



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JOSH STEIN
GOVERNOR

DANIEL H. JOHNSON
SECRETARY

June 8, 2026

MEMORANDUM TO: Division Environmental and Construction Units
FROM: *mat* Michael A. Turchy, ECAP Group Leader
Environmental Analysis Unit
SUBJECT: Environmental Permits for the Widening of US64 from Asheboro Bypass
to east of I-73/I-74/US220 in Randolph County, Division 8, **TIP: U-5813.**

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 [RGP50]	May 25, 2030

Work is authorized by the above referenced documents 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) or accompanying drawings is required.

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

PROJECT COMMITMENTS

T.I.P. Project No U-5813
US 64 Widening
Randolph County
Federal Aid Project No. NNHP-0064(206)
W.B.S. No. 44385.1.3

COMMITMENTS FROM PROJECT DEVELOPMENT AND DESIGN

Division 8 Construction – High Quality Water

An Unnamed Tributary to Cedar Fork Creek SIN [13-2-3-3-2-2-(1)] and its tributaries are designated as High Quality Waters. The NCDOT will implement Design Standards in Sensitive Watersheds as appropriate.

This commitment is still valid.

Project Management Unit – Municipal Agreement- Sidewalks

NCDOT will continue to coordinate with the City of Asheboro for the inclusion of sidewalks in the proposed project's design. Should sidewalks be pursued, NCDOT will develop a Municipal Agreement (MA) to cost-share with the local municipality.

The City of Asheboro and NCDOT are in the process of working on the agreement.

Roadway Design Unit

NCDOT will provide a depressed island at the western intersection of Westside Drive and U.S. 64 for emergency vehicle access originating from Westside Fire Department (225 Westside Drive). The depressed island will allow left turns for emergency vehicles only from the western intersection of Westside Drive with U.S. 64.

This emergency access has been incorporated into plans.

Environmental Analysis Unit

NCDOT will complete a survey for the federally endangered Schweinitz's sunflower one year prior to construction let.

The survey for the Schweinitz's sunflower was conducted on August 20, 2019 and will be good for two years. If project LET date gets delayed, survey will be conducted accordingly.

Traffic Noise Analysis

A comprehensive traffic noise abatement design review, in the form of a Design Noise Report, will be conducted as part of the project's final design.

Design Noise Analysis is in progress.

GeoEnvironmental Section

Soil and groundwater assessments will be conducted at each of the impacted geoenvironmental sites of concern prior to right of way acquisition.

No GeoEnvironmental sites of concern have been identified.

COMMITMENTS FROM PERMITTING

No special conditions were developed during permitting.



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

June 8, 2026

Regulatory Division
SAW-2017-00319

Sent Via Email: ekcheely@ncdot.gov

Erin Cheely
Environmental Coordination & Permitting
North Carolina Department of Transportation
1598 Mail Service Center
Raleigh, NC 27606

Dear Ms. Cheely:

This letter is in response to the application you submitted to the Wilmington District, Charlotte Field Office on May 29, 2026, for a Department of the Army general permit verification. This project has been assigned the file number SAW-2017-00319 and is known as NCDOT/U5813/US64/Division8. This file number should be referenced in all correspondence concerning this project.

A review of the information provided indicates that the proposed work includes: the permanent placement of culvert extensions totaling 143 linear feet (lf) (0.02 ac), stream channel relocation totaling 425 lf (0.03 acre), rock streambank and channel stabilization totaling 107 lf (0.02 acre), and temporary stream impacts from construction access/dewatering activities in tributaries to Cable Creek, Little River, and Cedar Fork Creek totaling 157 lf (0.014 acre). The project will include the widening of an approximately two-mile segment of US 64 from the Interchange at US 64 and the Asheboro Bypass to the interchange of US 64 and I-73/I-74/US 220 which is illustrated on the enclosed site plans/maps, at Latitude 35.688260 and Longitude -79.839700; in Asheboro, Randolph 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 Sheets 1-19 of 19, entitled, "NCDOT TIP Project U-5813 Randolph County", and dated "Submitted 3/2/2021". 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 May 29, 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. The U.S. Fish and Wildlife Service's (USFWS's) Programmatic Biological/Conference Opinion (PBO/PCO) titled "Bridge and Culvert Replacements/Repairs/Rehabilitations in Eastern North Carolina, NCDOT Divisions 1-8)," dated September 11, 2019, including the June 1, 2021 Addendum for Yellow Lance (*Elliptio lanceolata*) contains mandatory terms and conditions to implement the reasonable and prudent measures that are associated with "incidental take" that are specified in the PBO/PCO associated with Atlantic pigtoe mussel. Your authorization under this Corps permit is conditional upon your compliance with all the mandatory terms and conditions associated with incidental take of the PBO/PCO, 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 PBO/PCO, where a take of the listed species occurs would constitute an unauthorized take, and it would also constitute non-compliance with your Corps permit. The USFWS is the appropriate authority to determine compliance with the terms and conditions of its PBO/PCO, and with the ESA.

This general permit verification and any associated authorizations do 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". The signature is written in a cursive style with a red checkmark above the "J".

M. Scott Jones, PWS
WRDA/Transportation Branch Chief

Enclosures

Project Plans
401 WQC
RGP-50

cc (w/enclosures):

Jason Dilday, NCDOT ECAP (via jldilday1@ncdot.gov)
Michael Turchy, NCDOT ECAP (via maturchy@ncdot.gov)
Rex Badgett, NCDOT Div 8 (via jsbadgett@ncdot.gov)
Randy Freeman, P.E., NCDOT Div 8 (via rsfreemean3@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.		<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 Wilmington District Office Street Address: 69 Darlington Avenue City: Wilmington State: North Carolina Zip Code: 28403		
COMPLETED BY THE CORPS		
Corps Action Number:	SAW-2017-00319 _____	
Permit Type: <u>General Permit</u>		
General Permit Number and Name (if applicable):	_____	
Name of Permittee:	<u>Erin Cheely</u>	
Project Name:	<u>NCDOT/U5813/US64/Division8</u>	
Project Location (physical address):	<u>Asheboro, North Carolina</u>	
PERMITTEE'S CERTIFICATION		
Date Work Started: _____		
Date Work Completed: _____		
Enclose photographs showing the completed project (if available).		
I _____ hereby certify that the work authorized by the above referenced permit has been completed in accordance with all of the permit terms and conditions, and that any required compensatory mitigation has been completed in accordance with the permit conditions.		
Name	Date	Signature



NORTH CAROLINA
Environmental Quality

June 1, 2026

DWR #20210147.V2
Randolph County

JOSH STEIN
Governor

D. REID WILSON
Secretary

RICHARD E. ROGERS, JR.
Director

Ms. Erin Cheely
NCDOT, ECAP Western Regional Lead
1000 Birch Ridge Drive
Raleigh, NC 27699
ekcheely@ncdot.gov

Subject: Approval of Individual 401 Water Quality Re-Certification
Proposed Improvements to US 64 (Asheboro Bypass) to east of I-73/I-74
Asheboro, Randolph County. NCDOT TIP: U-5813 USACE SAW: 2017-00319

Location: 35.6908, -79.8495

Dear Ms. Cheely:

Attached hereto is a copy of Certification No. WQC 9006 issued to NCDOT dated June 1, 2026. This approval Certification replaces the Certification (WQC No. 4135) which was previously issued for this project on March 18, 2021.

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 or DWR) 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].

Notice regarding the right to contest this 401 Water Quality Certification decision is attached to this letter.



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

This letter completes the DWR's review under Section 401 of the Clean Water Act and 15A NCAC 02H .0500. Please contact Ryan Conchilla at 919-707-9111 or ryan.conchilla@deq.nc.gov if you have any questions or concerns.

Sincerely,

Signed by:

Faith Hardin

3185423002EA45E...

Faith Hardin, Supervisor

401 & Buffer Permitting Branch / RO

Electronic cc: Steve Brumagin, USACE Charlotte Regulatory Field Office
Rex Badgett, NCDOT Division 8
Beth Harmon, Division of Mitigation Services
DWR 401 & Buffer Permitting Branch Electronic file



NOTICE REGARDING THE RIGHT TO CONTEST A DWR 401 WATER QUALITY CERTIFICATION DECISION**Right of Persons Aggrieved to File a Contested Case for the issuance of a 401 water quality certification:**

Pursuant to 15A NCAC 02H .0507(f), the Division's decision on a 401 water quality certification application 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 a permit 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 permittee or permit applicant, 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.



NORTH CAROLINA 401 WATER QUALITY Re-CERTIFICATION

CERTIFICATION #WQC 9006 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 NCDOT, who have authorization for the impacts listed below, as described within your re-application received by the N.C. Division of Water Resources (DWR) on May 29, 2026 and by Public Notice issued by DWR on January 27, 2021 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 Yadkin Pee-Dee River Basin

Site	Perm. Fill in Intermittent Stream (lf)	Relocation of Intermittent Stream (lf)	Stabilization/ Rip-Rap in Intermittent Stream (lf)	Temporary Impact to Intermittent Stream (lf)	Perm. Fill in Perennial Stream (lf)	Relocation of Perennial Stream (lf)	Stabilization/ Rip-Rap in Perennial Stream (lf)	Temporary Impact to Perennial Stream (lf)	Total Stream Impact (lf)
1	-	-	-	-	-	-	52	10	62
2	-	103	-	31	-	-	-	-	134
3	-	-	-	-	53	-	50	15	118
4	-	-	-	-	-	190	-	11	201
5	-	-	5	20	-	-	-	-	25
6	-	-	-	-	19	-	-	23	42
7	16	132	-	30	-	-	-	-	178
8	55	-	-	17	-	-	-	-	72
Totals	71	235	5	98	72	190	102	59	832

Total Stream Impacts: 832 linear feet.



Conditions of Certification:

1. The Division has received acceptance from the Division of Mitigation Services for stream impacts located in the Yadkin River Basin (03040103) and (03040104) as stated in the acceptance letter issued on April 12, 2021. NCDOT has acquired 1,205 steam credits from DMS.

Citation: 15A NCAC 02H .0507(d)(2).

2. The plans and specifications for this project are incorporated by reference as part of this Water Quality Certification. If you change your project, you must notify the Division, and you may be required to submit a new application package with the appropriate fee.

If the property is sold, the Permittee shall provide the new owner with a copy of this Water Quality Certification and all plans and specifications incorporated by reference. The Permittee may transfer this Water Quality Certification to the new owner by submitting a letter to the Division with the following statement: *"At the time the property is transferred, the terms and conditions of this 401 Individual Water Quality Certification, including the responsibility to ensure compliance, are binding on the new owner(s) of the property."* The letter shall be signed and dated by both the transferee and the new owner. *Citation: 15A NCAC 02H .0507(d)(2).*

3. If the Permittee becomes aware of any inability to comply with any of the conditions of this Water Quality Certification, they must notify the Raleigh Regional Office within 24 hours (or the next business day if it is a weekend or holiday) from the time the Permittee becomes aware of the circumstances. The Permittee may be required to submit a new application package with appropriate fee to initiate modification of this authorization, and/or to conduct corrective actions as determined by the Division.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c)

4. The Permittee shall report to the Division Raleigh Regional Office any noncompliance with, and/or any violation of, stream or wetland standards [15A NCAC 02B .0200], including but not limited to sediment impacts to streams or wetlands. Information shall be provided orally within 24 hours (or the next business day if it is a weekend or holiday) from the time the Permittee became aware of the non-compliance circumstances.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c).

5. The permittee shall use *Design Standards in Sensitive Watersheds* (ISA NCAC 4B.0124[a]-[e]) in areas draining to WS-II, HQW 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. [15A NCAC 2B.0224 & 2B.0225].



6. 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. [15A NCAC 2B.0224 & 2B.0225]
7. For projects impacting waters classified by the NC Environmental Management Commission as High Quality Waters (HQW), or Water Supply II stormwater shall be directed to vegetated buffer areas, grass-lined ditches or other means appropriate to the site for the purpose of pre-treating storm water runoff prior to discharging directly into streams, to the maximum extent possible. Mowing of existing vegetated buffers is strongly discouraged. [15A NCAC 2B.0224 & 2B.0225]
8. In areas draining to WS-II, HQW waters, tall fescue shall not be used in the establishment of temporary or permanent groundcover within riparian areas. For the establishment of permanent herbaceous cover, erosion control matting shall be used in conjunction with an appropriate native seed mix on disturbed soils within the riparian area and on disturbed steep slopes with the following exception. Erosion control matting is not necessary if the area is contained by perimeter erosion control devices such as silt fence, temporary sediment ditches, basins, etc. Matting should be secured in place with staples, stakes, or wherever possible, live stakes of native trees. Erosion control matting placed in riparian areas shall not contain a nylon mesh grid, which can impinge and entrap small animals. For the establishment of temporary groundcover within riparian areas, hydroseeding along with wood or cellulose based hydro mulch applied from a fertilizer- and limestone-free tank is allowable at the appropriate rate in conjunction with the erosion control measures. Discharging hydroseed mixtures and wood or cellulose mulch into surface waters is prohibited. Riparian areas are defined as a distance 25 feet landward from top of stream bank. [15A NCAC 2B.0224 & 2B.0225]
9. Channel relocations shall be completed and stabilized, and approved by NCDWR staff, prior to diverting water into the new channel. Stream banks shall be matted with coir-fiber matting. Vegetation used for bank stabilization shall be limited to native riparian vegetation, and should include establishment of a vegetated buffer on both sides of the relocated channel to the maximum extent practical. Also, rip-rap may be allowed if it is necessary to maintain the physical integrity of the stream, but the applicant must provide written justification and any calculations used to determine the extent of rip-rap coverage requested. Once the stream has been turned into the new channel, it may be necessary to relocate stranded fish to the new channel to prevent fish kills. [15A NCAC 02H .0506(b)(3)]
10. 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 down stream of the above structures. The applicant is required to provide evidence that the equilibrium is being maintained if requested in writing by the NCDWR. If this condition is unable to be met due to bedrock or other limiting features encountered during construction, please contact the 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)]

11. No waste, spoil, solids, or fill of any kind shall occur in wetlands or waters beyond the footprint of the approved impacts (including temporary impacts).

Citation: 15A NCAC 02H .0506; 15A NCAC 02H .0507(c)

12. 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.

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 *North Carolina Department of Transportation 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.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c); 15A NCAC02B .0200; 15A NCAC 02B .0231

13. Sediment and erosion control measures shall not be installed in wetland or waters except within the footprint of temporary or permanent impacts otherwise authorized by this Certification. If placed within authorized impact areas, then placement of such measures shall not be conducted in a manner that results in dis-equilibrium of any wetlands, streambeds, or streambanks. Any silt fence installed within wetlands shall be removed from wetlands and the natural grade restored within two (2) months of the date that DEMLR or the locally delegated program has released the



specific area within the project to ensure wetland standards are maintained upon completion of the project.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c); 15A NCAC 02B .0200; 15A NCAC 02B .0231

14. Erosion control matting that incorporates plastic mesh and/or plastic twine shall not be used along streambanks or within wetlands.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c)

15. If the project is covered by NPDES Construction Stormwater Permit Number NCG010000 or NPDES Construction Stormwater Permit Number NCG250000, full compliance with permit conditions including the erosion & sedimentation control plan, inspections and maintenance, self-monitoring, record keeping, and reporting requirements is required.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c); 15A NCAC 02B .0200; 15A NCAC 02B .0231

16. All work in or adjacent to streams shall be conducted so that the flowing stream does not come in contact with the disturbed area. Approved best management practices from the most current version of the NC Sediment and Erosion Control Manual, or the NC Department of Transportation Construction and Maintenance Activities Manual, such as sandbags, rock berms, cofferdams, and other diversion structures shall be used to minimize excavation in flowing water.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c); 15A NCAC 02B .0200

17. Culverts shall be designed and installed in such a manner that the original stream profiles are not altered and allow for aquatic life movement during low flows. The dimension, pattern, and profile of the stream above and below a pipe or culvert shall not be modified by widening the stream channel or by reducing the depth of the stream in connection with the construction activity. The width, height, and gradient of a proposed culvert shall be such as to pass the average historical low flow and spring flow without adversely altering flow velocity. If the width of the culvert is wider than the stream channel, the culvert shall include multiple boxes/pipes, baffles, benches and/or sills to maintain the natural width of the stream channel. If multiple culverts/pipes/barrels are used, low flows shall be accommodated in one culvert/pipe and additional culverts/pipes shall be installed such that they receive only flows above bank full.

Placement of culverts and other structures in streams shall be below the elevation of the streambed by one foot for all culverts with a diameter greater than 48 inches, and 20% of the culvert diameter for culverts having a diameter less than or equal to 48 inches, to allow low flow passage of water and aquatic life. If the culvert outlet is submerged within a pool or scour hole and designed to provide for aquatic passage, then culvert burial into the streambed is not required.

For structures less than 72" in diameter/width, and topographic constraints indicate culvert slopes of greater than 2.5% culvert burial is not required, provided that all alternative options for



flattening the slope have been investigated and aquatic life movement/connectivity has been provided when possible (e.g., rock ladders, cross-vanes, sills, baffles etc.). Notification, including supporting documentation to include a location map of the culvert, culvert profile drawings, and slope calculations, shall be provided to the Division thirty (30) calendar days prior to the installation of the culvert.

When bedrock is present in culvert locations, culvert burial is not required, provided that there is sufficient documentation of the presence of bedrock. Notification, including supporting documentation such as a location map of the culvert, geotechnical reports, photographs, etc. shall be provided to the Division a minimum of thirty (30) calendar days prior to the installation of the culvert. If bedrock is discovered during construction, then the Division shall be notified by phone or email within 24 hours of discovery. Installation of culverts in wetlands shall ensure continuity of water movement and be designed to adequately accommodate high water or flood conditions. When roadways, causeways, or other fill projects are constructed across FEMA-designated floodways or wetlands, openings such as culverts or bridges shall be provided to maintain the natural hydrology of the system as well as prevent constriction of the floodway that may result in destabilization of streams or wetlands. The establishment of native woody vegetation and other soft stream bank stabilization techniques shall be used where practicable instead of rip-rap or other bank hardening methods. *Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c)*

18. Application of fertilizer to establish planted/seeded vegetation within disturbed riparian areas and/or wetlands shall be conducted at agronomic rates and shall comply with all other Federal, State, and Local regulations. Fertilizer application shall be accomplished in a manner that minimizes the risk of contact between the fertilizer and surface waters.

Citation: 15A 02H .0506(b); 15A NCAC 02H .0507(c); 15A NCAC 02B .0200; 15A NCAC 02B .0231

19. If concrete is used during construction, then all necessary measures shall be taken to prevent direct contact between uncured or curing concrete and waters of the state. Water that inadvertently contacts uncured concrete shall not be discharged to waters of the state.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c); 15A NCAC 02B .0200; 15A NCAC 02B .0231

20. All proposed and approved temporary fill and culverts shall be removed, and the impacted area shall be returned to natural conditions within sixty (60) calendar days after the temporary impact is no longer necessary. The impacted areas shall be restored to original grade, including each stream's original cross-sectional dimensions, planform pattern, and longitudinal bed profile. All temporarily impacted sites shall be restored and stabilized with native vegetation.

Citation: 15A NCAC 02H.0506(b); 15A NCAC 02H .0507(c)

21. All proposed and approved temporary pipes/culverts/rip-rap pads etc. in streams or wetlands shall be installed as outlined in the most recent edition of the *North Carolina Sediment and Erosion Control Planning and Design Manual* or the *North Carolina Surface Mining Manual* or the *North Carolina Department of Transportation Best Management Practices for Construction and*



Maintenance Activities so as not to restrict stream flow or cause dis-equilibrium during use of this Certification.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c)

22. Any rip-rap required for proper culvert placement, stream stabilization, or restoration of temporarily disturbed areas shall be restricted to the area directly impacted by the approved construction activity. All rip-rap shall be placed such that the original streambed elevation and streambank contours are restored and maintained and shall consist of clean rock or masonry material free of debris or toxic pollutants. Placement of rip-rap or other approved materials shall not result in de-stabilization of the stream bed or banks upstream or downstream of the area or be installed in a manner that precludes aquatic life passage.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c)

23. Any rip-rap used for stream or shoreline stabilization shall be of a size and density to prevent movement by wave, current action, or stream flows, and shall consist of clean rock or masonry material free of debris or toxic pollutants. Rip-rap shall not be installed in the streambed except in specific areas required for velocity control and to ensure structural integrity of bank stabilization measures.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c); 15A NCAC 02B .0201

24. All mechanized equipment operated near surface waters shall be inspected and maintained regularly to prevent contamination of surface waters from fuels, lubricants, hydraulic fluids, or other toxic materials. Construction shall be staged in order to minimize the exposure of equipment to surface waters to the maximum extent practicable. Fueling, lubrication, and general equipment maintenance shall be performed in a manner to prevent, to the maximum extent practicable, contamination of surface waters by fuels and oils.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c); 15A NCAC 02B .0200; 15A NCAC 02B .0231

25. Heavy equipment working in wetlands shall be placed on mats or other measures shall be taken to minimize soil disturbance and compaction. *Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c); 15A NCAC 02B .0231*

26. In accordance with 143-215.85(b), the Permittee shall report any petroleum spill of 25 gallons or more; any spill regardless of amount that causes a sheen on surface waters; any petroleum spill regardless of amount occurring within 100 feet of surface waters; and any petroleum spill less than 25 gallons that cannot be cleaned up within 24 hours.

Citation: 15A NCAC 02H .0507(c); N.C.G.S 143-215.85(b)

27. The Permittee and their authorized agents shall conduct all 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.



Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c)

28. The Permittee shall require its contractors and/or agents to comply with the terms and conditions of this Certification 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 Water Quality Certification. A copy of this Water Quality Certification shall be available at the project site during the construction and maintenance of this project.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c)

29. This Water Quality Certification neither grants nor affirms any property right, license, or privilege in any lands or waters, or any right of use in any waters. This Water Quality Certification does not authorize any person to interfere with the riparian rights, littoral rights, or water use rights of any other person and does not create any prescriptive right or any right of priority regarding any usage of water. This Water Quality Certification shall not be interposed as a defense in any action respecting the determination of riparian or littoral rights or other rights to water use. No consumptive user is deemed by virtue of this Water Quality Certification to possess any prescriptive or other right of priority with respect to any other consumptive user.

Citation: 15A NCAC 02H .0506(b); 15A NCAC 02H .0507(c)

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>.

This, the 1st day of June, 2026

Signed by:

Faith Hardin

3185423002EA45E...

Faith Hardin, Supervisor

401 & Buffer Permitting Branch / RO



COMPENSATORY MITIGATION RESPONSIBILITY TRANSFER FORM

June 1, 2026

Permittee: NCDOT- Division 8

Project # 20210147.V2

Project Name: Widening of I-64

County: Randolph

The Division has received an acceptance letter from the NC Division of Mitigation Services (DMS) to partially satisfy the mitigation requirements set forth in 401 Individual Certification No. WQC 9006 issued to NCDOT on June 1, 2026 as provided in the table below.

Type	Compensatory Mitigation	River and 8-digit HUC Number
Stream	1,205 LF (credits)	Yadkin / 03040103 and 03040103

The Permittee must provide a copy of this form to the Mitigation Provider specified above, who will then sign the form to verify receipt of payment and the transfer of the mitigation responsibility. Once the Mitigation Provider has signed this form, it is the Permittee’s responsibility to ensure that a signed copy of this form is submitted to DEQ.WR.401MRT@deq.nc.gov **before** conducting any of the authorized impacts.

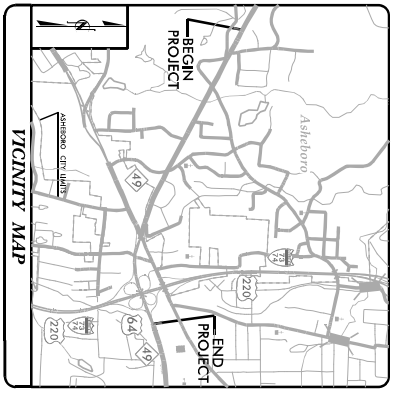
The Mitigation Provider verifies that the mitigation requirements (credits) shown above, have been released and are available at the identified bank site(s). By signing below, the Mitigation Provider is accepting full responsibility for the identified mitigation. **As a reminder to the Mitigation Provider, no more than 25 percent of the total mitigation required by Division can be met through preservation, unless requested and approved by the Division Director (15A NCAC 02H. 0506(c)(7)).**

Signature Authority Name (print): _____

Signature: _____ Date: _____



CONTRACT: **TIP PROJECT: U-5813**



Submitted 3/2/2021

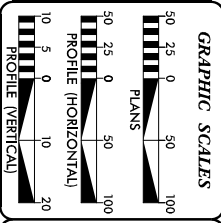
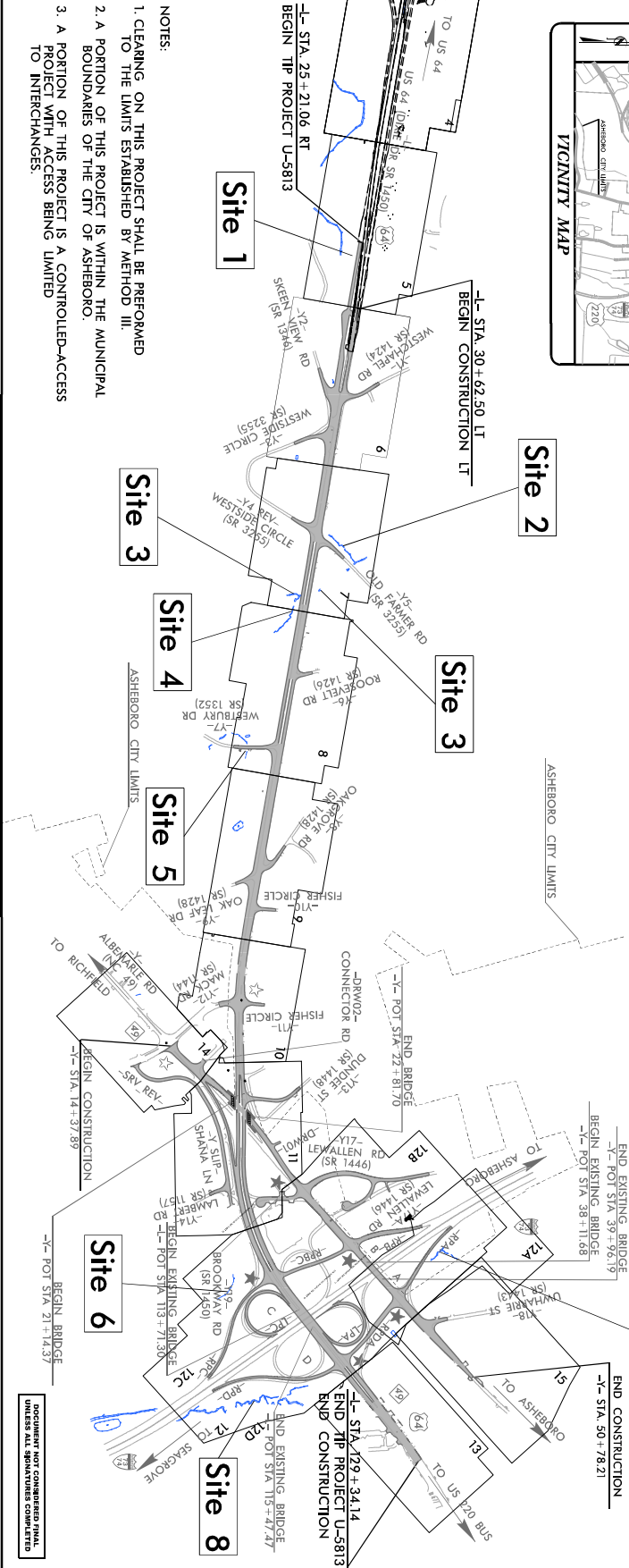
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

RANDOLPH COUNTY

LOCATION: US 64 FROM ASHEBORO BYPASS TO
EAST OF I-77/I-74/US 220 TO ASHEBORO

TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES,
CULVERT & SIGNALS

WETLAND AND SURFACE WATER IMPACTS PERMIT



DESIGN DATA

ADT 2000 =	32,200
ADT 2040 =	35,700
K =	8%
D =	55%
T =	4%
V =	60 MPH / (C&G)
* TTST =	3% DUAL 7%
PLNC CLASS =	PRINCIPAL ARTERIAL
STATEWIDE TIER	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT U-5813	= 1.972 MILES
TOTAL LENGTH TIP PROJECT U-5813	= 1.972 MILES
TOTAL LENGTH BASED ON ± CENTERLINE AND RIGHT SIDE BEGIN CONSTRUCTION	

HNTB

PREPARED IN THE OFFICE OF:
200 STANDARD SPECIFICATIONS
10000 W. HUNTERS LANE
FAYETTEVILLE, NC 28404
PHONE: 704.336.1555

RIGHT OF WAY DATE:
JANUARY 15, 2021

LETTING DATE:
SEPTEMBER 20, 2022

PREPARED IN THE OFFICE OF:
G. JOHN HORNBECK, PE
PROJECT ENGINEER

PROJECT DESIGNER:
ROY H. TELLER, PE
PROJECT DESIGN ENGINEER

PROJECT CHECKER:
MELANIE NGUYEN, PE
PROJECT CHECKER

HYDRAULICS ENGINEER:

ROADWAY DESIGN ENGINEER:

PERMIT DRAWING SHEET 1 OF 19



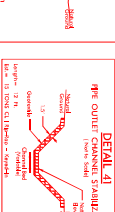
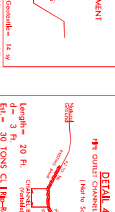
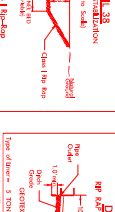
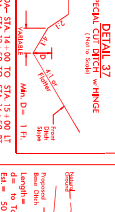
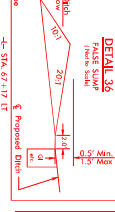
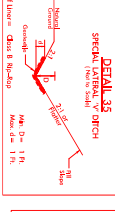
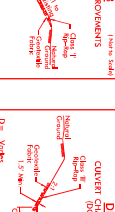
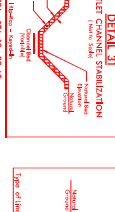
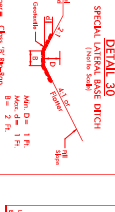
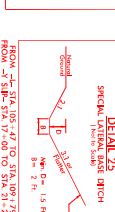
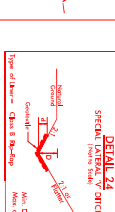
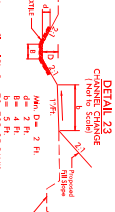
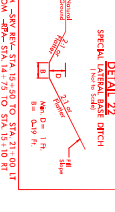
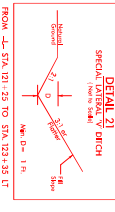
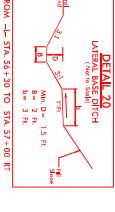
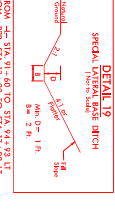
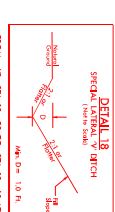
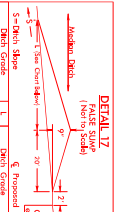
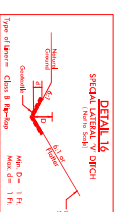
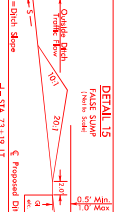
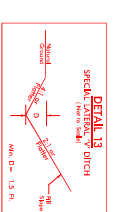
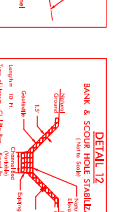
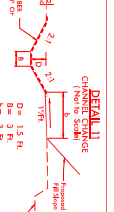
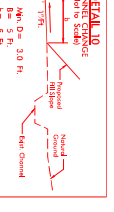
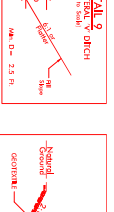
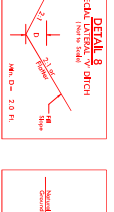
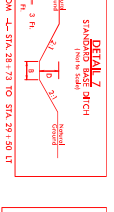
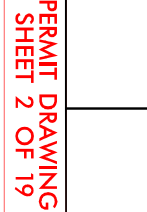
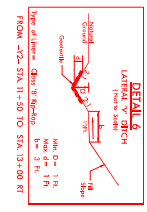
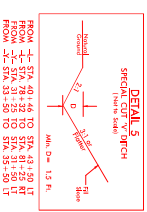
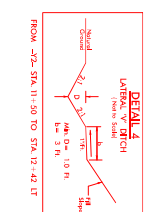
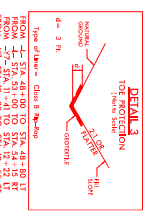
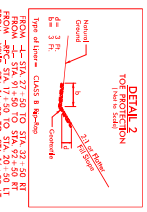
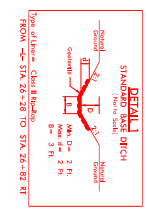
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETE

Submitted 3/2/2021

U-5813 PROPOSED DITCH TYPICALS

HNTB
3195 W. 108th Street, Suite 100
Overland Park, KS 66204
Tel: 913.241.2200
Fax: 913.241.2201

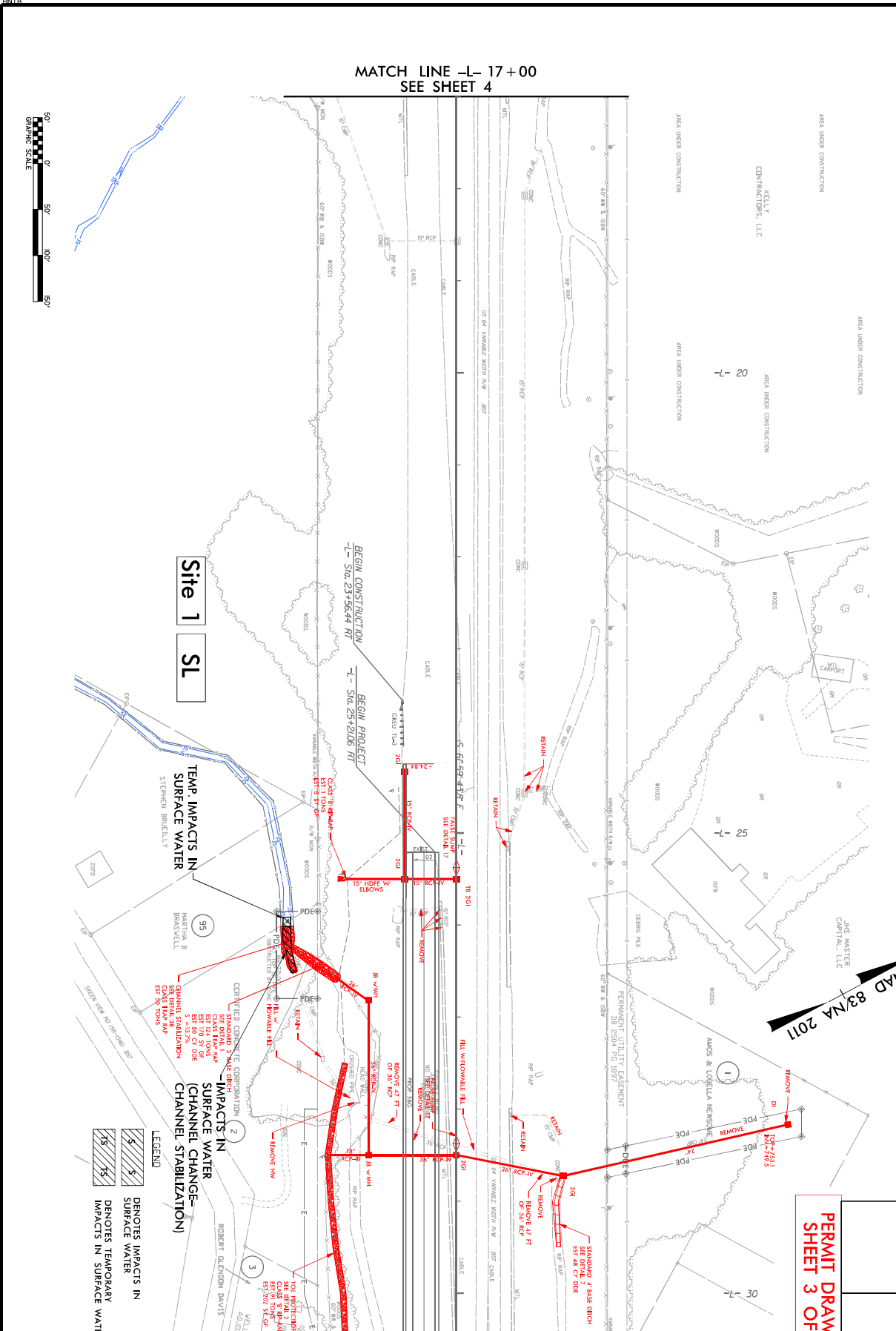
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SHEET NO. 20-1
PROFILES
ENGINEER



PERMIT DRAWING
SHEET 2 OF 19

Submitted 3/12/2021

WETLAND & STREAM IMPACTS



HNTB HNTB NORTH CAROLINA, P.C.
 4915 WEST FORTLINDEN Pkwy, Suite 200
 Raleigh, North Carolina 27608
 REG. LICENSE NO. 27608

PROJECT REFERENCE NO.	SHEET NO.
U-5813	5
DATE	DATE
NOVEMBER 2018	HYDROLOGICS
ENGINEER	ENGINEER

PERMIT DRAWING
SHEET 3 OF 19



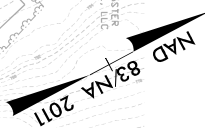
Submitted 3/2/2021

WETLAND & STREAM IMPACTS

HNTRB HNTB NORTH CAROLINA, P.C. Suite 200
1915 W. Hargett Street
Raleigh, North Carolina 27608

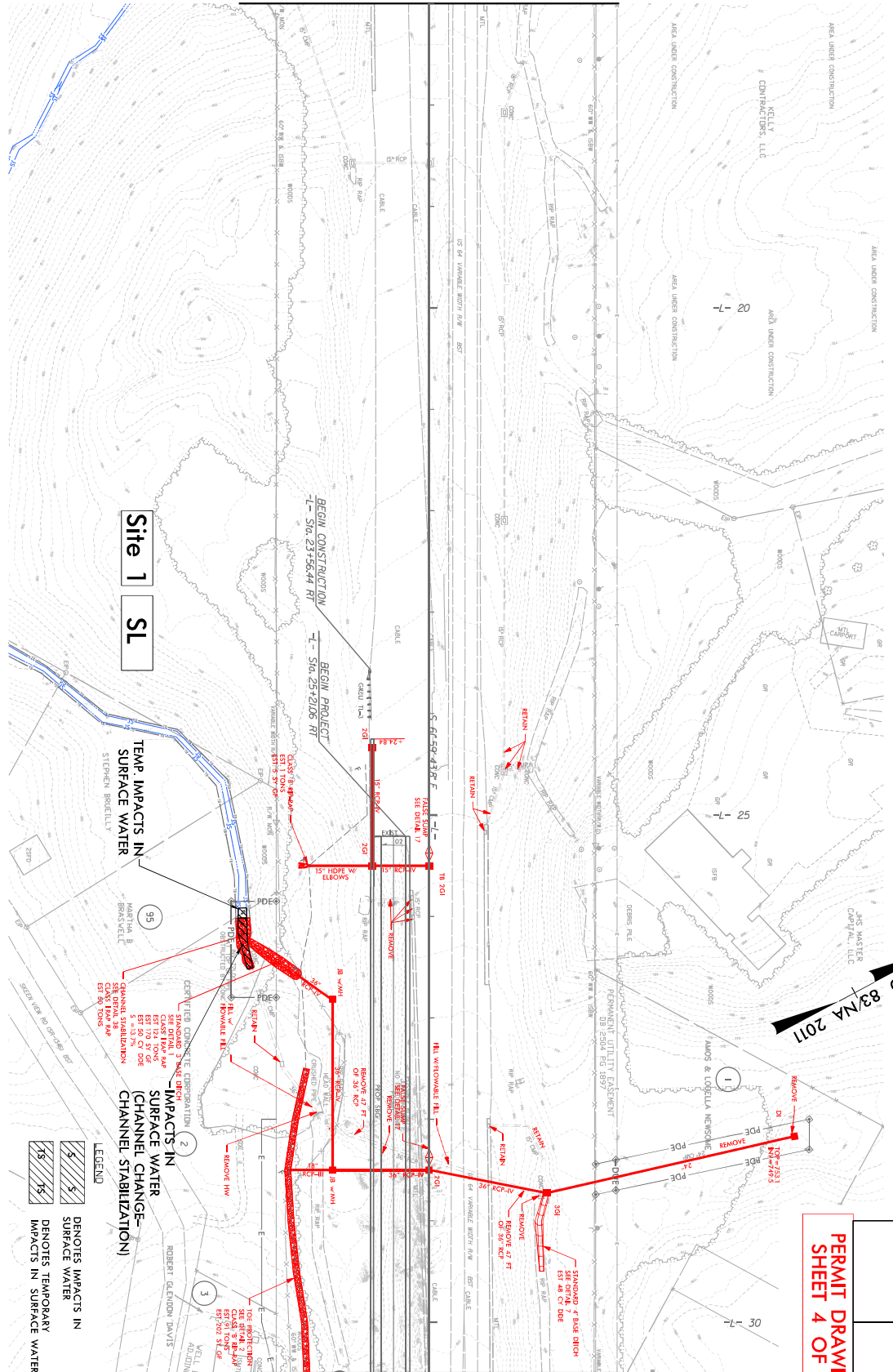
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SHEET NO. 5
KIMMELT BISHOP ENGINEERS
HYDROLOGICS ENGINEER

**PERMIT DRAWING
SHEET 4 OF 19**



MATCH LINE -L- 17+00
SEE SHEET 4

MATCH LINE -L- 30+50
SEE SHEET 6



Site 1 SL



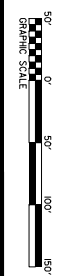
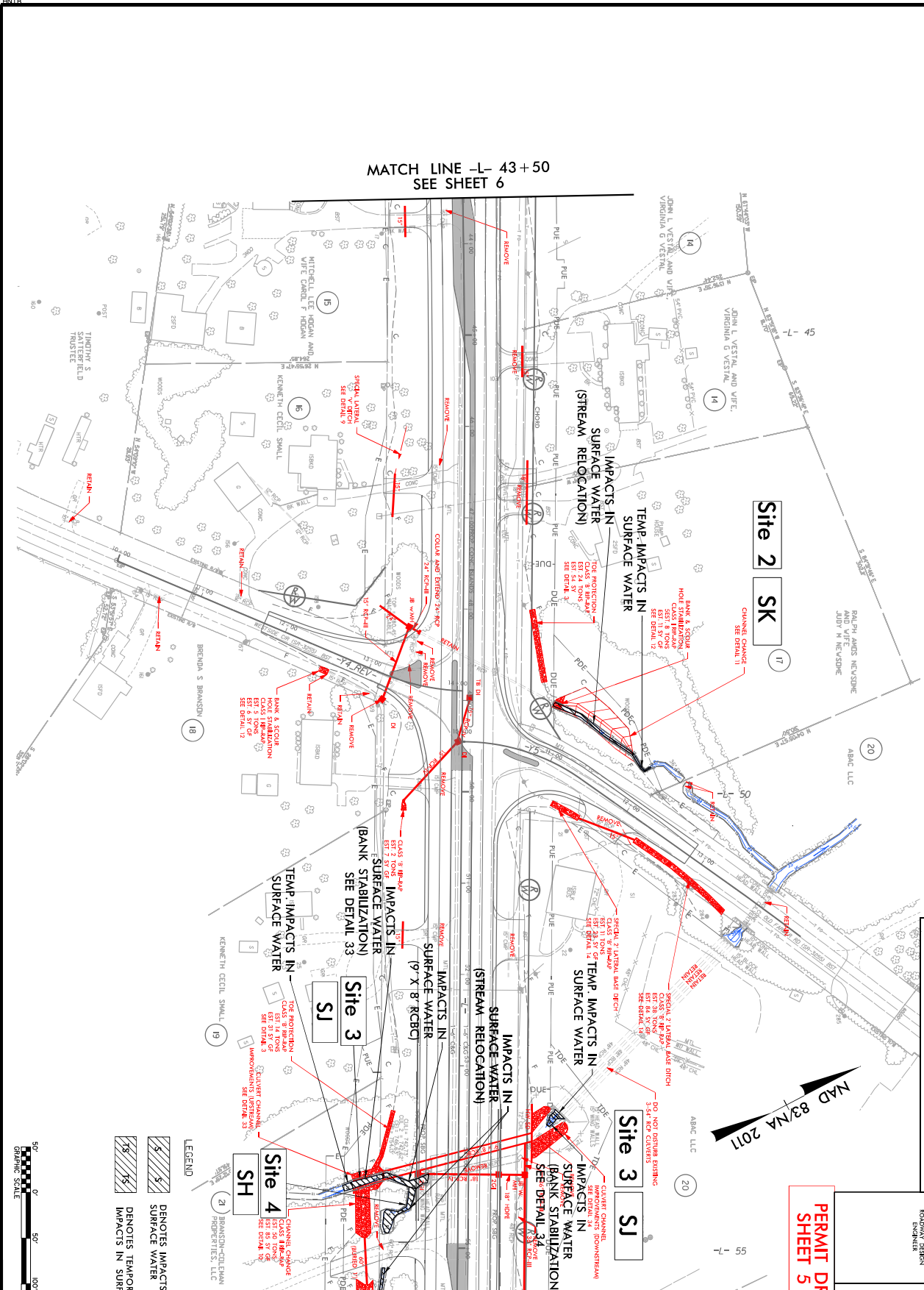
LEGEND
DENOTES IMPACTS IN SURFACE WATER
DENOTES TEMPORARY IMPACTS IN SURFACE WATER

Submitted 3/2/2021
WETLAND & STREAM IMPACTS

HNTRB 4915 NORTH FAYETTEVILLE ROAD, SUITE 200
ROSELAND, NORTH CAROLINA 27608

PROJECT REFERENCE NO. SHEET NO.
L-5813 7
ROWAY RESHIN HYDROLOGIST
ENGINEER ENGINEER

PERMIT DRAWING
SHEET 5 OF 19



- LEGEND
- DENOTES IMPACTS IN SURFACE WATER
 - DENOTES TEMPORARY IMPACTS IN SURFACE WATER

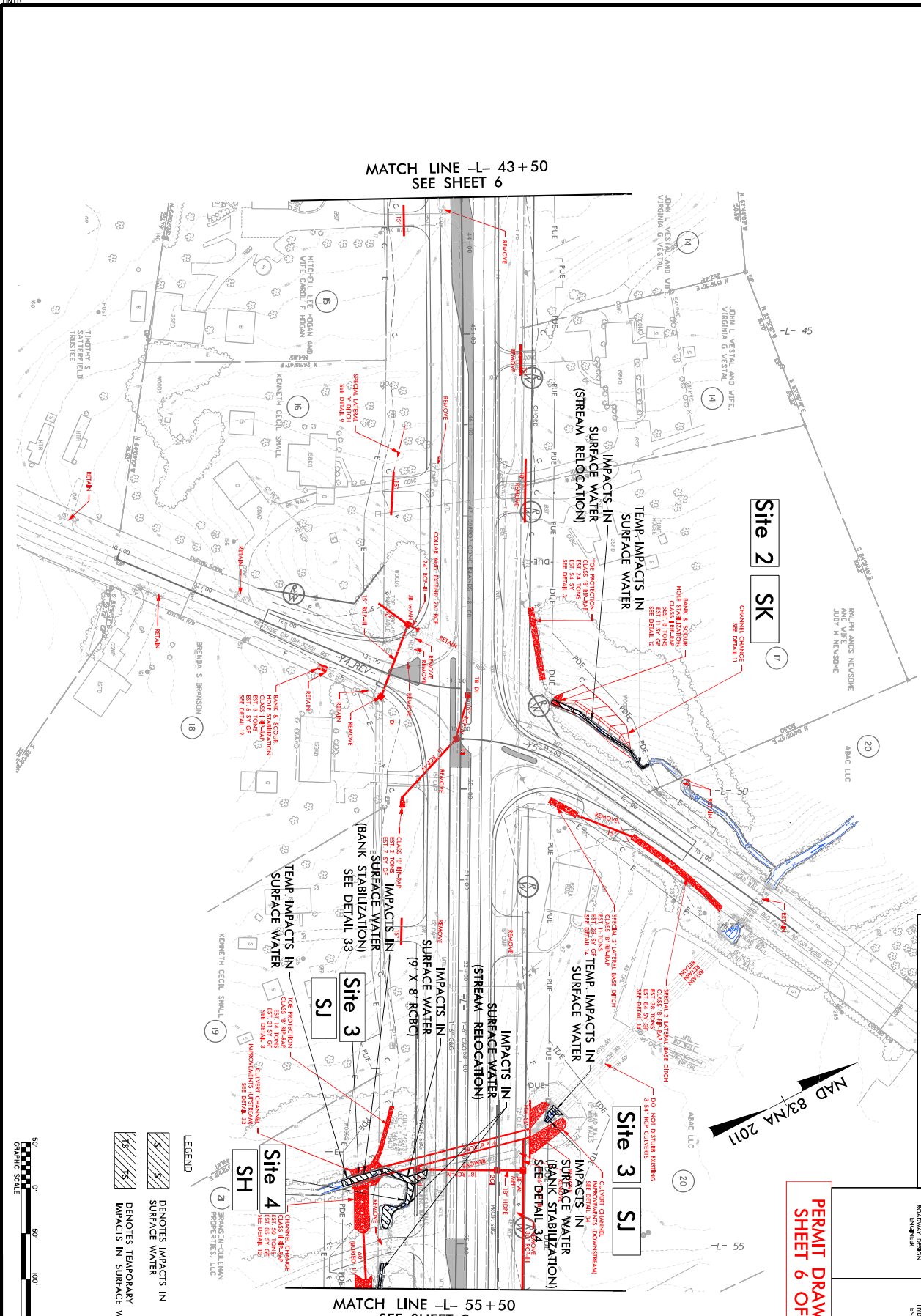
Submitted 3/2/2021
WETLAND & STREAM IMPACTS



5105 NORTH FAYETTE ROAD, P.O. BOX 200
RALEIGH, NORTH CAROLINA 27608

PROJECT REFERENCE NO.	SHEET NO.
U-5813	7
ROW DESIGN	HYDROLOGIST
ENGINEER	ENGINEER

PERMIT DRAWING
SHEET 6 OF 19

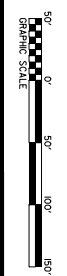


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SEE SHEET 6

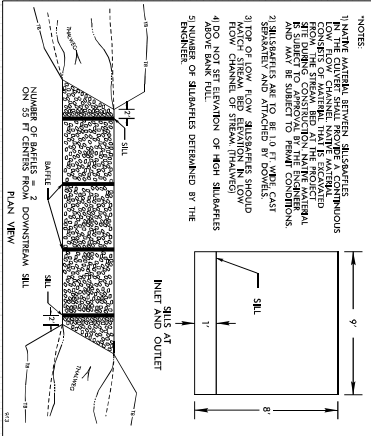
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LEGEND

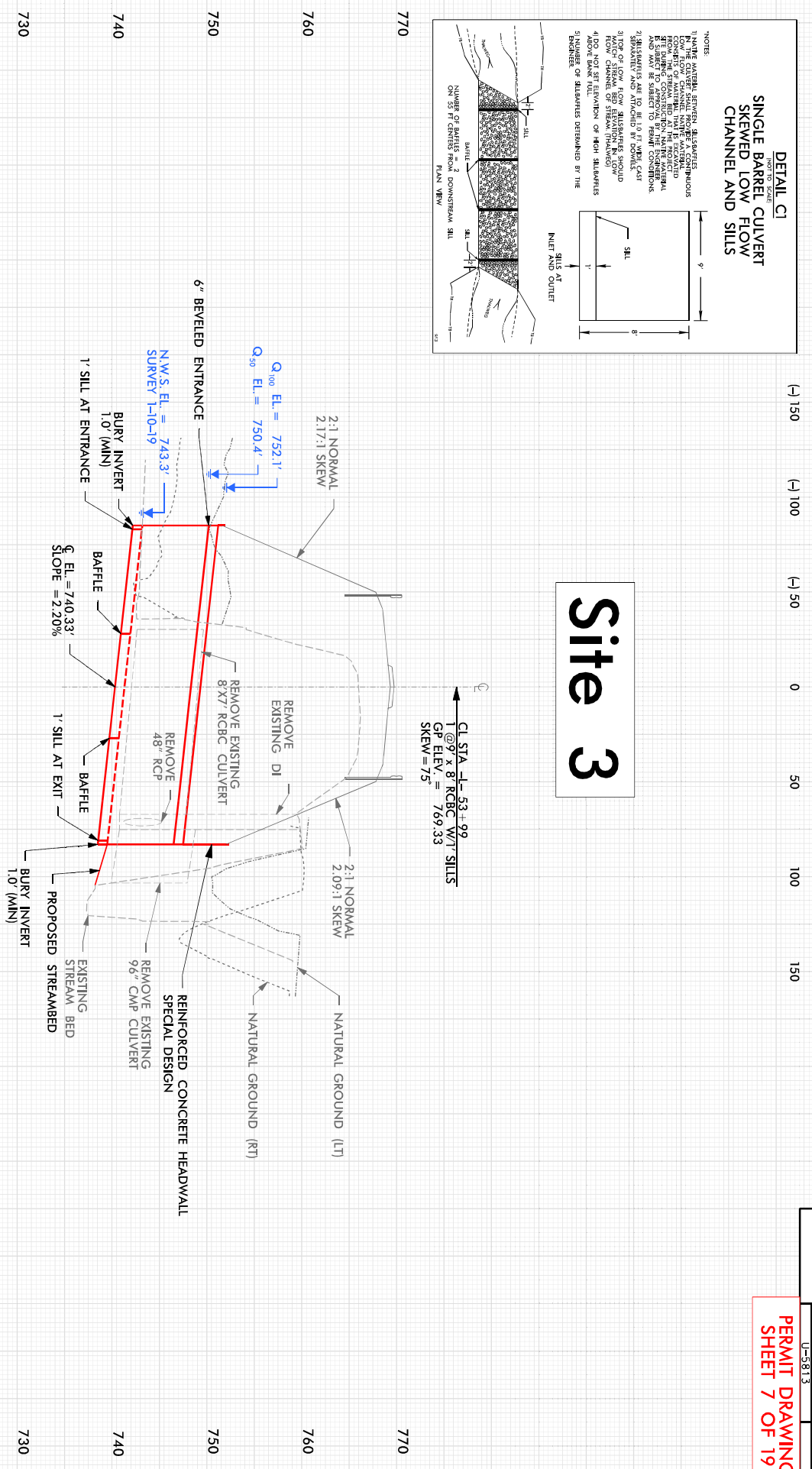
	DENOTES IMPACTS IN SURFACE WATER
	DENOTES TEMPORARY IMPACTS IN SURFACE WATER



DETAIL C1
SINGLE BARREL CULVERT
SKEWED LOW FLOW
CHANNEL AND SILLS



Site 3



Submitted 3/2/2021

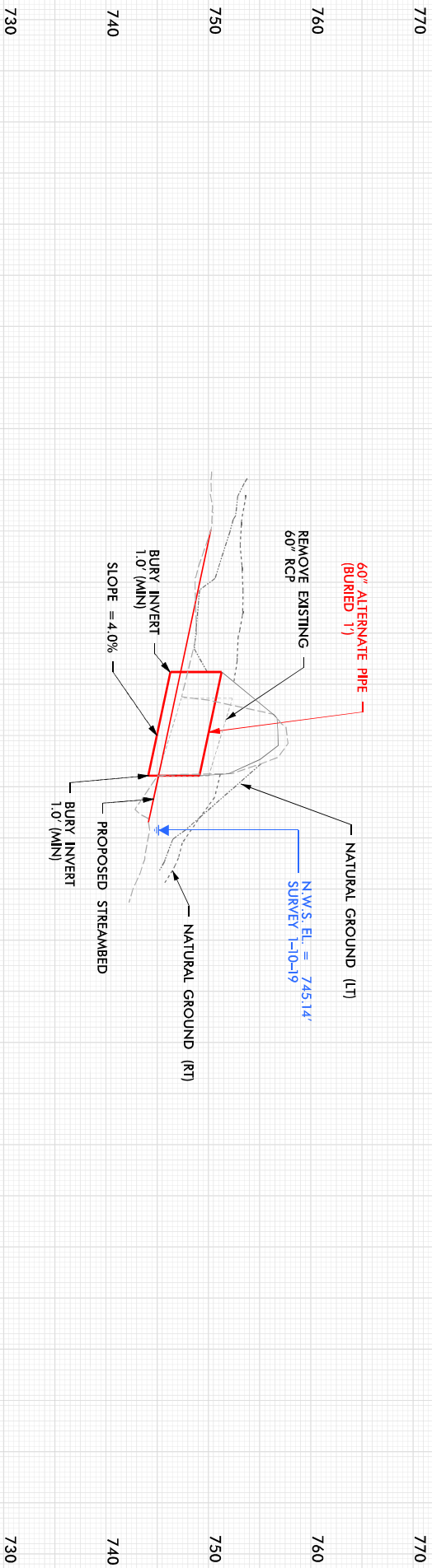
PERMIT DRAWING
SHEET 7 OF 19

RANDOLPH COUNTY
PROJECT: U-5813
US-64
FROM ASHEBORO BYPASS TO
EAST OF I-731-74/US 220

(-) 150 (-) 100 (-) 50 0 50 100 150

Submitted 3/2/2021

Site 4



PROJ. REFERENCE NO. U-5813	SHEET NO.
PERMIT DRAWING SHEET 8 OF 19	

RANDOLPH COUNTY
 PROJECT: U-5813
 US-64
 FROM ASHEBORO BYPASS TO
 EAST OF I-731-74/US 220

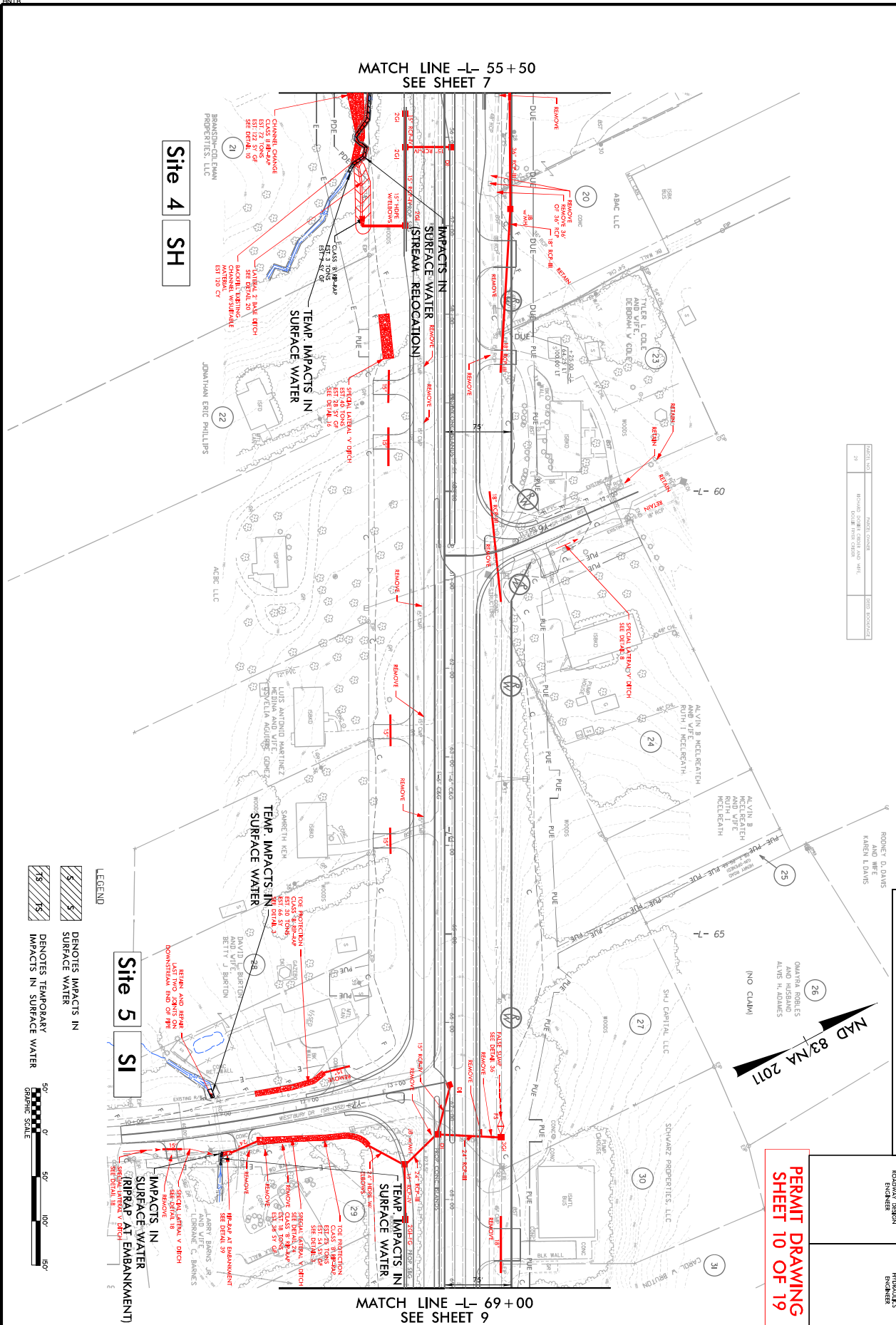
Submitted 3/12/2021
WETLAND & STREAM IMPACTS



1918 NORTH FAYETTE ROAD, SUITE 200
RANDLEMAN, NORTH CAROLINA 27608
TEL: 704.771.0000 FAX: 704.771.0001
WWW.HNTB.COM

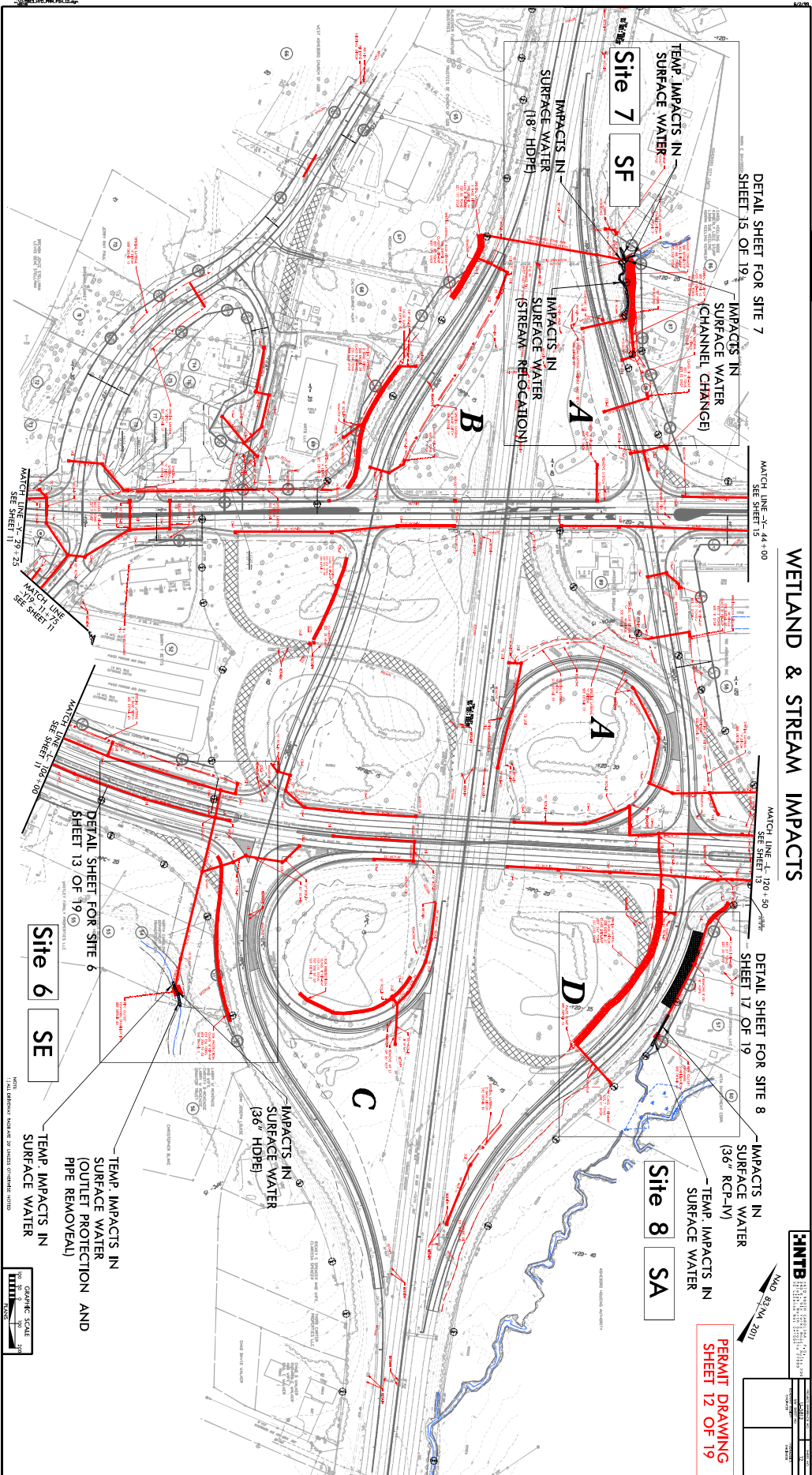
PROJECT REFERENCE NO. U-5813
SHEET NO. 8
DRAWN BY: J. BARNES
CHECKED BY: J. BARNES
DATE: 08/17/99

PERMIT DRAWING
SHEET 10 OF 19



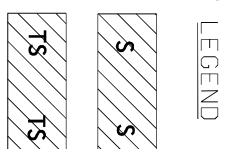
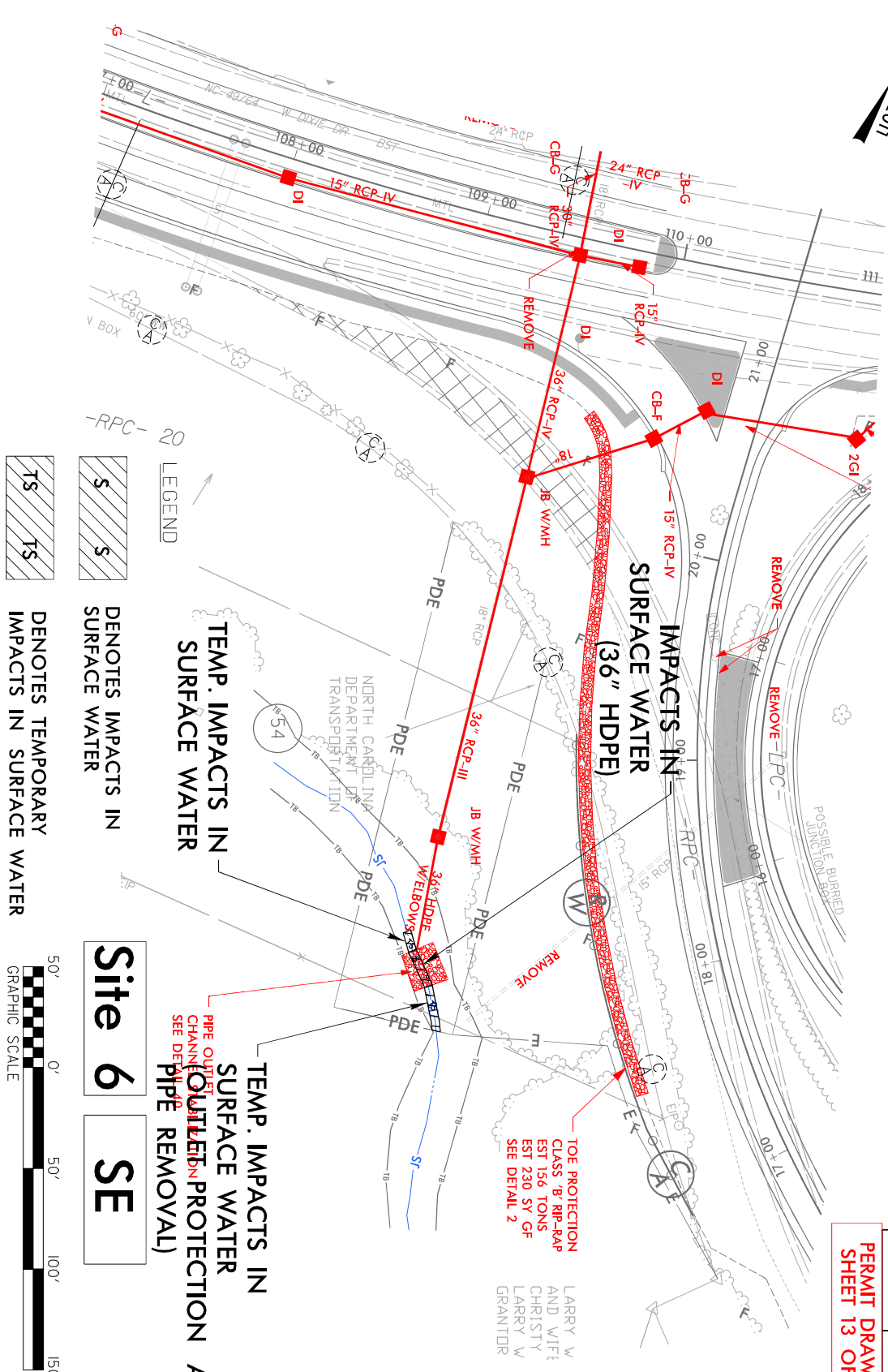
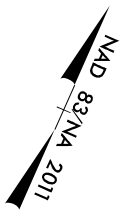
Submitted 3/2/2021

WETLAND & STREAM IMPACTS



Submitted 3/2/2021

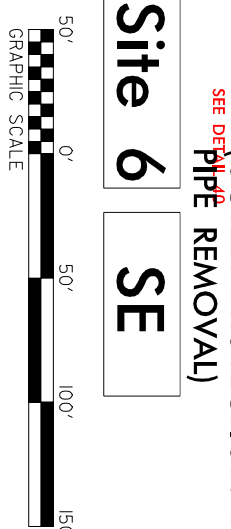
WETLAND & STREAM IMPACTS



LEGEND

S DENOTES IMPACTS IN SURFACE WATER

TS DENOTES TEMPORARY IMPACTS IN SURFACE WATER



Site 6 SE

TEMP. IMPACTS IN SURFACE WATER
PIPE OUTLET CHANNEL PROTECTION AND PIPE REMOVAL

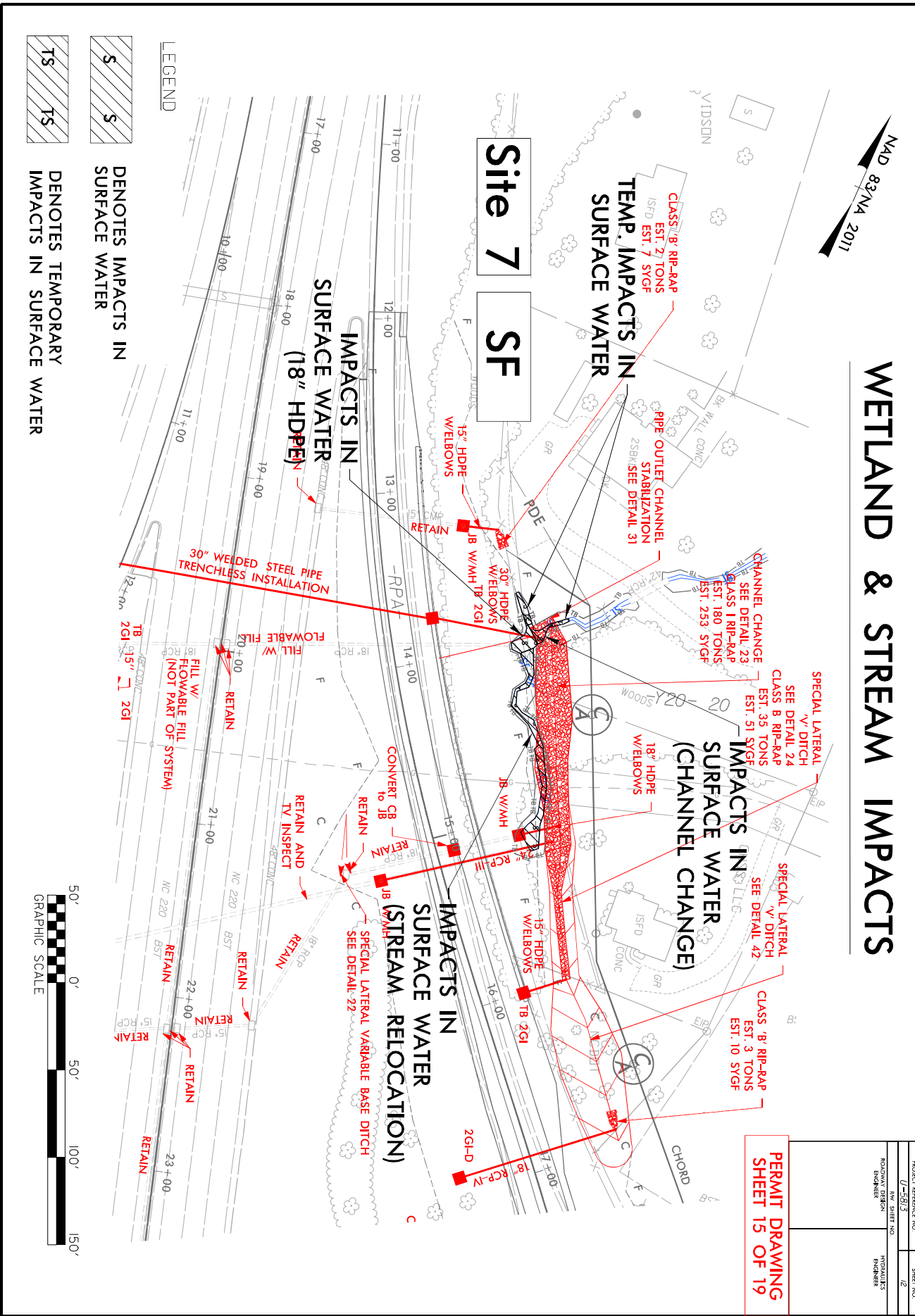
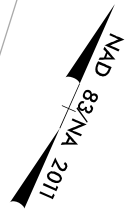
TOE PROTECTION CLASS 'B' RIP-RAP EST 136 TONS EST 230 SF GF SEE DETAIL 2

LARRY W AND WIFE CHRISTY LARRY W GRANT/DIR

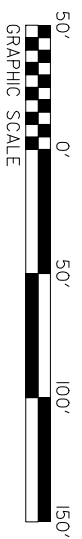
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RAW SHEET NO.			
RODWAY PERRON ENGINEER		HYDRAULICS ENGINEER	
PERMIT DRAWING SHEET 13 OF 19			

Submitted 3/12/2021

WETLAND & STREAM IMPACTS



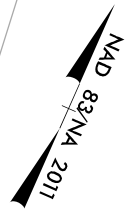
- LEGEND**
- S DENOTES IMPACTS IN SURFACE WATER
 - TS DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PROJECT REFERENCE NO.	U-5913	SHEET NO.	12
RAW SHEET NO.		HYDRAULICS ENGINEER	
RODWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
PERMIT DRAWING		SHEET 15 OF 19	

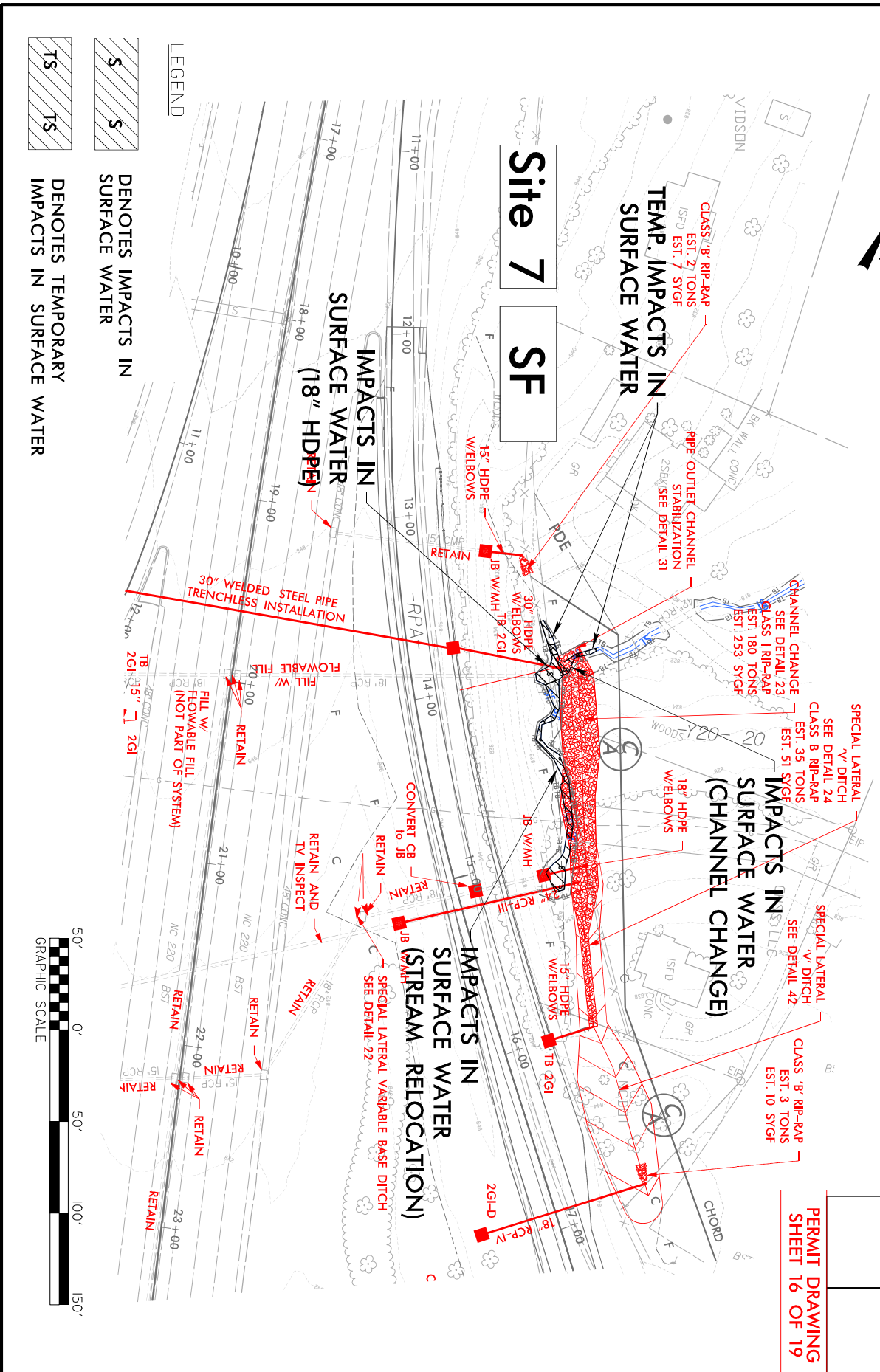
Submitted 3/12/2021

WETLAND & STREAM IMPACTS



PROJECT REFERENCE NO.	U-5913	SHEET NO.	12
RAW SHEET NO.			
RODMAN DESIGN ENGINEER		HYDRAULICS ENGINEER	

PERMIT DRAWING
SHEET 16 OF 19

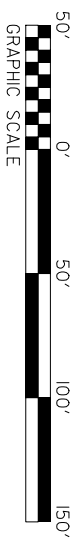


Site 7 SF

LEGEND

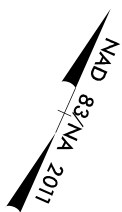
DENOTES IMPACTS IN SURFACE WATER

DENOTES TEMPORARY IMPACTS IN SURFACE WATER



Submitted 3/2/2021

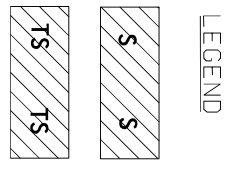
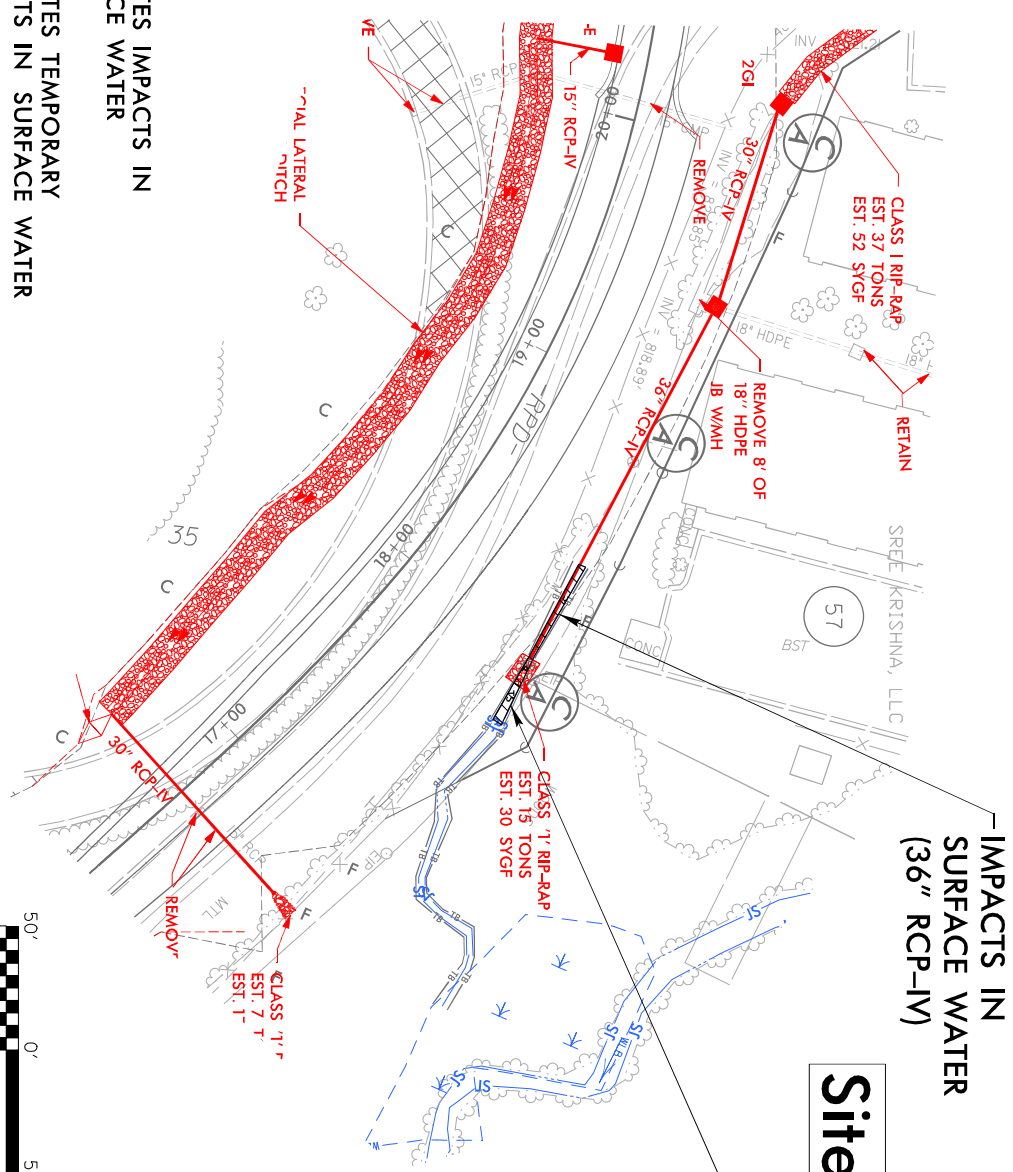
WETLAND & STREAM IMPACTS



PROJECT REFERENCE NO.	SHEET NO.
U-5913	12
RAW SHEET NO.	
MOJAWI DESIGN ENGINEER	HYDRAULICS ENGINEER

PERMIT DRAWING
SHEET 17 OF 19

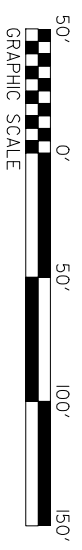
Site 8 SA



LEGEND

S DENOTES IMPACTS IN SURFACE WATER

TS DENOTES TEMPORARY IMPACTS IN SURFACE WATER



WETLAND AND SURFACE WATER IMPACTS SUMMARY

Site No.	Stream Name Stream ID	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	UT to Cable Creek / SL	-L- 25+91 to 26+52 RT	Channel Stabilization						< 0.01	< 0.01	52	10	
2	UT to Cedar Fork Creek / SK	-Y5- 10+82 to 11+91 LT	Stream Relocation						< 0.01	< 0.01	103	31	
3	UT to Cedar Fork Creek / SJ	-L- 53+47 to 53+66 LT	Bank Stabilization						< 0.01	< 0.01	14	5	
3	UT to Cedar Fork Creek / SJ	-L- 54+18 to 54+35 RT	9' X 8' RCBC						< 0.01		53		
3	UT to Cedar Fork Creek / SJ	-L- 54+19 to 54+38 RT	Bank Stabilization						< 0.01	< 0.01	36	10	
4	UT to Cedar Fork Creek / SH	-L- 54+33 to 56+40 RT	Stream Relocation						0.02	< 0.01	190	11	
5	UT to Cedar Fork Creek / SI	-Y7- 11+04 to 11+11 LT/RT	Riprap at embankment						< 0.01	< 0.01	5	20	
6	UT to Little River / SE	-RPA- 17+98 to 18+37 LT	36" HDPE						< 0.01	< 0.01	19	23	
7	UT to Cedar Fork Creek / SF	-RPA- 13+66 to 14+04 LT	18" HDPE						< 0.01	< 0.01	16	20	
7	UT to Cedar Fork Creek / SF	-RPA- 13+87 to 14+00 LT	Channel Change						< 0.01	< 0.01	12	10	
7	UT to Cedar Fork Creek / SF	-RPA- 14+02 to 15+22 LT	Stream Relocation						0.01		120		
8	UT to Little River / SA	-RPD- 17+75 to 18+38 RT	36" RCP-IV						< 0.01	< 0.01	55	17	
TOTALS*:									0.068	0.014	675	157	

*Rounded totals are sum of actual impacts

NOTES:

Revised 2016 Feb

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 10/6/2020
 Randolph County
 U-5813
 44385.1.3

SHEET 19 OF 19