

Helene Permit Package Distribution | Yancey 100

From Crowther V., Robert E <recrowther@ncdot.gov>

Date Mon 6/15/2026 11:38 AM

To Moneyham, Nathaniel S <nsmoneyham@ncdot.gov>; Sanderson, Mike <jmsanderson@ncdot.gov>

Cc Clough, Karina A <kaclough@ncdot.gov>; Allen, Yates <ryallen@ncdot.gov>; Chase, Kimberly R <krchase@ncdot.gov>; Rob Cousins, PE <rob.cousins@summitde.com>; Fowler (GFT Inc.), Victoria <ext-vfowler2@ncdot.gov>; Justice, Colby D <cdjustice@ncdot.gov>; Lawrence, Joseph R <jrlawrence@ncdot.gov>; Elliott, Jason C <jcelliott@ncdot.gov>; Johnson, David D <ddjohnson@ncdot.gov>; NCDOT_Service_Account_ECAP <ECAP@ncdot.gov>; Cheely, Erin K <ekcheely@ncdot.gov>; Nance (Mott MacDonald), Jon G <ext-jgnance@ncdot.gov>; Bukowy (HNTB), Kat A <ext-kabukowy@ncdot.gov>; Jamison, John <johnjamison@ncdot.gov>; Cox, Marissa R <mrcox2@ncdot.gov>; Farrell, Christine E <cef Farrell@ncdot.gov>; Griffin, Randy W <rwgriffin@ncdot.gov>; Stanton, Tyler P <tpstanton@ncdot.gov>; Knepp, Cheryl L <clknepp@ncdot.gov>; Turchy, Michael A <maturchy@ncdot.gov>

All environmental permits have been received for the replacement of Bridge 100 over Ayles Creek on Hickory Springs Road (SR 1153) in Yancey County, Division 13, WBS DF18313.2100064.PR.

The permit package has been posted on the NCDOT website

at: <https://xfer.services.ncdot.gov/pdea/EnvironmentalPermits/Helene%20Yancey%20100/Yancey%20100%202026-06-15%20Permit%20Package.pdf>

Thank you,

Rob Crowther, PWS

Environmental Program Consultant
Environmental Coordination & Permitting
Environmental Analysis Unit
N.C. Department of Transportation

804 761 2455 mobile

919 707 6112 office

recrowther@ncdot.gov

1598 Mail Service Center (Mail)

Raleigh, NC 27699-1598

1000 Birch Ridge Drive (Delivery)

Raleigh, NC 27610





STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H. JOHNSON
SECRETARY

June 15, 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 100 over Ayles Creek on Hickory Springs Road (SR
1153) in Yancey, Division 13, WBS DF18313.2100064.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-2026-00820 Dated June 12, 2026	March 14, 2031
NC Division of Water Resources Section 401 Water Quality Certification	Water Quality Certification No. 8562 Project ID: 20260562 Dated May 28, 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
WRDA / TRANSPORTATION BRANCH
3331 HERITAGE TRADE DR, SUITE 105
WAKE FOREST NC 27587

June 12, 2026

Regulatory Division
SAW-2026-00820

Sent Via email: maturchy@ncdot.gov

Michael Turchy
North Carolina Department of Transportation
1598 Mail Service Center
Raleigh, NC 27606

Dear Mr. Turchy:

This letter is in response to the Pre-Construction Notification (PCN) you submitted to the Wilmington District, WRDA / Transportation Branch on May 4, 2026, for a Department of the Army Nationwide permit (NWP) verification. This project has been assigned the file number SAW-2026-00820 and is known as NCDOT / Hurricane Helene / DF18313.2100064.PR / Br 100 / SR 1153 / Yancey / Div 13. This file number should be referenced in all correspondence concerning this project.

The previous 36-foot long, single-span bridge was critically damaged by Hurricane Helene. A review of the information provided indicates that the proposed work would include the replacement of the current temporary bridge with a single span, 65-foot-long bridge, in the same location as the previous damaged bridge. The existing temporary bridge will continue to serve as the temporary detour during construction. 404 impacts are shown in Table 1. The project area for this determination is illustrated on the enclosed permit drawings. The project is located at Bridge 100 over Ayles Creek, on SR 1153, Hickory Springs Road, at Latitude 35.879320 and Longitude -82.223300; southeast of Burnsville, Yancey County, North Carolina.

Table 1: Impacts

<i>Impact Site/ Waters Name</i>	<i>Activity</i>	<i>Impact Duration</i>	<i>Proposed Length (lf)</i>	<i>Proposed Area (sf)</i>
1/Ayles Creek	Bank Stabilization	Permanent	110	173.8
1/Ayles Creek	Dewatering	Temporary	136	435.2
2/UT Ayles Creek	Stream Relocation	Permanent	36	172.8
2/UT Ayles Creek	Bank Stabilization	Permanent	19	76
2/UT Ayles Creek	Dewatering	Temporary	5	10

We have determined that the proposed work is authorized by NWP 3: Maintenance 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 15, 2031**, 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:

1. **NCWRC:** All recommendations in the attached letter from the North Carolina Wildlife Resources Commission dated May 8, 2026, are hereby incorporated as special conditions of this permit.
2. **FWS Biological and Conference Opinion:** This Corps permit does not authorize you to take an endangered species, in particular *Alasmidonta heterodon* (dwarf wedgemussel). In order to legally take a listed species, you must have separate authorization under the Endangered Species Act (ESA) (e.g., a Biological/Conference Opinion (BO/CO) under the ESA, Section 7, with “incidental take” provisions with which you must comply). The U.S. Fish and Wildlife Service (USFWS) BO/CO, dated September 4, 2025, contains mandatory terms and conditions to implement the reasonable and prudent measures that are associated with “incidental take” that is also specified in the BO. Your authorization under this Corps permit is conditional upon your compliance with all the mandatory terms and conditions associated with incidental take of the BO/CO, which terms and conditions are incorporated by reference in this permit. Failure to comply with the terms and conditions associated with incidental take of the BO/CO, where a take of the listed species occurs, would constitute an unauthorized take, and it would also constitute non-compliance with your Corps permit. The USFWS is the appropriate authority to determine compliance with the terms and conditions of its BO/CO, and with the ESA.

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 Eric Alsmeyer, Project Manager of the WRDA / Transportation Branch at 919-817-1570, by mail at the above address, or by email at eric.c.alsmeyer@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 style with a large initial "M". There are small red marks above the "S" and below the "J".

M. Scott Jones, PWS
WRDA / Transportation Branch Chief

Enclosures

<p>U.S. Army Corps of Engineers (USACE)</p> <p>CERTIFICATION OF COMPLIANCE WITH DEPARTMENT OF THE ARMY PERMIT</p> <p>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.</p>	<p><i>Form Approved -</i></p> <p><i>OMB No. 0710-0003</i></p> <p><i>Expires 2027-10-31</i></p>
--	--

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 Enter Email Name@usace.army.mil or by mail at the below address:

U.S. Army Corps of Engineers
 Wilmington District Office
 Street Address: 3331 Heritage Trade Dr, Suite 105
 City: Wake Forest State: NC Zip Code: 27587

COMPLETED BY THE CORPS

Corps Action Number:	SAW-2026-00820
Permit Type: <u>General Permit</u>	
General Permit Number and Name (<i>if applicable</i>):	<u>NWP 14 -Linear Projects</u>
Name of Permittee:	<u>Michael Turchy</u>
Project Name:	<u>NCDOT / Hurricane Helene / DF18313.2100064.PR / Br 100 / SR 1153 / Yancey / Div 13</u>
Project Location (<i>physical address</i>):	<u>Hickory Springs Road</u> <u>Burnsville, North Carolina</u>

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
------	------	-----------



☒ North Carolina Wildlife Resources Commission ☒

M. Kyle Briggs, Executive Director

May 8, 2026

Loretta Beckwith
U.S. Army Corps of Engineers, Asheville Regulatory Field Office
151 Patton Avenue, Room 208
Asheville, NC 28801

Amy Annino
401 and Buffer Transportation Permitting Branch
North Carolina Department of Environmental Quality
2090 U.S. 70 Highway, Swannanoa, NC 28778-8211

SUBJECT: Comments on Application for Replacement of Bridge 100 over Ayles Creek, Yancey County (**DF18313.2100064**), DWR 20260562 ver.1

The North Carolina Department of Transportation (NCDOT) applied for a 404 Permit and 401 Certification for the subject project. The North Carolina Wildlife Resources Commission's (NCWRC) comments are offered to help conserve the wildlife resources affected by the project and to promote wildlife-based recreation in accordance with applicable provisions of 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).

The project will replace a bridge over Ayles Creek that was damaged by flooding from Hurricane Helene. The new structure will be a 65-foot cored slab bridge. The new bridge will be built on the original bridge location with the temporary bridge that is upstream handling traffic during construction.

In April 2025 NCWRC biologists sampled Ayles Creek well upstream of the bridge where they found a couple Brook Trout (*Salvelinus Fontinalis*). Based on older surveys and trends observed in other streams, Ayles Creek near the bridge likely still supports wild Rainbow Trout (*Onchorynchus mykiss*). Therefore, as noted in scoping comments for this bridge project, the upcoming moratoria for Rainbow Trout (January 1, 2027 to April 15, 2027, and subsequent moratorium periods), should be adhered to for instream disturbance from the bridge work.

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

1. The upcoming moratoria for Rainbow Trout (January 1, 2027 to April 15, 2027, and subsequent moratorium periods), should be adhered to for instream disturbance.
2. 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).
3. 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.
4. Sandbags, rock berms, cofferdams, or other diversion structures should be used whenever possible to isolate flowing water from in-channel construction.
5. Additional rip rap on streambanks should only extend to the ordinary high water elevation and matting and vegetation should be used 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)



NORTH CAROLINA
Environmental Quality

May 28, 2026

JOSH STEIN
Governor

D. REID WILSON
Secretary

RICHARD E. ROGERS, JR.
Director

DWR # 20260562
Yancey County

North Carolina Department of Transportation
Attn: Michael Turchy
1598 Mail Service Center
Raleigh, NC 27606

Delivered via email to: maturchy@ncdot.gov

Subject: Certificate of Coverage Approval under Water Quality General Certification No. 8562
Replacement of Bridge 100 over the Ayles Creek on SR 1153 (Hickory Springs Road),
WBS DF18313.2100064.PR

Location: 35.879316, -82.223298

Dear Mr. Michael Turchy:

This Certificate of Coverage approval is issued to Patrick Breedlove and the North Carolina Department of Transportation, dated May 28, 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) on May 4, 2026, with fee received on May 4, 2026, and within the *Reasonable Period of Time* pursuant to 40 CFR Part 121.6. 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)]




Type of Impact	Amount Approved Permanent	Amount Approved Temporary	Mitigation Amount Required
Perennial Streams			
Site 1 / Ayles Creek / Bank Stabilization	110 linear feet	0 linear feet	0 credits
Site 1A / Ayles Creek / Temporary dikes	0 linear feet	136 linear feet	0 credits
Site 2 / UT to Ayles Creek / Channel Change	36 linear feet	0 linear feet	0 credits
Site 1A / UT to Ayles Creek / Bank Stabilization	19 linear feet	0 linear feet	0 credits
Site 1B / UT to Ayles Creek / Temporary impacts	0 linear feet	5 linear feet	0 credits
<i>Totals:</i>	<i>139 linear feet</i>	<i>141 linear feet</i>	<i>0 credits</i>

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 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
 Division of Water Resources, NCDEQ

Enclosures: Notice Regarding The Right To Contest A DWR 401 Water Quality Certification Decision
 And/Or Buffer Authorization
 GC 8562

Electronic cc: Lori Beckwith, USACE Asheville Regulatory Field Office
 Holland Youngman, USFWS
 Dave McHenry, NCWRC
 Mike Sanderson, NCDOT Division 13 Environmental Officer
 DWR 401 & Buffer Permitting Branch Electronic file



**NOTICE REGARDING THE RIGHT TO CONTEST A DWR 401 WATER QUALITY
CERTIFICATION AND/OR BUFFER AUTHORIZATION**

Right of Persons Aggrieved to File a Contested Case for the Decision on a 401 Water Quality Certification and/or Buffer Authorization:

The Division's decision 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 an 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 (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



North Carolina Department of Transportation



Highway Stormwater Program
STORMWATER MANAGEMENT PLAN

FOR NCDOT PROJECTS

(Version 3.02; Released April 23, 2024)

WBS Element: C205023 TIP/Proj No: DF18313.210064.PR County(ies): Yancey Page 1 of 2

General Project Information

WBS Element:	C205023	TIP Number:	DF18313.210064.PR	Project Type:	Bridge Replacement	Date:	4/16/2026
NCDOT Contact:	Jeffery L. Wait		Contractor / Designer:		Wetherill Engineering		
Address:	55 Orange Street Asheville, NC 28801		Address:	Harminder Singh 1223 Jones Franklin Road Raleigh NC, 27606			
Phone:	828-225-2763		Phone:	919-851-8077			
Email:	jlwait@ncdot.gov		Email:	hsingh@wetherilleng.com			
City/Town:	Micaville		County(ies):	Yancey			
River Basin(s):	French Broad		CAMA County?	No			
Wetlands within Project Limits?	No						

Project Description

Project Length (lin. miles or feet):	0.089 miles	Surrounding Land Use:	Rural, Agricultural, Wooded					
	Proposed Project			Existing Site				
Project Built-Upon Area (ac.)	1.1	ac.	1.1	ac.				
Typical Cross Section Description:	Two 10 foot travel lanes (one in each direction) with 3' paved shoulders (7' paved shoulders with guardrail)			Two 10-11 foot travel lanes (one in each direction) with variable 5-7 foot grass shoulders				
Annual Avg Daily Traffic (veh/hr/day):	Design/Future:	1220	Year:	2045	Existing:	1000	Year:	2025

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

The North Carolina Department of transportation (NCDOT) has proposed to replace Yancey County Bridge #990100 on Hickory Springd Rd (SR 1153). The existing Structure was a 1@35'-6" Vertical Timber that was washed out during Hurricane Helene. Currently, a temporary bridge is in place. The proposed bridge is a 1@65'-24" Cored Slab w/ Sloping Abutment left and Vertical Abutment right.



North Carolina Department of Transportation

Highway Stormwater Program
STORMWATER MANAGEMENT PLAN
 FOR NCDOT PROJECTS



(Version 3.02; Released April 23, 2024)

WBS Element: C205023 TIP/Proj No.: DF18313.210064.PR County(ies): Yancey Page 2 of 2

General Project Information

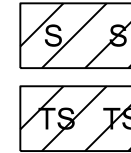
Waterbody Information

Surface Water Body (1):	Ayles Creek		NCDWR Stream Index No.:	7-2-52-33-11	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Trout Waters (Tr)		
Other Stream Classification:					
Impairments:	None				
Aquatic T&E Species?	No	Comments:			
NRTR Stream ID:	Ayles Creek			Buffer Rules in Effect:	N/A
Project Includes Bridge Spanning Water Body?	Yes	Deck Drains Discharge Over Buffer?	No	Dissipator Pads Provided in Buffer?	
Deck Drains Discharge Over Water Body?	No	(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)	
(If yes, provide justification 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?		Dissipator Pads Provided in Buffer?	
Deck Drains Discharge Over Water Body?		(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)	
(If yes, provide justification in the General Project Narrative)					

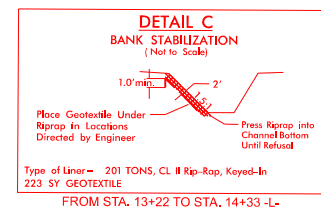
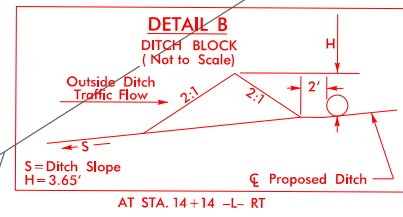
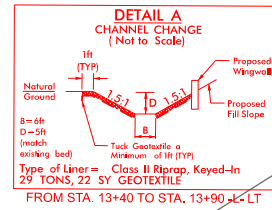
Surface Water Body (3):			NCDWR Stream Index No.:		
NCDWR Surface Water Classification for Water Body	Primary Classification:				
	Supplemental Classification:				
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?		Comments:			
NRTR Stream ID:				Buffer Rules in Effect:	
Project Includes Bridge Spanning Water Body?		Deck Drains Discharge Over Buffer?		Dissipator Pads Provided in Buffer?	
Deck Drains Discharge Over Water Body?		(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)	
(If yes, provide justification in the General Project Narrative)					

PERMIT DRAWING SHEET 2 OF 5



S/S SURFACE WATER IMPACTS

TS/TS TEMPORARY SURFACE WATER IMPACTS



CYNTHIA & BOBBY CROWDER
DB 456 PG 246
PB 1 PG 65A

1
BRYANT & JACQUELINE LUCAS
DB 257 PG 715
PB 1 PG 65A

CHRISTOPHER E. & ANDREA A. JARRETT
DB 719 PG 467
PB 1 PG 65A

PROPOSED WINGWALL
SANDRA GRINDSTAFF
DB 651 PG 703
PB 1 PG 65A

CHANNEL CHANGE
SEE DETAIL A

BANK STABILIZATION
SEE DETAIL C

CLASS II RIPRAP
2 Tons
7 SY Geotextile
15+00

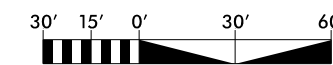
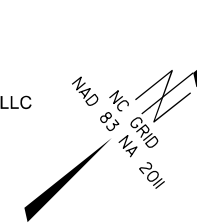
2
CHRISTOPHER E. & ANDREA A. JARRETT
DB 760 PG 407
PB 1 PG 65A

JAMES ROYCE RAY
DB 785 PG 620
DB 780 PG 312

3
PREMIER MICAVILLE LLC
DB 842 PG 288

CRUSHED 15" HDPE (DIR)

DITCH BLOCK
TOP ELEV=2692.0'
SEE DETAIL B



FOR -L- & -DRW- PROFILES, SEE SHEET 05
ALL GUARDRAIL END UNITS ARE TL-2, UNLESS OTHERWISE LABELED
ALL STRUCTURE ANCHOR UNITS ARE TYPE III



ROADWAY DESIGN UNIT
ROADWAY DESIGN ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED
HYDRAULICS ENGINEER

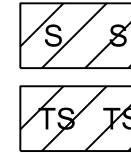
PRELIMINARY PLANS
PREPARED BY
JW ETHERELL ENGINEERING
1223 JONES FRANKLIN ROAD
RALEIGH, NC 27606
919.851.8077
NC LICENSE P-0377



RELEASE FOR CONSTRUCTION
DATE: _____

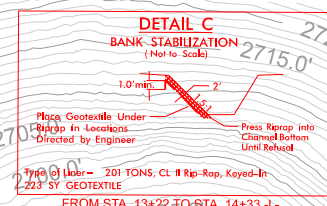
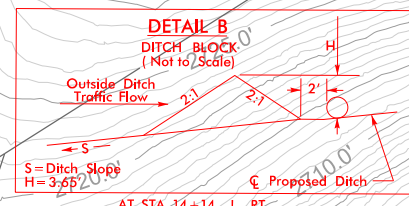
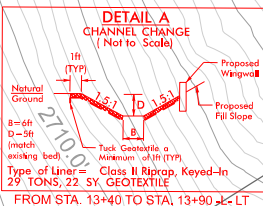
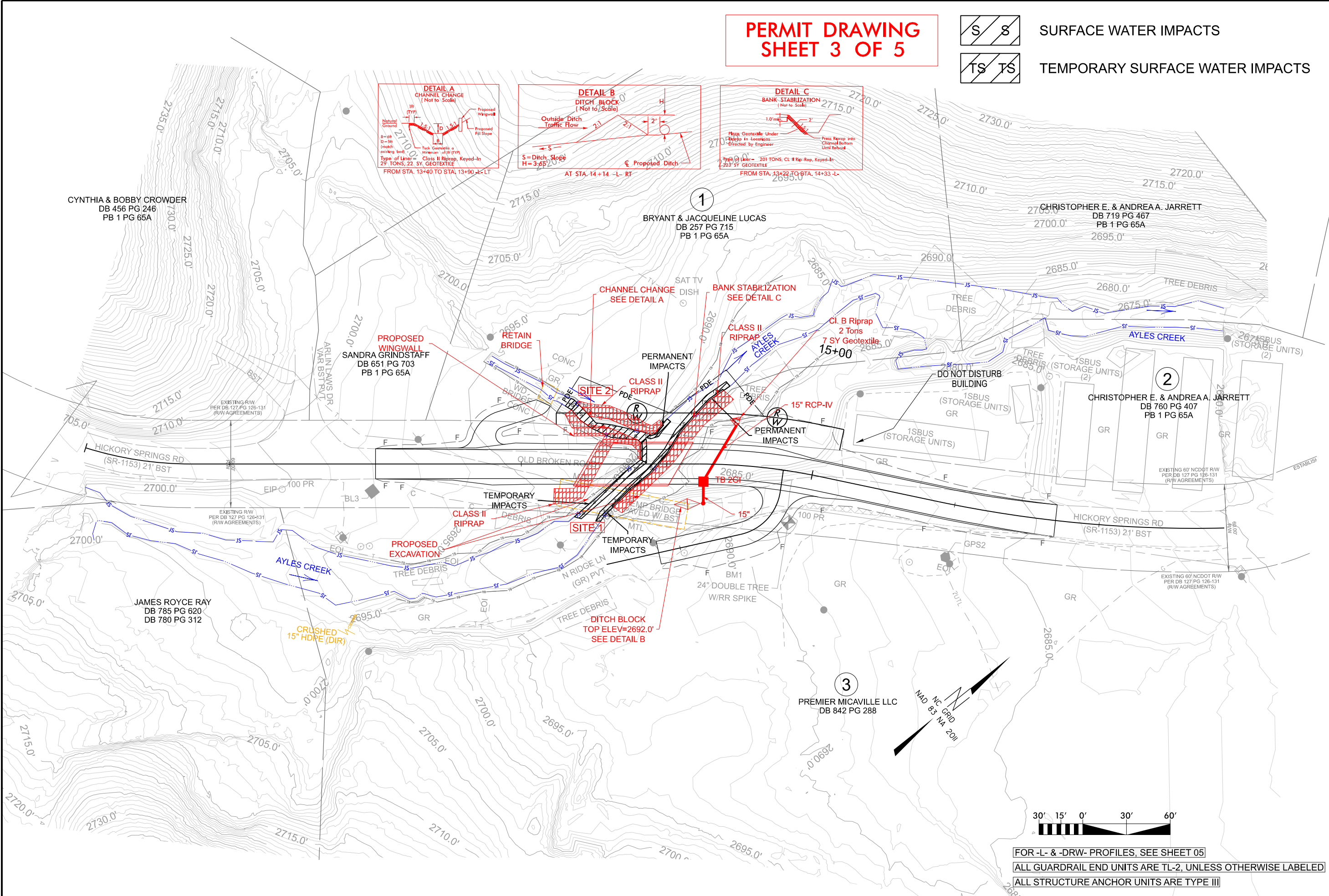
REVISIONS

PERMIT DRAWING SHEET 3 OF 5



S S SURFACE WATER IMPACTS

TS TS TEMPORARY SURFACE WATER IMPACTS



DF18313.2100064.PR

RWP 04

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 FOR THE PROPOSED CONSTRUCTION

PREPARED BY **JW ETHERILL ENGINEERING**
1223 JONES FRANKLIN ROAD KALEIGH, NC 27006 (919)851-8077 NC LICENSE P-0377

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

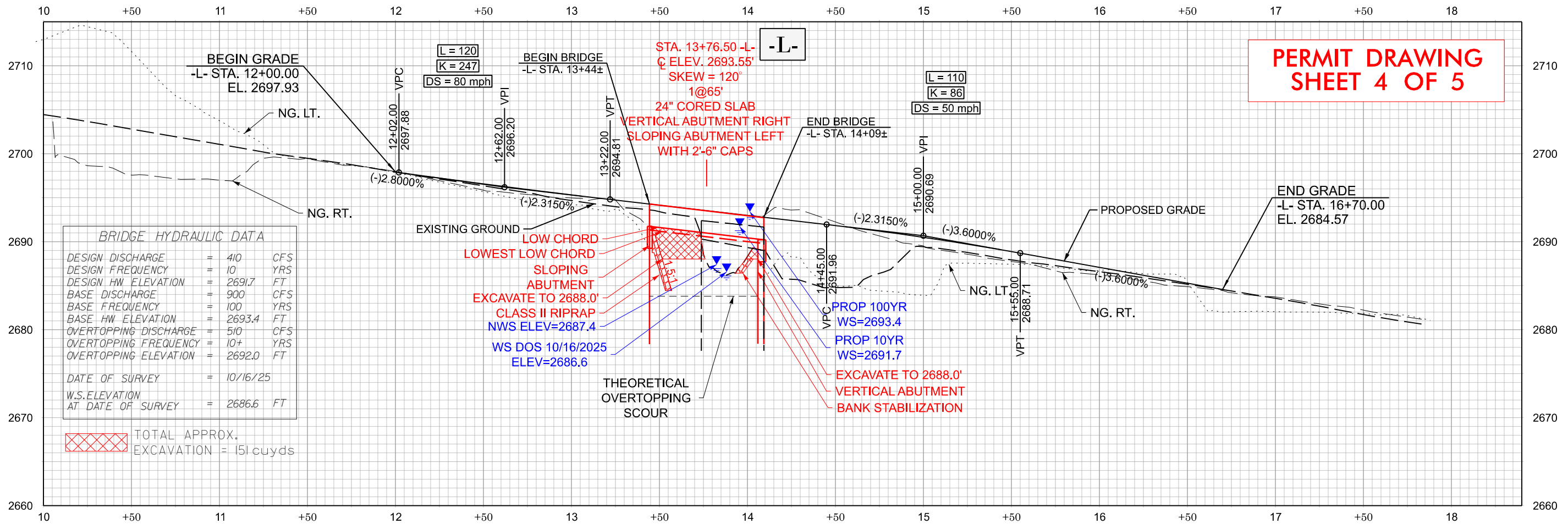
RELEASE FOR CONSTRUCTION DATE: _____

REVISIONS

FOR -L- & -DRW- PROFILES, SEE SHEET 05

ALL GUARDRAIL END UNITS ARE TL-2, UNLESS OTHERWISE LABELED

ALL STRUCTURE ANCHOR UNITS ARE TYPE III



DF18313.2100064.PR

RWP 05

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
FOR THE YEAR 2025 CONSTRUCTION

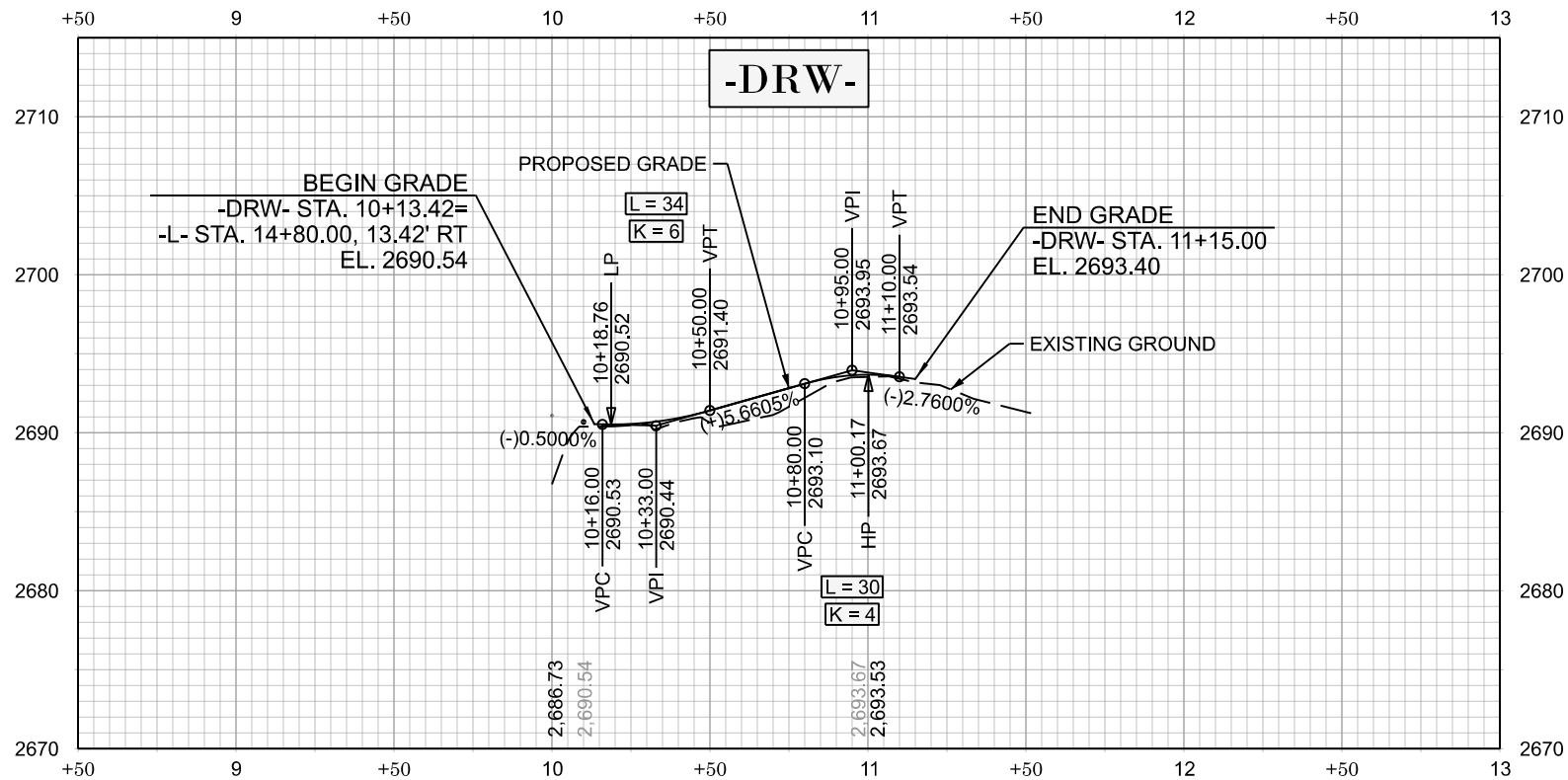
PREPARED BY
JW ETHERILL
ENGINEERING

1223 JONES FRANKLIN ROAD
RALEIGH, NC 27606
(919)851-8077
NC LICENSE P-0377

SANFORD
CONTRACTORS

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

RELEASE FOR CONSTRUCTION
DATE: _____



REVISIONS

WETLAND AND SURFACE WATER IMPACTS SUMMARY

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			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- 13+48 - 13+86	BRIDGE EXCAVATION						< 0.01				
1	-L- 13+56 - 14+40	BANK STABILIZATION						< 0.01	0.01	110	136	
2	-L- 13+45 - 13+81 LT	CHANNEL SHIFT						< 0.01		36		
2	See Note Below	BANK STABILIZATION						< 0.01	< 0.01	19	5	
TOTALS*:								0.01	0.02	165	141	0

*Rounded totals are sum of actual impacts

NOTES:
Station for Bank Stabilization at Site 2: -L- 13+30-13+45, 13+81-13+88 LT

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
4/29/2026
YANCEY COUNTY
DF18313.2100064.PR

SHEET 5 OF 5