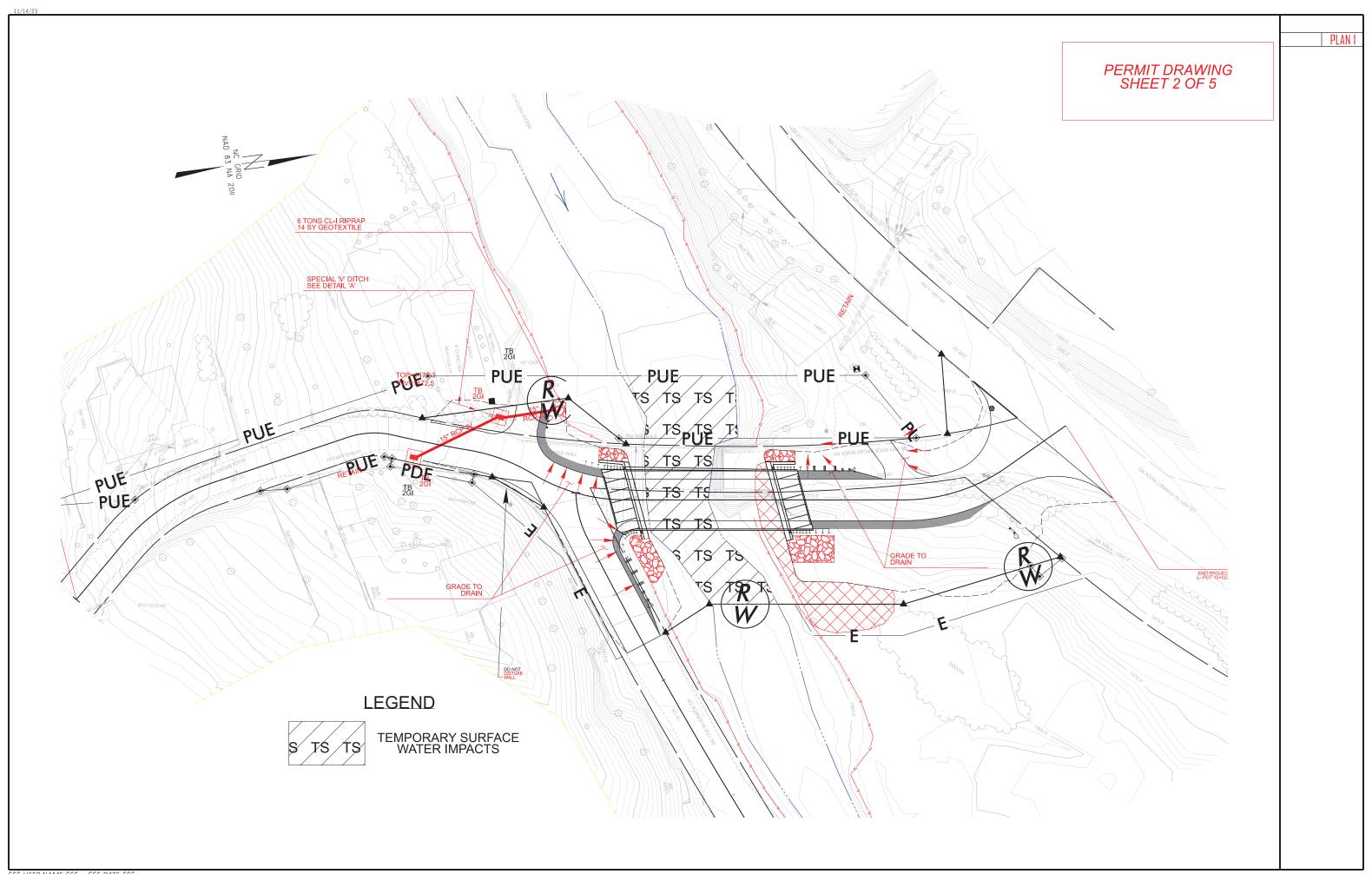
RIGHT OF WAY DATE:

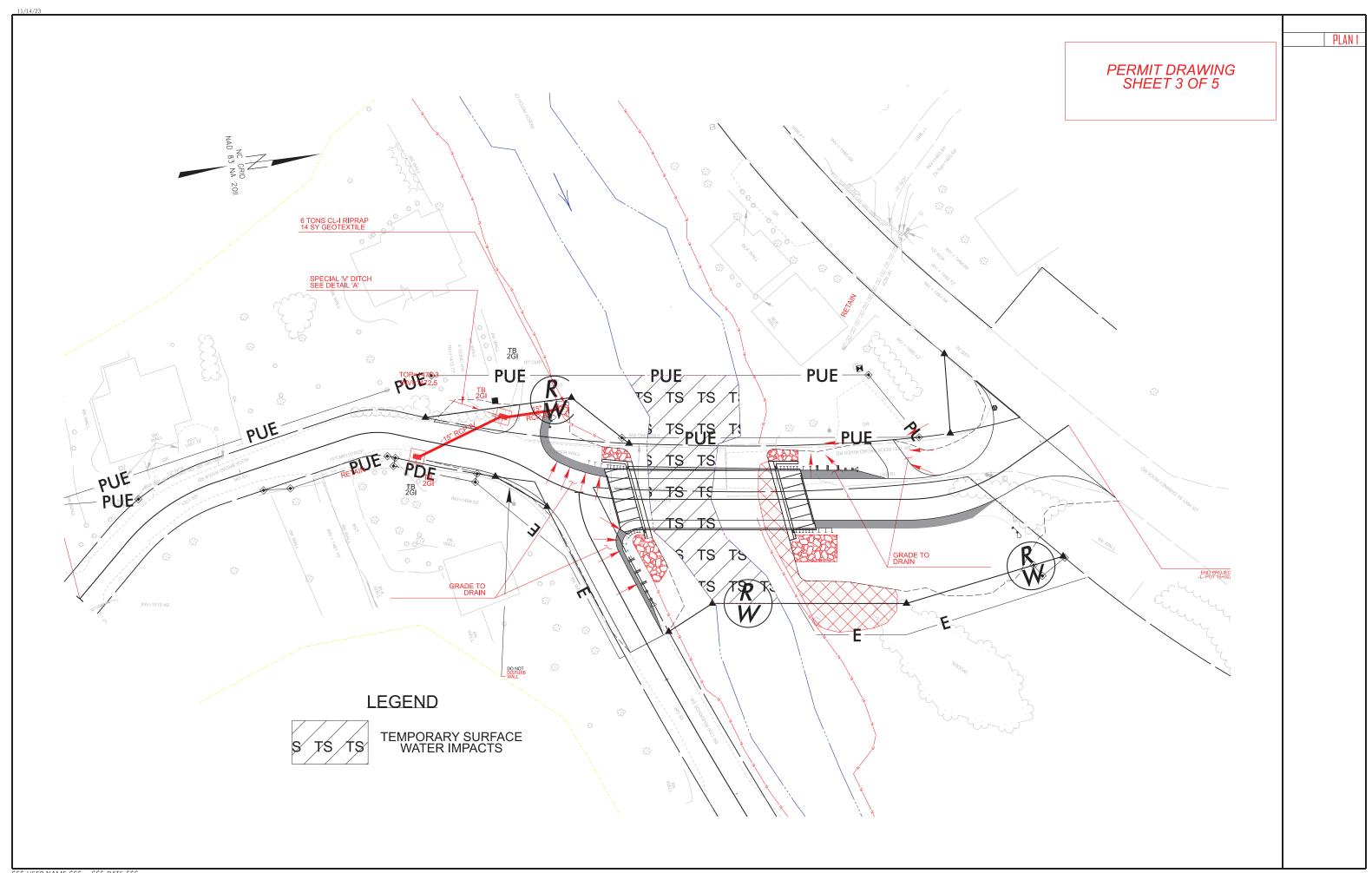
LETTING DATE:

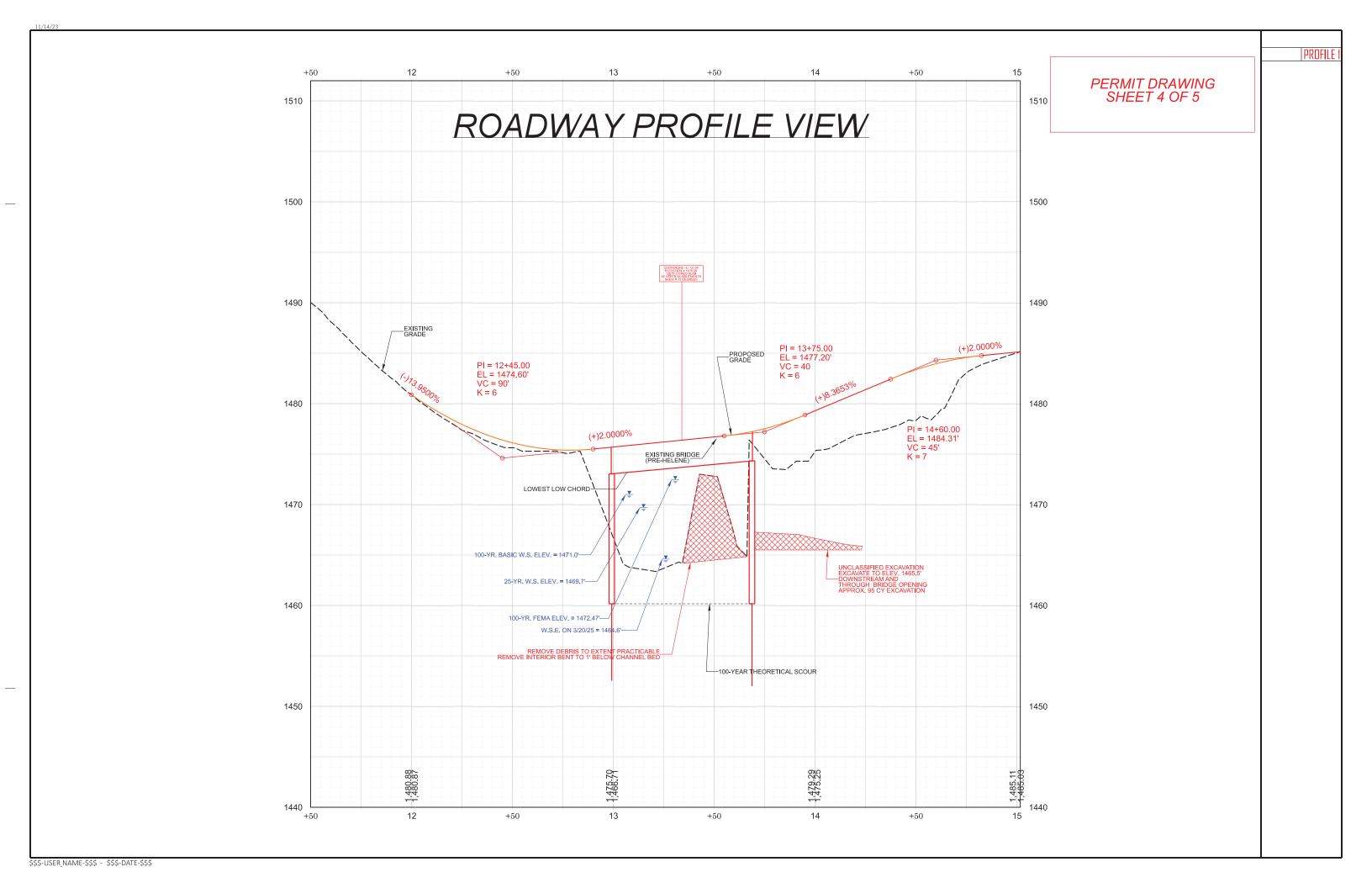
ZACH SHULER, PE
NCDOT CONTACT



SSS-USER NAME-SSS - SSS-DATE-SSS







			WETLAND IMPACTS					SURFACE WATER IMPACTS				
Site	Station	Structure	Permanent Fill In	Temp. Fill In	Excavation in	Mechanized Clearing	Hand Clearing in	Permanent SW	Temp. SW	Existing Channel Impacts	Existing Channel Impacts	Natural Stream
No.	(From/To)	Size / Type	Wetlands (ac)	Wetlands (ac)	Wetlands (ac)	in Wetlands (ac)	Wetlands (ac)	impacts (ac)	impacts (ac)	Permanent (ft)		Design (ft)
1	-L- 13+34	PROP. BRIDGE CONST.							0.09		119	
OTALS	S*:								0.09	0	119	0

*Rounded totals are sum of actual impacts

NOTES:

NC DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS 07/30/25 HENDERSON COUNTY STATE PROJECT REFFERNCE NO. DF18314.2045329 5

SHEET

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OF

Revised 2018 Feb