



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H. JOHNSON
SECRETARY

August 27, 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 123 over Charles Creek on Charles Creek Road (SR
1345) in Mitchell, Division 13, WBS DF18313.2061227.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 14 Action ID: SAW-2026-01123 Dated August 27, 2026	March 14, 2031
NC Division of Water Resources Section 401 Water Quality Certification	Water Quality Certification No 8569 [14] Project ID: 20260779 Dated August 25, 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
ASHEVILLE REGULATORY OFFICE
151 PATTON AVENUE, ROOM 208
ASHEVILLE NORTH CAROLINA 28801

August 27, 2026

Regulatory Division
SAW-2026-01123

Sent Via email: recrowther@ncdot.gov

Robert Crowther, PWS
NC Department of Transportation, ECAP
1598 Mail Service Center
Raleigh, NC 27699

Dear Mr. Crowther:

This letter is in response to the Pre-Construction Notification (PCN) you submitted to the Wilmington District, WRDA/Transportation Branch on June 19, 2026, for a Department of the Army Nationwide Permit (NWP) verification. This project has been assigned the file number SAW-2026-01123 and is known as NCDOT / Hurricane Helene / DF18313.2061227.PR / Br 123 / SR 1345 / Mitchell / Div 13. 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 removal of the temporary SR 1345 bridge placed after Tropical Storm Helene, construction of a new single span 45-foot-long bridge at that location, placement of 21 linear feet (lf) of bank stabilization and utilization of 63 lf temporary stream impact from dewatering, and placement of dual 48" culverted temporary road crossing in Charles Creek during the construction of the new bridge. The project area for this determination includes a two acres area which is illustrated on the enclosed site plans/maps, Drawings 1-6 of 6, entitled. "Contract: C205024, TIP Project: DTF18313.2061227.PR", revised August 8, 2026. The project/review area is located across Charles Creek; on SR 1345 (Charles Creek Road) approximately 0.43 miles northwest of the intersection of Charles Creek Road and the NC 261, at Latitude 36.073000 and Longitude -82.113330; near Bakersville, Mitchell County, North Carolina.

We have determined that the proposed work is authorized by Nationwide Permit 14 (NWP-14) 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) 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 submitted June 23, 2026, and revised August 8, 2026. 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 Road Crossing and Bridge Construction Special Conditions
 - a) The permittee shall implement all reasonable and practicable measures to ensure that equipment, structures, temporary road crossing, 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.
 - b) Upon completion of work that requires the temporary road crossing to be in the stream, the permittee shall remove culverts and all readily detectable roadway fill material, to the extent practicable (excluding any material-rock that will be used for bank stabilization that is authorized by this verification letter), while removing as little of the original riverbed as possible.
- 4) The permittee shall comply with the terms and conditions (#1-5) of the letter from the North Carolina Wildlife Resources Commission dated June 23, 2026 (attached to

authorization) which includes an instream disturbance moratorium from October 15, 2026, to April 15, 2027, and subsequent moratorium periods.

- 5) The permittee shall comply with the guidelines/requirements of the “Biological and Conference Opinions and Informal Consultations – Batch Format Replace Multiple Crossing Structures Destroyed by Tropical Storm Helene in Buncombe, Madison, McDowell, Mitchell, and Yancey Counties, North Carolina” as signed by USFWS on September 4, 2025 (attached to authorization). Specifically, those guidelines/requirements related to the Mitchell County Bridge #123 project and actions/activities to protect gray bats, northern long-eared bats, or tricolored bats.

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 Stephen 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,

A handwritten signature in black ink that reads "M. Scott Jones". There are some light red marks above the signature.

M. Scott Jones, PWS
WRDA/Transportation Branch Chief

Enclosures

Project Plans

401 WQC GC #8569

NCWRC comment letter dated June 23, 2026

USFWS Biological and Conference Opinions and Informal Consultations – Batch Format Replace Multiple Crossing Structures Destroyed by Tropical Storm Helene... dated September 4, 2025

NWP-14

cc (w/enclosures)

Yates Allen, NCDOT (via ryallen@ncdot.gov)

Lori Beckwith, ACOE (via Loretta.A.Beckwith@usace.army.mil)

Dave McHenry, NCWRC (via david.mchenry@ncwildlife.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.		<i>Form Approved -</i> OMB No. 0710-0003 <i>Expires 2027-10-31</i>
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 stephen.a.brumagin@usace.army.mil or by mail at the below address: U.S. Army Corps of Engineers Charlotte Field Office Street Address: 8430 University Executive Park Dr., Suite 615 City: Charlotte State: North Carolina Zip Code: 28262		
COMPLETED BY THE CORPS		
Corps Action Number: SAW-2026-01123 Permit Type: General Permit General Permit Number and Name (if applicable): NWP-14 Name of Permittee: Robert Crowther Project Name: NCDOT / Hurricane Helene / DF18313.2061227.PR / Br 123 / SR 1345 / Mitchell / Div 13 Project Location (physical address): Charles Creek Road Bakersville, North Carolina		
PERMITTEE'S CERTIFICATION		
Date Work Started: Date Work Completed: Enclose photographs showing the completed project (if available). I _____ hereby certify that the work authorized by the above referenced permit has been completed in accordance with all of the permit terms and conditions, and that any required compensatory mitigation has been completed in accordance with the permit conditions.		
Name	Date	Signature



North Carolina Wildlife Resources Commission

M. Kyle Briggs, Executive Director

June 23, 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 123 over Charles Creek on SR 1345 (Charles Creek Road), Mitchell County (**DF18313.2061227**), DWR 20260779 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 timber bridge over Charles Creek (C Tr HQW) that was destroyed by flooding from Hurricane Helene. Dual pipes will be installed upstream of the bridge for a temporary detour. There is a temporary bridge in place now.

Charles Creek at the bridge is excellent quality trout habitat that supports wild Brown Trout (*Salmo trutta*) and Brook Trout (*Salvelinus fontinalis*) populations. Brook Trout are a *Species of Greatest Conservation Need* due to habitat degradation and range reductions. Therefore, as noted in scoping comments for this bridge project, the upcoming moratoria for Brook Trout (October 15, 2026 to April 15, 2027, and subsequent moratorium periods), should be adhered to for instream disturbance from the bridge

work. Examples of instream work proposed with this project include installation and removal of the temporary detour and excavation.

Note that temporary flow diversion pipes can block trout movements and thereby impede spawning. Therefore, their use should typically be avoided during trout moratorium periods. However, the use of temporary flow pipes for this project during the specified moratorium(s) is acceptable to NCWRC in order to expedite the work in this Helene impacted stream. However, the temporary pipes should be oversized and set as level as possible and embedded to promote backwatering, hopefully at least partially.

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 Brook Trout (October 15, 2026 to April 15, 2027, and subsequent moratorium periods), should be adhered to for instream disturbance from this bridge work.
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. Areas of temporary disturbance of the stream channel (e.g on-site detours or 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.

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
Rob Crowther, PWS, NCDOT ECAP

401

Certification (NCDWR)

JOSH STEIN
Governor

D. REID WILSON
Secretary

RICHARD E. ROGERS, JR.
Director



August 25, 2026

DWR # 20260779
Mitchell County

North Carolina Department of Transportation
Attn: Robert Crowther
1598 Mail Service Center
Raleigh, NC 27699

Delivered via email to: recrowther@ncdot.gov

Subject: Certificate of Coverage Approval under Water Quality General Certification No. 8569
Replacement of Bridge 123 over Charles Creek on Charles Creek Road
(SR 1345); WBS DF18313.2061227.PR.
USACE Action ID. No. SAW-2026-01123

Location: 36.073, -82.113333

Dear Mr. Robert Crowther:

This Certificate of Coverage approval is issued to Robert Crowther and the North Carolina Department of Transportation, dated August 25, 2026. This Certificate of Coverage authorizes work under General Certification No. 8569 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 June 19, 2026, with fee received on June 19, 2026, and subsequent information on July 31, 2026, and August 8, 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. 8569.

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	Mitigation Amount Required
Perennial Streams			
Site 1 / Charles Creek / Bank Stabilization	21 linear feet	0 linear feet	0 credits
Site 1 / Charles Creek / Dewatering for bank stabilization	0 linear feet	63 linear feet	0 credits
Site 1 / Charles Creek / Detour culvert	0 linear feet	66 linear feet	0 credits
Site 1 / Charles Creek / Dewatering for detour culvert	0 linear feet	21 linear feet	0 credits
<i>Totals:</i>	<i>21 linear feet</i>	<i>150 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 Permitting Transportation 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 8569

Electronic cc: Lori Beckwith, USACE Asheville Regulatory Field Office
 Holland Youngman, USFWS Asheville Field Office
 Michael Turchy, NCDOT ECAP Group Leader
 Mike Sanderson, NCDOT Division 13 Environmental Officer
 Dave McHenry, NCWRC
 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: DF18313.2061227.F		TIP/Proj No: DF18313.2061227.PR		County(ies): Mitchell		Page 1 of 2	
General Project Information							
WBS Element:		DF18313.2061227.PR		TIP Number:		DF18313.2061227.PR	
NCDOT Contact:		MARC SHOWN, PE		Contractor / Designer:		LABELLA - SANDRA HAYES, PE	
Address:		1000 BIRCH RIDGE ROAD		Address:		400 S. TRYON STREET	
		RALEIGH, NC 27610				SUITE 1300	
						CHARLOTTE, NC 28285	
Phone:		919-707-6751		Phone:		704-941-2133	
Email:		MTSHOWN@NCDOT.GOV		Email:		SHAYES@LABELLAPC.COM	
City/Town:		BAKERSVILLE		County(ies):		Mitchell	
River Basin(s):		French Broad		CAMA County?		No	
Wetlands within Project Limits?						NO	
Project Description							
Project Length (lin. miles or feet):		0.05		Surrounding Land Use:		RURAL	
Project Built-Upon Area (ac.):		0.2		ac.		0.2	
Typical Cross Section Description:		-L- Line: Two 9' travel lanes @ NC cross slope (0.02%); 3' min. grassed shoulders with varying slopes from 4:1 to 2:1. -L- Line at Bridge: Two 9'-5" travel lanes @ NC; with vertical barrier rail. Driveway: Two 5'-6" to 6' travel lanes @ NC; 1' min. grassed shoulders with varying slopes from 4:1 to 2:1. Min. shoulder +3' from face of guardrail.		-L- Line: Two 6' to 7' travel lanes at NC. -L-Line at Bridge: One 15' travel lane @ NC. Driveway: Two 5' travel lanes.			
Annual Avg Daily Traffic (veh/hr/day):		Design/Future: 200		Year: 2022		Existing: 200	
Year: 2022							
General Project Narrative: (Description of Minimization of Water Quality Impacts)		Project: BR 600123 - SR 1345 (Charles Creek Road) over Charles Creek. The proposed project includes replacing Bridge 600123 that was washed out during Hurricane Helene in September 2024. The proposed bridge is one (1) span @ 45 LF - 21" cored slab (-L- STA. 13+49.00+/- to 13+94.00+/-), with vertical abutments (4' End Bent Cap #1 West and 5' End Bent Cap #2 East on sloping abutments), and 42" vertical concrete barrier rail. The proposed bridge typical section is 18'-10" (clear roadway) with 21'-0" (out to out). The proposed roadway alignment is improved, and the proposed bridge is shifted slightly to the northwest and skewed. Due to the shift and additional skew, a floodplain bench similar to the existing bench will be excavated on the right channel bank (looking downstream) in the immediate area of the bridge that will tie-into the existing upstream and downstream channel banks. Sloping abutments shall be 1.5:1 and armored with Class II Riprap. The proposed roadway drainage consists of two outfalls onto Class II riprap stabilized floodplain bench or slope. The two independent systems are located at Stations -L- 13+47.5, 10.7 RT and 14+16.5, 9.4 LT. An 18" closed pipe system with <1 foot of cover will be replaced replaced and outfall on the Class II riprap stabilized floodplain bench/slope. A temporary detour will be needed to provide access while the proposed bridge is under construction. The temporary detour pipes consist of dual 48" HDPEs downstream of the existing and proposed bridge relocation.					



North Carolina Department of Transportation

Highway Stormwater Program
STORMWATER MANAGEMENT PLAN

FOR NCDOT PROJECTS



(Version 3.02; Released April 23, 2024)

WBS Element: DF18313.2061227.F TIP/Proj No.: DF18313.2061227.PR County(ies): Mitchell Page 2 of 2

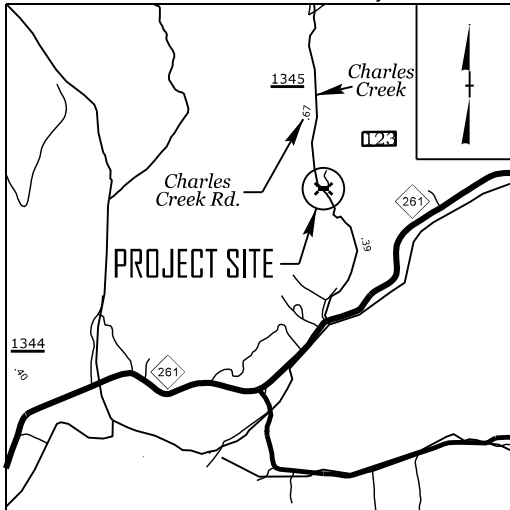
General Project Information

Waterbody Information

Surface Water Body (1):	CHARLES CREEK		NCDWR Stream Index No.:	7-2-64-13-3	
NCDWR Surface Water Classification for Water Body	Primary Classification:		Class C		
	Supplemental Classification:		Trout Waters (Tr)		
Other Stream Classification:					
Impairments:					
Aquatic T&E Species?		Comments:			
NRTR Stream ID:			Buffer Rules in Effect:	N/A	
Project Includes Bridge Spanning Water Body?	Yes	Deck Drains Discharge Over Buffer?	Yes	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)					

CONTRACT: C205024 TIP PROJECT: DF18313.2061227.PR

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols



VICINITY MAP (NTS)

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MITCHELL COUNTY

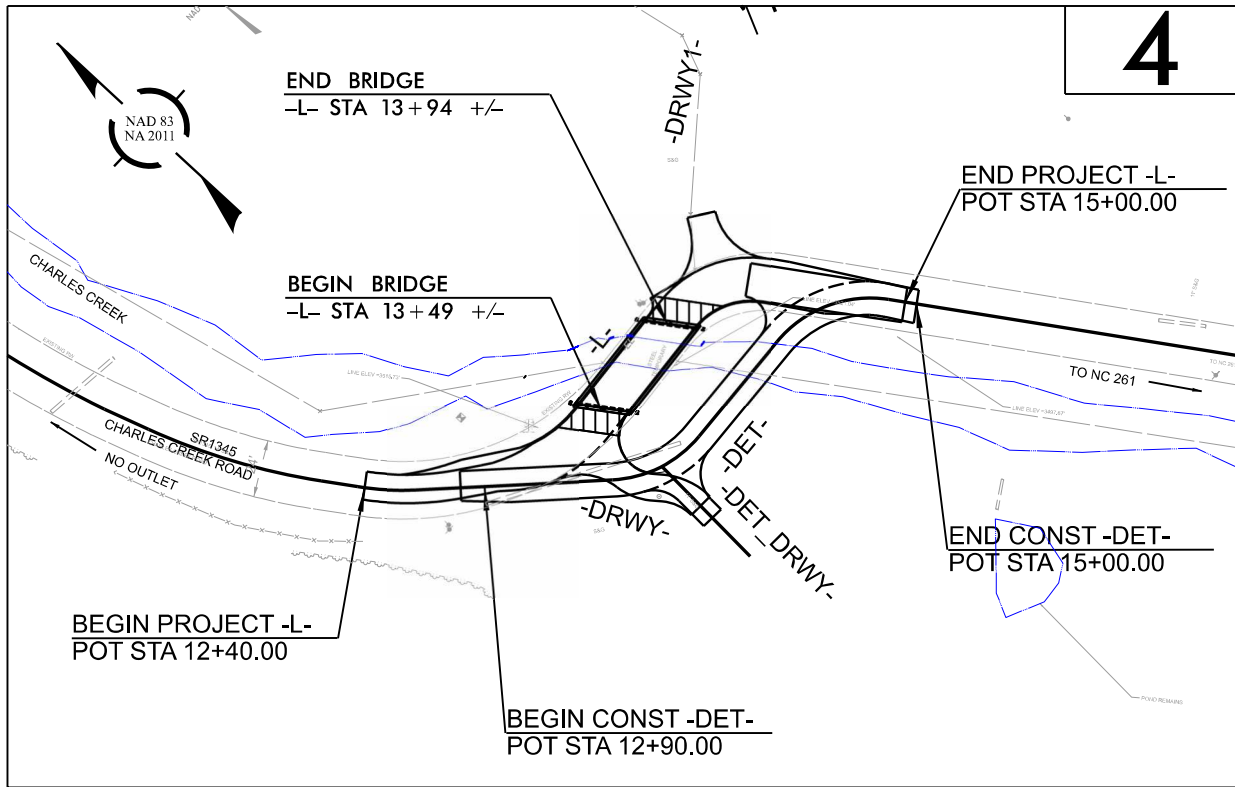
LOCATION: *REPLACE BRIDGE NO.600123 ON SR1345*
(CHARLES CREEK ROAD) OVER CHARLES CREEK

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

PERMIT DRAWING
SHEET 1 OF 6

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	DF18313.2061227.PR	1	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
DF18313.2061227.PR	N/A	P.E.	
DF18313.2061227.PR	N/A	R/W & UTIL.	
DF18313.2061227.PR	N/A	CONSTR.	
SUBMITTAL: S-0002		DRPS	08/15/25
RESPONSE: S-0002		DRPS	08/20/25
SUBMITTAL: S-0004		ROW PLANS	01/05/2025

WETLAND AND SURFACE WATER IMPACTS PERMIT



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

MC MOUNTAIN CREEK
CONTRACTORS

LaBella
Powered by partnership.
400 S. Tryon Street, Suite 1300
Charlotte, NC 28265
Phone (704) 376-6423
NC Firm License No: C-0430

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES



DESIGN DATA

ADT 2022 = 200

V = 20 MPH

FUNC CLASS =
RURAL LOCAL
SUBREGIONAL TIER

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT 600123 = 0.041 MILES
LENGTH OF STRUCTURE TIP PROJECT 600123 = 0.008 MILES
TOTAL LENGTH OF TIP PROJECT 600123 = 0.049 MILES

Prepared In the Office of:

KCI ASSOCIATES OF N.C., P.A.
4800 Falls of Neuse Road, Suite 200
Raleigh, NC 27609
Phone (919) 783-9214
NC Firm License No: C-0764

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 21, 2025

LETTING DATE:
JANUARY 21, 2025

Plans Prepared For:

DIVISION OF HIGHWAYS
1000 Birch Ridge Dr.
Raleigh NC, 27610

BARRY SMITH, P.E.
PROJECT ENGINEER

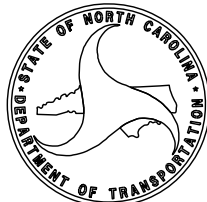
TYLER KRAUSS, P.E.
PROJECT DESIGN ENGINEER

ANDY HUSSEY, P.E.
NCDOT CONTACT

HYDRAULICS ENGINEER

SIGNATURE: P.E.
ROADWAY DESIGN ENGINEER

SIGNATURE: P.E.



TS TS TEMPORARY SURFACE WATER IMPACTS
S S SURFACE WATER IMPACTS

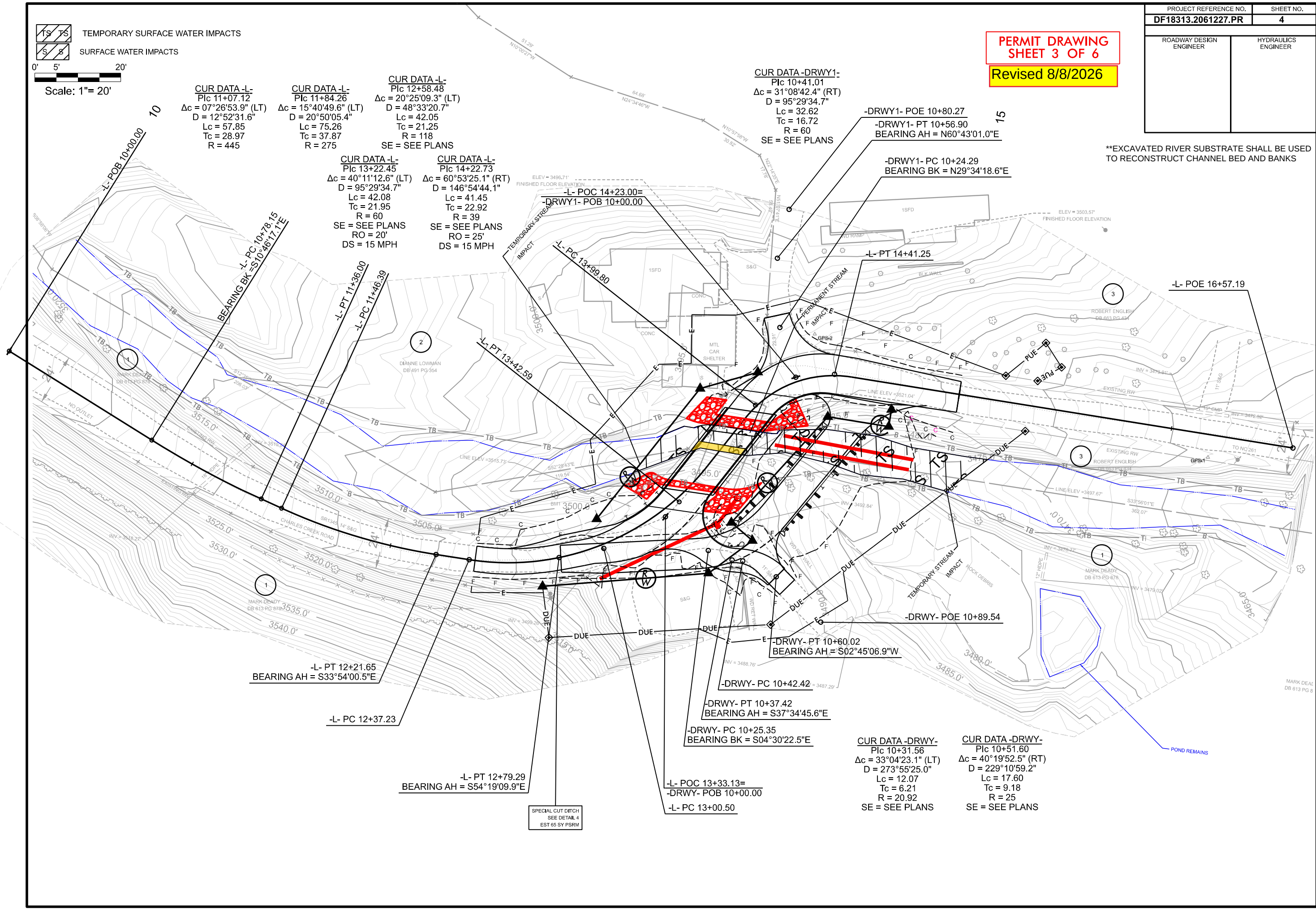
0' 5' 20'

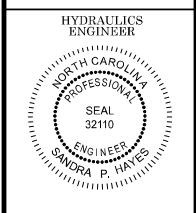
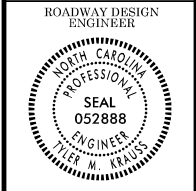
Scale: 1"= 20'

PERMIT DRAWING
SHEET 3 OF 6
Revised 8/8/2026

PROJECT REFERENCE NO.	SHEET NO.
DF18313.2061227.PR	4
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**EXCAVATED RIVER SUBSTRATE SHALL BE USED TO RECONSTRUCT CHANNEL BED AND BANKS



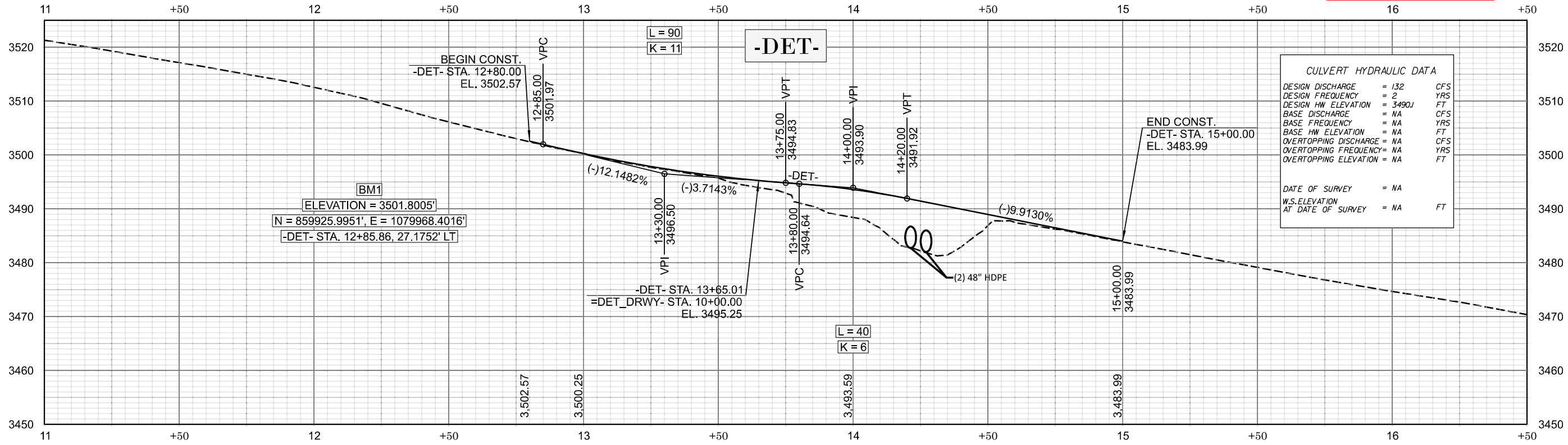


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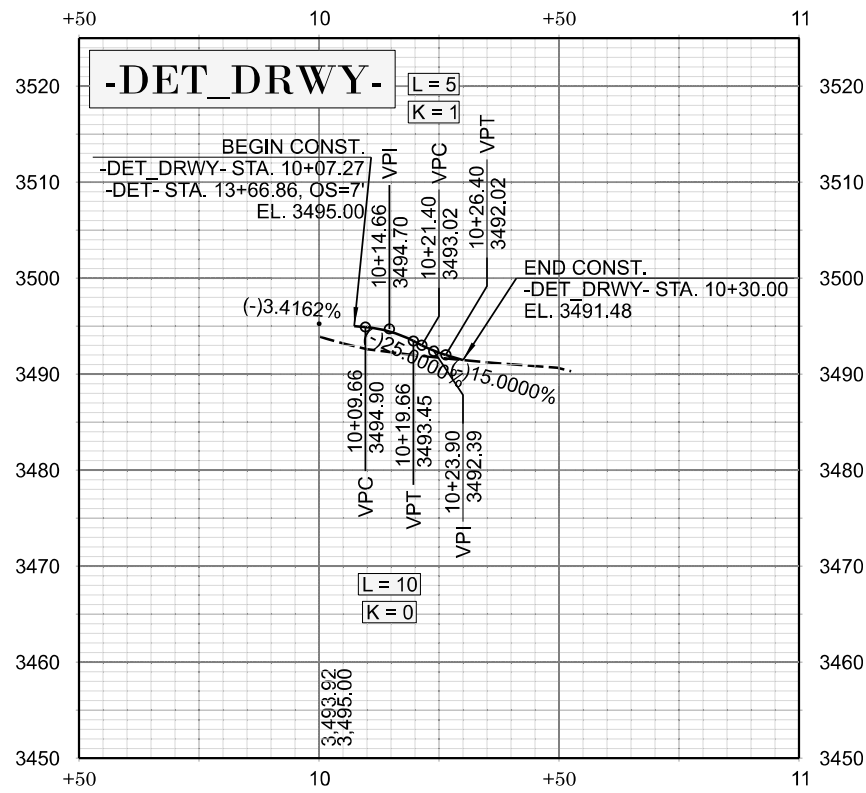
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

LaBella
Powered by partnership.
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Charlotte, NC 28203
Phone (704) 376-6423
NC Firm License No. C-04439

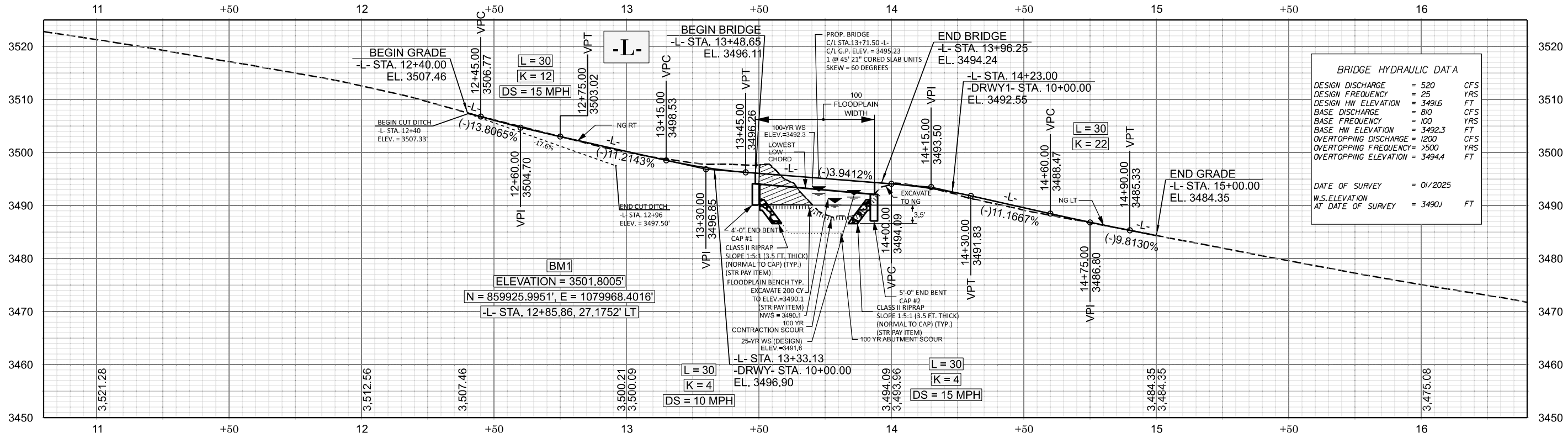
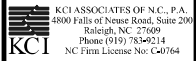
REVISIONS



FOR -DET- PLAN, SEE SHEET 2B-1



FOR -DET_DRWY1- PLAN, SEE SHEET 2B-1

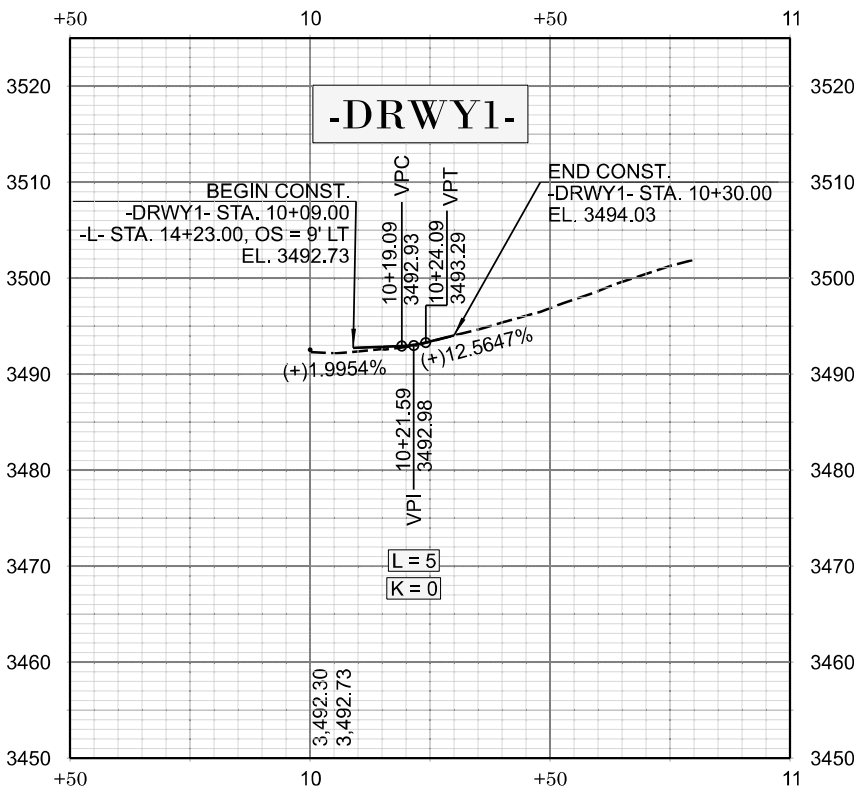
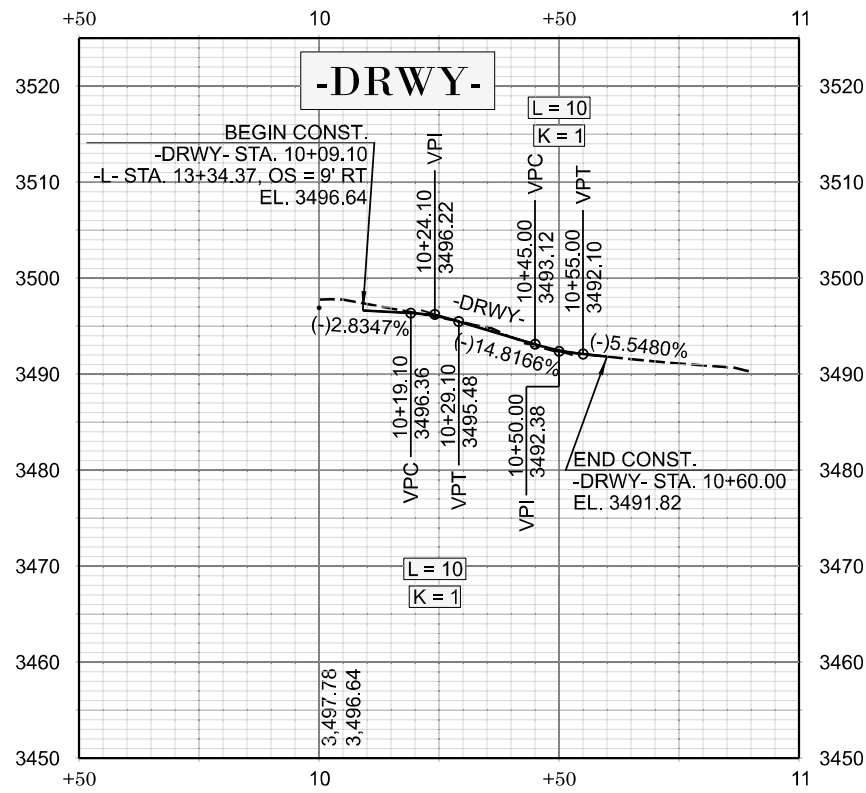


BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 520	CFS
DESIGN FREQUENCY	= 25	YRS
DESIGN HW ELEVATION	= 3491.6	FT
BASE DISCHARGE	= 810	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 3492.3	FT
OVERTOPPING DISCHARGE	= 1200	CFS
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING ELEVATION	= 3494.4	FT

DATE OF SURVEY = 01/2025
W.S. ELEVATION AT DATE OF SURVEY = 3490.1 FT

FOR J-PLAN, SEE SHEET 04



FOR -DRWY- PLAN, SEE SHEET 04
FOR -DRWY1- PLAN, SEE SHEET 04

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+40 LT TO 13+95 RT	PROPOSED BRIDGE							0.01		63	
1	-L- 13+77 LT TO 13+90 RT	CL. II RIP RAP						< 0.01		21		
1	-DET 14+04 LT TO 14+68 RT	DETOUR PIPES							0.03		87	
1	-L- 13+64 LT TO 13+80.6 RT	BANK STABILIZATION AFTER EXCAVATION							< 0.01	24		
TOTALS*:								< 0.01	0.05	45.33	150	0

*Rounded totals are sum of actual impacts

NOTES:

CL. II RIPRAP IS FOR THE SLOPING ABUTMENT WHICH ALSO SERVES AS BANK STABILIZATION
Bank stabilization impacts are coincidental to the the temporary impacts.

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
8/4/2026
MITCHELL
DF18313.2061227.PR
BRIDGE 600123
SHEET 6 OF 6