



DEPARTMENT OF THE ARMY  
WILMINGTON DISTRICT, CORPS OF ENGINEERS  
69 DARLINGTON AVENUE  
WILMINGTON, NORTH CAROLINA 28403-1343

February 10, 2020

Regulatory Division

Action ID No. SAW-2008-02424

Mr. Philip S. Harris, III, CPM  
North Carolina Department of Transportation  
Environmental Analysis Unit  
598 Mail Service Center  
Raleigh, North Carolina 27699

Dear Mr. Harris:

Reference the Department of the Army (DA) permit issued November 20, 2012, to the North Carolina Department of Transportation (NCDOT) for impacts associated with the U-2507A project, the widening of Mallard Creek Road SR (2467) from H.T. Harris Boulevard (SR 2665) to the intersection of Hubbard Road (SR 2494) and continuing southeast on new location to Sugar Creek Road (SR 2480) with an additional extension from Rumples Road (SR 2501) to Neal Road (SR 2498) in Mecklenburg County. Coordinates (in decimal degrees) for the project are Latitude 35.29586 N and Longitude -80.79329 W. The project contains unnamed tributaries to Mallard Creek and to Doby Creek, and multiple delineated wetlands in the Yadkin River Basin (HUC 03040105). Also reference the North Carolina Department of Environmental Quality (NCDEQ) Certification # 3921, dated May 24, 2012.

Permitted impacts to waters of the U.S., including wetlands, for the U-2507A project, are 0.15 acre of permanent impact to wetlands (0.11 acre of which are isolated wetland impacts) and 1,121 linear feet of permanent impact to streams (147 linear feet of which are for bank stabilization) and 1.09 acres of open water impacts. The project also includes less than 0.01 acre of temporary stream impact.

On November 7, 2019, the U.S. Army Corps of Engineers (Corps) received a request from NCDOT to modify the standard permit for the U-2507A project to include more time to build Site 6. Authorized work for Site 6 has not been started. Standard Permit, SAW No. 2008-02424, expired on 31 December 2017. The permitted impacts to waters of the U.S. for Site 6 include the permanent wetland impact of 0.01 acres to Wetland 3 for mechanical clearing, the permanent fill of 12 linear feet of Stream 3 "S3" (unnamed

tributary to Mallard Creek) for the extension of a 24" pipe, and the permanent fill of 16 linear feet of S3 for stream bank stabilization.

On August 30, 2018, the NCDEQ, NCDOT, and Corps visited the U-2507A project. Five (5) of the six (6) permit sites have been completed and comply with the 2012 DA standard permit. There are no changes planned for Site 6; the impacts remain as permitted in 2012. All impacts that required compensatory mitigation from the Corps have been mitigated by the purchase of credits from the North Carolina Department of Mitigation Services (NCDMS) (see Mitigation Transfer Form signed by NCDMS on December 6, 2012).

The Corps has completed the evaluation of your request and has determined it is appropriate and reasonable, and no public notice is required for this modification. Therefore, the permit is modified as requested and, as shown on the enclosed permit drawings: "U-2507A" Sheet 1 of 23 dated November 2012, "U-2507A, Site 6" Sheets 19 – 23 of 23 dated November 2012.

The following special condition from the original authorization has been updated to include the enclosed permit drawings:

1. All work authorized by this permit shall be performed in strict compliance with the attached plans, "U-2705A, Site 6," Sheet 1, and Sheets 19 – 23 of 23 dated November 2012, which are part of this permit. The permittee shall ensure the construction design plans for this project do not deviate from the permit plans attached to this authorization. The U.S. Army Corps must approve any modification to the attached permit plans before any active construction in water or wetlands.

The following general condition from the original authorization has been updated:

1. The time limit for completed the work authorized for Site 6 of U-2507A ends on 31 December 2023.

The North Carolina Department of Environmental Quality issued a modified Section 401 Water Quality Certification (WQC) for this modification dated February 6, 2020. Conditions of the 401 WQC are also conditions of this Corps standard permit.

All other conditions remain in effect as written. Should you have any questions, contact Ms. Nicholle Braspennickx, Charlotte Regulatory Office, via email at [Nicholle.M.Braspennickx@usace.army.mil](mailto:Nicholle.M.Braspennickx@usace.army.mil) or by telephone at (704)510-0162

FOR THE COMMANDER



Monte K. Matthews  
Lead Project Manager  
Wilmington District

Enclosures

Electronic Copies Furnished with Enclosures:

Mr. Joel Howard  
North Carolina Department of Transportation  
Division 10  
716 W. Main Street  
Albemarle, North Carolina 28338

Mr. Michael Turchy  
North Carolina Department of Transportation  
Environmental Analysis Unit  
1598 Mail Service Center  
Raleigh, North Carolina 27699-1598

Electronic Copies Furnished without Enclosures:

Ms. Donna Hood  
North Carolina Department of Environmental Quality  
Division of Water Resources  
1617 Mail Service Center  
Raleigh, North Carolina 27699-1617

Ms. Claire Ellwanger  
U.S. Fish and Wildlife Service  
Asheville Ecological Service Field Office  
160 Zillicoa Street  
Asheville, North Carolina 28801

Mr. Todd Bowers  
Oceans, Wetlands and Streams Protection Branch  
U.S. Environmental Protection Agency, Region 4  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, Georgia 30303-8931

Ms. Marla Chambers  
Western NCDOT Permit Coordinator  
North Carolina Wildlife Resource Commission  
206 Charter Street  
Albemarle, North Carolina 28001



ROY COOPER

*Governor*

MICHAEL S. REGAN

*Secretary*

S. DANIEL SMITH

*Director*

February 6, 2020

Mr. Philip S. Harris, III, P.E., CPM  
NCDOT Environmental Analysis Unit Manager  
North Carolina Department of Transportation  
1598 Mail Service Center  
Raleigh, North Carolina, 27699-1598

Subject: 401 Water Quality Certification Pursuant to Section 401 of the Federal Clean Water with ADDITIONAL CONDITIONS for Proposed improvements to Mallard Creek Road in Mecklenburg County, TIP U-2507A. NCDWR Project No. 20111102v2

Dear Mr. Harris:

Attached hereto is a copy of Certification No. 3921 issued to The North Carolina Department of Transportation (NCDOT) dated February 6, 2020. There are no design changes from the original project application submittal and subsequent issuance dated May 24, 2012. The original individual certification expired on December 31, 2017, prior to completion of the project. This issuance serves to provide Section 401 coverage to allow construction of the project's last permitted area only, Impact Site 6. All other permitted sites have been reported as completed.

If we can be of further assistance, do not hesitate to contact us.

Sincerely,

DocuSigned by:  
  
9C9886312DCD474  
Linda Culpepper, Director  
Division of Water Resources

Attachments

Electronic copy only distribution:

Nicholle Braspennickx, US Army Corps of Engineers, Charlotte Field Office  
Joel Howard, Division 10 Acting Environmental Officer  
Thomas Smith, NC DOT Roadside Environmental  
Michael Turchy, NC Department of Transportation  
Amanetta Somerville, US Environmental Protection Agency  
Claire Ellwanger, US Fish and Wildlife Service  
Marla Chambers, NC Wildlife Resources Commission  
Beth Harmon, Division of Mitigation Services  
Donna Hood, NC Division of Water Resources Mooresville Regional Office  
File Copy



**401 Water Quality Certification Pursuant to Section 401 of the Federal Clean Water Act with ADDITIONAL CONDITIONS**

**THIS CERTIFICATION** is issued in conformity with the requirements of Section 401 Public Laws 92-500 and 95-217 of the United States and subject to the North Carolina Division of Water Resources (NCDWR) Regulations in 15 NCAC 2H .0500. This certification authorizes the NCDOT to impact 0.01 acres of jurisdictional wetlands and 28 linear feet of jurisdictional streams in Mecklenburg County. The project shall be constructed pursuant to the application dated received November 6, 2019. The authorized impacts are as described below:

**Stream Impacts in the Yadkin-PeeDee River Basin**

Site	Bank Stabilization (linear feet)	Temporary Fill in Intermittent Stream (linear ft)	Permanent Fill in Perennial Stream (linear ft)	Temporary Fill in Perennial Stream (linear ft)	Total Stream Impact (linear feet)	Stream Impacts Requiring Mitigation (linear ft)
6 (Sta17+66 to 17+98 Y-13 LT)	16		12		28	0
					0	0
<b>TOTAL:</b>	16	0	12	0	28	0

**Total Stream Impact for Site 6: 28 linear feet**

**Wetland Impacts in the Yadkin-PeeDee River Basin**

Site	Fill (ac)	Fill (temporary) (ac)	Excavation (ac)	Mechanized Clearing (ac)	Hand Clearing (ac)	Total Wetland Impact (ac)	Impacts Requiring Mitigation (ac)
6				0.01		0.01	0.00
						0.00	0.00
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>

**Total Wetland Impact for Site 6: 0.01 acres.**

The application provides adequate assurance that the discharge of fill material into the waters of the Yadkin-PeeDee River Basin in conjunction with the proposed development will not result in a violation of applicable Water Quality Standards and discharge guidelines. Therefore, the State of North Carolina certifies that this activity will not violate the applicable portions of Sections 301, 302, 303, 306, 307 of PL 92-500 and PL 95-217 if conducted in accordance with the application and conditions hereinafter set forth.

This approval is only valid for the purpose and design that you submitted in your application dated received November 6, 2019. Should your project change, you are required to notify the NCDWR and submit a new application. If the property is sold, the new owner must be given a copy of this Certification and approval letter, and is thereby responsible for complying with all the conditions. If any additional wetland impacts, or stream impacts, for this project (now or in the future) exceed one acre or 150 linear feet, respectively, additional compensatory mitigation may be required as described in 15A NCAC 2H .0506 (h) (6) and (7). For this approval to remain valid, you are required to comply with all the conditions listed below. In addition, you should obtain all other federal, state or local permits before proceeding with your project including (but not limited to) Sediment and Erosion control, Coastal Stormwater, Non-discharge and Water Supply watershed regulations. This Certification shall expire on the same day as the expiration date of the corresponding Corps of Engineers Permit.

**Condition(s) of Certification:**

**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)]
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. During the construction of the project, no staging of equipment of any kind is permitted in waters of the U.S., or protected riparian buffers. [15A NCAC 02H.0506(b)(2)]
4. 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)]
5. 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)]
6. 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)]
7. 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)]

8. 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)]
9. 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)]
10. 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)]
11. Discharging hydroseed mixtures and washing out hydroseeders and other equipment in or adjacent to surface waters is prohibited. [15A NCAC 02H.0506(b)(3)]
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. [15A NCAC 02H .0506 {b}(3) and (c)(3) and 15A NCAC 02B .0200]
13. 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.
14. 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.
15. 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.
16. If the project occurs in waters or watersheds classified as Primary Nursery Areas (PNAs), SA, WS-1, WS-11, High Quality Waters (HQW), or Outstanding Resource Waters (ORW), then the sedimentation and erosion control designs shall comply with the requirements set forth in 15A NCAC 04B .0124, Design Standards in Sensitive Watershed. [15A NCAC 02H.0506(b)(3) and (c)(3); GC 4135]
17. 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]
18. All fill slopes located in jurisdictional wetlands shall be placed at slopes no flatter than 3:1, unless otherwise authorized by this certification. [15A NCAC 02H.0506(b)(2)]
19. 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)]
20. 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]

21. The issuance of this certification does not exempt the Permittee from complying with any and all statutes, rules, regulations, or ordinances that may be imposed by other government agencies (i.e. local, state, and federal) having jurisdiction, including but not limited to applicable buffer rules, stormwater management rules, soil erosion and sedimentation control requirements, etc.
22. 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).
23. Upon completion of the project (including any impacts at associated borrow or waste sites), the NCDOT Division Engineer shall complete and return the enclosed "Certification of Completion Form" to notify the NCDWR when all work included in the 401 Certification has been completed. [15A NCAC 02H.0502(f)].
24. Native riparian vegetation (ex. *Salix nigra*, *Juncus* (spp), *Carex* (spp), et al.) 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.0231(b)(6)]
25. 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).
26. 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) and (c)(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.
27. Sediment and erosion control measures shall not be placed in wetlands or surface waters, or within 5 feet of the top of bank, without prior approval from DWR. [15A NCAC 02H.0506(b)(3) and (c)(3)]
28. With the issuance of this 401 certification, the DWR approves the stormwater drainage and treatment designs as shown in the roadway plans and permit drawings submitted as part of the 401 application, which are incorporated by reference and are enforceable by the DWR. Significant modifications to the way stormwater is managed and conveyed, any outfalls, or stormwater control measures represented in the roadway plans or permit drawings after issuance of this 401 certification are prohibited without prior approval from the DWR. [15A NCAC 02H.0506(b)(3) and (c)(3)]
29. In the event that discharges of sediment or other pollutants from the drainage system outfalls are found by DWR to cause or contribute to a violation of surface water quality standards, DWR may take enforcement action, or NCDOT and DWR shall conduct an assessment and implement the appropriate best management practices necessary to adequately address NCDOT's contribution to the water quality standards violation. Implementation of such best management practices shall be made within a reasonable timeframe as agreed upon by NCDOT and DWR; and may require NCDOT to obtain a 404 Permit from the Corps and a 401 Certification from the DWR. [15A NCAC 02H.0506(b)(3) and (c)(3)]

Violations of any condition herein set forth may result in revocation of this Certification and may result in criminal

and/or civil penalties. This Certification shall become null and void unless the above conditions are made conditions of the Federal 404 and/or Coastal Area Management Act Permit. This Certification shall expire upon the expiration of the 404 or CAMA permit.

If you wish to contest any statement in the attached Certification you must file a petition for an administrative hearing. You may obtain the petition form from the office of Administrative hearings. You must file the petition with the office of Administrative Hearings within sixty (60) days of receipt of this notice. A petition is considered filed when it is received in the office of Administrative Hearings during normal office hours. The Office of Administrative Hearings accepts filings Monday through Friday between the hours of 8:00am and 5:00pm, except for official state holidays. The original and one (1) copy of the petition must be filed with the Office of Administrative Hearings.

The petition may be faxed-provided the original and one copy of the document is received by the Office of Administrative Hearings within five (5) business days following the faxed transmission. The mailing address for the Office of Administrative Hearings is:

Office of Administrative Hearings  
6714 Mail Service Center  
Raleigh, NC 27699-6714  
Telephone: (919)-431-3000, Facsimile: (919)-431-3100

A copy of the petition must also be served on DEQ as follows:

Mr. Bill F. Lane, General Counsel  
Department of Environmental Quality  
1601 Mail Service Center

This the 6th day of February 2020

DIVISION OF WATER RESOURCES

DocuSigned by:  
*Amy Chapman*  
9C9886312DCD474...

S. Daniel Smith, Director

WQC No. 3921



NORTH CAROLINA  
Environmental Quality

ROY COOPER

Governor

MICHAEL S. REGAN

Secretary

S. DANIEL SMITH

Director

NCDWR Project No.: \_\_\_\_\_ County: \_\_\_\_\_

Applicant: \_\_\_\_\_

Project Name: \_\_\_\_\_

Date of Issuance of 401 Water Quality Certification: \_\_\_\_\_

**Certificate of Completion**

Upon completion of all work approved within the 401 Water Quality Certification or applicable Buffer Rules, and any subsequent modifications, the applicant is required to return this certificate to the 401 Transportation Permitting Unit, North Carolina Division of Water Resources, 1617 Mail Service Center, Raleigh, NC, 27699-1617. This form may be returned to NCDWR by the applicant, the applicant's authorized agent, or the project engineer. It is not necessary to send certificates from all of these.

**Applicant's Certification**

I, \_\_\_\_\_, hereby state that, to the best of my abilities, due care and diligence was used in the observation of the construction such that the construction was observed to be built within substantial compliance and intent of the 401 Water Quality Certification and Buffer Rules, the approved plans and specifications, and other supporting materials.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Agent's Certification**

I, \_\_\_\_\_, hereby state that, to the best of my abilities, due care and diligence was used in the observation of the construction such that the construction was observed to be built within substantial compliance and intent of the 401 Water Quality Certification and Buffer Rules, the approved plans and specifications, and other supporting materials.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Engineer's Certification**

\_\_\_\_\_ Partial \_\_\_\_\_ Final

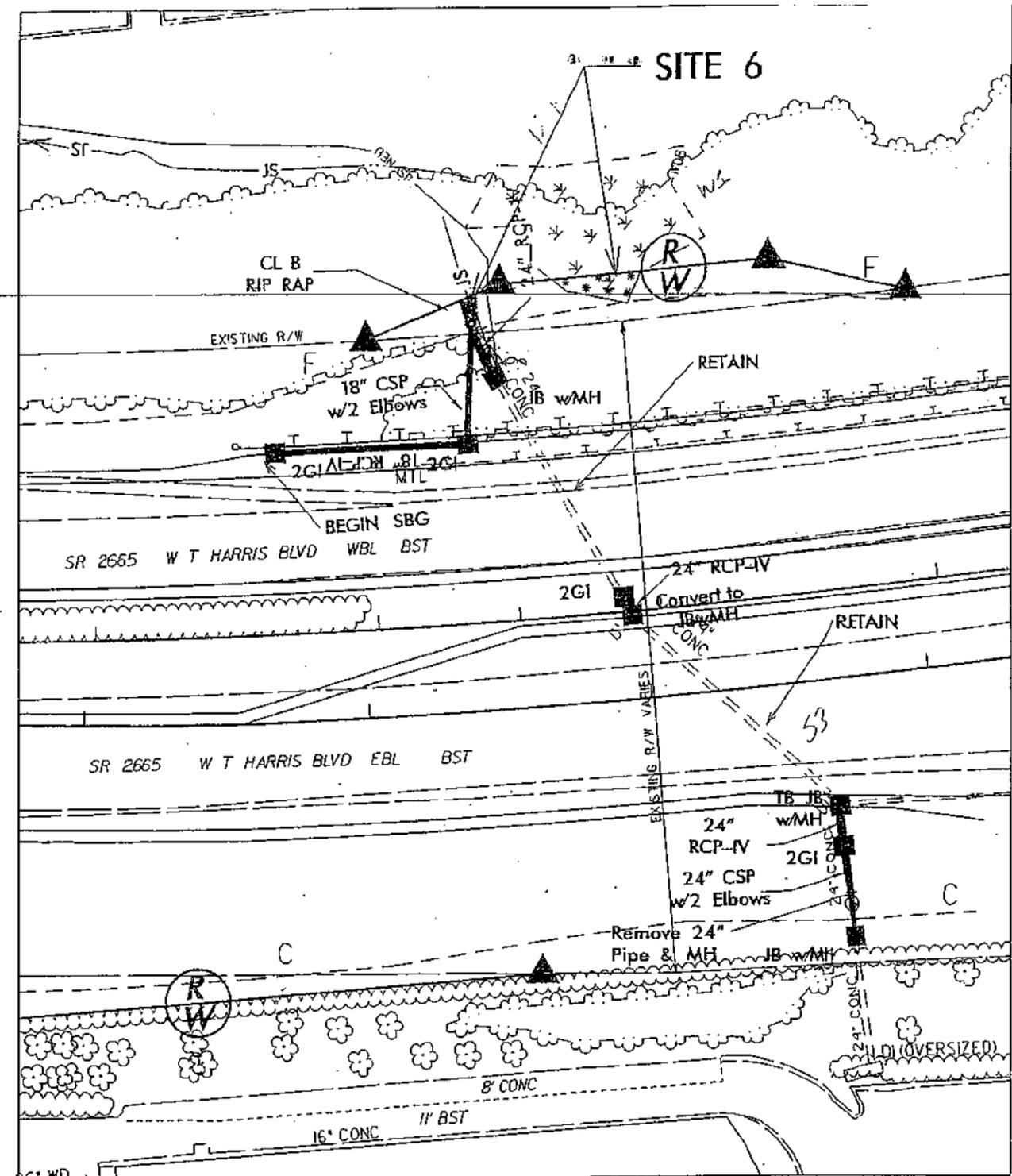
I, \_\_\_\_\_, as a duly registered Professional Engineer in the State of North Carolina, having been authorized to observe (periodically, weekly, full time) the construction of the project for the Permittee hereby state that, to the best of my abilities, due care and diligence was used in the observation of the construction such that the construction was observed to be built within substantial compliance and intent of the 401 Water Quality Certification and Buffer Rules, the approved plans and specifications, and other supporting materials.

Signature \_\_\_\_\_ Registration No. \_\_\_\_\_  
Date \_\_\_\_\_

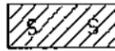
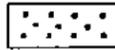


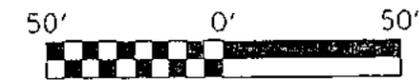
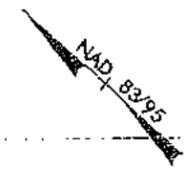






PLAN VIEW

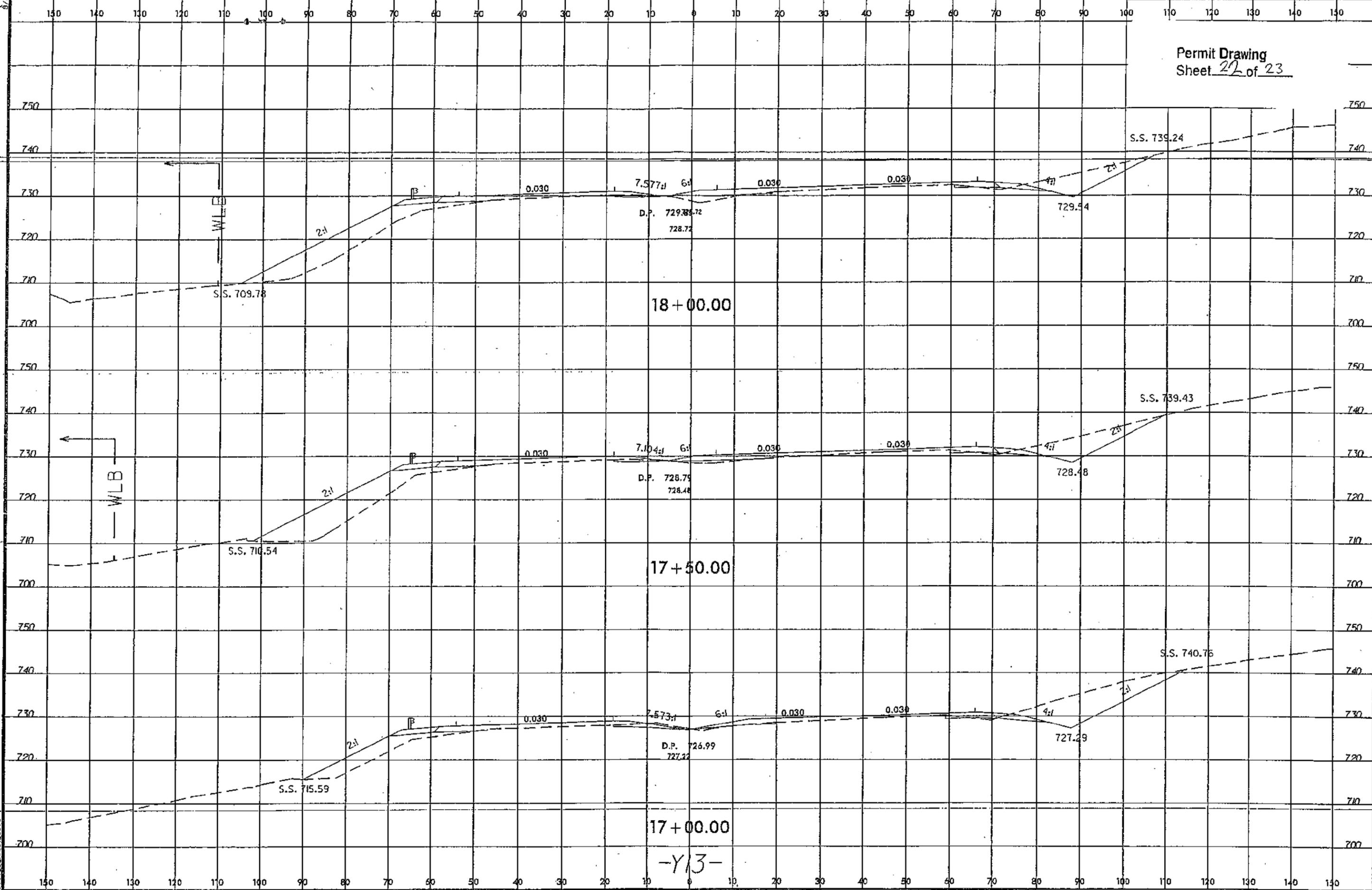
-  DENOTES IMPACTS IN SURFACE WATER
-  DENOTES MECHANIZED CLEARING



**NCDOT**  
 DIVISION OF HIGHWAYS  
 MECKLENBURG COUNTY  
 PROJECT: 34811.11 (U-2507A)

CHARLOTTE  
 SR 2467 TO SR 2665

SHEET **21** OF 23      2/16/11



-Y13-

**WETLAND PERMIT IMPACT SUMMARY**

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	50+59 to 52+15-L- RT	Fill	0.07			0.04						
	51+50 to 53+23-L-LT	Fill					<0.01	<0.01	152	10		
	53+75 to 58+49 -L-	Fill					0.04	<0.01	552	10		
	53+75 to 53+90-L-LT	Bank Stabilization					<0.01		22			
2	57+19 to 57+58-L-	Bank Stabilization					0.01	0.01	72	76		
	57+44 to 58+30-L-	7' x 8" RCBC					0.03		214			
3 *	63+89 to 67+58-L- LT	Fill					0.26	0.82				
	63+88 to 64+23-L- RT	Fill	0.01									
	63+20 to 63+21-L-RT	Bank Stabilization					<0.01	<0.01	19			
4	27+14 to 27+83-Y6-RT	Pipe Extension	0.01			0.01	<0.01		44			
		Bank Stabilization					<0.01	<0.01	34	10		
5 *	84+64-L- RT	Fill					0.01	0.02				
6	17+66 to	Fill				0.01						
	17+98-Y13- LT	Pipe Extension Bank Stabilization					<0.01		12 16			
TOTALS:			0.09			0.06			0.35	0.85	1137	106

\* Pond/Basin

NC DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

COUNTY  
WBS - 34811.1.1 (U-2507A)