




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H. JOHNSON
SECRETARY

December 23, 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:
Buncombe Bridge 380 over Swannanoa River on SR 2432 (Davidson Road)
Division 13, WBS DF18313.2011278.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	Regional General Permit 50, Action ID: SAW-2025-01804 Dated December 22, 2025	May 25, 2030
NC Division of Water Resources Section 401 Water Quality Certification	General Certification No. 7679, Written authorization not required. Assigned ID No. 20251262 v1	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

December 22, 2025

Regulatory Division
SAW-2025-01804

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 September 23, 2025, 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. 380** over the Swannanoa River on SR-2432 in Buncombe County, North Carolina (35.6079, -82.4196) and has been assigned file number SAW-2025-01804. In order to perform this work, NCDOT proposes to conduct the following activities in waters of the U.S. (the Swannanoa River):

Summary of Proposed Impacts

Impact ID #	NWP / GP #	Open Water (ac)		Wetland (ac)		Stream (lf)	
		Temporary	Permanent	Temporary	Permanent	Temporary	Permanent
Site 1	<u>RGP 50</u>					92' (0.07 ac) / work pads	17' / bank stabilization
						82' (0.02 ac)/ bank stabilization	
Impact Totals		0	0	0	0	174' (0.09 ac)	17'
Total Loss of waters of the U.S. (wetlands and/or open waters)			0	Total Loss of waters of the U.S.			0
Required wetland compensatory mitigation			0	Required stream compensatory mitigation			0

We have reviewed the proposed activities in waters of the U.S. and have determined that the activities are authorized by Regional General Permit (RGP) 50 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:

- general and special conditions of RGP 50 (enclosed)
- special conditions of the verification letter (see below)
- information in the PCN, attachments, and additional information submitted by NCDOT in response to USACE requests
- enclosed plans which contain revised plan sheets 2 and 3

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 **May 25, 2030**, unless the subject RGP is suspended, revoked, or is modified prior to that date such that the activity no longer complies with the terms and conditions of the RGP.

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, ““Modified Biological and Conference Opinions and Informal Consultations – Batch Format, Replace Multiple Crossing Structures Destroyed by Tropical Storm Helene in Buncombe, Madison, McDowell, Rutherford, and Yancey Counties, North Carolina, Service Log #25-236 through 25-248” on July 8, 2025. This document contains mandatory terms and conditions to implement the reasonable and prudent measures that are associated with incidental take for bat species on this project. Your authorization under this verification letter and RGP 50 is conditional upon your compliance with all of the mandatory terms and conditions associated with incidental take listed in this document for the aforementioned species. 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 RGP 50. 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 no more than 50% of river flow is constricted at any one time.

3. The permittee shall ensure that any equipment that is placed on the work pads 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.
4. Upon completion of work that requires the work pads 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.
5. The permittee shall implement all reasonable and practicable measures to ensure that equipment, structures, fill pads, 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 stream bank 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.
6. 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 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 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,



Tyler A. Crumbley
Deputy Division Chief, Regulatory
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)		
<p>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.</p>		
<p>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.</p> <p>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.</p>		
<p>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.</p> <p>The certification can be submitted by email at loretta.a.beckwith@usace.army.mil or by mail at the below address:</p> <div style="text-align: center; margin-top: 20px;"> <p>U.S. Army Corps of Engineers, Wilmington District</p> <p>Asheville Field Office</p> <p>Street Address: 151 Patton Avenue, Room 208</p> <p>Asheville, North Carolina 28801-5006</p> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">Corps Action Number:</div> <div style="width: 70%; border-bottom: 1px solid black;">SAW-2025-01804</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;">Permit Type:</div> <div style="width: 70%; border-bottom: 1px solid black;">General Permit</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;">General Permit Number and Name (if applicable):</div> <div style="width: 70%; border-bottom: 1px solid black;">RGP 50</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;">Name of Permittee:</div> <div style="width: 70%; border-bottom: 1px solid black;">NCDOT, Division of Highways</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;">Project Name:</div> <div style="width: 70%; border-bottom: 1px solid black;">NCDOT / Hurricane Helene / DF18313.2011278.PR / Br 380 / SR 2432 / Buncombe</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;">Project Location (physical address):</div> <div style="width: 70%; border-bottom: 1px solid black;">Bridge 380 on SR 2432 in Buncombe County, NC</div> </div>		
PERMITTEE'S CERTIFICATION		
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">Date Work Started:</div> <div style="width: 70%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 30%;">Date Work Completed:</div> <div style="width: 70%; border-bottom: 1px solid black;"></div> </div> <p>Enclose photographs showing the completed project (if available).</p> <p>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.</p>		
Name	Date	Signature

401 Certification (NCDWR)

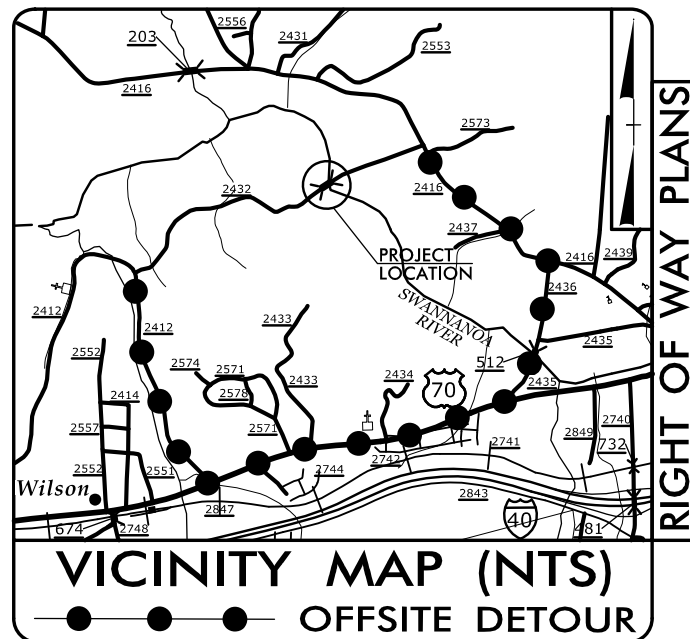
*Written
Authorization
Not Required*

Permitted Drawings

PROJECT: DF18313.2011278.PR

CONTRACT: C205047

See Sheet 1A For Index of Sheets



STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

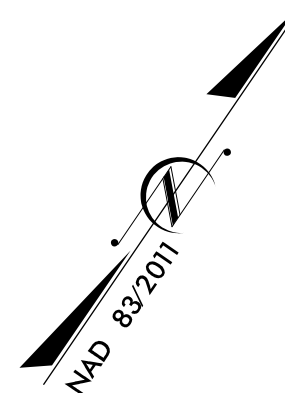
BUNCOMBE COUNTY

**LOCATION: REPLACEMENT OF STRUCTURE #100380
ON SR 2432 (DAVIDSON RD) OVER
SWANNANOA RIVER**

***TYPE OF WORK: GRADING, DRAINAGE,
PAVING, & STRUCTURE***

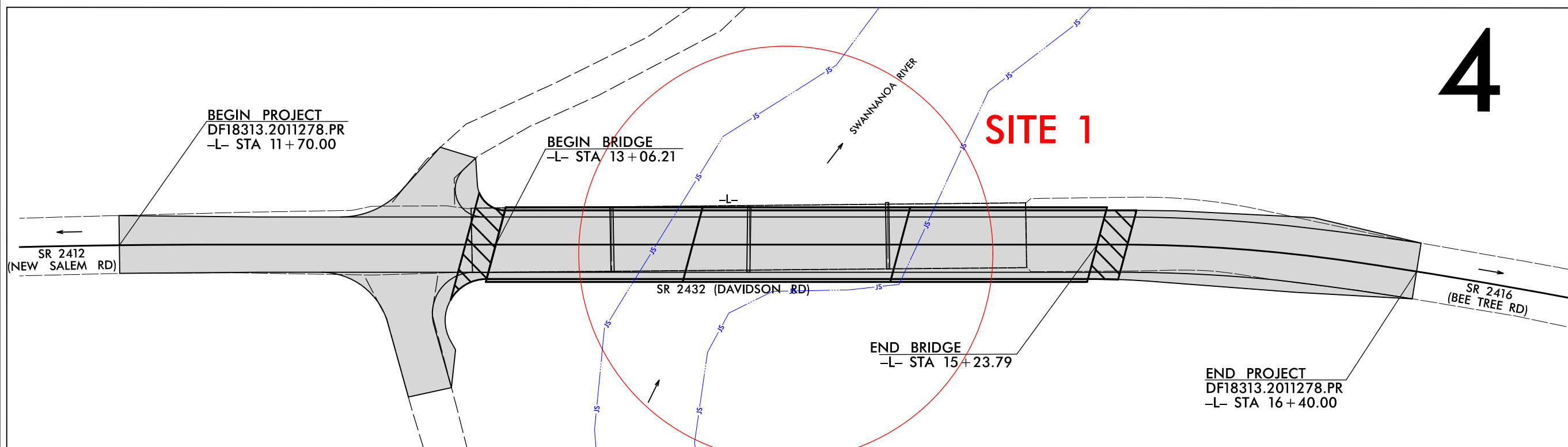
WETLAND AND SURFACE WATER IMPACTS PERMIT

9-4-2025



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEET
N.C.	DF18313.2011278.PR	1	
STATE PROJ.NO.	F.A.PROJ.NO.	DESCRIPTION	
DF18313.2011278.PR		PE	
DF18313.2011278.PR		R/W	
DF18313.2011278.PR		UTIL.	
DF18313.2011278.PR		CONST.	

PERMIT DRAWING
SHEET 1 OF 5



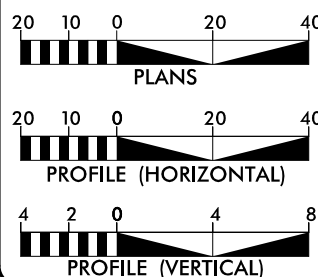
THIS IS NOT A CONTROLLED ACCESS PROJECT.

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

THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES.

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

GRAPHIC SCALES



DESIGN DATA

ADT 2025 = 390
ADT 2045 = 480
V = 45 MPH
TTST = 4% DUAL = 3%
FUNC CLASS = LOCAL
SUBREGIONAL TIER

PROJECT LENGTH

LENGTH OF ROADWAY PROJECT DF18313.2011278.PR = 0.048 MILES
 LENGTH OF STRUCTURE PROJECT DF18313.2011278.PR = 0.041 MILES
 TOTAL LENGTH OF PROJECT DF18313.2011278.PR = 0.089 MILES

PLANS PREPARED BY:



TGS ENGINEERS
201 W. MARION ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275



R.E. BURNS & SONS CO
P. O. BOX 7188
STATESVILLE, NC 28687

PH (704) 924-8646

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

MAR. 18, 2025

LETTING DATE:
MAR. 18, 2025

PLANS PREPARED FOR:

NCDOT
ALTERNATIVE DELIVERY UNIT
1020 BIRCH RIDGE DR
RALEIGH, NC 27610

JIMMY L. TERRY, PE
PROJECT ENGINEER

KATELYN S. ALMOND
PROJECT DESIGN ENGINEER

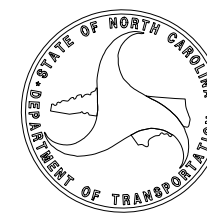
SOLOMON MENGESHA
NCDOT CONTACT

HYDRAULICS ENGINEER

SIGNATURE: _____ *P.E.*

**ROADWAY DESIGN
ENGINEER**

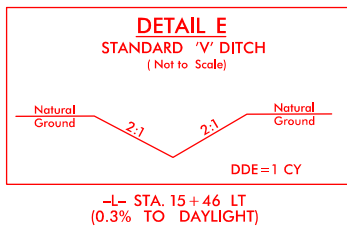
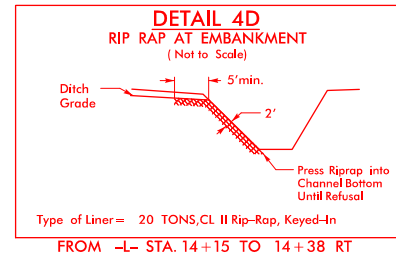
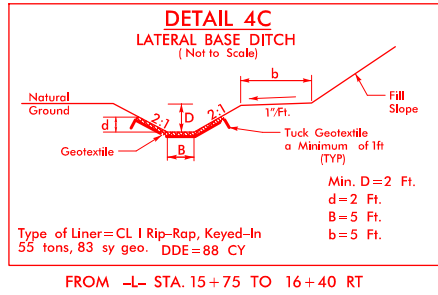
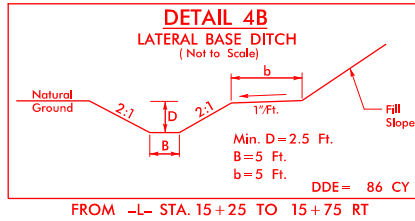
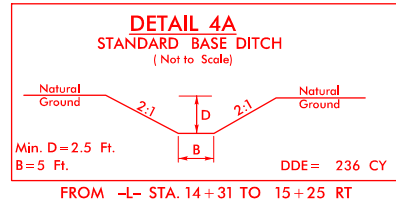
SIGNATURE: _____ **P.E.** _____



8/17/99

REVISIONS

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11/17/2025 11:00 AM



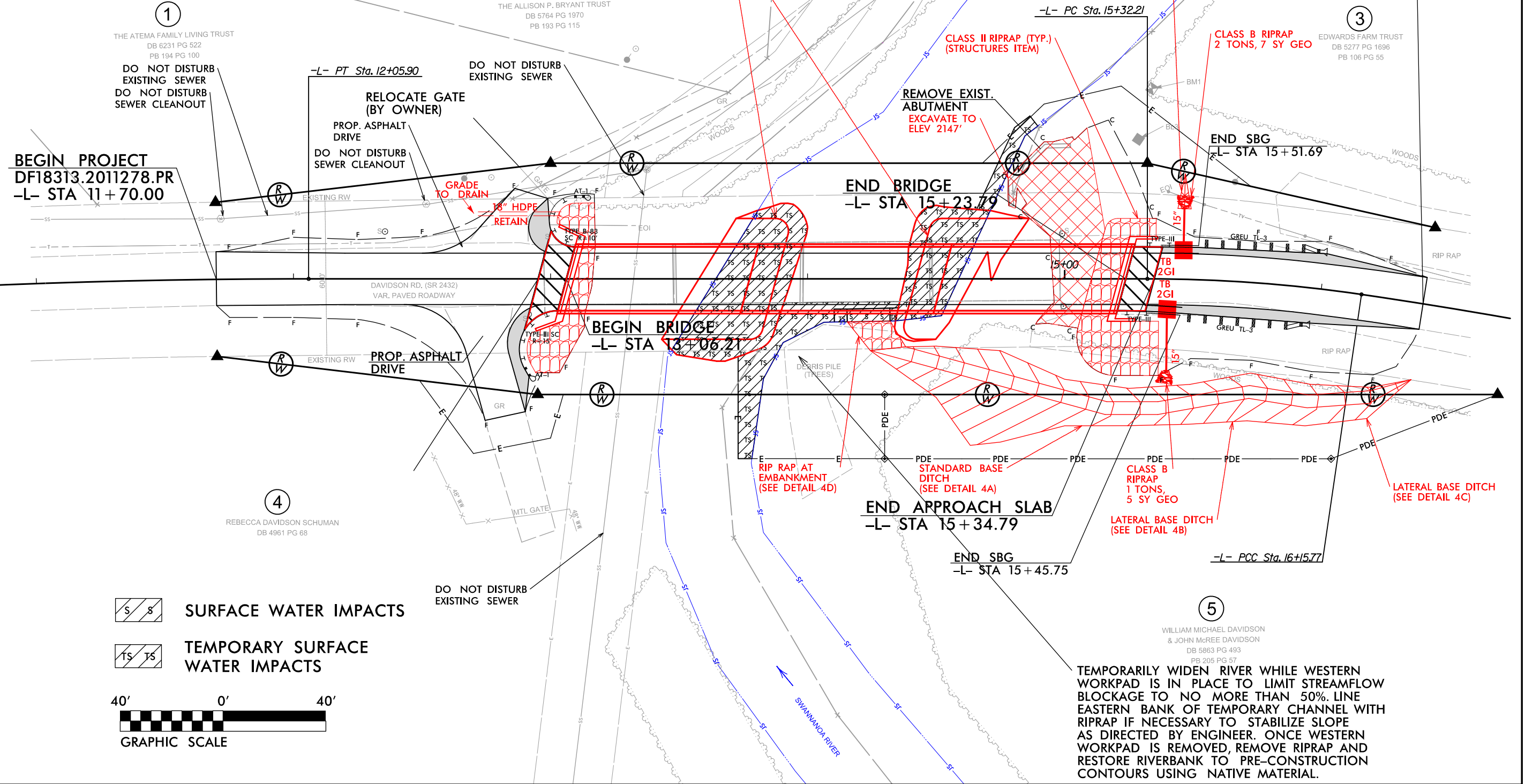
PERMIT DRAWING
SHEET 2 OF 5

②
THE FAYE O. WARD REVOCABLE
DECLARATION OF TRUST
DB 4870 PG 568
PB 136 PG 35

PROJECT REFERENCE NO. DF18313.2011278.PR	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 TGS ENGINEERS 201 W. MARION ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

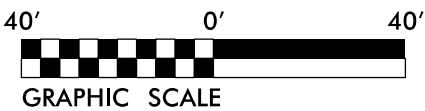
END PROJECT
DF18313.2011278.PR
-L- STA 16+40.00

③
EDWARDS FARM TRUST
DB 5277 PG 1696
PB 106 PG 55



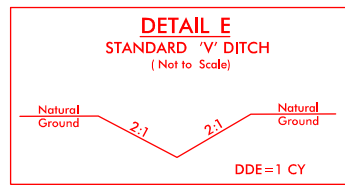
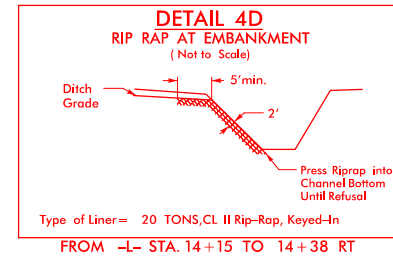
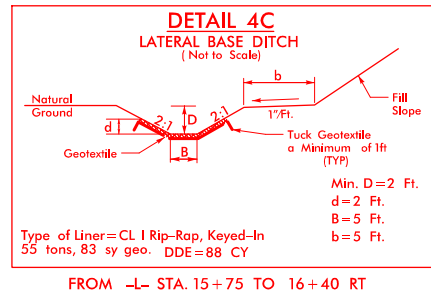
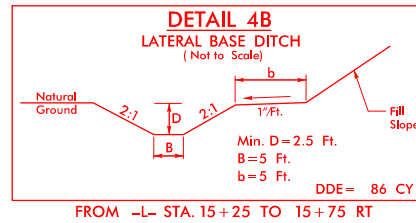
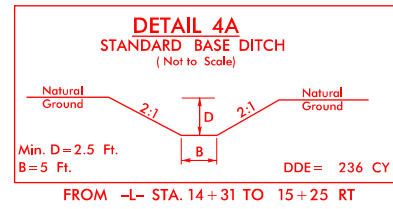
SURFACE WATER IMPACTS

TEMPORARY SURFACE
WATER IMPACTS

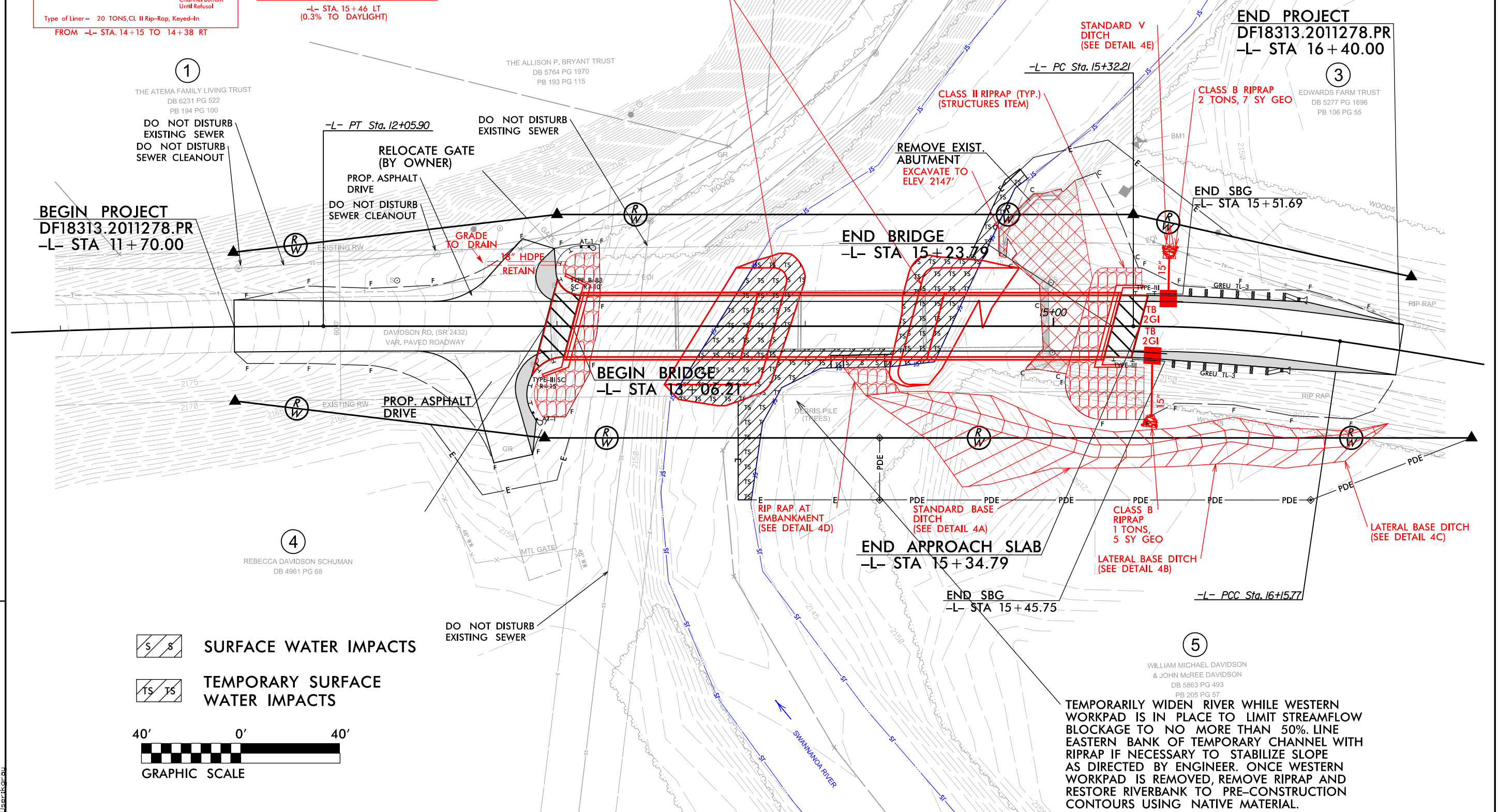


TEMPORARILY WIDEN RIVER WHILE WESTERN
WORKPAD IS IN PLACE TO LIMIT STREAMFLOW
BLOCKAGE TO NO MORE THAN 50%. LINE
EASTERN BANK OF TEMPORARY CHANNEL WITH
RIPRAP IF NECESSARY TO STABILIZE SLOPE
AS DIRECTED BY ENGINEER. ONCE WESTERN
WORKPAD IS REMOVED, REMOVE RIPRAP AND
RESTORE RIVERBANK TO PRE-CONSTRUCTION
CONTOURS USING NATIVE MATERIAL.

PERMIT DRAWING
SHEET 3 OF 5




TEMP WORKPAD BENCHES AT ELEV 2146



TEMPORARILY WIDEN RIVER WHILE WESTERN
WORKPAD IS IN PLACE TO LIMIT STREAMFLOW
BLOCKAGE TO NO MORE THAN 50%. LINE
EASTERN BANK OF TEMPORARY CHANNEL WITH
RIPRAP IF NECESSARY TO STABILIZE SLOPE
AS DIRECTED BY ENGINEER. ONCE WESTERN
WORKPAD IS REMOVED, REMOVE RIPRAP AND
RESTORE RIVERBANK TO PRE-CONSTRUCTION
CONTOURS USING NATIVE MATERIAL.

5/14/99
9/3/2025
X:\2025\100380\Hydraulics\PERMITS\Environmental\Drawings\100380_Hyd.prm.pfl.dgn
User:korau

PROJECT REFERENCE NO.	SHEET NO.
DF18313.2011278.PR	5
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
 TGS ENGINEERS 201 W. MARION ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

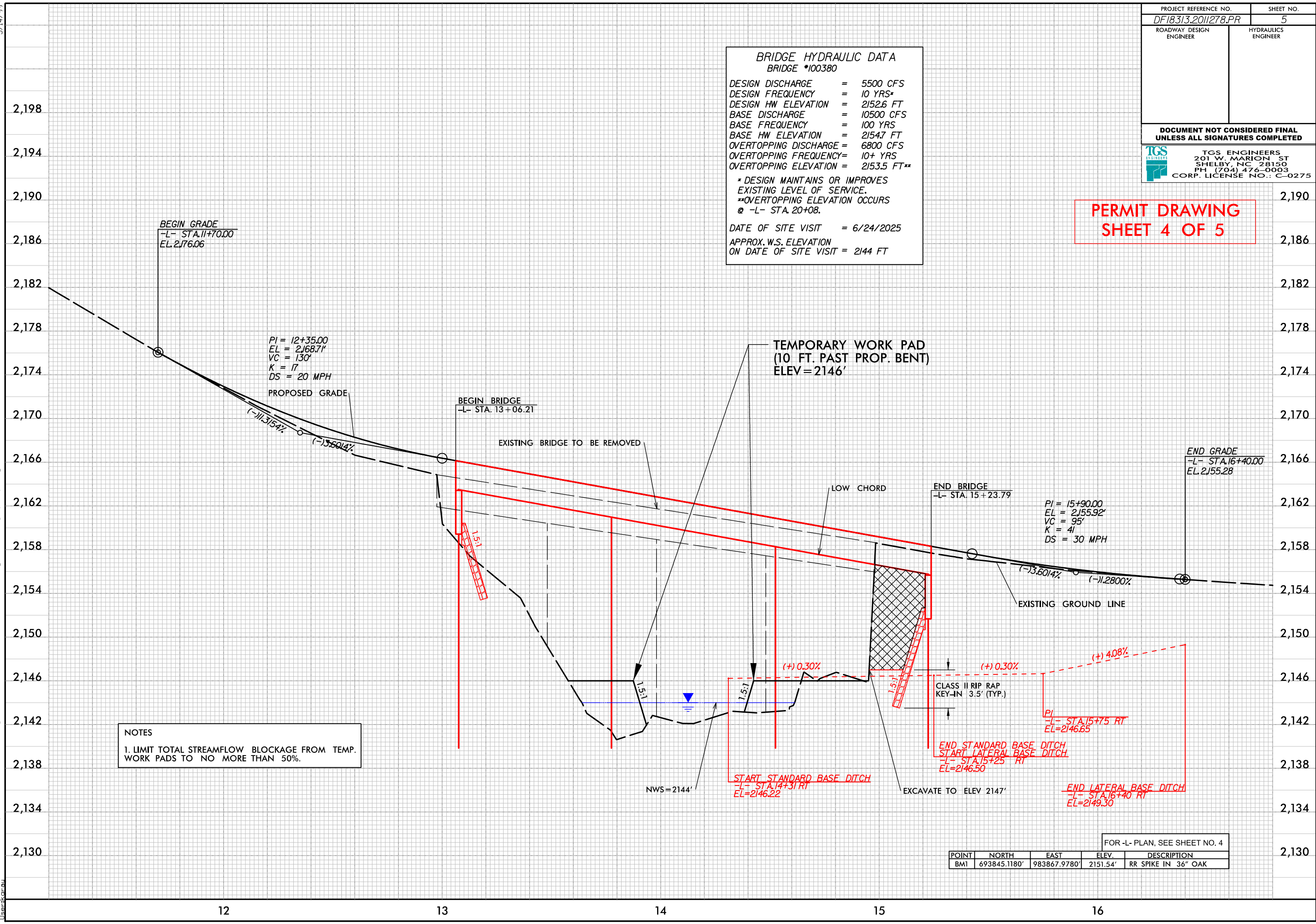
BRIDGE HYDRAULIC DATA
BRIDGE #100380

DESIGN DISCHARGE = 5500 CFS
DESIGN FREQUENCY = 10 YRS*
DESIGN HW ELEVATION = 2152.6 FT
BASE DISCHARGE = 10500 CFS
BASE FREQUENCY = 100 YRS
BASE HW ELEVATION = 2154.7 FT
OVERTOPPING DISCHARGE = 6800 CFS
OVERTOPPING FREQUENCY = 10+ YRS
OVERTOPPING ELEVATION = 2153.5 FT**

* DESIGN MAINTAINS OR IMPROVES
EXISTING LEVEL OF SERVICE.
**OVERTOPPING ELEVATION OCCURS
@ -L- STA. 20+08.

DATE OF SITE VISIT = 6/24/2025
APPROX. W.S. ELEVATION
ON DATE OF SITE VISIT = 2144 FT

PERMIT DRAWING
SHEET 4 OF 5



WETLAND AND SURFACE WATER IMPACTS SUMMARY

Site No.	Station (From/To)	Structure Size / Type	Stream Name	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- 14+10 to 14+35 RT	Bank Stabilization	Swannanoa River						0.002	0.001	17	8	
1	-L- 13+47 to 14+90 LT & RT	Temporay Workpads/Temporary Dewatering	Swannanoa River							0.083		166	
TOTALS*:				0.000	0.000	0.000	0.000	0.000	0.002	0.084	17	174	0

*Rounded totals are sum of actual impacts

NOTES:

1. Estimate approximately 0.2 acre of trees greater than 3" DBH to be cleared.

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
9/4/2025
Buncombe County
DF18313.2011278.PR
Bridge #100380
SHEET 5 OF 5