

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

JOSH STEIN

GOVERNOR

DANIEL H. JOHNSON

SECRETARY

November 17, 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:

Bridge 214 over Rocky Broad River on US 64 in Henderson County, and

3 pipe replacements on US 64/74A in Rutherford County,

Divisions 13 & 14, WBS 18313.1081015.

Please find enclosed the following permits for this project:

Agency	Permit Type	Expiration		
US Army Corps of Engineers	Nationwide Permit 3			
Section 404 Clean Water Act Permit	Action ID: SAW-2025-01882	March 14, 2026*		
Section 404 Clean Water Act Permit	Dated November 17, 2025			
NC Division of Water Resources	Individual Water Quality Certification	aveninas vyith		
	ID: 20251348	expires with above Permit		
Section 401 Water Quality Certification	Dated October 13, 2025	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.

*All 404 Nationwide Permits expire on March 14, 2026. Since new Nationwide Permits are not issued until the previous set expires, a one-year period exists between March 14, 2026, and March 14, 2027 to complete construction, or renew the permit under the new Nationwide Permit.

ECAP will coordinate with Division Environmental Staff to determine project completion timelines and initiate the renewal process, if necessary.

Telephone: (919) 707-6000

Customer Service: 1-877-368-4968

Website: www.ncdot.gov

404 Permit (USACE)



DEPARTMENT OF THE ARMY

U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT
WILMINGTON REGULATORY OFFICE
69 DARLINGTON AVENUE
WILMINGTON NORTH CAROLINA 28403

November 17, 2025

Regulatory Division SAW-2025-01882

Sent Via email: maturchy@ncdot.gov

Mr. Michael Turchy NC Department of Transportation Natural Environment Section 1598 Mail Service Center Raleigh, NC 27699-1598 Dear Mr., Turchy:

This letter is in response to the Pre-Construction Notification (PCN) you submitted to the Wilmington District, WRDA/Transportation Branch on October 6, 2025, for a Department of the Army Nationwide Permit (NWP) verification. This project has been assigned the file number SAW-2025-01882 and is known as the Bridge 214 and US 64/74AA Hurricane Helene repair project. 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 post Helene repairs to US 64/74A and involves the replacement of the US 64 bridge over the Broad River, the replacement of three culverts and the repair of the intersection along US 64/74 Chimney Park Road. Specific impacts include the permanent impact to 50 lf of stream channel due to bank stabilization and the temporary impact to 436 lf (0.035 ac of stream channel) resulting from dewatering and associated with work to be carried out under emergency exemptions. The project involves the replacement of the US 64 bridge over the Broad River south of the intersection of US 64 and US 74 and involves replacement of culverts and the repair of the intersection along US 64/74 Chimney Park Road in Bat Cave and Chimney Rock, in Henderson and Rutherford Counties respectively, at Latitude 35.45129 and Longitude -82.28716.

We have determined that the proposed work is authorized by NWP 3 pursuant to authorities under Section 404 of the Clean Water Act (33 U.S.C § 1344). The proposed work must be accomplished in strict accordance with the 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 14, 2026, 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:

- The Permittee shall implement commitments as described in the Historic Architecture and Landscapes Assessment of Effects Form (enclosed) to ensure no adverse effect to historic architecture resources.
- 2) This Department of the Army permit does not authorize you to take an endangered species, in particular the federally listed or proposed gray bat (Myotis grisescens), tricolored bat (Perimyotis subflavus), and northern longeared bat (Myotis septentrionalis, NLEB). In order to legally take a listed species, you must have separate authorization under the Endangered Species Act (ESA) (e.g., an ESA Section 10 permit, or a BO under ESA Section 7, with "incidental take" provisions with which you must comply). The enclosed U.S. Fish and Wildlife Service Biological Opinion (BO) 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 permit is conditional upon your compliance with all of the mandatory terms and conditions associated with incidental take of the attached BO, 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, where a take of the listed species occurs, would constitute an unauthorized take, and it would also constitute non-compliance with your permit. The U.S. Fish and Wildlife Service is the appropriate authority to determine compliance with the terms and conditions of its BO, 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 Crystal Amschler, Project Manager of the WRDA/ Transportation Branch at 828-526-6013, by mail at the above address, or by email at crystal.c.amschler@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, PWS

WRDA / Transportation Branch Chief

USACE - Wilmington District

Enclosures

U.S. Army Corps of Engineers (USACE)

CERTIFICATION OF COMPLIANCE WITH DEPARTMENT OF THE ARMY PERMIT

For use of this form, see Section 404 of the Clean Water Act, Section 10 of the Rivers and Harbors Act of 1899, and Section 103 of the Marine Protection, Research, and Sanctuaries Act; the proponent agency is CECW-COR.

Form Approved - OMB No. 0710-0003 Expires 2027-10-31

The Agency Disclosure Notice (ADN)

The Public reporting burden for this collection of information, 0710-0003, is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PURPOSE: This form is used by recipients of U.S. Army Corps of Engineer Regulatory permits to certify compliance with the permit terms and conditions.

Your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit, you are subject to permit suspension, modification, or revocation.

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the U.S. Army Corps of Engineers, Wilmington District, Regulatory Office.

The certification can be submitted by email at crystal.c.amschler@usace.army.mil or by mail at the below address:

U.S. Army Corps of Engineers Wilmington District Office

Street Address: 151 Patton Ave Rm 208

City: Asheville State: NC Zip Code: 28801

	Permit er and Name (<i>if applicable</i>): Michael Turchy the Br 214 and US 64/74AA Hurricane Helene repair project				
Corps Action Number:	SAW-202	25-01882			
Permit Type: General Permit					
General Permit Number and Name (if applicable):					
Name of Permittee:	Michael ⁻	Гигсһу			
Project Name:	the Br 21	4 and US 64/74AA H	lurricane Helene repair project		
Project Location (physical address):	Bat Cave	e/Chimney Rock, Nor	rth Carolina		
	PERM	MITTEE'S CERTIFICA	ATION		
Date Work Started:					
Date Work Completed:					
Enclose photographs showing the completed project (if	available).				
I hereby certify th with all of the permit terms and conditions, and that any conditions.			bove referenced permit has beer tion has been completed in acco		
Name		Date	Signature		

401 Certification (NCDWR)

JOSH STEIN
Governor
D. REID WILSON
Secretary
RICHARD E. ROGERS, JR.
Director



October 13, 2025

DWR # 20251348
Rutherford & Henderson Counties

Mr. Michael Turchy NCDOT Environmental Analysis Unit 1598 Mail Service Center Raleigh, NC 27699-1598

Subject: Approval of Individual 401 Water Quality Certification US 64 & US 74A Repairs, including Replacement of Bridge 214 NCDOT Project# 18313.1081015

Dear Mr. Turchy:

Attached hereto is a copy of Water Quality Certification No. 8353 issued to The North Carolina Department of Transportation, dated October 13, 2025. This approval is for the purpose and design described in your application.

This Water Quality Certification does not relieve the Permittee of the responsibility to obtain all other required Federal, State, or Local approvals before proceeding with the project, including those required by, but not limited to, Sediment and Erosion Control, Non-Discharge, Water Supply Watershed, and Trout Buffer regulations.

Upon the presentation of proper credentials, the Division of Water Resources (Division) may inspect the property.

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.

Non-compliance with or violation of the conditions herein set forth may result in revocation of this Water Quality Certification for the project and may also result in criminal and/or civil penalties.

This approval and its conditions are final and binding unless contested [G.S. 143-215.5].



US 64/74A Repairs & Bridge 214

DWR# 20251348
Individual Certification #WQC8353
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This Certification can be contested as provided in Chapter 150B of the North Carolina General Statutes by filing a Petition for a Contested Case Hearing (Petition) with the North Carolina Office of Administrative Hearings (OAH) within sixty (60) calendar days. Requirements for filing a Petition are set forth in Chapter 150B of the North Carolina General Statutes and Title 26 of the North Carolina Administrative Code. Additional information regarding requirements for filing a Petition and Petition forms may be accessed at https://www.oah.nc.gov or by calling the OAH Clerk's Office at (919) 431-3000.

A party filing a Petition must serve a copy of the Petition on:

Dan Hirschman, General Counsel Department of Environmental Quality 1601 Mail Service Center Raleigh, NC 27699-1601

If the party filing the Petition is not the Permittee, then the party must also serve the recipient of the Certification in accordance with N.C.G.S. 150B-23(a).

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

Sincerely,

Signed by:
Faith Hardin
3185423002EA45E...

Faith Hardin, Supervisor 401 & Buffer Transportation Permitting Branch

CC:

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



NORTH CAROLINA 401 WATER QUALITY CERTIFICATION

CERTIFICATION #WQC008353 is issued in conformity with the requirements of Section 401, Public Laws 92-500 and 95-217 of the United States and subject to North Carolina's Regulations in 15 NCAC 02H .0500 and 15A NCAC 02B .0200, to The North Carolina Department of Transportation, who have authorization for the impacts listed below, as described within your application received by the N.C. Division of Water Resources (Division) on June 27, 2025, and by Public Notice issued by the Division on June 27, 2025, and within the *Reasonable Period of Time* pursuant to 40 CFR Part 121.6.

The State of North Carolina certifies that this activity will comply with water quality requirements and the applicable portions of Sections 301, 302, 303, 306, 307 of the Public Laws 92-500 and PL 95-217 if conducted in accordance with the application, the supporting documentation, and conditions hereinafter set forth.

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

Stream Impacts in the Broad River Basin

Site	Permanent Fill in Perennial Stream (linear feet)	Riprap Stabilization to Perennial Stream (linear feet)	Temporary Impact to Perennial Stream (linear feet)	Total Stream Impact (linear feet)			
1	0	50	161	161			
		(Concurrent)					
2	0	0	129	129			
3	0	0	108	108			
4	(*552)	0	38	38			
Total (*552)		50	436	436			
		(Concurrent)					

^{*}Site 4: Repair of previously-piped stream segment to pre-storm conditions. Not a new impact. No mitigation required.

This approval requires you to follow the conditions listed in the Certification below.

CONDITIONS OF CERTIFICATION [15A NCAC 02H .0507(c)]:

Project Specific Conditions

1. The NCDOT Division Environmental Officer or Environmental Assistant will conduct a preconstruction meeting with all appropriate staff to ensure that the project supervisor and essential staff understand the potential issues with stream and pipe alignment at the permitted sites. NCDWR staff shall be invited to the pre-construction meeting. [15A NCAC 02H.0506(b)(2) and (b)(3)]



- 2. The permittee shall use *Design Standards in Sensitive Watersheds* (15A NCAC 4B.0124[a]-[e]) in areas draining to Trout waters. However, due to the size of the project, the NCDOT shall not be required to meet 15A NCAC 4B .0124(a) regarding the maximum amount of uncovered acres. [
- 3. NCDOT shall be in compliance with the NCS00250 issued to the NCDOT, including the applicable requirements of the NCG01000. Please note the extra protections for the sensitive watersheds.
- 4. The post-construction removal of any temporary bridge structures must return the project site to its preconstruction contours and elevations. The impacted areas shall be revegetated with appropriate native species. [15A NCAC 02H .0506(b)(2)]
- 5. As a condition of this 401 Water Quality Certification, the bridge demolition and construction must be accomplished in strict compliance with the most recent version of NCDOT's Best Management Practices for Construction and Maintenance Activities. [15A NCAC 02H .0507(d)(2) and 15A NCAC 02H .0506(b)(5)]
- 6. Bridge deck drains shall not discharge directly into the stream. Stormwater shall be directed across the bridge and pre-treated through site-appropriate means (grassed swales, pre-formed scour holes, vegetated buffers, etc.) before entering the stream. To meet the requirements of NCDOT's NPDES permit NCS0000250, please refer to the most recent version of the North Carolina Department of Transportation Stormwater Best Management Practices Toolbox manual for approved measures. [15A NCAC 02H .0507(d)(2) and 15A NCAC 02H .0506(b)(5)]
- 7. Bridge piles and bents shall be constructed using driven piles (hammer or vibratory) or drilled shaft construction methods. More specifically, jetting or other methods of pile driving are prohibited without prior written approval from the NCDWR first. [15A NCAC 02H.0506(b)(2)]
- 8. No drill slurry or water that has been in contact with uncured concrete shall be allowed to enter surface waters. This water shall be captured, treated, and disposed of properly. [15A NCAC 02H .0506(b)(3)]
- 9. A turbidity curtain will be installed in the stream if driving or drilling activities occur within the stream channel, on the stream bank, or within 5 feet of the top of bank, or during the removal of bents from an old bridge. This condition can be waived with prior approval from the NCDWR. [15A NCAC 02H .0506(b)(3)]
- 10. All bridge construction shall be performed from the existing bridge, temporary work bridges, temporary causeways, or floating or sunken barges. If work conditions require barges, they shall be floated into position and then sunk. The barges shall not be sunk and then dragged into position. Under no circumstances should barges be dragged along the bottom of the surface water. [15A NCAC 02H .0506(b)(3)]



US 64/74A Repairs & Bridge 214

DWR# 20251348
Individual Certification #WQC8353
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General Conditions

- 1. Unless otherwise approved in this certification, placement of culverts and other structures in open waters and streams shall be placed below the elevation of the streambed by one foot for all culverts with a diameter greater than 48 inches, and 20 percent of the culvert diameter for culverts having a diameter less than 48 inches, to allow low flow passage of water and aquatic life. Design and placement of culverts and other structures including temporary erosion control measures shall not be conducted in a manner that may result in dis-equilibrium of wetlands or streambeds or banks, adjacent to or upstream and downstream of the above structures. The applicant is required to provide evidence that the equilibrium is being maintained if requested in writing by NCDWR. If this condition is unable to be met due to bedrock or other limiting features encountered during construction, please contact NCDWR for guidance on how to proceed and to determine whether or not a permit modification will be required. [15A NCAC 02H.0506(b)(2)]
- If concrete is used during construction, a dry work area shall be maintained to prevent direct contact between curing concrete and stream water. Water that inadvertently contacts uncured concrete shall not be discharged to surface waters due to the potential for elevated pH and possible aquatic life and fish kills. [15A NCAC 02B.0200]
- 3. For all streams being impacted due to site dewatering activities, the site shall be graded to its preconstruction contours and revegetated with appropriate native species. [15A NCAC 02H.0506(b)(2)]
- 4. During the construction of the project, no staging of equipment of any kind is permitted in waters of the state or protected riparian buffers. [15A NCAC 02H.0506(b)(2)]
- 5. The dimension, pattern and profile of the stream above and below the crossing shall not be modified. Disturbed floodplains and streams shall be restored to natural geomorphic conditions. [15A NCAC 02H.0506(b)(2)]
- 6. The use of rip-rap above the Normal High Water Mark shall be minimized. Any rip-rap placed for stream stabilization shall be placed in stream channels in such a manner that it does not impede aquatic life passage. [15A NCAC 02H.0506(b)(2)]
- 7. The Permittee shall ensure that the final design drawings adhere to the permit and to the permit drawings submitted for approval. [15A NCAC 02H .0507 (c) and 15A NCAC 02H .0506 (b)(2) and (c)(2)]
- 8. All work in or adjacent to stream waters shall be conducted in a dry work area. Approved BMP measures from the most current version of NCDOT Construction and Maintenance Activities



- manual such as sandbags, rock berms, cofferdams and other diversion structures shall be used to prevent excavation in flowing water. [15A NCAC 02H.0506(b)(3) and (c)(3)]
- 9. Heavy equipment shall be operated from the banks rather than in the stream channel in order to minimize sedimentation and reduce the introduction of other pollutants into the stream. [15A NCAC 02H.0506(b)(3)]
- 10. All mechanized equipment operated near surface waters must be regularly inspected and maintained to prevent contamination of stream waters from fuels, lubricants, hydraulic fluids, or other toxic materials. [15A NCAC 02H.0506(b)(3)]
- 11. No rock, sand or other materials shall be dredged from the stream channel except where authorized by this certification. [15A NCAC 02H.0506(b)(3)]
- 12. Discharging hydroseed mixtures and washing out hydroseeders and other equipment in or adjacent to surface waters is prohibited. [15A NCAC 02H.0506(b)(3)]
- 13. The permittee and its authorized agents shall conduct its activities in a manner consistent with State water quality standards (including any requirements resulting from compliance with §303(d) of the Clean Water Act) and any other appropriate requirements of State and Federal law. If the NCDWR determines that such standards or laws are not being met (including the failure to sustain a designated or achieved use) or that State or federal law is being violated, or that further conditions are necessary to assure compliance, the NCDWR may reevaluate and modify this certification. [15A NCAC 02B.0200]
- 14. The stream channel shall be excavated no deeper than the natural bed material of the stream, to the maximum extent practicable. Efforts must be made to minimize impacts to the stream banks, as well as to vegetation responsible for maintaining the stream bank stability. Any applicable riparian buffer impact for access to stream channel shall be temporary and be revegetated with native riparian species. [15A NCAC 02H.0506(b)(2)]
- 15. A copy of this Water Quality Certification shall be maintained on the construction site at all times. In addition, the Water Quality Certification and all subsequent modifications, if any, shall be maintained with the Division Engineer and the on-site project manager. [15A NCAC 02H .0507(c) and 15A NCAC 02H .0506 (b)(2) and (c)(2)]
- 16. The outside buffer, wetland or water boundary located within the construction corridor approved by this authorization, including all non-commercial borrow and waste sites associated with the project, shall be clearly marked by highly visible fencing prior to any land disturbing activities. Impacts to areas within the fencing are prohibited unless otherwise authorized by this certification. [15A NCAC 02H.0501 and .0502]



- 17. The Permittee shall report any violations of this certification to the Division of Water Resources within 24 hours of discovery. [15A NCAC 02B.0506(b)(2)]
- 18. Upon completion of the project (including any impacts at associated borrow or waste sites), the NCDOT Division Engineer (or whomever is the authorized agent if a non-NCDOT project) shall complete and return the "Certification of Completion Form" to notify the NCDWR when all work included in the 401 Certification has been completed. [15A NCAC 02H.0507]
- 19. Native riparian vegetation (i.e., herbaceous, trees, and shrubs native to your geographic region) must be reestablished in the riparian areas within the construction limits of the project by the end of the growing season following completion of construction. [15A NCAC 02B.0506(b)(2)]
- 20. There shall be no excavation from, or waste disposal into, jurisdictional wetlands or waters associated with this permit without appropriate modification. Should waste or borrow sites, or access roads to waste or borrow sites, be located in wetlands or streams, compensatory mitigation will be required since that is a direct impact from road construction activities. [15A NCAC 02H.0506(b)(3) and (c)(3)]
- 21. Erosion control matting that incorporates plastic mesh and/or plastic twine shall not be used along streambanks or within jurisdictional wetlands. [15A NCAC 2H.0506; 15A NCAC 2H.0507]
- 22. Erosion and sediment control practices must be in full compliance with all specifications governing the proper design, installation and operation and maintenance of such Best Management Practices in order to protect surface waters standards [15A NCAC 02H.0506(b)(3)]:
 - a. The erosion and sediment control measures for the project must be designed, installed, operated, and maintained in accordance with the most recent version of the North Carolina Sediment and Erosion Control Planning and Design Manual.
 - b. The design, installation, operation, and maintenance of the sediment and erosion control measures must be such that they equal, or exceed, the requirements specified in the most recent version of the North Carolina Sediment and Erosion Control Manual. The devices shall be maintained on all construction sites, borrow sites, and waste pile (spoil) projects, including contractor-owned or leased borrow pits associated with the project.
 - c. For borrow pit sites, the erosion and sediment control measures must be designed, installed, operated, and maintained in accordance with the most recent version of the North Carolina Surface Mining Manual.
 - d. The reclamation measures and implementation must comply with the reclamation in accordance with the requirements of the Sedimentation Pollution Control Act.



- 23. Sediment and erosion control measures shall not be placed in wetlands or surface waters without prior approval from DWR. [15A NCAC 02H.0506(b)(3)]
- 24. DWR approves the stormwater drainage design as shown in the 401 application, under the assumption that it meets the requirements of the NCDOT NPDES permit #NCS000250. These plans are enforceable by DWR. Changes to the approved plans are prohibited without prior approval from DWR. If sediment or other pollutants are found to be discharged from the stormwater outfalls, DWR may take enforcement action. NCDOT and DWR shall assess the damage to water quality standards and implement an appropriate action plan to address the impacts. The action plan shall provide an appropriate timeline for implementation as agreed upon by both DWR and NCDOT. This may require NCDOT to obtain a modification to its current 401 and 404 permits.
- 25. When applicable, all construction activities shall be performed and maintained in full compliance with G.S. Chapter 113A Article 4 (Sediment and Pollution Control Act of 1973). Regardless of applicability of the Sediment and Pollution Control Act, all projects shall incorporate appropriate Best Management Practices for the control of sediment and erosion so that no violations of state water quality standards, statutes, or rules occur. [15A NCAC 02H .0506{b)(3) and (c)(3) and 15A NCAC 02B .0200]
- 26. Design, installation, operation, and maintenance of all sediment and erosion control measures shall be equal to or exceed the requirements specified in the most recent version of the North Carolina Sediment and Erosion Control Manual, or for linear transportation projects, the NCDOT Sediment and Erosion Control Manual. All devices shall be maintained on all construction sites, borrow sites, and waste pile (spoil) sites, including contractor-owned or leased borrow pits associated with the project. Sufficient materials required for stabilization and/or repair of erosion control measures and stormwater routing and treatment shall be on site at all times. For borrow pit sites, the erosion and sediment control measures shall be designed, installed, operated, and maintained in accordance with the most recent version of the North Carolina Surface Mining Manual. Reclamation measures and implementation shall comply with the reclamation in accordance with the requirements of the Sedimentation Pollution Control Act and the Mining Act of 1971.

If the project occurs in waters or watersheds classified as Trout (Tr), then the sedimentation and erosion control designs shall comply with the requirements set forth in 15A NCAC 04B .0124, *Design Standards in Sensitive Watersheds*. [15A NCAC 02H.0506(b)(3) and (c)(3)]



US 64/74A Repairs & Bridge 214

DWR# 20251348
Individual Certification #WQC8353
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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.

This, the 13th day of October 2025

Signed by:
Faith Hardin
3185423002EA45E...

Faith Hardin, Supervisor 401 & Buffer Transportation Permitting Branch

Permitted Drawings



North Carolina Department of Transportation



(Version 3.02; Released A	EAM T				IAGEMENT PLAN						SE THAY OF TRANSPORT
MDO Element	pril 23, 2024)	TID/Data No. 40040 40040	4.5	FOR NCDOT P							
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				neral Project I							
WBS Element:			TIP Number:	18313.108101		Project T	• •	Bridge Replace	ement	Date:	10/6/2025
NCDOT Contact:	.	Malcolm Watson			Contractor / Design		STV Engine				
Addres		1020 Birch Ridge Drive				Address: 2	2151 Hawk	ins St.			
		Room #16				S	Suite 1400				
		Raleigh, NC 27610					Charlotte, N	NC 28203			
Phone:		919-707-6614		Phone: 9	919-420-76	60					
	Email:	mcwatson@ncdot.gov	i	Email: wjernigan@gfnet.com							
City/Town:	-		Cave		County(ies):	Henders					
River Basin(s):		Broad			CAMA County?	No					
Wetlands within Proj	iect I imits?	No			Orania County.	110				ļ	
vedanas widilir i roj	jour Emilio.			Project Desc	rintian						
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roject Length (IIII. II	63 Or 166t/.	2.01			Dudinossos			Eviat	ting Site		
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Project Built-Upon A Typical Cross Sectio		Proposed project is a 2-lane, 24' i		ac.	n-in of the bridge on	Evieting eite is	1.3	2' temporary roa	ac.	with naved	shoulder at the
i ypicai Cross Sectio	ni Description.	the north end	oad with paved shot	uidei at tile tuii	i-iii oi tile blidge oli				ad and bridge	with paved	siloulder at the
		are neral one				turn-in of the bridge on the north end					
Annual Avg Daily Tra	offic (vob/br/dov):	Davis un /Fastaura				Estation of					
General Proje		Design/Future: The purpose of this project is to re	- 	Year:		Existing:		-	:-::	Ye	
Quality In	mpacts)	streams live during installation of Helene. Helene washed the syste pre-Helene conditions, conveying	the proposed pipes a m out, and formed a	at Sites 2 and 3 small draw wh	s and then through r 3. At Site 4, the strea ich the stream now t	m was conveyed travels through b	d across the	e road through a	a closed drai	nage system	prior to Hurricar
(Description of Mini Quality In	mpacts)	streams live during installation of Helene. Helene washed the syste	the proposed pipes a m out, and formed a	at Sites 2 and 3 small draw wh	s and then through r 3. At Site 4, the strea ich the stream now t	m was conveyed travels through b	d across the	e road through a	a closed drai	nage system	prior to Hurricar



North Carolina Department of Transportation



Highway Stormwater Program STORMWATER MANAGEMENT PLAN

Version 3.02; Released April 23, 2024)

FOR NCDOT PROJECTS WBS Element: **TIP/Proj No.:** 18313.1081015 County(ies): Henderson Page of **General Project Information Waterbody Information** Surface Water Body (1): **Broad River** NCDWR Stream Index No.: 9-(1) **Primary Classification:** Class C NCDWR Surface Water Classification for Water Body **Supplemental Classification:** Trout Waters (Tr) Other Stream Classification: None Impairments: None Aquatic T&E Species? No Comments: NRTR Stream ID: Buffer Rules in Effect: N/A No Project Includes Bridge Spanning Water Body? Yes Deck Drains Discharge Over Buffer? No Dissipator Pads Provided in Buffer? (If yes, provide justification in the General Project Narrative) (If yes, describe in the General Project Narrative; if no, justify in the Deck Drains Discharge Over Water Body? No General Project Narrative) (If yes, provide justification in the General Project Narrative) Surface Water Body (2): NCDWR Stream Index No.: **Primary Classification:** NCDWR Surface Water Classification for Water Body 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? (If yes, provide justification in the General Project Narrative) (If yes, describe in the General Project Narrative; if no, justify in the Deck Drains Discharge Over Water Body? General Project Narrative) (If yes, provide justification in the General Project Narrative) NCDWR Stream Index No.: Surface Water Body (3): **Primary Classification:** NCDWR Surface Water Classification for Water Body Supplemental Classification: Other Stream Classification: Impairments: Aquatic T&E Species? Comments: Buffer Rules in Effect: NRTR Stream ID: Project Includes Bridge Spanning Water Body? Dissipator Pads Provided in Buffer? Deck Drains Discharge Over Buffer? (If yes, describe in the General Project Narrative; if no, justify in the (If yes, provide justification in the General Project Narrative) Deck Drains Discharge Over Water Body? General Project Narrative) (If yes, provide justification in the General Project Narrative)

SHEET TOTAL NO. SHEETS See Sheet 1A For Index of Sheets STATE OF NORTH CAROLINA N.C. 1813.1081015 See Sheet 1B For Standard Symbology Sheet 108101 DIVISION OF HIGHWAYS STATE PROJ.NO. 18313.1081015 DESIGN-BUILD **HENDERSON/RUTHERFORD** 3 **COUNTIES** 3 END PROJECT ∞ LOCATION:US 74A FROM EAST OF US 64 IN BAT CAVE EAST OF SR 1300 (TERRACE DRIVE) TYPE OF WORK: GRADING, DRAINAGE, PAVING, SIGNING, AND STRUCTURES E BEGIN PROJECT PR **VICINITY MAP** N.T.S. PERMIT DRAWING END TIP PROJECT 18313.1081015 SHEET 1 OF 8 -L- POT STA. 144 + 23.39 **BEGIN TIP PROJECT 18313.1081015** BEGIN CONSTRUCTION -WINERY_DR- STA. 10 + 26.54 BEGIN WORK PACKAGE I SEGMENT I -L- POC STA. 7+20.62 END CONSTRUCTION -L- STA. 144 + 23.39 END WORK PACKAGE 1 SEGMENT 2 -L-POT STA. 140+00.00BEGIN WORK PACKAGE 1 SEGMENT 2 END CONSTRUCTION -YI- STA. 14+81.56 -L- POT STA. 129 + 30.00 END WORK PACKAGE I SEGMENT 1 -L-STA. 14+50.00WETLAND AND SURFACE WATER IMPACTS PERMIT NOTE: -Y3- WILL BE INCLUDED IN FUTURE SUBMITTALS. DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED HYDRAULICS ENGINEER PLANS PREPARED FOR THE NCDOT BY: **GRAPHIC SCALES** DESIGN DATA PROJECT LENGTH ADT 2019 = xxxxxxLENGTH ROADWAY TIP PROJECT 18313.1081015 = 2.812 MILES ADT 2045 = XXXXXX LENGTH STRUCTURE TIP PROJECT 18313.1081015 = xxxx MILES K = X%D = XX%2024 STANDARD SPECIFICATIONS TOTAL LENGTH OF TIP PROJECT 18313.1081015 = 2.812 MILES SIGNATURE $T = X\%^*$ ROADWAY DESIGN ENGINEER RIGHT OF WAY DATE: V = 40 MPHPROJECT ENGINEER PROFILE (HORIZONTAL) ___, 2025 * (TTST = X% + DUAL X%)

MALCOLM WATSON

LETTING DATE:

<u>, 20</u>25

XXX
PROJECT DESIGN ENGINEER

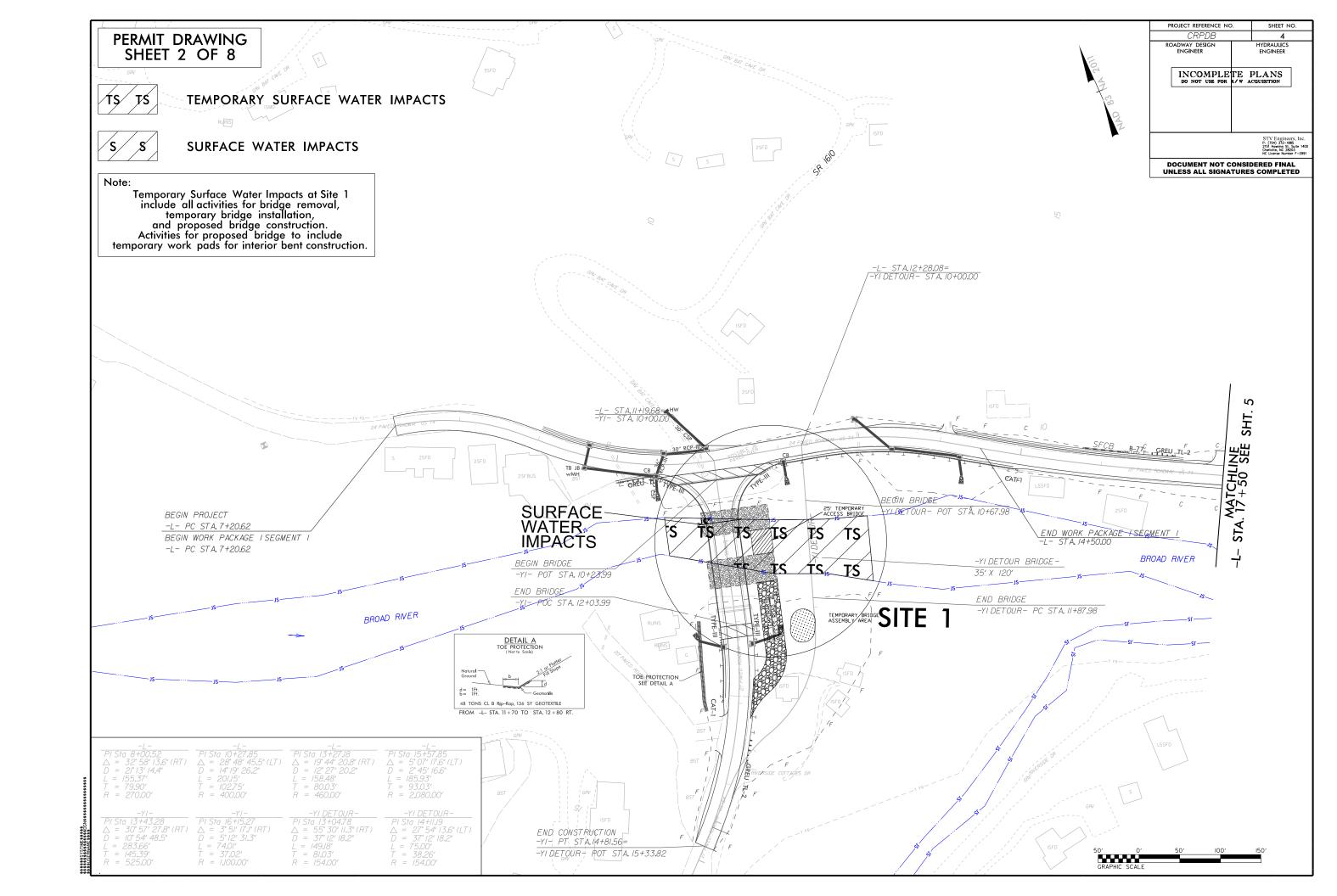
NCDOT CONTACT:

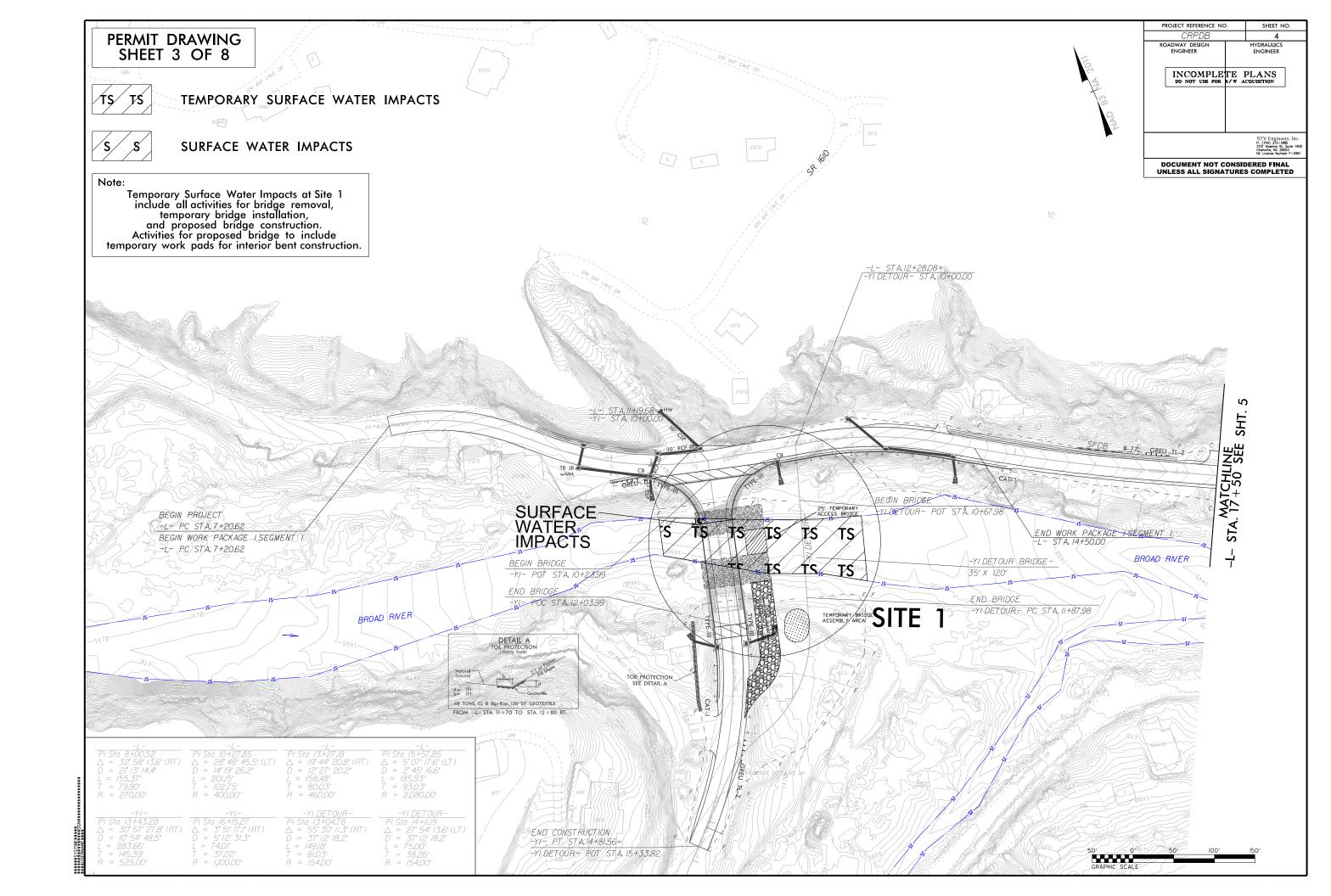
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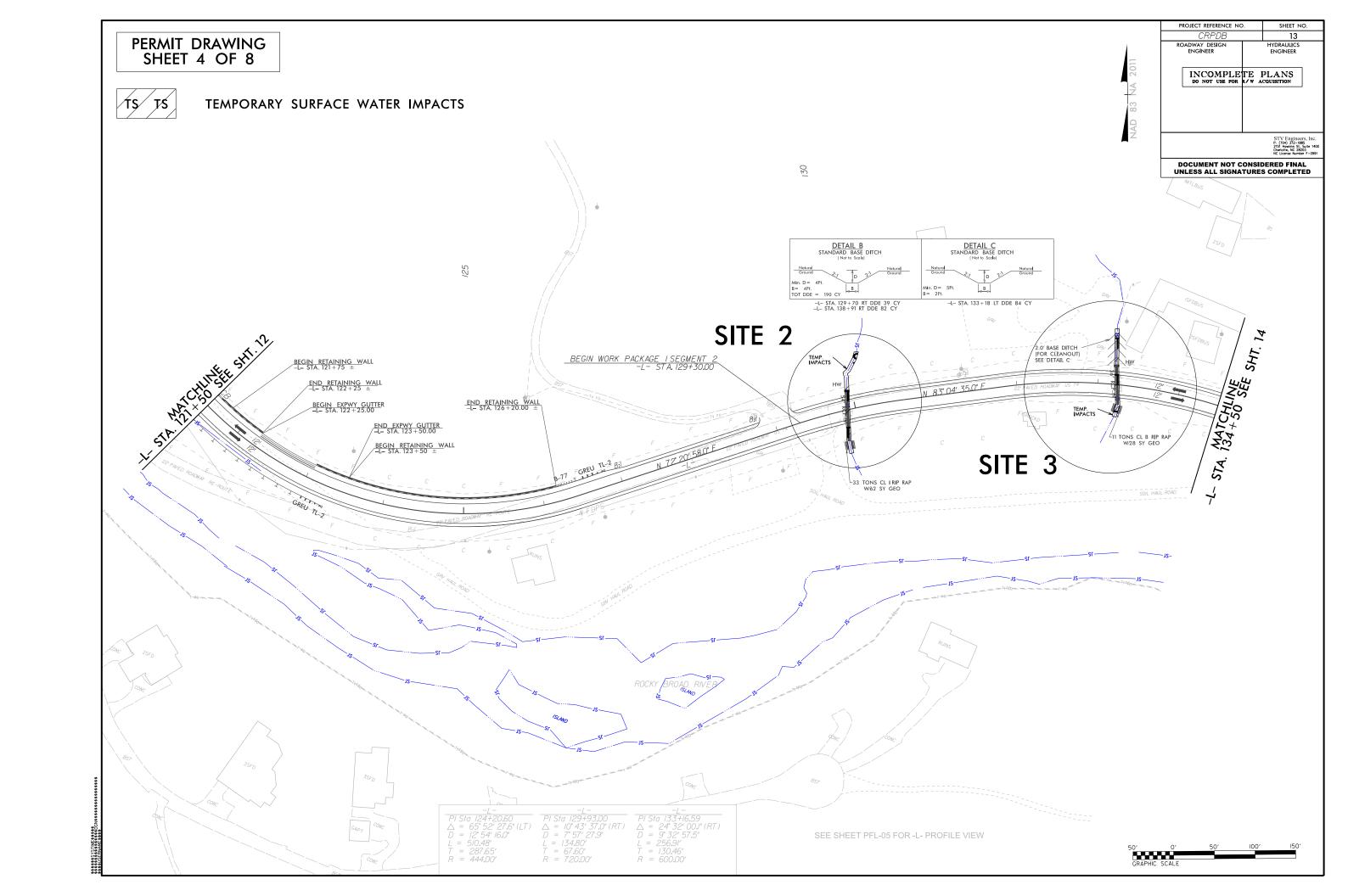
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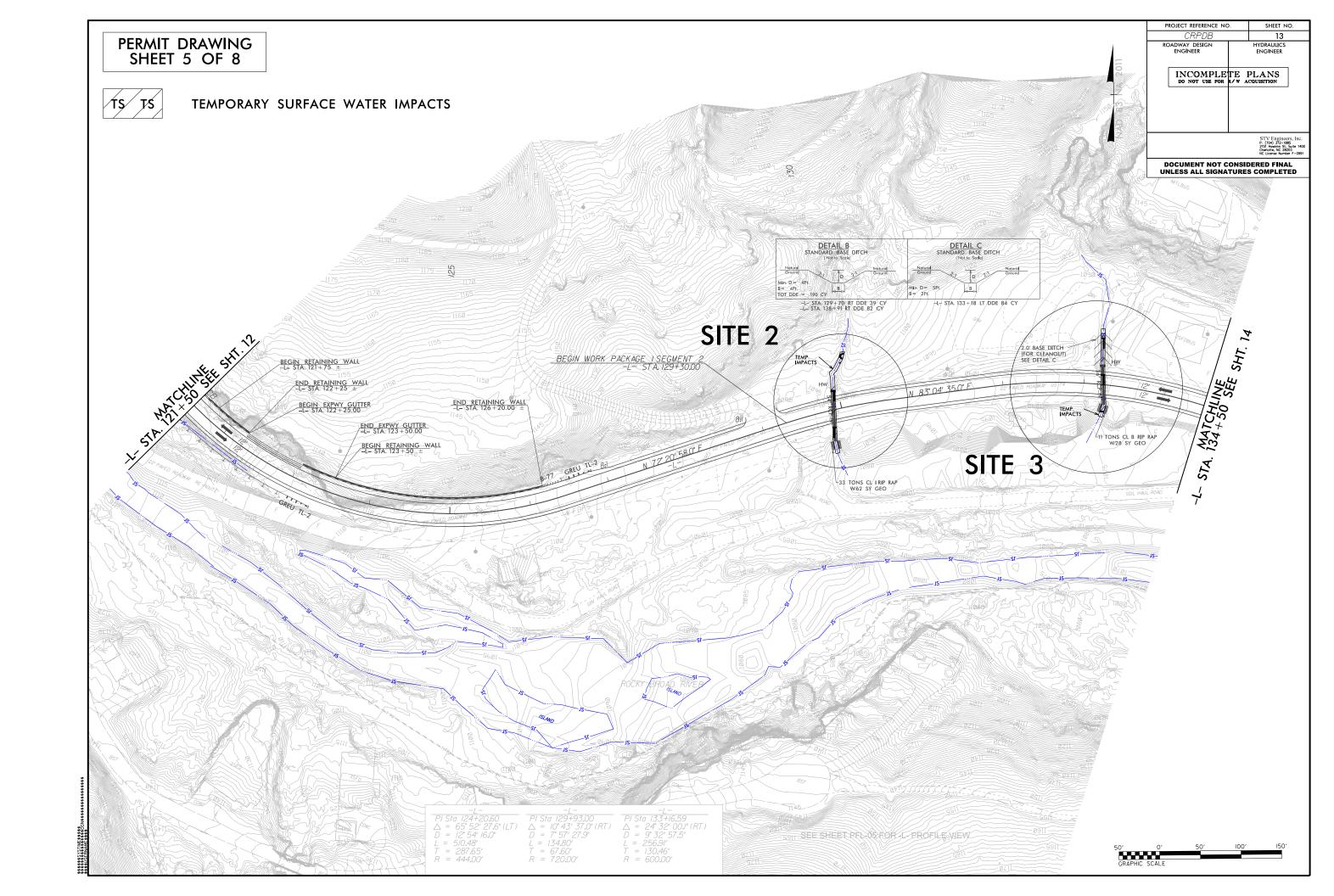
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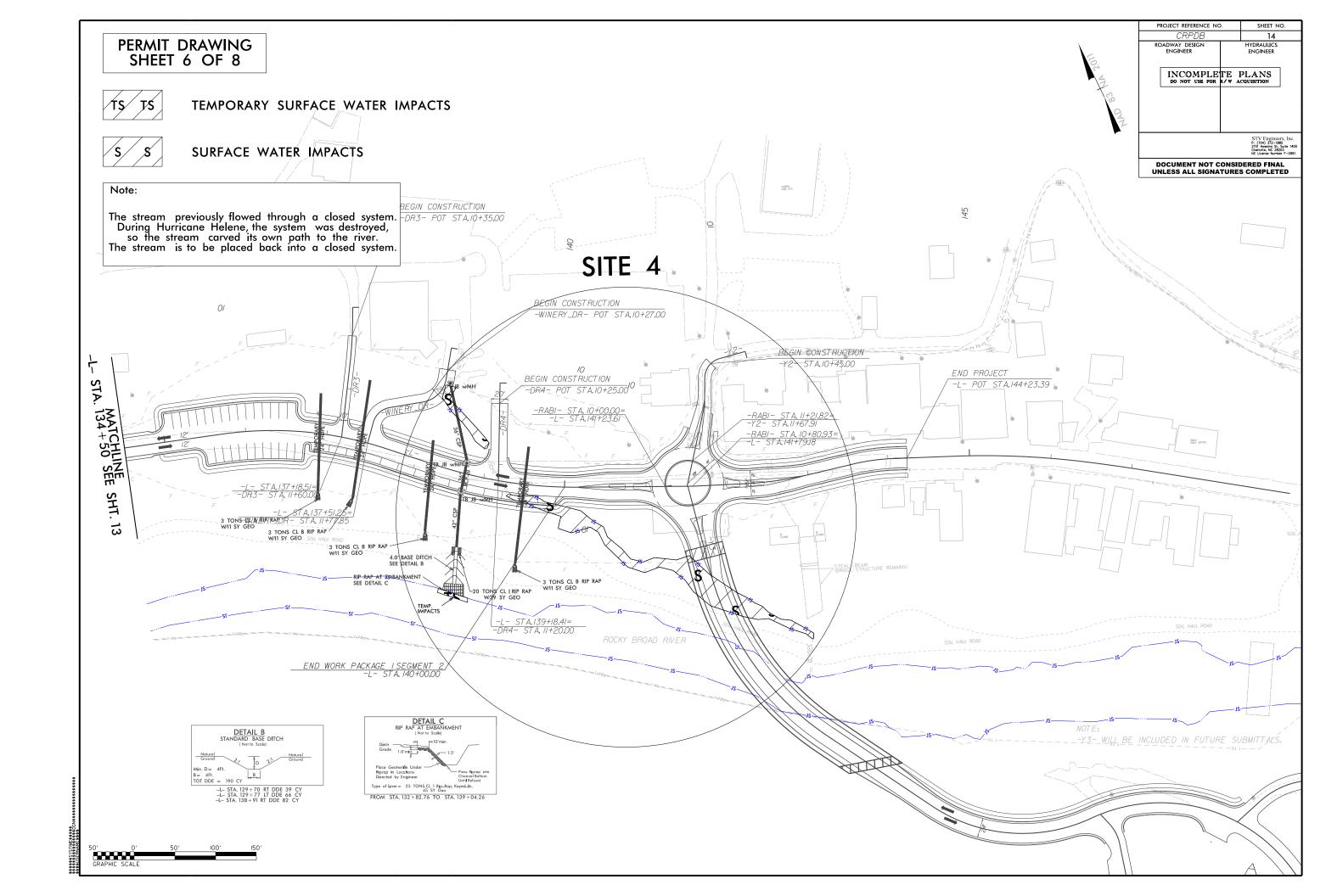
PROFILE (VERTICAL)

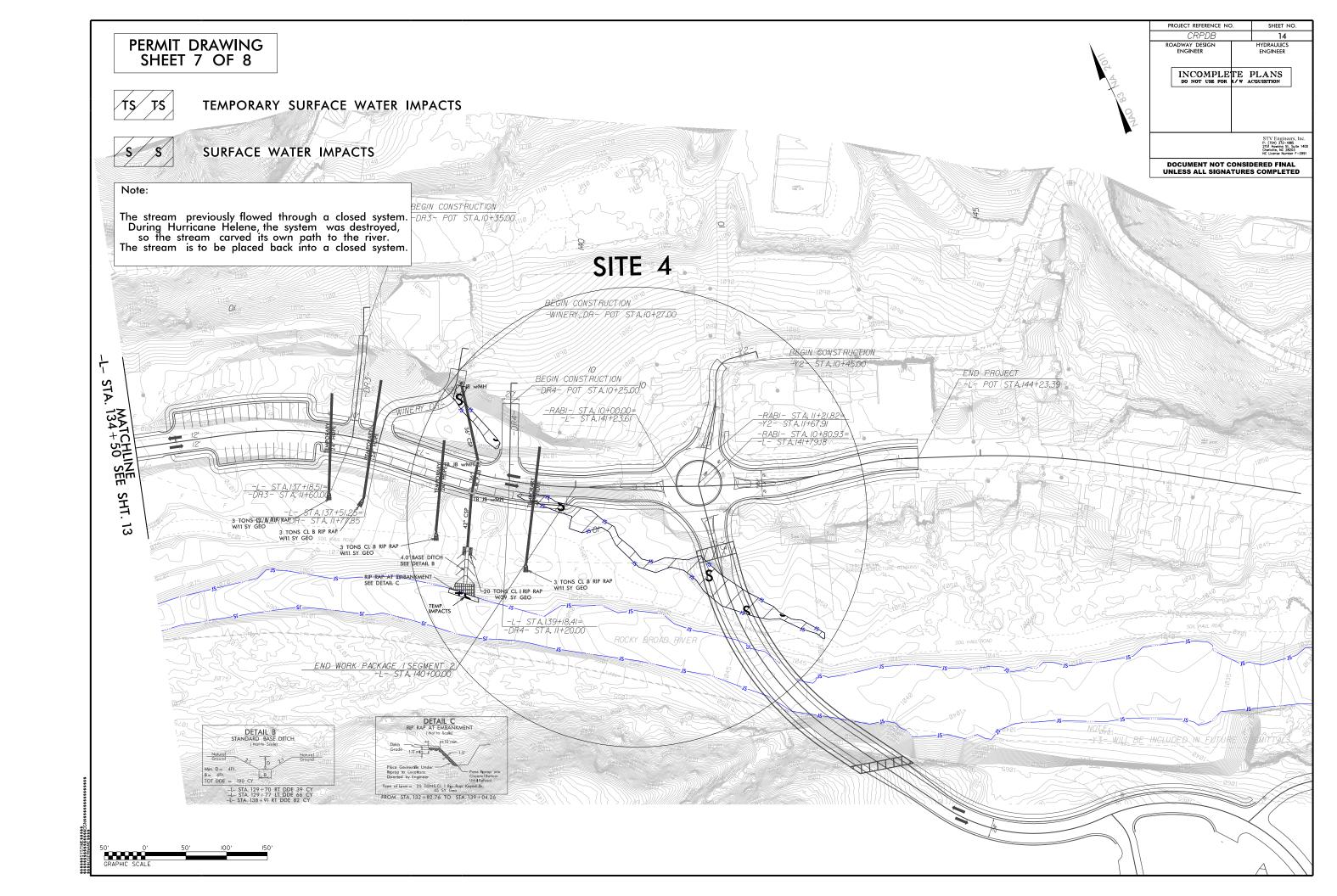












						URACE WA	ATER IMP					
			WETLAND IMPACTS				SURFACE WATER IMPACTS					
Site	Station	Structure	Permanent Fill In	Fill In	in	Mechanized Clearing	Hand Clearing in	Permanent SW	Temp. SW	Existing Channel Impacts	Existing Channel Impacts	Natural Stream
No.	(From/To)	Size / Type	Wetlands (ac)	Wetlands (ac)	Wetlands (ac)	in Wetlands (ac)	Wetlands (ac)	impacts (ac)	impacts (ac)	Permanent (ft)	Temp. (ft)	Design (ft)
1	-Y1- 10+67 - 11+58	Prop. Bridge Construction/ Exist Bridge Removal (See Notes)	(ac)	(ac)	(ac)	(ac)	(ac)	< 0.01	0.32	50	161	(it)
2	-L- 129+75 - 130+00	54" RCP-IV	1						0.01		129	
3	-L- 133+14 - 133+32	36" RCP-IV							0.01		108	
4	-L- 138+20 - 142+75	36" CSP ; 36" RCP-III ; 42" CSP ; Rip Rap at Embankment (See Notes)						0.17	< 0.01	552	38	
T07:	0.4								0.07	000	460	
ΓΟΤΑL	S*:							0.18	0.35	602	436	0

^{*}Rounded totals are sum of actual impacts

NOTES:

Site 1: 161' Length of temp. impacts includes 50' permanent impacts length

Site 4: Stream currently conveyed through draw which was created by Hurricane Helene; Prior to Helene, stream was conveyed through a closed drainage system. Prop. Drainage to restore Pre-Helene conditions NC DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

10/06/2025 HENDERSON 18313.1081015

SHEET 8 OF 8

Revised 2018 Feb