



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

March 15, 2019

US Army Corps of Engineers
2407 West 5th Street
Washington, North Carolina 27889-1000

Attention: Mr. Kyle Barnes
NCDOT Coordinator

Dear Sir:

Subject: Revised Application for Section 404 Individual Permit and Section 401 Water Quality Certification for US 158 improvements from I-95/NC 46 in Roanoke Rapids to SR 1312 (St. John Church Road) in Northampton County. TIP R-2582A. WBS 34472.1.4.

As you are aware, the North Carolina Department of Transportation (NCDOT) proposes to widen US 158 in Northampton County. NCDOT applied for permit authorization under the Clean Water Act in an application dated February 21, 2019. Further coordination with your office has identified that revisions are needed to quantify the wetland impacts at Site 6. This letter is provided to specifically indicate those changes, and appropriate revisions on pp. 2, 3, and 6 of the permit application cover letter. A revised Wetland Impact Summary Sheet is also attached.

Wetland Site 6 includes a 0.465 acre wetland area inside the interchange loop that is not filled, excavated or cleared mechanically. However, the impacts to the total site are such that this area will likely also cease to function as a wetland and therefore considered as a total take. Table 2 (from p. 3 of the application) is revised to include this area under Permanent Impacts.

Table 1. R-2582A Wetland Impacts

Permit Drawing Site Number	2006 NRTR Label	Type	Permanent Impacts (ac.)	Temporary Impacts (ac.)	Mitigation Required*
1	WA01	Riparian	0.38	0	Yes
2	WA03	Non-riparian	0.004	0	Yes
2	WA04 & WA06	Riparian	0.07	0	Yes
3	WA08 & WA09	Non-riparian	0.21	0	No ¹
4	WA07	Riparian	2.38	0	Yes
5	WB01, WB02 & WB03	Non-riparian	3.58	0	Yes

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
ENVIRONMENT ANALYSIS UNIT
1598 MAIL SERVICE CENTER
RALEIGH NC 27699-1598

Telephone: (919) 707-6000
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Customer Service: 1-877-368-4968
Website: www.ncdot.gov

Location:
1000 BIRCH RIDGE DRIVE
RALEIGH NC 27610

Permit Drawing Site Number	2006 NRTR Label	Type	Permanent Impacts (ac.)	Temporary Impacts (ac.)	Mitigation Required*
6	WB04	Riparian	3.57 ²	0	Yes
7	WB06	Riparian	1.35	0	Yes
8	WB08 & WB09	Riparian	0.28	0	Yes
9	WB11	Non-riparian	0.83	0	Yes
10	WB12	Non-riparian	0.0005	0	Yes
11	WB13	Non-riparian	0.01	0	Yes
Total:			12.66³	0	

Note: ¹ WA08 and WA09 are isolated wetlands-old gravel pits (2006 NRTR p. 45)

² Site 6 includes 0.465 acre of impact inside the interchange loop.

³ Riparian 8.03 ac., Non-riparian 4.63 ac.

Summary of Impacts (from p. 2 of the application)

Proposed permanent impacts to jurisdictional areas are adjusted to total 12.66 acres of permanent wetland impacts, 2,426 linear feet of permanent stream impacts, and 0.43 acre of permanent surface water impacts.

Summary of Mitigation (from p. 6 of the application)

Per the US Army Corps of Engineers, the additional impacts inside the loop at Site 6 will not require mitigation. Consequently, the project impacts 4.63 acres of non-riparian wetlands and 7.56 acres of riparian wetlands that will require mitigation as indicated on p. 6 of the application cover letter. The stream impacts include 810 feet of perennial stream that will require mitigation.

Thank you for your assistance with this project. If you have any questions or need additional information, please contact Gordon Cashin at gcashin@ncdot.gov or (919) 707-6107.

Sincerely,



for
Philip S. Harris III, P.E., C.P.M.
Environmental Analysis Unit Head

cc:

NCDOT Permit Application Standard Distribution List

WETLAND AND SURFACE WATER IMPACTS SUMMARY

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	-L- 34+78 to 42+09	36" RCP-III / Roadway Fill	0.38					0.01	< 0.01	101	10	
2	-L- 81+96 to 85+94	Triple 9 X 9 RCBC / Roadway Fill	0.03		0.01	0.03		0.14	0.01	226	35	
3	-L- 92+72 to 96+17	Roadway Fill	0.17		< 0.01	0.04						
4	-L- 138+79 to 144+44	42" RCP-III / Roadway Fill	2.10			0.28		0.01	< 0.01	252	21	
5	-L- 186+64 to 194+68	Roadway Fill	3.33			0.25						
6	-L- 201+68 to 205+06	Double 48" RCP-III / Roadway Fill	3.37		0.08	0.12		0.09	< 0.01	826	9	
7	-L- 248+36 to 251+62	84" RCP-IV / Roadway Fill	1.26		0.02	0.07		0.04	< 0.01	480	63	
8	-L- 282+72 to 287+92	Triple 8 X 7 RCBC / Roadway Fill	0.18			0.10		0.11	< 0.01	332	29	
9	-L- 381+38 to 390+97	Roadway Fill	0.64			0.19						
10	-L- 409+20 to 409+39	Roadway Fill				< 0.01						
11	-L- 420+24 to 421+45	Roadway Fill			< 0.01	< 0.01						
12	-L- 150+32 to 151+20	42" RCP-III / Roadway Fill						0.02	< 0.01	209	20	
TOTALS*:			11.45		0.11	1.09		0.43	0.03	2426	187	0

*Rounded totals are sum of actual impacts

NOTES:

Site 6 includes 0.465 acres of fill impact due to the total take of wetland within the proposed roadway loop.

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 REVISED 03/13/2019
 NORTHAMPTON COUNTY
 R-2582A
 34472.1.4