



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H. JOHNSON
SECRETARY

July 29, 2026

MEMORANDUM TO: Division Environmental and Construction Units

FROM: *MAT* Michael A. Turchy, ECAP Group Leader
Environmental Analysis Unit

SUBJECT: Environmental Permits for the Replacement of:
Replacement of Bridge 97 over South Toe River on Blue Rock Road (SR 1152)
in Yancey, Division 13, WBS DF18313.2100057.PR

Please find enclosed the following permits for this project:

Agency	Permit Type	Expiration
US Army Corps of Engineers Section 404 Clean Water Act Permit	Nationwide Permit 3 Action ID: SAW-2026-00775 Dated July 24, 2026	March 14, 2031
NC Division of Water Resources Section 401 Water Quality Certification	General Certification No. 8562 Project ID: 20260531v1 Dated April 29, 2026	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.

404 Permit (USACE)



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT
151 Patton Avenue, Room 208
Asheville, NC 28801-5006

July 24, 2026

Regulatory Division
SAW-2026-00775

North Carolina Department of Transportation
Attn: Mr. Michael A. Turchy
Environmental Coordination and Permitting Group Leader
1598 Mail Service Center
Raleigh, North Carolina 27699-1598
Sent Via Email: maturchy@ncdot.gov

Dear Mr. Turchy,

This letter is in response to the application you submitted to the U.S. Army Corps of Engineers (USACE), Wilmington District, WRDA/Transportation Branch on April 27, 2026, for a Department of the Army general permit verification to replace a bridge that was destroyed by **Hurricane Helene**. This project will replace **Bridge No. 97** over the South Toe River on SR 1152 in Yancey County, North Carolina (35.8711, -82.1968) and has been assigned file number SAW-2026-00775. In order to perform this work, NCDOT proposes to conduct the following activities in waters of the U.S.:

Summary of Proposed Impacts

Impact ID #	NWP / GP #	Open Water (ac)		Wetland (ac)		Stream (lf)	
		Temporary	Permanent	Temporary	Permanent	Temporary	Permanent
Site 1 (UT to South Toe River)	<u>NWP 3</u>					0.01 ac / dewater	
Site 2 (South Toe River)	<u>NWP 3</u>					0.03 ac / dewater	0.01 ac / bank stabilization
						0.06 ac / work pad	
Impact Totals		0	0	0	0	0.1 ac	0.01 ac

We have reviewed the proposed activities in waters of the U.S. and have determined that these activities are authorized by Nationwide Permit (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 following:

- enclosed terms, general conditions, and regional conditions of NWP 3
- special conditions of the verification letter (see below)
- information in the PCN and attachments
- enclosed plans

If the extent of the project area and/or nature of the authorized impacts to waters are modified, a request detailing the proposed changes must be submitted to this office for written approval before work is initiated. Any deviation from the terms and conditions of the permit, the special conditions of this letter, the information contained in the PCN, or your submitted plans, may subject the permittee to enforcement action.

This verification is valid until **March 15, 2031**, unless the subject NWP is suspended, revoked, or is modified prior to that date such that the activity no longer complies with the terms and conditions of the NWP.

Project Specific Special Conditions:

1. This verification letter does not authorize you to take a federally listed species. In order to legally take a federally listed species, you must have separate authorization under the Endangered Species Act (ESA) (e.g., an ESA Section 10 permit, or a Biological Opinion (BO) under ESA Section 7, with “incidental take” provisions with which you must comply). The U.S. Fish and Wildlife Service (USFWS) issued a document titled, “Biological and Conference Opinions and Informal Consultations – Batch Format, Replace Multiple Crossing Structures Destroyed by Tropical Storm Helene in Buncombe, McDowell, Yancey Counties, North Carolina, Service Log #25-110 through 25-117” on February 11, 2025. This document contains mandatory terms and conditions to implement the reasonable and prudent measures that are associated with incidental take for this project. Your authorization under this verification letter and NWP 3 is conditional upon your compliance with the mandatory terms and conditions associated with incidental take listed in this document for this project. Failure to comply with the terms and conditions associated with incidental take detailed in this document, where a take of a federally listed species occurs, would constitute an unauthorized take, and it would also constitute non-compliance with your verification letter and NWP 3. The USFWS is the appropriate authority to determine compliance with the terms and conditions of its Opinion and with the ESA.

2. The permittee shall ensure that the work does not constrict more than 50% of river flow at any one time.

3. The permittee shall implement all reasonable and practicable measures to ensure that equipment, structures, work, and operations associated with this project do not adversely affect upstream and/or downstream reaches. Adverse effects include, but are not limited to, channel instability, flooding, and/or riverbank erosion. The permittee shall routinely monitor for these effects, cease all work when detected, take initial corrective measures to correct actively eroding areas, and notify this office immediately. Permanent corrective measures may require additional authorization the U.S. Army Corps of Engineers.

4. The permittee shall ensure that any equipment that is placed on the work pad is removed when either of the following situations are forecasted or anticipated: (1) the water level will rise to a point where the equipment could be flooded (even during work days), and (2) the water level is expected to rise overnight, or over a non-work period of time, to a point where the equipment could be flooded.

5. Upon completion of work that requires the work pad to be in the river, the permittee shall remove all readily detectible work pad material, to the extent practicable, while removing as little of the original riverbed as possible.

6. The permittee shall comply with conditions #1-4 in the attached letter from the North Carolina Wildlife Resources Commission dated April 28, 2026.

7. The permittee shall require its contractors and/or agents to comply with the terms and conditions of this authorization letter in the construction and maintenance of this project and shall provide each of its contractors and/or agents associated with the construction or maintenance of this project with a copy of this authorization letter, all conditions, and any authorized modifications. A copy of this authorization letter, all conditions, and any authorized modifications, shall be available at the project site during construction and maintenance of this project.

This general permit verification and any associated authorizations do 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 Lori Beckwith, Regulatory Project Manager of the WRDA/Transportation Branch at 828-230-0483, by mail at the above address, or by email at loretta.a.beckwith@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,

A handwritten signature in black ink that reads "M. Scott Jones". The signature is written in a cursive, flowing style.

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 loretta.a.beckwith@usace.army.mil or by mail at the below address: U.S. Army Corps of Engineers, Wilmington District Asheville Field Office Street Address: 151 Patton Avenue, Room 208 Asheville, North Carolina 28801-5006		
Corps Action Number: SAW-2026-00775 Permit Type: General Permit General Permit Number and Name (if applicable): NWP 3 Name of Permittee: NCDOT, Division of Highways Project Name: NCDOT / Hurricane Helene / Br 97 / SR 1152 / Yancey / Div 13 Project Location (physical address): Bridge 97 on SR 1152 over the South Toe River Yancey Co. NC		
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

Re: [External] Request for Comments for NCDOT / Helene 97 / South Toe River / Blue Rock Road (SR 1152) / Yancey / Div 13 / DF18313.2100057.PR

From McHenry, David G <david.mchenry@ncwildlife.gov>

Date Tue 4/28/2026 10:13 AM

To Beckwith, Loretta A CIV USARMY CESAW (USA) <loretta.a.beckwith@usace.army.mil>; Annino, Amy <amy.annino@deq.nc.gov>

Cc Allen, Yates <ryallen@ncdot.gov>; Turchy, Michael A <maturchy@ncdot.gov>; Sanderson, Mike <jmsanderson@ncdot.gov>

 1 attachment (160 KB)

DF18313.2100057_DWR 20260531v1_Yancey 97_South Toe River_Application_NCWRC Comments.pdf;

Please consider the attached comments on the application. The NCWRC appreciates the opportunity to review and comments on the application.

Dave McHenry
NCWRC Western DOT Coordinator
828-476-1966



From: NCDEQ.Laserfiche@mccicloud.io <NCDEQ.Laserfiche@mccicloud.io>

Sent: Tuesday, April 28, 2026 8:45 AM

To: McHenry, David G <david.mchenry@ncwildlife.gov>

Subject: [External] Request for Comments for NCDOT / Helene 97 / South Toe River / Blue Rock Road (SR 1152) / Yancey / Div 13 / DF18313.2100057.PR

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

The North Carolina Division of Water Resources (DWR) has just received a new application that may be related to your agency's work.

The application can be found here: <https://edocs.deq.nc.gov/WaterResources/Browse.aspx?dbid=0&startid=4426128>

If you wish to offer DWR feedback on this application, please upload your comments at <https://edocs.deq.nc.gov/Forms/Supplemental-Information-Form>).

Rare species such as Hellbenders (*Cryptobranchus alleganiensis*) and possibly Appalachian Elktoe mussels (*Alasmodonta raveneliana*) may still be present in the river near the bridge. The NCWRC may want to survey the bridge shortly before construction to relocate any at-risk animals away from instream disturbance, if possible. Therefore, we would appreciate an invitation to the preconstruction meeting for the work, or similar advance notice, to facilitate our planning.

The NCWRC requests that the following conditions be included in authorizations to help conserve trout and other aquatic habitats affected by the project:

1. Applicable measures from the current *NCDOT Erosion and Sediment Control Design and Construction Manual* should be adhered to. *Design Standards in Sensitive Waters* should be incorporated into the erosion control of this project to target 25-year performance (see part (d) of 15A NCAC 04B .0124).
2. In accordance with standard GC conditions, matting used in riparian areas should not contain nylon mesh because it entangles and kills wildlife. Coir matting should be used on disturbed stream banks that are steep or susceptible to high water. Matting should be anchored with wooden stakes according to NCDOT specifications.
3. Areas of temporary disturbance of the channel (e.g on-site detours, work pads, diversion channels,...) should be restored to stable and reference conditions (width, depth, and pattern). Reference conditions can be approximated by observing conditions upstream or downstream that appear stable, or by consulting available regional curve information.
4. Sandbags, rock berms, cofferdams, or other diversion structures should be used to isolate flowing water from in-channel construction and, where practical, excavation.
5. Matting and vegetation instead of rip rap should be used for stabilization wherever possible above the ordinary high-water elevation.

Thank you for the opportunity to review and provide recommendations on this project. Please contact me at david.mchenry@ncwildlife.gov or (828) 476-1966 if you have any questions about these comments.

Sincerely,



Dave McHenry, NCWRC Western DOT Coordinator

cc: Yates Allen, NCDOT Division 14 Environmental Specialist II
Mike Sanderson, NCDOT Division 14 Environmental Supervisor
Michael Turchy, NCDOT ECAP

401

Certification (NCDWR)

JOSH STEIN
Governor

D. REID WILSON
Secretary

RICHARD E. ROGERS, JR.
Director



NORTH CAROLINA
Environmental Quality

April 29, 2026

DWR # 20260531
Yancy County

Mr. Michael A. Turchy,
NCDOT Environmental Analysis Unit
1598 Mail Service Center
Raleigh NC 27699-1598
maturchy@ncdot.gov

Subject: Certificate of Coverage Approval under Water Quality General Certification No. 8562
NCDOT Project DF18313.2100057.PR: Bridge 97 over South Toe River on SR 1152
Location: Lat 35.871172, Long -82.196803

Dear Mr. Turchy:

This Certificate of Coverage approval is issued to the North Carolina Department of Transportation (NCDOT) dated April 29, 2026. This Certificate of Coverage authorizes work under General Certification No. 8562 for the impacts listed below and described in your application which was received by the N.C. Division of Water Resources (Division or DWR) with fee on April 26, 2026. This certificate is for the purpose and design described in your application. **This approval requires you to follow all the conditions listed in the enclosed General Certification No. 8562.**

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.

Upon completion of the proposed project, the applicant shall submit a Certificate of Completion and/or shall provide as-built documentation. Certificates of Completion and/or as-built documentation can be submitted via the DWR website: <https://edocs.deq.nc.gov/Forms/Certificate-of-Completion>.

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



North Carolina Department of Environmental Quality | Division of Water Resources
512 North Salisbury Street | 1617 Mail Service Center | Raleigh, North Carolina 27699-1617
919.707.9000

Type of Impact	Amount Approved Permanent	Amount Approved Temporary
Perennial Streams		
Riprap Stabilization	150 linear feet	0 linear feet
Temporary Dewatering & Workpad	0 linear feet	161 linear feet
UT Temporary Dewatering	0 linear feet	23 linear feet
Totals:	150 linear feet	184 linear feet

Notice regarding the right to contest this 401 Water Quality Certification decision is attached to this letter.

This letter completes the Division's review under Section 401 of the Clean Water Act and 15A NCAC 02H .0500. Please contact Rob Ridings at 919-707-8786 or rob.ridings@deq.nc.gov if you have any questions or concerns.

Sincerely,

Signed by:

3185423002EA45E...

Faith Hardin, Supervisor
401 & Buffer Transportation Permitting Branch
Division of Water Resources, NCDEQ

Enclosures: Notice Regarding The Right To Contest A DWR 401 Water Quality Certification Decision
GC 8562

Electronic cc:

Lori Beckwith, USACE Asheville Regulatory Field Office (Loretta.A.Beckwith@usace.army.mil)
Mike Sanderson, NCDOT Division 13 Environmental Supervisor (jmsanderson@ncdot.gov)
Dave McHenry, NC Wildlife Resources Commission (david.mchenry@ncwildlife.gov)
DWR 401 & Buffer Permitting Branch Electronic file



NOTICE REGARDING THE RIGHT TO CONTEST A DWR 401 WATER QUALITY CERTIFICATION DECISION

Right of Persons Aggrieved to File a Contested Case for the Issuance of a 401 Water Quality Certification: Pursuant to 15A NCAC 02H .0507(f), the Division's decision on a 401 Water Quality Certification application is subject to review under NCGS 150B-23.

Rights of Persons Aggrieved to File a Contested Case: Pursuant to NCGS 150B, Article 3, a party or person aggrieved may commence a contested case by filing a petition under NCGS 150B-23 in the Office of Administrative Hearings within 60 days after the Division provides notice of its decision on a certification application, as provided in NCGS 150B-23(f). If no contested case is commenced within the required time, the Division's decision is final and is not subject to review.

General Filing Instructions: A petition for contested case hearing must be in the form of a written petition, conforming to NCGS 150B-23, and filed with the Office of Administrative Hearings, 1711 New Hope Church Road, Raleigh NC, 27609, along with a fee in an amount provided in NCGS 150B-23.2. A petition for contested case hearing form may be obtained upon request from the Office of Administrative Hearings or on its website at <https://www.oah.nc.gov/hearings-division/filing/hearing-forms>. Additional specific instructions for filing a petition are set forth at 26 NCAC Chapter 03.

Service Instructions: A party filing a contested case is required to serve a copy of the petition, by any means authorized under 26 NCAC 03 .0102, on the process agent for the Department of Environmental Quality:

Daniel Hirschman, General Counsel
North Carolina Department of Environmental Quality
1601 Mail Service Center
Raleigh, North Carolina 27699-1601

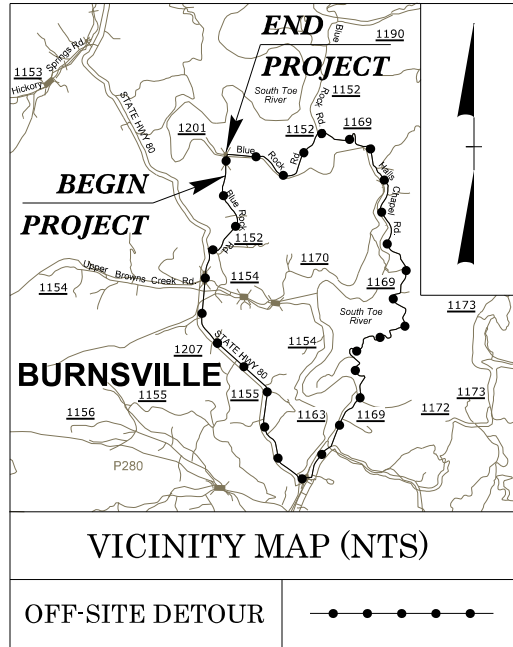
If the party filing the petition is a person aggrieved other than the recipient of the certificate (or the Permittee), the party **must also** serve the Permittee in accordance with NCGS 150B-23(a).

Be aware that other rules or laws may apply to the filing of a petition for a contested case. Additional information is available at <https://www.oah.nc.gov/hearings-division/hearing-process/filing-contested-case>. Please contact the Office of Administrative Hearings at (984) 236-1850 with all questions regarding the filing fee and/or the details of the filing process.



Permitted Drawings

CONTRACT: C205023 TIP PROJECT: DF18313.2100057.PR



PERMIT DRAWING
SHEET 1 OF 5

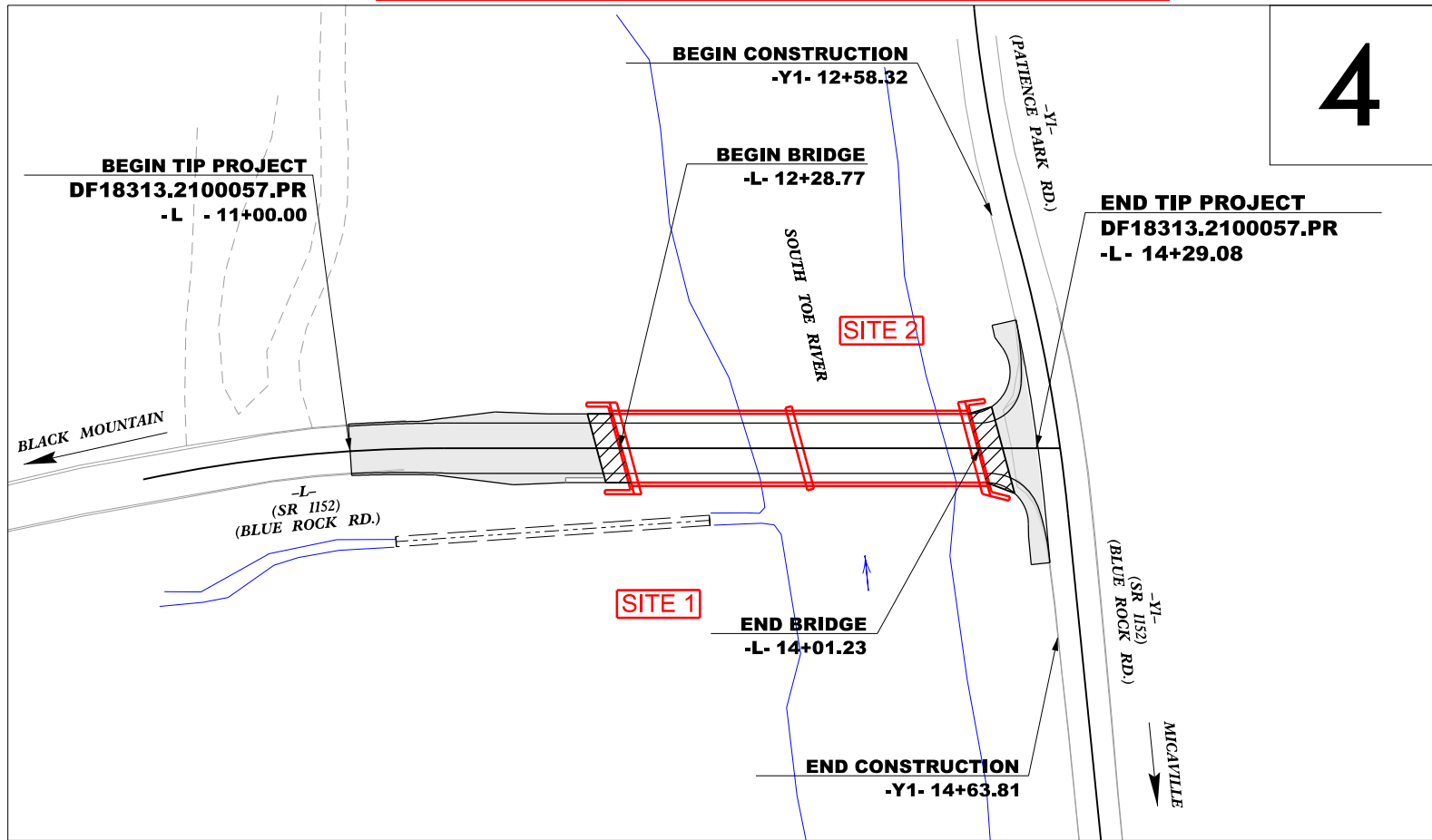
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

YANCEY COUNTY

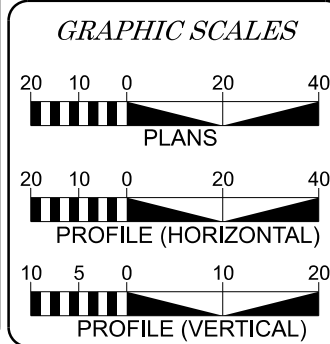
LOCATION: BRIDGE NO. 990097 OVER SOUTH TOE RIVER
ON SR 1152 (BLUE ROCK RD.)

TYPE OF WORK: GRADING, DRAINAGE, PAVING & STRUCTURE

WETLAND AND SURFACE WATER IMPACTS PERMIT



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 II.



DESIGN DATA	
ADT 2025 =	520
ADT 2045 =	634
K =	N/A
D =	N/A
T =	N/A
V =	30 MPH
FUNC CLASS =	MINOR COLLECTOR RURAL
	SUBREGIONAL TIER

PROJECT LENGTH	
LENGTH OF ROADWAY TIP PROJECT DF18313.2100057.PR	= 0.029 MILES
LENGTH OF STRUCTURE TIP PROJECT DF18313.2100057.PR	= 0.033 MILES
TOTAL LENGTH OF TIP PROJECT DF18313.2100057.PR	= 0.062 MILES

Prepared in the Office of:
WETHERILL ENGINEERING
1223 Jones Franklin Rd. Raleigh, N.C. 27606
License No. F-0377
Bus: 919.851.8077 Fax: 919.851.8107
2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
MARCH 23, 2026

LETTING DATE:
APRIL, 13 2026

Prepared for:
**DIVISION OF HIGHWAYS
DIVISION 13**
55 Orange Street
Asheville, NC, 28801

CHRIS ANDERSON, PE
PROJECT ENGINEER

JOSE A. ROSADO JR.
PROJECT DESIGN ENGINEER

LEON A. HUSSEY
NCDOT CONTACT

HYDRAULICS ENGINEER

SIGNATURE: _____
ROADWAY DESIGN ENGINEER

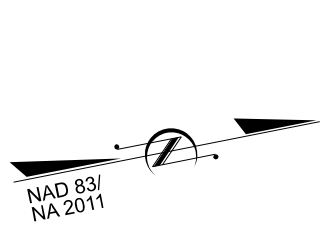
SIGNATURE: _____
P.E.

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	DF18313.2100057.PR	11	
STATE PROJ. NO.		F. A. PROJ. NO.	DESCRIPTION
DF18313.2100057.PR			PE
DF18313.2100057.PR			ROW
DF18313.2100057.PR			UTILITY
DF18313.2100057.PR			CONST.



RIGHT-OF-WAY PLANS
MARCH 11, 2026



RELEASE FOR
CONSTRUCTION
DATE: _____

SANFORD
CONTRACTORS

628 ROCKY FORK CHURCH RD.
SANFORD, NC 27332
(919)775-7882

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PERMIT DRAWING
SHEET 2 OF 5



SURFACE WATER IMPACTS



TEMPORARY SURFACE WATER IMPACTS

NOTE:
UTILIZE TEMPORARY CAUSEWAY TO
CONSTRUCT INTERIOR BENT AND END BENT 2.
NO MORE THAN 50% OF THE CHANNEL MAY
BLOCKED AT ONE TIME



3

MARY PATRICIA WIEBE
Deed Book 278 / Page 196

990097

RDY 004

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
YANCEY COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN
ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

HYDRAULICS
ENGINEER

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PREPARED BY



1223 JONES FRANKLIN ROAD
RALEIGH, NC 27606

(919)851-9077

NC LICENSE P-0377



625 ROCKY FORD CHURCH RD.
SANFORD, NC 27332

(919)775-7882

RELEASE FOR
CONSTRUCTION

DATE: _____

REVISIONS



FOR -L- PROFILE, SEE SHEET 5
ALL GUARDRAIL END UNITS ARE TL-2
ALL STRUCTURE ANCHOR UNITS ARE TYPE III
ALL DRIVEWAY RADII ARE 15' UNLESS NOTED

PERMIT DRAWING
SHEET 3 OF 5

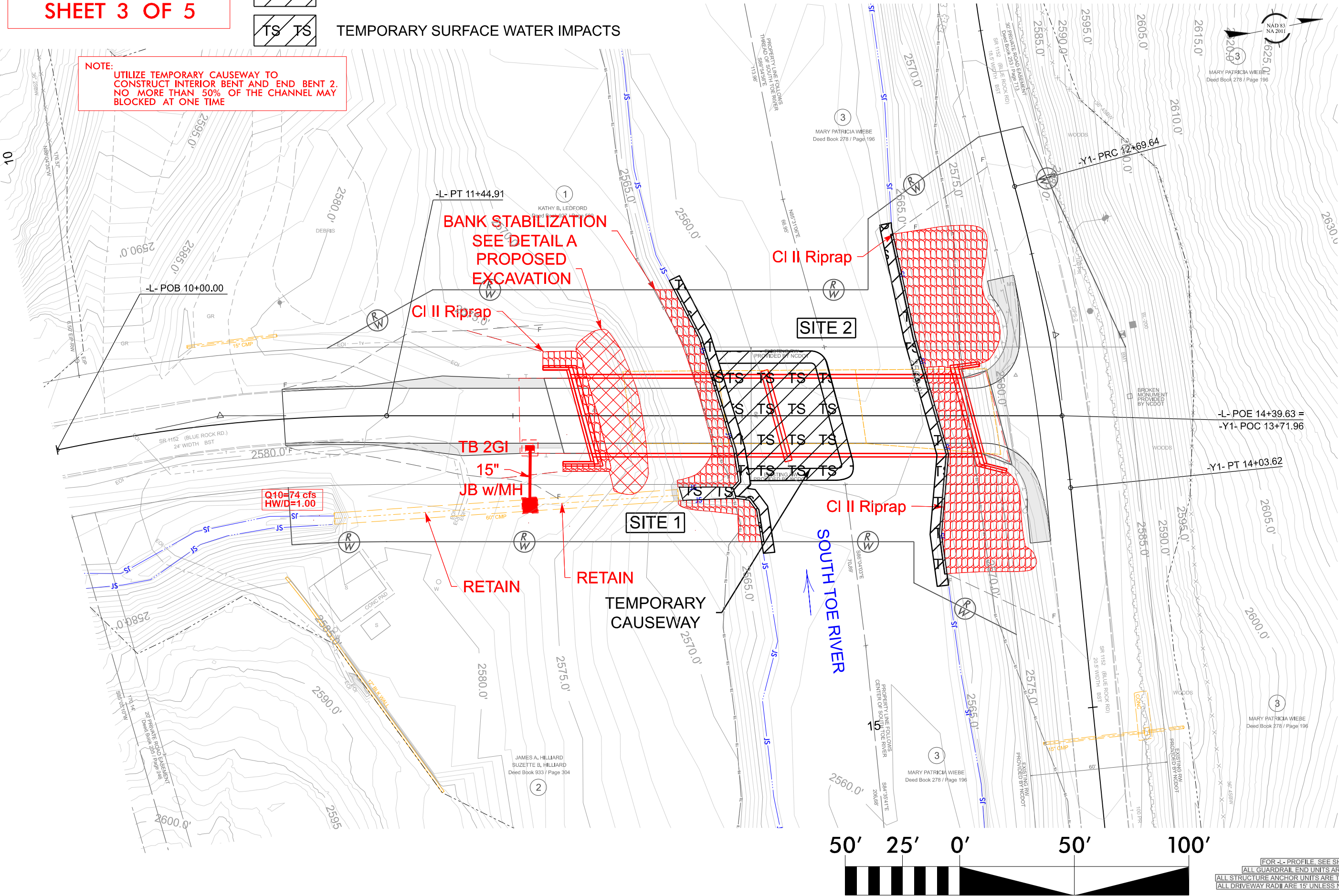


SURFACE WATER IMPACTS



TEMPORARY SURFACE WATER IMPACTS

NOTE:
UTILIZE TEMPORARY CAUSEWAY TO
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NO MORE THAN 50% OF THE CHANNEL MAY
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FOR L- PROFILE, SEE SHEET 5
ALL GUARDRAIL END UNITS ARE TL-2
ALL STRUCTURE ANCHOR UNITS ARE TYPE III
ALL DRIVEWAY RADII ARE 15' UNLESS NOTED

990097

RDY 004

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
YANCEY COUNTY

ROADWAY DESIGN UNIT
ROADWAY DESIGN
ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

HYDRAULICS
ENGINEER

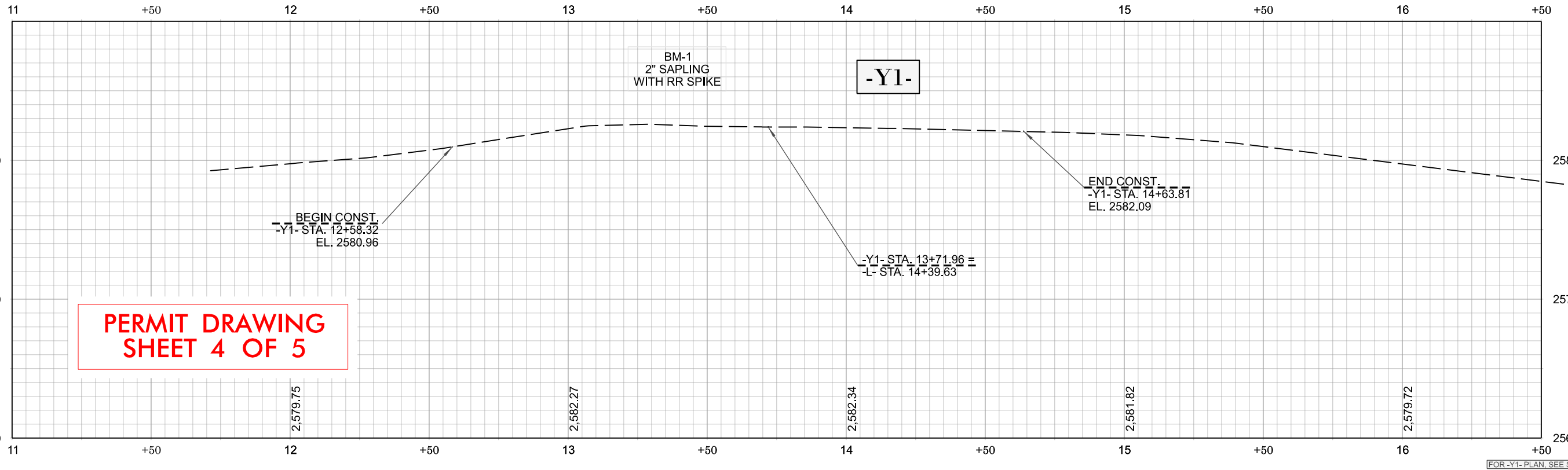
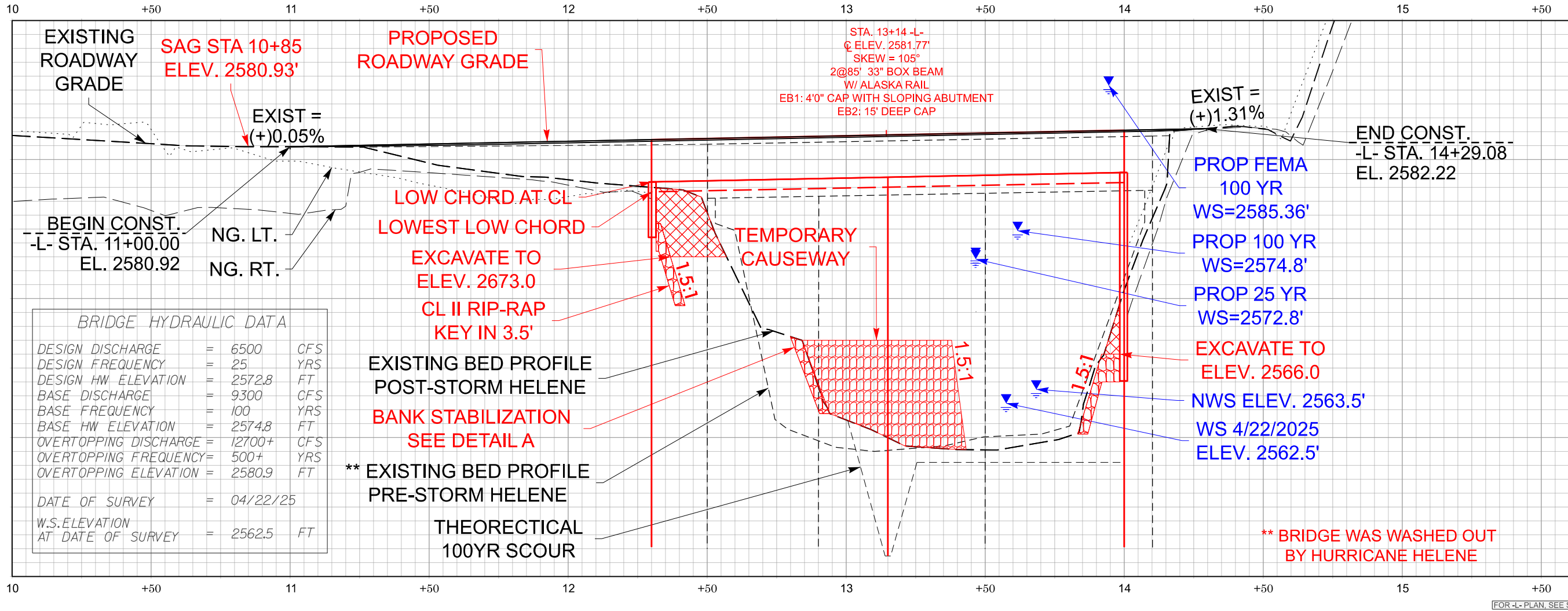
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PREPARED BY
J. W. WETHERILL
ENGINEERING
1223 JONES FRANKLIN ROAD
RALEIGH, NC 27606
(919)851-9077
NC LICENSE P-0377

SANFORD
CONTRACTORS
625 ROCKY FORD CHURCH RD.
SANFORD, NC 27332
(919)775-7882

RELEASE FOR
CONSTRUCTION
DATE: _____

REVISIONS



990097

RDY 005

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
YANCEY COUNTY

ROADWAY DESIGN UNIT
ROADWAY DESIGN ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

HYDRAULICS ENGINEER

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

PREPARED BY
J. W. WETHERILL
ENGINEERING

1223 JONES FRANKLIN ROAD
RALEIGH, NC 27606
(919)851-8077
NC LICENSE P-40377

SANFORD
CONTRACTORS

625 ROCKY FORD CHURCH RD.
SANFORD, NC 27332
(919)775-7882

RELEASE FOR
CONSTRUCTION
DATE: _____

REVISIONS

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- 12+72 TO 12+97 RT	60" CMP OUTLET							< 0.01		23	
2	-L- 12+68 TO 13+91	BANK STABILIZATION						< 0.01	0.03	150	161	
2	-L- 12+84 TO 13+43	TEMPORARY CAUSEWAY							0.06		-	
TOTALS*:								< 0.01	0.09	150	184	0

*Rounded totals are sum of actual impacts

NOTES:

3 x 3'-0" diameter drilled piers. Equal to 21.2 Sqft of surface water impacts.

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
3/30/2026
YANCEY COUNTY
DF18313.2100057.PR