

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

March 3, 2022

MEMORANDUM TO: Mr. Brandon Jones, P.E.

Division 5 Engineer

FROM: Dennis Jernigan, P.E.

NCTA Interim Chief Engineer

DocuSigned by:

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| F33D97B5AFE34BE.

SUBJECT: Triangle Expressway Southeast Extension (Complete 540) from NC

55 Bypass in Apex to US 64/264 (I-87) in Knightdale, Wake and Johnston Counties; Federal Aid No. STP-0540(19), STP-0540(20), and STP-0540(21); WBS Nos. 37673.1.TA1, 35516.1.TA1, and 35517.1.TA1; STIP Project Nos. R-2721, R-2828, and R-2829

Attached are the modified US Army Corps of Engineers (USACE) Phased Section 404 Individual Permit, NC Division of Water Resources (NCDWR) Section 401 Individual Water Quality Certification, Neuse Riparian Buffer Authorization, and Non-404 Jurisdictional Wetlands and Waters Permit for the construction of the Triangle Expressway Southeast Extension (Complete 540) from NC 55 Bypass in Apex to US 64/264 (I-87) in Knightdale, Wake and Johnston Counties. STIP Nos. R-2721, R-2828, and R-2829. This change is based on the October 25, 2021 letter requesting modification of the permit to authorize a change in the type of impact at Permit Site 30 from mechanized clearing to permanent fill; the impacts were previously mitigated for during the original permitting as this change will not cause an increase in the amount of wetland mitigation requested. Subject to any requisite permit modifications, all environmental permits have been received for the construction of the final design sections of this project.

A copy of this permit package is posted on the NCDOT website at: https://xfer.services.ncdot.gov/pdea/PermIssued

cc: w/o attachment (see website for attachments)

Mr. Ron Davenport, P.E. Contracts Management

Mr. Clarence Coleman, P.E., FHWA

Mrs. Heather Montague, Division 5

Mr. Mark Craig, P.E., Division 5

Mr. Boyd Tharrington, P.E., State Construction Engineer

Mr. Corey McLamb, P.E., Division 4

Mr. Dennis Jernigan, P.E., NCTA

Dr. Majed Al-Ghandour, P.E., Programming and TIP

Mr. Todd Lapham, Utilities Unit

Mr. Stephen Morgan, P.E., Hydraulics Unit

Mr. Brian Hanks, P.E., Structures Management Unit

Mr. Mark Staley, Roadside Environmental

Mr. Derrick Weaver, P.E., Environmental Policy Unit

Ms. Beth Harmon, NCDMS

PROJECT COMMITMENTS

Complete 540 – Triangle Expressway Southeast Extension Wake and Johnston Counties, North Carolina

STIP Project Nos. R-2721, R-2828, and R-2829 State Project Nos. 6.401078, 6.401079, and 6.401080 Federal Aid Project Nos. STP-0540(19), STP-0540(20), and STP-0540(21) WBS Nos. 37673.1.TA1, 35516.1.TA1, and 35517.1.TA1

COMMITMENTS FROM PROJECT DEVELOPMENT AND DESIGN

Item	Responsible Party	Resource	Project Commitment	Project Stage / Status	Applicable STIP Project
1	Environmental Analysis Unit, NCTA	Historic Architectural Resources	NCDOT will coordinate with the NC State Historic Preservation Office and the property owner(s) relative to potential retaining wall design to eliminate the need for permanent easement or right-of-way from the Panther Branch School.	Completed	R-2828
2	Environmental Analysis Unit, NCTA	Archaeological Resources	NCDOT will conduct an archaeological survey of the Preferred Alternative and will coordinate the results with the NC State Historic Preservation Office and the NC Office of State Archaeology.	Completed	R-2721, R-2828, and R-2829
3	Environmental Analysis Unit, NCTA	Archaeological Resources	NCDOT will establish a Memorandum of Agreement with the NC State Historic Preservation Office in order to take into account the project's effect on archaeological resources.	Completed	R-2828
4	Environmental Analysis Unit, NCTA	Archaeological Resources	NCDOT will coordinate with the NC Office of State Archaeology relative to data recovery of materials in the one site determined eligible for the National Register of Historic Places based on the information contained at the site.	Final Design and Construction	R-2828
5	NCTA	Community Resources & Section 4(f)	NCDOT will coordinate with the Town of Cary relative to a potential Section 4(f) de minimis use finding for the Middle Creek School Park.	Completed	R-2721
6	NCTA	Community Resources & Section 4(f)	NCDOT will coordinate with the City of Raleigh relative to a potential Section 4(f) de minimis use finding for the Neuse River Trail.	Completed	R-2829
7	Division 5, NCTA	Recreation Facility	During construction, NCDOT will accommodate trail users along the Neuse River Trail through the project construction zone.	Final Design and Construction	R-2829
8	Environmental Analysis Unit, NCTA	Noise	NCDOT will prepare Design Noise Reports for the Selected Alternative during final design. All feasible and reasonable noise abatement measures will be constructed.	Final Design and Construction	R-2721, R-2828, and R-2829

Item	Responsible Party	Resource	Project Commitment	Project Stage / Status	Applicable STIP Project
9	Hydraulics Unit, NCTA	Stormwater Management	NCDOT will utilize Design Standards in Sensitive Watersheds in the Swift Creek and in the Lower Middle Creek watersheds.	Construction and *Final Design	R-2721, R-2828, and R-2829*
10	NCTA Birds 37050 permanently withdraws and replaces Opinion M-37041. Opinion 37050 concludes that the MBTA applies to only affirmative actions that have as their purpose to reduce migratory birds by taking or killing of migratory birds, their eggs, or their nest.		Construction	R-2721, R-2828, and R-2829	
11	Hydraulics Unit, NCTA	Major Drainage Structures	NCDOT will perform a more detailed hydrologic and hydraulic analysis for each major drainage crossing for the Selected Alternative.	Final Design	R-2721, R-2828, and R-2829
12	Utilities Unit, NCTA	Utilities	NCDOT will coordinate with the appropriate utility owners during design of the Selected Alternative for all utility conflicts, including means to avoid or minimize impacts to utilities.	Final Design	R-2721, R-2828, and R-2829
13	Environmental Analysis Unit, NCTA	Indirect Effects & Cumulative Impacts	NCDOT will prepare a quantitative assessment for indirect and cumulative effects and impacts for the Selected Alternative.	Completed	R-2721, R-2828, and R-2829
14	Environmental Analysis Unit, NCTA	Protected Species	NCDOT will carry out all activities for which it has been assigned responsibility in the Biological Assessment of Potential Impacts to Federally Listed Species (December 2017) and the USFWS Biological Opinion (April 2018) and as amended.	Construction and *Final Design	R-2721, R-2828, and R-2829*
15	Environmental Analysis Unit, NCTA	Protected Species	NCDOT will carry out all activities for which it has been assigned responsibility in the Biological Assessment for Atlantic Sturgeon Critical Habitat (December 2017) and the NMFS concurrence letter (May 2018).	Final Design and Construction	R-2829
16	Environmental Analysis Unit, Division 5, NCTA	Protected Species	FHWA and NCDOT will update the 2017 Biological Assessment and coordinate with USFWS in accordance with ESA Section 7 for the Neuse River Waterdog, Carolina Madtom, Atlantic Pigtoe, and Atlantic Pigtoe Critical Habitats.	Completed	R-2721, R-2828, and R-2829
17	Environmental Analysis Unit, Division 5, NCTA	Protected Species	NCDOT will carry out all activities for which it has been assigned responsibility in the Revised Biological Assessment of Potential Impacts to Federally Listed Species (July 2019) and the USFWS Revised Biological/Conference Opinion (October 2019).	Construction and *Final Design	R-2721, R-2828, and R-2829*

COMMITMENTS FROM PERMITTING

Item	Responsible Party	Commitment Source	Project Commitment	Project Stage / Status	Applicable STIP Project
18	Division 5, NCTA	Recreation Facility	During construction, NCDOT will accommodate trail users along the Woodcreek Trail through the project construction zone.	Construction	R-2721A
19	Division 5, NCTA	404 Permit Condition 2	NCDOT will protect the Atlantic Sturgeon by not blocking greater than 50% of the Neuse River below the ordinary high-water mark with temporary causeways or work bridges. All causeways and work bridges will be removed at the end of the project.	Construction	R-2829
20	Environmental Analysis Unit, Division 5, NCTA	404 Permit Condition 3	NCDOT will comply with the attached USFWS Biological Opinion-Revised (USFWS BO), dated October 15, 2019.	Construction and *Final Design	R-2721, R-2828, and R-2829*
21	Division 5, NCTA	404 Permit Condition 3 (Attachment: USFWS Biological Opinion (BO) Section 2.4)	NCDOT will invite representatives of the USFWS NCWRC, and other agency personnel to preconstruction meetings prior to incurring impacts in jurisdictional features, as well as to preconstruction meetings associated with installation of structures within 0.25 mile of the Swift Creek crossing.	Construction	R-2828
22	Division 5, NCTA	404 Permit Condition 3 (Attachment: USFWS BO Section 2.4)	NCDOT will not allow any part of the bridging structure for Swift Creek to be within 10 feet of the top of bank on either side of the channel. No permanent structures or temporary structures will be placed in Swift Creek. All permanent and temporary structures will be installed and designed to maintain stability of the stream banks of Swift Creek.	Construction	R-2828
23	Roadside Environmental Unit, Division 5, NCTA	404 Permit Condition 3 (Attachment: USFWS BO Section 2.4)	NCDOT will require construction of two permanent hazardous spill basins (HSBs) at the crossing of Swift Creek. Road runoff from approximately 1.3 miles of road facility will be directed to the HSBs prior to discharge into Swift Creek or Swift Creek tributaries. The HSBs will be designed to contain a spill from a typical tanker truck. NCDOT will implement their standard protocols for upkeep and use of these HSBs.	Construction	R-2828

Item	Responsible Party	Commitment Source	Project Commitment	Project Stage / Status	Applicable STIP Project
24	Environmental Analysis Unit, Division 5, NCTA	404 Permit Condition 3 (Attachment: USFWS BO Sections: 2.4, 8.2 & 8.3)	NCDOT will conduct a preconstruction survey (just prior to construction) at the Swift Creek crossing and remove mussels from a defined salvage area and relocate them to appropriate habitat within Swift Creek outside of the salvage area (relocation site) or if deemed appropriate, after coordination with the USFWS and NCWRC, Dwarf Wedgemussel and Yellow Lance individuals may be taken into captivity to use as brood stock for propagation efforts. The preconstruction survey will be incorporated into a Mussel Relocation Plan, which will identify the salvage area and relocation site, and be developed in coordination with USFWS/NCWRC.	Construction	R-2828
25	Environmental Analysis Unit, Division 5, NCTA	404 Permit Condition 3 (Attachment: USFWS BO Sections: 2.4, 8.2 & 8.3)	NCDOT will provide funding to Wake County and NCWRC, after receiving the Section 404 Permit, to be utilized for the retrofit and upgrade of the existing research facility in the A.E. Finley Center, at the Historic Yates Mill County Park for the purpose of research and propagation of aquatic species.	Final Design	R-2721, R-2828, and R-2829
26	Division 5, NCTA	404 Permit Condition 3 (Attachment: USFWS BO Section 8.4)	NCDOT will monitor the Action area for evidence of sediment loss. The USFWS will be contacted if project related sedimentation is occurring beyond 400 meters from the Action area.	Construction	R-2828
27	Environmental Analysis Unit, Division 5, NCTA	404 Permit Condition 17	NCDOT will implement the Memorandum of Agreement (MOA) between the USACE and SHPO dated March 11, 2018 and adhere to the specific Stipulations provided in the MOA attachment.	Final Design and Construction	R-2721, R-2828, and R-2829
28	Roadside Environmental Unit, Division 5, NCTA	404 Permit Condition 23	NCDOT will segregate topsoil (6-12") in wetland areas where pipelines will be installed via trenching. The topsoil will be used to backfill the trench.	Construction	R-2828
29	Environmental Analysis Unit, Division 5, NCTA	404 Permit Condition 27	NCDOT will only complete construction activities on TIPs R-2721A and B under the Section 404 Permit dated October 24, 2019 and R-2828 dated February 3,2020. No work will commence for TIP R-2829 without further USACE coordination.	Construction	R-2721, R-2828, and R-2829
30	Division 5, NCTA	National Marine Fisheries Service Consultation (Page 3)	NCDOT will stop in-water construction activities if a sturgeon is spotted within 50 feet of operations. (See Attached NMFS Consultation)	Construction	R-2829
31	Division 5, NCTA	National Marine Fisheries Service Consultation (Page 3)	NCDOT will observe an in-water work moratorium of February 15-October 31. This includes installation/removal of causeways and temporary bridges. This will cover the WRC moratorium of February 15-September 30.	Construction	R-2829

Item	Responsible Party	Commitment Source	Project Commitment	Project Stage / Status	Applicable STIP Project
32	Division 5, NCTA	National Marine Fisheries Service Consultation (Page 4)	NCDOT will not blast within 50 feet of the Neuse River.	Construction	R-2829
33	Division 5, NCTA	National Marine Fisheries Service Consultation (Page 4)	NCDOT will adhere to shoreline stabilization Project Design Criteria (PDCs) when installing new bridges and piers.	Construction	R-2829
34	Division 5, NCTA	National Marine Fisheries Service Consultation (Attachment 1)	NCDOT will follow the PDCs outlined in Attachment 1 of the NMFS Consultation	Construction	R-2829

From: Williams, Andrew E CIV USARMY CESAW (USA)

To: Riffey, Deanna

Cc: Williams, Andrew E CIV USARMY CESAW (USA); Matthews, Monte K CIV USARMY CESAW (USA)

Subject: [External] R-2721A modification request Date: Thursday, March 3, 2022 9:44:20 AM

Attachments: Site 30 for R-2721A Permit Modification 10252021.pdf

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to Report Spam.

Deanna,

Reference the Department of the Army permit issued to the North Carolina Department of Transportation (NCDOT) on October 24, 2019, and subsequently modified on February 4, 2020, April 29, 2020, January 7, 2021, March 19, 2021 and April 20, 2021. This permit authorized the discharge of fill material into waters of the United States for construction of the Triangle Expressway Southeast Extension (Complete 540) from NC 55 Bypass in Apex to US 64/264 (I-87) in Knightdale, Wake and Johnston Counties. Sections included within this permit are R-2721, R-2828, and R-2829. Currently, only STIPs R-2721A&B and R-2828 are authorized for construction; STIP R-2829 has not yet been through final design, has not completely minimized impacts to waters and wetlands, nor has a final compensatory mitigation plan been submitted/approved. Also, please reference your October 25, 2021 letter, requesting modification of the permit due grade changes and impact evaluation error. Specifically, 0.06 acre of wetland that was previously designated for mechanized land clearing, would now be permanently filled at Permit Site 30. Based on a review of the administrative record for this project and your letter, this 0.06 acre of wetland was originally permitted for fill and NCDOT provided compensatory mitigation for those impacts. The October 24, 2019 permit for this project, authorized 1.42 acre of wetland fill and 0.04 acre of mechanized land clearing at Site 30. The plans submitted with your October 25, 2021 request indicate the total amount of wetland impacts at Site 30 are 1.38 acre of wetland fill and 0.05 acre of mechanized land clearing.

Special Conditions 1 and 2 of your permit require notification and USACE approval for any modification of the permitted plans. Your October 25, 2021 letter (including the updated and attached plans) meets the requirements for notification and this response is our approval of the minor modification request. The enclosed revised Permit Drawings, Sheets 68 of 119, labeled "Permit Drawing Sheet Last Revised on 09/15/2021 and will be added to the administrative record to reflect this minor change. The modified design for R-2721A will have no additional permanent impacts, so additional compensatory mitigation will not be required.

Note: The drawings listed above are now part of the permit drawing packages referenced in Special Condition 1 of the permit. All conditions of the permit, including the permit expiration date of December 31, 2024, remain applicable. Should you have any questions, please contact me.

Andrew Williams
Regulatory Project Manager
Regulatory Division Office
US Army Corps of Engineers, Wilmington District

3331 Heritage Trade Drive, Suite 105 Wake Forest, North Carolina 27587 Office Tel: (919) 554-4884, x26

The Wilmington District is committed to providing the highest level of support to the public. To help us ensure we continue to do so, please complete the Customer Satisfaction Survey located at our website at https://regulatory.ops.usace.army.mil/customer-service-survey/ to complete the survey online.

ROY COOPER Governor ELIZABETH S. BISER Secretary S. DANIEL SMITH Director



November 1, 2021

Mr. Philip S. Harris, III, P.E., CPM Natural Environment Section Head Project Development and Environmental Analysis North Carolina Department of Transportation 1598 Mail Service Center Raleigh, North Carolina, 27699-1598

Subject: MODIFICATION of 401 Water Quality Certification Pursuant to Section 401 of the Federal Clean Water

Act, NEUSE BUFFER RULES, and ISOLATED WETLANDS PERMIT Pursuant to IWGP100000 with ADDITIONAL CONDITIONS for Proposed construction of the Triangle Expressway Southeast Extension (NC 540) in Wake & Johnston Counties, Federal Aid Project No. STP-0540(19-21), State

Project No. 37673.1.TA2, TIP Nos, R-2721, R-2828, & R-2829.

NCDWR Project No. 20181249 version 8

Dear Mr. Harris:

Attached hereto is a copy of the Modification to Certification No. 4179 issued to The North Carolina Department of Transportation (NCDOT) originally dated February 15, 2019, modified January 30, 2020, April 23, 2020, June 1, 2020, December 29, 2020, March 9, 2021, April 8, 2021 and November 1, 2021.

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

Sincerely,

Omy Chapman 9C9886312DCD474...

S. Daniel Smith, Director Division of Water Resources

Attachments

Electronic copy only distribution:

Andy Williams, US Army Corps of Engineers, Raleigh Field Office Heather Montague, Division 5 Environmental Officer Deanna Riffey, NC Department of Transportation File Copy



MODIFICATION of 401 Water Quality Certification Pursuant to Section 401 of the Federal Clean Water Act, NEUSE BUFFER RULES, and ISOLATED WETLANDS PERMIT Pursuant to IWGP100000 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 and 15A NCAC 2B.0233 and ISOLATED WETLANDS PERMIT Pursuant to IWGP100000. This certification version authorizes the NCDOT to impact 55.34 acres of wetlands, 40133 linear feet of jurisdictional streams and 43193050 square feet of protected riparian buffers in Wake & Johnston Counties. The project shall be constructed pursuant to the permit modification request received October 27, 2021. The revised authorized impacts are as described below:

R-2721A Site 30 Revised Wetland Impacts

Site 30 Permanent Fill (ac)		Excavation (ac)	Mechanized Clearing (ac)	
Previously Permitted 4/23/2020	1.32	0	0.12	
Revised Now 11/1/2021	1.38	0	0.05	
+/- Change	+ 0.06	0	- 0.07	

The application provides adequate assurance that the discharge of fill material into the waters of the Cape Fear and Neuse River Basins 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 modification dated March 1, 2021. 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). Additional buffer impacts may require compensatory mitigation as described in 15A NCAC 2B.0714. 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.

Conditions of Certification:

1. All conditions in the 401 Water Quality Certifications for this project, originally dated February 15, 2019, and all modifications afterwards, still apply.



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 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 1st Day of November 2021

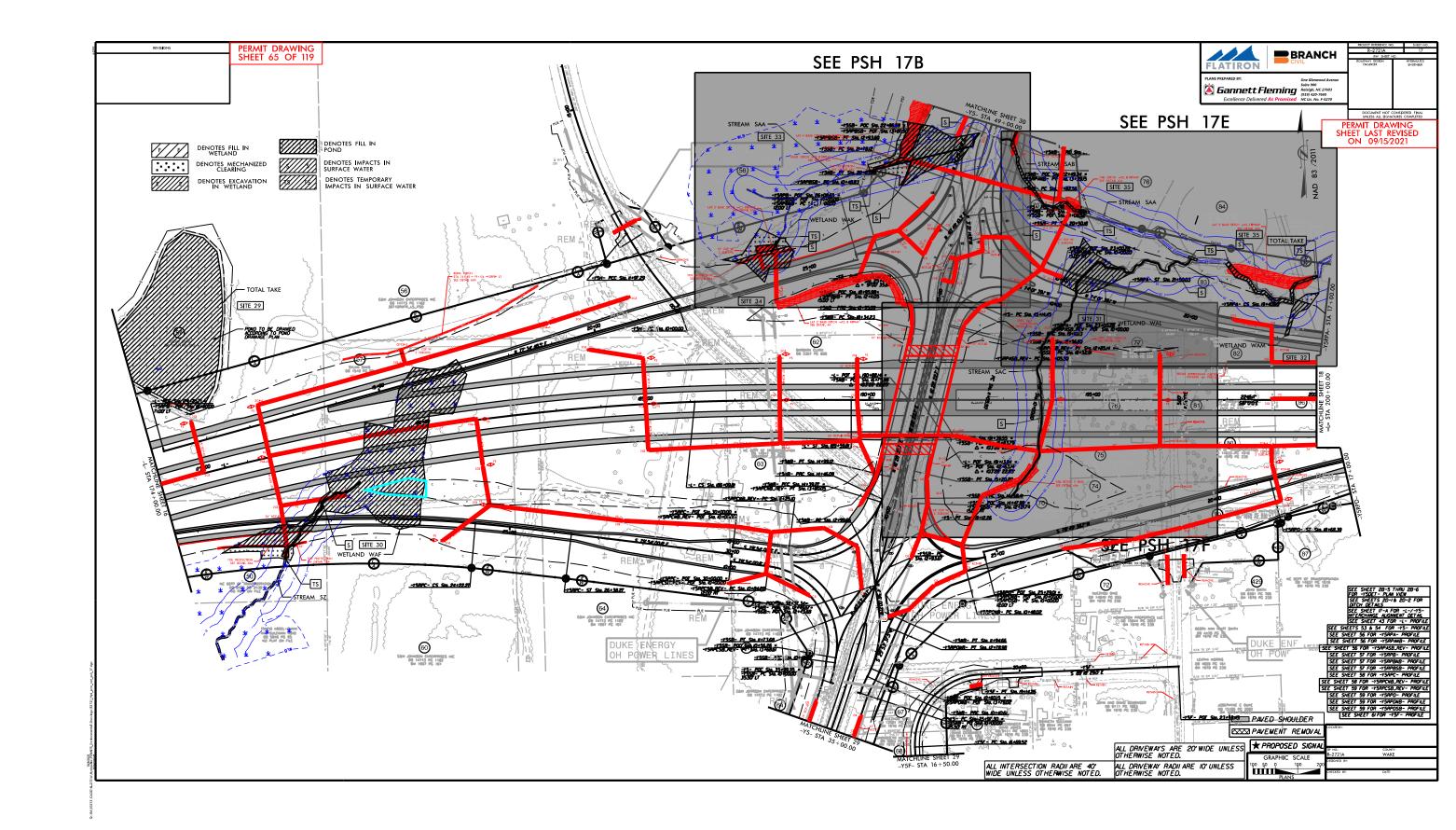
DIVISION OF WATER RESOURCES

Docusigned by:
Omy Chapman
9C9886312DCD474...

S. Daniel Smith, Director

WOC No. 4179





			WETLAND IMPACTS						SURFACE WATER IMPACTS			
			Permanent	Temp.	Excavation	Mechanized	Hand Clearing	Permanent	Temp.	Existing Channel	Existing Channel	Natural
Site	Station	Structure	Fill In	Excavation	in	Clearing	in	SW	SW	Impacts	Impacts	Stream
No.	(From/To)	Size / Type	Wetlands	In Wetlands	Wetlands	in Wetlands	Wetlands	impacts	impacts	Permanent	Temp.	Design
			(ac)	(ac)	(ac)	(ac)	(ac)	(ac)	(ac)	(ft)	(ft)	(ft)
18a	125+31 to 125+85-L-	ROADWAY FILL						< 0.01		91		
19	140+59 to 142+46 -L-	1@6'x8' RCBC	0.02		0.05	0.09		0.04	< 0.01	331	93	
		STABILIZATION						0.01		121		
20	146+70 to 147+85-L-	1@6'x8' RCBC	0.10		0.02	0.08		0.01	< 0.01	249	76	
		STABILIZATION						< 0.01		92		
21	146+88 to 147+06-L-LT	ROADWAY FILL			< 0.01	0.02						
22	148+36 to 149+02-L-RT	30" RCP						< 0.01	< 0.01	70	15	
23	148+41 to 149+02-L-RT	ROADWAY FILL				0.01						
24	149+09 to 155+85-L-	ROADWAY FILL	1.25		0.05	0.08						
25	162+84 to 164+50-L-RT	POND						0.40				
26	165+94 to 168+54 -L-	ROADWAY FILL	1.25			0.09						
		STABILIZATION				0.06						
27	168+51 to 169+40-L-	2@9'x8' RCBC				< 0.01		0.05	< 0.01	311	39	
		STABILIZATION						0.02		120		
28	172+97 to 173+41-L-RT	ROADWAY FILL				< 0.01						
29	173+60 to 176+39-L-LT	POND						1.53				
30	174+63 to 181+12-L-	ROADWAY FILL	1.38			0.05		0.01	< 0.01	257	4	
31	193+15 to 197+24-L-	ROADWAY FILL	0.20					0.04		871		
32	199+29 to 199+93-L-LT	ROADWAY FILL	0.03			0.01						
33	47+12 to 48+74 -Y5-LT(SAA)	66" RCP	0.25		0.05	0.08		< 0.01	< 0.01	251	18	
34	23+30 to 24+76-Y5RPB-LT	24" RCP	0.11		0.01	0.07		< 0.01	< 0.01	28	10	
35	47+58 to 49+64-Y5-RT(SAA,SAB)	ROADWAY FILL						0.04	< 0.01	332	24	
		STABILIZATION						< 0.01		34		
35 1	97+97 to 200+02-L-LT(SAA)	ROADWAY FILL						0.04	< 0.01	260	40	
TOTALS	*-		4.58		0.18	0.65		2.22	0.03	3418	319	0

*Rounded totals are sum of actual impacts

NOTES:

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
9/15/2021
WAKE COUNTY
R-2721
6.401078
SHEET 116 OF 119