

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

September 5, 2025

MEMORANDUM TO: Division Environmental and Construction Units

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

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SUBJECT: Environmental Permits for the Replacement of Bridge 56 on NC 275 over

South Fork Catawba River in Gaston County, Division12, TIP: BR-0019.

Please find enclosed the following permits for this project:

Agency	Permit Type	Permit Expiration		
US Army Corps of Engineers Section 404 Clean Water Act Permit	Regional General Permit 50	May 25, 2030		
NC Division of Water Resources Section 401 Water Quality Certification	General Certification No. 7679 [RGP 50] [non-notifying]	May 25, 2030		

Work is authorized by the above referenced permit provided it is accomplished in strict accordance with the permitted plans. The Environmental Coordination and Permitting Group or the Division Environmental Office must be consulted if any deviation from the permit(s) is required.

The General Conditions and Certifications for Nationwide and Regional Permits can be referenced at: https://xfer.services.ncdot.gov/pdea/PermIssued/ General Conditions and Certifications/

The Project Commitments "Greensheet" is located on the Preconstruction SharePoint Dashboard at: https://connect.ncdot.gov/site/preconstruction

Telephone: (919) 707-6000

Customer Service: 1-877-368-4968

Website: www.ncdot.gov



DEPARTMENT OF THE ARMY

U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT CHARLOTTE REGULATORY OFFICE 8430 UNIVERSITY EXECUTIVE PARK DRIVE, SUITE 615 CHARLOTTE NORTH CAROLINA 28262

September 2, 2025

Regulatory Program/Division SAW-2025-01368

Sent Via Email: wabarrett@ncdot.gov

William Barrett, ECAP Environmental Coordinator NCDOT Environmental Analysis Unit 1598 Mail Service Center Raleigh, NC 27699-1598

Dear Mr. Barrett:

This letter is in response to the application you submitted to the Wilmington District - WRDA/Transportation Branch on July 16, 2025, for a Department of the Army general permit verification. This project has been assigned the file number SAW-2025-01368 and is known as NCDOT / BR-0019 / Br 56 / NC 275 / Gaston / Div 12. 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 temporary placement of fill material in 141 If of South Fork Catawba River from the placement of causeways/construction areas to demolish existing bridge and supports, place new bridge support piers, and construct the new NC 275 bridge. In addition, this project will include additional temporary placement a total of 76 lf (approximately 41 lf of this impact will overlap with the impact area for the construction of the new bridge and 35 If will be downstream and under the footprint of the temporary detour bridge) of causeways/construction areas for placement/removal of a temporary detour roadway bridge across South Fork of Catawba River directly downstream of the existing NC 275 Bridge. This project will also include the temporary impact to 32 If of South Fork Catawba River for placement of construction access causeway upstream of the NC 275 Bridge for the construction and stabilization of a stormwater ditch outlet into the South Fork of Catawba River. The project area for this determination includes a 3.3 acres area which is illustrated on the enclosed site plans/maps. The project/review area is located across South Fork Catawba River on NC 275 (Dallas Stanley Highway) across South Fork of Catawba River approximately 400 feet southwest of the intersection of NC 275 (Dallas Stanley Highway) and Old Willis School Road, at Latitude 35.330320 and Longitude -81.132610; near Dallas, Gaston County, North Carolina.

We have determined that the proposed work is authorized by Regional General Permit 50 (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 enclosed general permit conditions, any regional conditions, the special conditions listed in this letter, the application materials, and the enclosed plans NCDOT Project: BR-0019, Bridge No. 350056 on NC 275 over S. Fork Catawba River, Gaston County. If the extent of the project area and/or nature of the authorized impacts to waters are modified, a revised application must be submitted to this office for written approval before work is initiated. Any deviation from the terms and conditions of the permit, or your submitted plans, may subject the permittee to enforcement action.

This verification is valid until May 25, 2030, unless the subject general permit(s) is suspended, revoked, or is modified prior to that date such that the activity no longer complies with the terms and conditions of the general permit.

Project Specific Special Conditions:

- 1. All work must be performed in strict compliance with (a) the description of work in the PCN and (b) the Wetlands and Surface Water Impact Permit Drawing(s) (Permit Plans) in the application dated July 10, 2025. Any modification to the description of work and/or the permit plans must be approved by the USACE prior to implementation.
- 2. 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.
- 3. Temporary Causeways Project Specific Special Conditions:
 - **a.** The permittee shall ensure that no more than 50% of river flow is constricted by the causeway(s) at any time.
 - b. The permittee shall implement all reasonable and practicable measures to ensure that equipment, structures, causeways, 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 by the USACE.

- **c.** The permittee shall ensure that any equipment that is placed on the causeways is removed when either of the following situations is forecasted or anticipated: (1) the water level will rise to a point where the equipment could be flooded (even during work days), and/or (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.
- d. The permittee shall ensure that staff working on the bridge (1) are aware that river users may occasionally pass under the overhead construction area, (2) watch the area for river users, (3) halt work if someone is seen approaching the bridge, and (4) pause all overhead work until river users safely leave the area.
- **e.** Upon completion of work that requires the causeways to be in the river, the permittee shall remove all readily detectible causeway material, to the extent practicable, while removing as little of the original riverbed as possible.

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 Steve Brumagin, WRDA/Transportation Project Manager of the Charlotte Field Office at 704-798-6471, by mail at the above address, or by email at stephen.a.brumagin@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

WRDA/Transportation Branch Chief

M. Scott form

Enclosures

Permit Plans 401 WQC-GC 7679 RGP-50

cc (w/enclosures):

Erin Cheely, NCDOT EAU (via ekcheely@ncdot.gov)

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 <u>stephen.a.brumagin@usace.army.mil</u> or by mail at the below address:

U.S. Army Corps of Engineers

Wilmington District, Charlotte Field Office

Street Address: 8430 University Executive Park Drive,

City: Charlotte State: North Carolina Zip Code: 28262

	сом	PLETED BY THE CO	DRPS						
Corps Action Number:	SAW-202	25-01368							
Permit Type: General Permit									
General Permit Number and Name (if applicable):									
Name of Permittee: NCDOT- William Barrett									
Project Name: NCDOT / BR-0019 / Br 56 / NC 275 / Gaston / Div 12									
Project Location (physical address): on NC 275 (Dallas Stanley Highway) across South Fork of Catawba River approximately 400 feet southwest									
of the intersection of NC 275 (Dallas Stanley High	way) and	Old Willis School Roa	ad near Dallas, North Carolina						
	PERM	MITTEE'S CERTIFICA	ATION						
Date Work Started:	Date Work Started:								
Date Work Completed:									
Enclose photographs showing the completed project (if	available).								
I hereby certify th	at the wor	k authorized by the a	bove referenced permit has been	completed in accordance					
with all of the permit terms and conditions, and that any conditions.	required	compensatory mitiga	ition has been completed in accor	rdance with the permit					
		D-4-	Circa at						
Name		Date	Signature						



North Carolina Department of Transportation

Highway Stormwater Program STORMWATER MANAGEMENT PLAN



Version 3.00: Released August 2021)

FOR NCDOT PROJECTS

WBS Element:	67019.1.1	TIP/Proj No:	BR-0019		County(ies):	Gaston			F	age 1	of 2		
General Project Information													
WBS Element:		67019.1.1		TIP Number:	BR-0019		Project	Type:	Bridge Replacement	Date:	8/22/2023		
NCDOT Contact:		David Stutts, PE				Contractor / Desig			s, EI - RK&K				
	Address:	Structures Manag	ement Unit				Address:	Forum I					
		1581 Mail Service	Center					8601 Six F	orks Road, Suite 700				
		Raleigh, NC 2769	9-1581				Raleigh, NC						
	Phone:	919-707-6442				Phone: 984-238-7216							
	Email:	dstutts@ncdot.gov	<u>v</u>				Email: sjones@rkk.com						
City/Town:			Dall	as		County(ies):	Gast	ton					
River Basin(s):		Cata	wba			CAMA County?	No	ס					
Wetlands within Pro	ject Limits?	No											
					Project Desc								
Project Length (lin. ı	miles):	0.3	88	Surrounding L	and Use:	Low density resider	ntial, commerc	ial, and agr	icultural; woods along flood	plain			
				Proposed Project					Existing Site				
Project Built-Upon A	rea (ac.)		1.9		ac.			1.4	ac.				
Typical Cross Section	on Description:			l' paved shoulders.			2 lane highwa	ay with 12' l	anes and no paved should	ers.			
		Detour: 2 lane hig	nway with 12 ian	es and 2' paved sh	ouiders.								
Annual Ann Daile Ta	- ff: - / -/ /- \					00.45							
Annual Avg Daily Tra General Proje		Design/Future		,500		2045	Existing:		9,400 / 8,700		ear: 2018 / 2020		
(Description of Min		The North Carolina Department of Transportation (NCDOT) has proposed to replace Gaston County Bridge #350056 on NC 275 over the South Fork Catawba River. The existing structure is an 8-span, 370' bridge (2@35', 3@65', 3@35'), consisting of a reinforced concrete (RC) deck on I-beams, with RC caps on RC piers (channel) or H-piles											
Quality I		(overbank). The existing structure will be removed and replaced with a 400' bridge consisting of 5 80' spans. The proposed bridge will utilize 45" girders on 4' caps and will											
	,				0 ,	ents. There will be no deck drains on the bridge, thus eliminating direct discharge into the stream. Bridge							
						d discharged onto a rip rap pad. Ditches have been designed to produce velocities below the permissible							
		maximum of 3.5 fp	os (based on pres	sence of Congaree	Loam soils) at	all proposed outfalls	posed outfalls to the South Fork Catawba River.						
		Design mitigations	s (Avoidance/Mini	mization) for strear	ms include:								
		0 0	`	eximized to promote		m roadway.							
							iver during bot	h Erosion C	Control phases. These basi	ns will treat the	majority of the		
		. ,	•	•	0	ıth Fork Catawba Riv							
		•	•	used in conjunction	n with temporar	ry work pads to limit	release of sed	iment durin	g removal of existing interio	or bents and ins	stallation of		
		proposed interior I	pents.										
		A detour bridge w	ill be required due	to the high volum	e of traffic and	the length of an offsi	ite detour. The	e detour bri	dge and fill will be removed	after construc	tion and will be		
		A detour bridge will be required due to the high volume of traffic and the length of an offsite detour. The detour bridge and fill will be removed after construction and will be seeded with a natural riparian vegetative seed mix. Temporary work pads in the stream are to be staged to avoid exceeding 50% blockage of the stream flow area at any one											
		time.											
		NOTE: Danieur Of		14/-t									
		NOTE: Design Sta	andards in Sensiti	ve watersneds are	e to be impieme	ented for this project							



North Carolina Department of Transportation

Highway Stormwater Program STORMWATER MANAGEMENT PLAN

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(Version 3.00; Released August 2021) FOR NCDOT PROJECTS											
WBS Element: 67019.1.1	TIP/Proj No.:	BR-0019	County(ies):	Gaston	2	of	2				
General Project Information											
Waterbody Information											
Surface Water Body (1): South Fork Catawba River NCDWR Stream Index No.: 11-129-(14.5)											
NCDWR Surface Water Classification fo	yr Wator Body		Primary Classification:	Water Supply I\	/ (WS-IV)						
NODWIX Surface Water Classification is	or water body		Supplemental Classification:	ion: None							
Other Stream Classification:	Non	ie									
Impairments:	Non	ie									
Aquatic T&E Species?	No	Comments:									
NRTR Stream ID:				Buffer Rules in Effect:			N/A				
Project Includes Bridge Spanning Water Body? Yes			Deck Drains Discharge Over Buffer? N/A		Dissipator Pads Provided in Buffer?			N/A			
Deck Drains Discharge Over Water Body?			(If yes, provide justification in the General Project Narrative) (If yes, describe in the General Project						no, justify i	n the	
(If yes, provide justification in the				Gene	eral Project Narra	ative)					

1827 BEGIN PROMECT -L- ROC \$ta.8+20.00 END PROJECT -L- POT Sta.28+**2**0.00 Bridge No. 56. VICINITY MAP (NOT TO SCALE) See Sheet 1A For Index of Sheets

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

GASTON COUNTY

LOCATION: BRIDGE NO. 350056 ON NC 275 OVER S. FORK CATAWBA RIVER

TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, AND RESURFACING

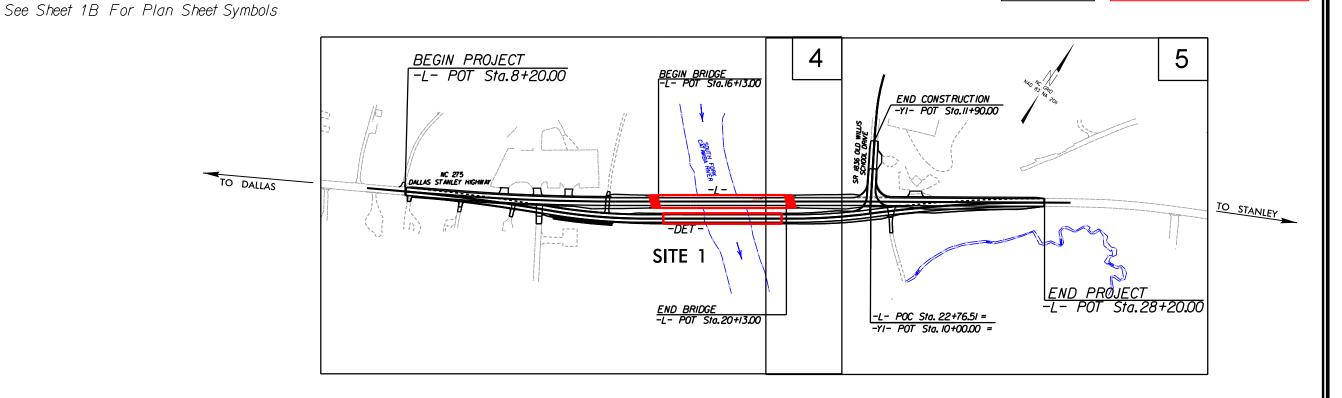
WETLAND AND SURFACE WATER IMPACTS PERMIT

STATE	STATE		NO.		SHEETS		
N.C.	B			1			
STAT	E PROJ. NO.	P. A. PROJ. NO.		DESCRIPTION			
67	019.1.1				P.E.		
67	'019 .2. 1		R/	W	UTIL.		





PERMIT DRAWING SHEET 1 OF 9



NO:

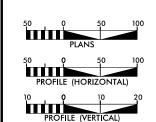
6100

BR

OIE

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III. THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES.

GRAPHIC SCALES



DESIGN DATA

ADT 2018 = 9,400ADT 2045 = 11,500

> DHV = 10%DIR = 60%

T = 6%* V = 50 MPH

* TTST = 1% DUAL 5%

FUNC CLASS = MINOR ARTERIAL

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT BR-0019 = 0.303 mi LENGTH STRUCTURE TIP PROJECT BR-0019 = 0.076 mi TOTAL LENGTH TIP PROJECT BR-0019 = 0.379 mi

RKK

RUMMEL, KLEPPER & KAHL, LLP 8601 SIX FORKS ROAD, FORUM 1 SUITE 700 RALEIGH, NORTH CAROLINA 27615–3960 NC LICENSE NO. F-012 1–888–521–4455 OR 919–878–9560

DIVISION OF HIGHWAYS

2018 STANDARD SPECIFICATIONS RIGHT OF WAY DATE:

March 15, 2023 LETTING DATE:

April 16, 2024

Scott D. Blevins, P.E.

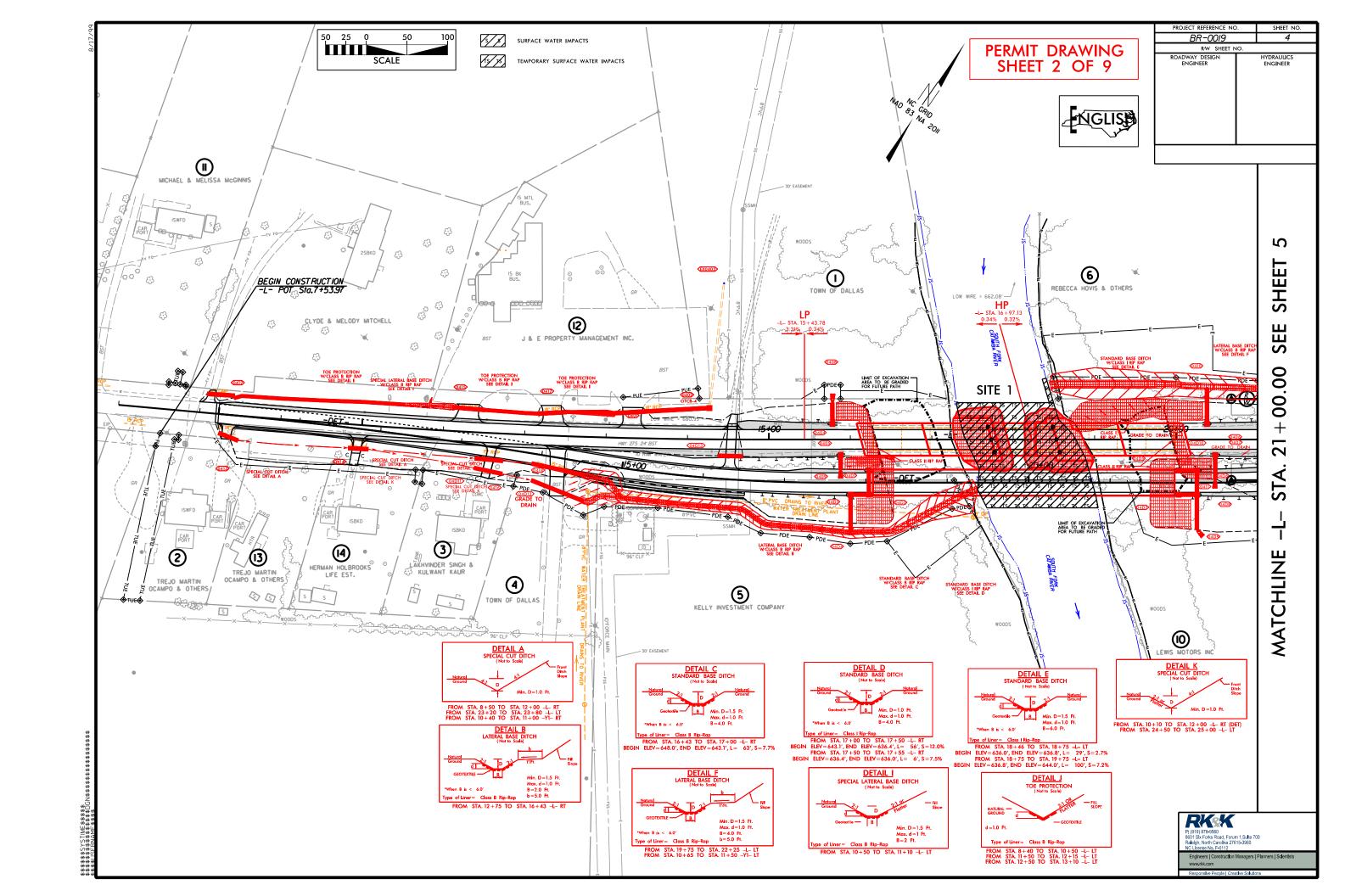
Carter Mull, P.E. PROJECT DESIGN ENGINEER

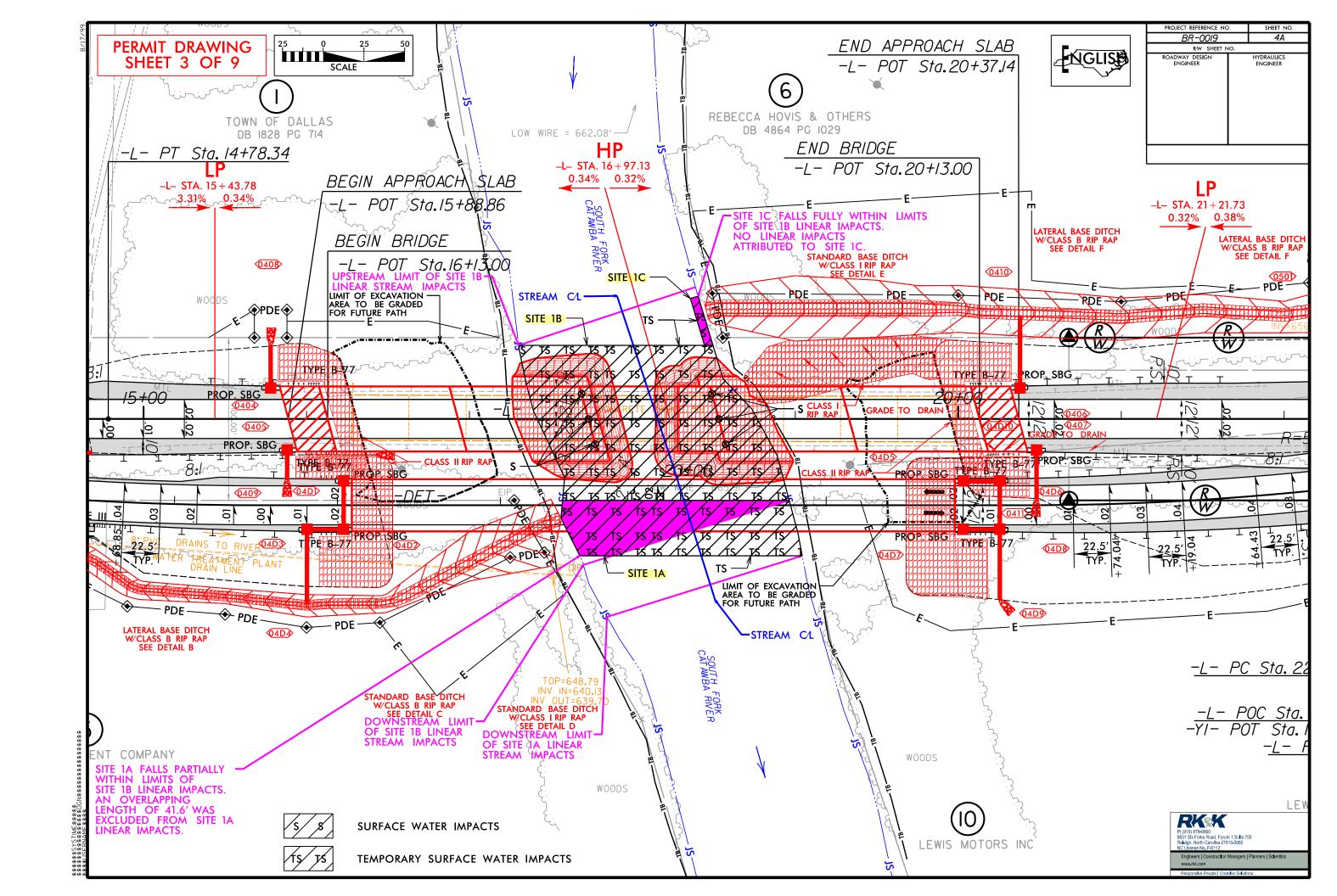
David Stutts, P.E. NCDOT CONTACT

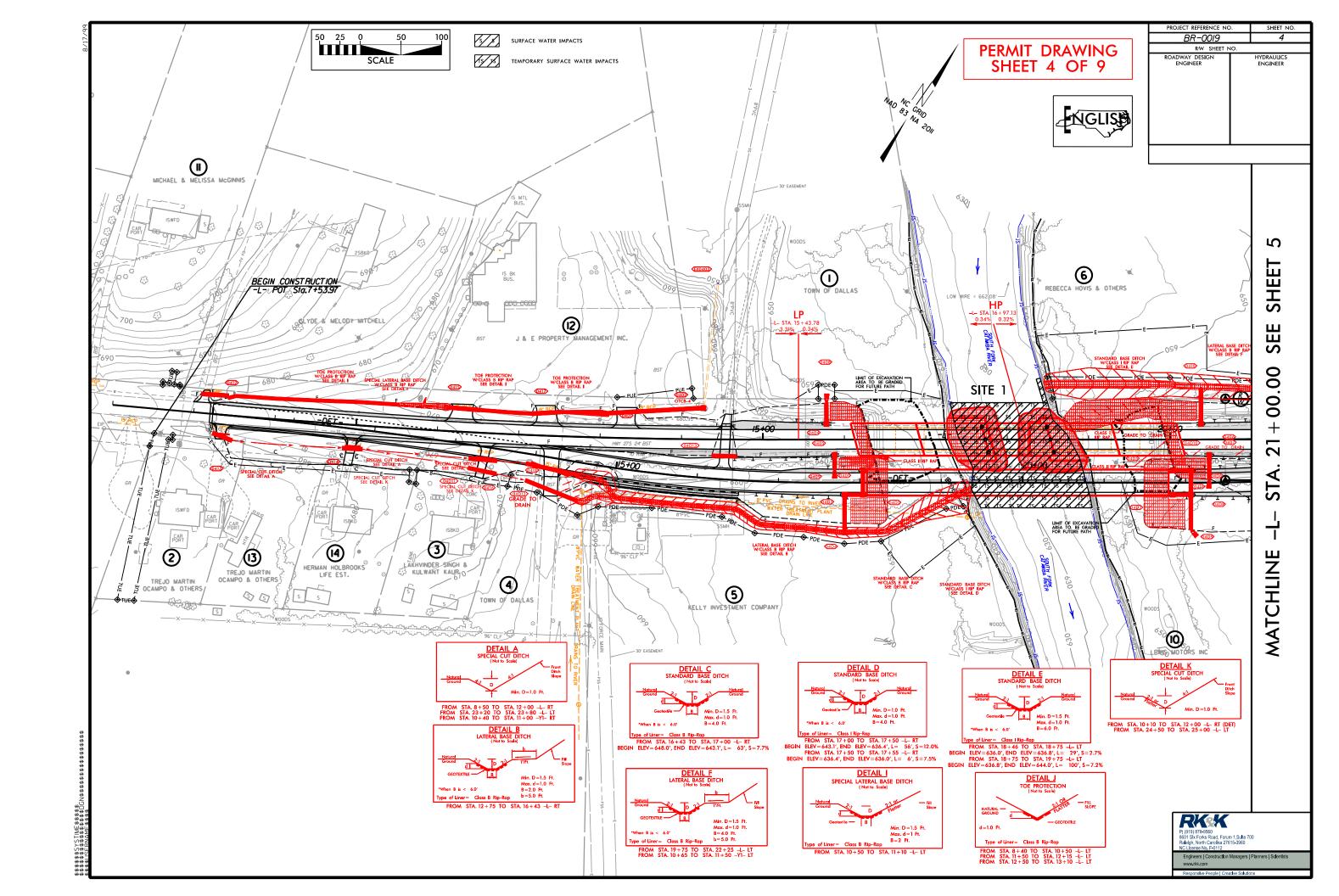
HYDRAULICS ENGINEER

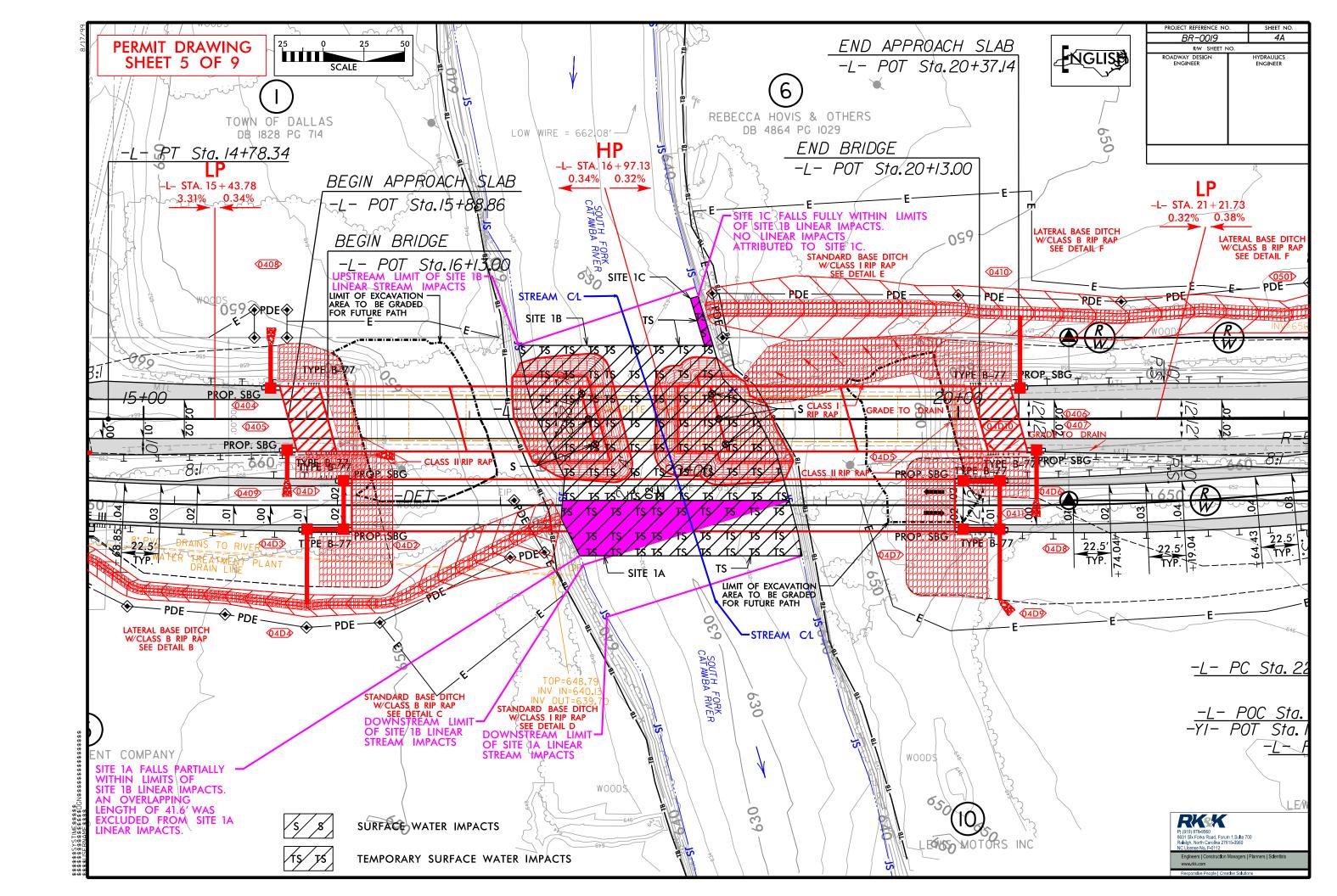
SIGNATURE: ROADWAY **DESIGN** ENGINEER

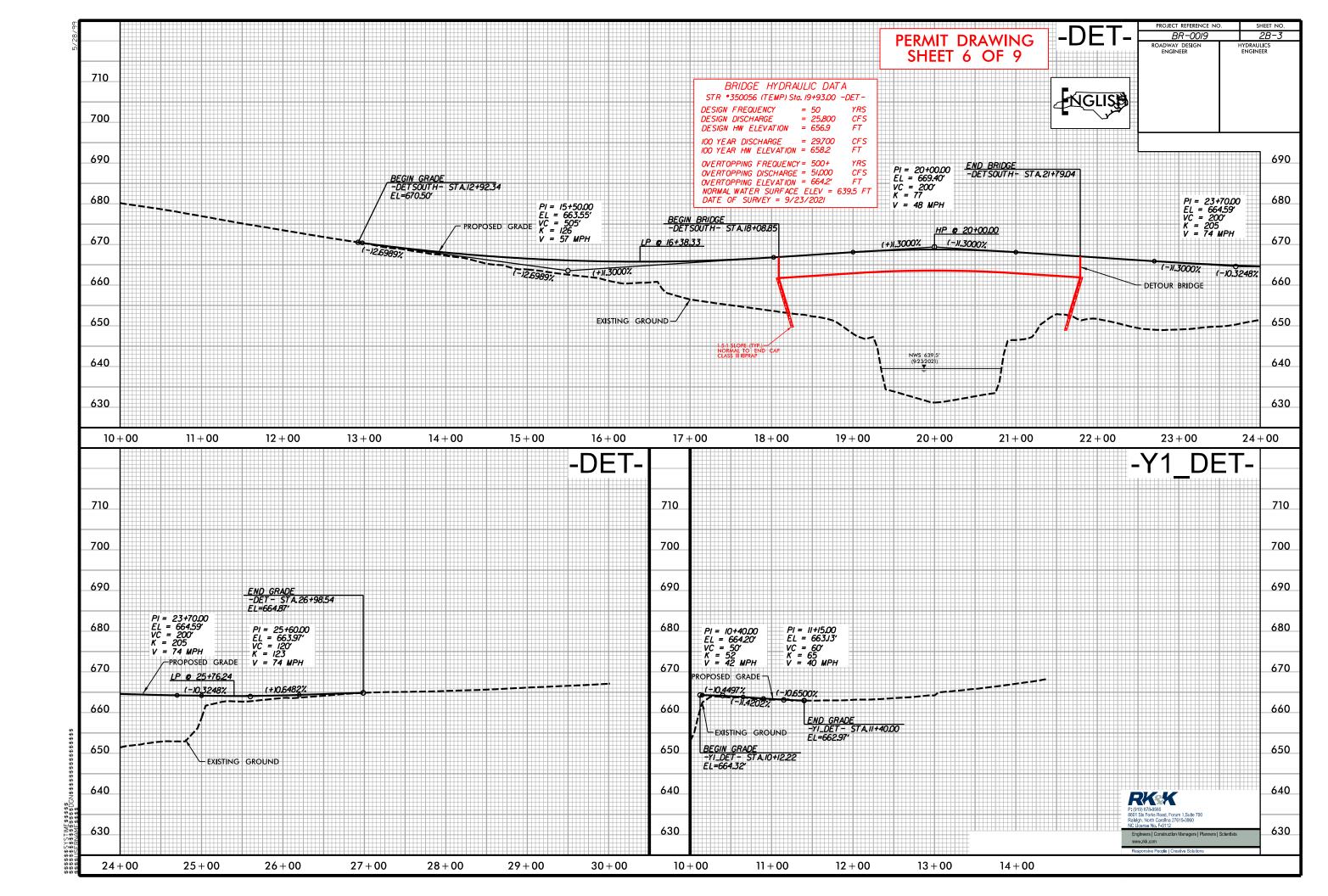


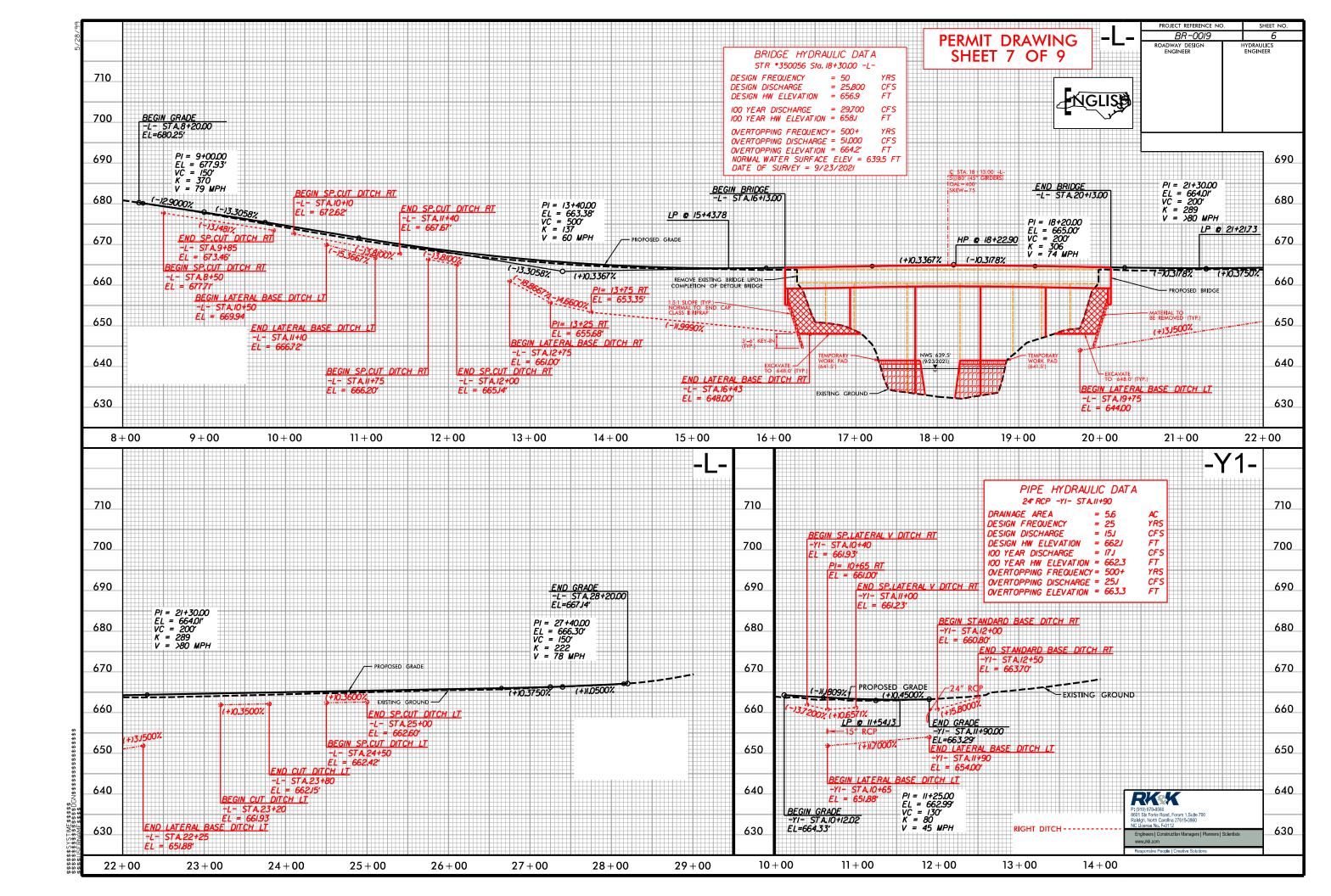




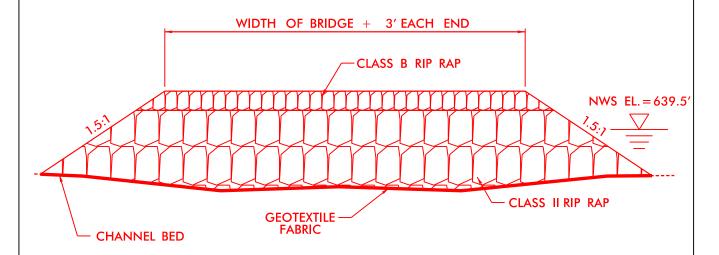


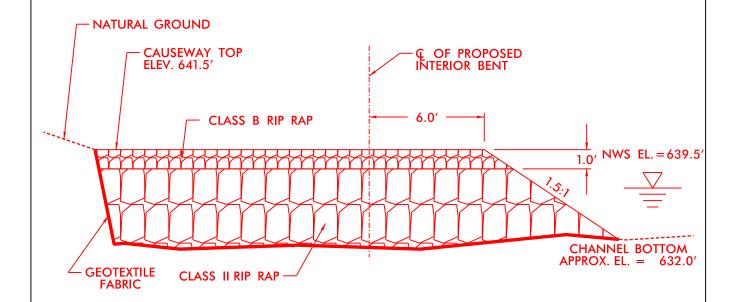






TEMPORARY WORK PAD DETAIL NOT TO SCALE





NCDOT

DIVISION OF HIGHWAYS
GASTON COUNTY
PROJECT: BR-0019
BRIDGE NO. 56 OVER
SOUTH FORK CATAWBA RIVER
ON DALLAS STANLEY HIGHWAY
(NC 275)

8 / 22 / 2023

PERMIT DRAWING SHEET 8 OF 9

				WETLAN	ID AND SI	URFACE W	ATER IMP	ACTS SUN	MARY			
				WE	TLAND IMP	ACTS		SURFACE WATER IMPACTS				
			Permanent		Excavation	Mechanized	Hand Clearing	Permanent	Temp.	Existing Channel	Existing Channel	l .
Site No.	Station (From/To)	Structure Size / Type	Fill In Wetlands (ac)	Fill In Wetlands (ac)	in Wetlands (ac)	Clearing in Wetlands (ac)	in Wetlands (ac)	SW impacts (ac)	SW impacts (ac)	Impacts Permanent (ft)	(ft)	Stream Design (ft)
1A	-L- 17+56 - 19+04 RT	Detour & Standard Base Ditch							0.11		35	
1B	-L- 17+30 - 18+96	Temporary Work Pads Prop Bridge: 5@80'; 48" Girder							0.28		141	
1C	-L- 18+36 - 18+49 LT	Standard Base Ditch							< 0.01			
TOTAL	S*:	<u> </u>							0.40	0	176	0

*Rounded totals are sum of actual impacts

NOTES:

- Site 1A linear temporary impacts partially overlap Site 1B. Only 34.8' of linear impacts that fall ouside of Site 1B, as measured along the stream centerline, were quantified for Site 1A in the impact table. An overlap of 41.6' was excluded from Site 1A linear temporary impacts.
- Site 1B permanent impacts from 6 piers of 4' diameter, for a total of 75.4 sf.
- Begin bridge and end bridge temporary work pads cover an area within Site 1B of 0.087 ac and 0.101 ac, respectively.
- Temporary work pads are to be staged to avoid blocking >50% of channel flow area at any one time.
- Site 1C linear temporary impacts of 31.7' fully overlap Site 1B. Only Site 1B impact lengths quantified in the impact table.

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
8/22/2023
GASTON COUNTY
BR-0019
67019.1.1
SHEET 9 OF 9

Revised 2018 Feb