



PAT McCRORY  
*Governor*

NICHOLAS J. TENNYSON  
*Secretary*

March 15, 2016

US Army Corps of Engineers  
Regulatory Field Office  
2407 West 5<sup>th</sup> Street  
Washington, NC 27889

Attention: Thomas Steffens  
NCDOT Coordinator

Dear Sir:

**Subject: Revised Application for Section 404 Individual Permit, Section 401 Water Quality Certification, and Neuse Riparian Buffer Authorization** for the construction of the Greenville Southwest Bypass from south of Old NC 11 to US 264 in Pitt County. TIP No. R-2250

Reference: Section 404/401 Permit Application submitted February 25, 2016

As you are aware, the North Carolina Department of Transportation (NCDOT) proposes to construct a 12.3 mile controlled-access freeway facility on new alignment from south of Old NC 11 to US 264 (Stantonsburg Road) in Pitt County. NCDOT submitted a permit application for this project on February 25, 2016. Since that time, the potential impacts for the project due to borrow pit construction have been clarified. The purpose of this letter is to revise our permit application requests to include these borrow pit activities.

As currently proposed, there are no permanent impacts to jurisdictional resources due to borrow activities. Skaggs drainage analyses were used to ensure no impacts to the jurisdictional resources adjacent to the borrow sites.

There are 6 borrow sites: Jones, Steiner, Edwards, Murphy, Dail, and Moye. Only the Moye site is anticipated to have any impacts to jurisdictional resources. This site has an existing crossing of an intermittent channel. At this crossing, the existing 21-foot pipe will be extended to 40 ft. Widening this crossing will involve impacts to 1,440 sq. ft. in Zone 1 riparian buffers and 760 sq. ft. in Zone 2. This temporary stream crossing extension will be removed following the borrow activities and replanted. The original crossing will be left in place.

Proposed permanent impacts to jurisdictional areas total 0.33 acre of permanent wetland impacts and 2,204 linear feet of permanent stream impacts, and these numbers remain unchanged. Enclosed you will find a revised Wetland Impact Summary sheet that includes 19 ft of temporary channel impacts at the Moye property and a revised Buffer Impact Summary sheet listing the allowable buffer impacts at the this site.



NCDOT requests that this information regarding the borrow site activities be incorporated into review of our existing application for Section 404, Section 401 and Riparian Buffer authorizations. A copy of this revised permit request and its distribution list will be posted on the NCDOT website at: <https://connect.ncdot.gov/resources/Environmental>

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

Sincerely,



for Roger Rochelle, P.E.  
Technical Services Administrator

cc:  
NCDOT Permit Application Standard Distribution List

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	23+91 - 39+93 -FLYBY7-	ROADWAY FILL						0.14	< 0.01	1,532	92	
2	26+00 - 28+50 -Y7RPC-	UTILITY RELOCATION							0.01		50	
3	99+52 - 101+50 -L-	72" RCP-III						0.03	0.01	246	117	
5	67+77 - 69+66 -Y9-	54" RCP-III						0.03	< 0.01			
6	247+99 - 252+06 -L-	54" RCP-IV						0.08	0.02			
7	436+30 - 437+83 -L-	10' x 7' RCBC						0.05	0.06	233	244	
8	638+38 - 639+86 -L-	ROADWAY FILL	0.33									
9	39+16 - 41+02 -FLYBY7-	60" PIPE EXTENSION						0.02	< 0.01	132	38	
10	54+55 - 55+79 -Y8-	96" CSP EXTENSION						< 0.01	< 0.01			
11	5+78 - 7+11 -Y18-	9' x 7' RCBC						0.01	0.01	61	59	
	MOYE PROPERTY*	TEMPORARY CROSSING									19	
TOTALS*:			0.33					0.37	0.14	2,204	619	0

\*Rounded totals are sum of actual impacts

NOTES:

SITE 1 PROPOSED STREAM RELOCATION: 1,914 FT.

SITE 4 HAS BEEN ELIMINATED

\*BORROW SITE LOCATION

NC DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 REVISED 3/9/2016  
 PITT COUNTY  
 R-2250  
 34411.1.2  
 SHEET 30 OF 30

## BUFFER IMPACTS SUMMARY

SITE NO.	STRUCTURE SIZE / TYPE	STATION (FROM/TO)	IMPACT									BUFFER REPLACEMENT		
			TYPE			ALLOWABLE			MITIGABLE			ZONE 1 (ft <sup>2</sup> )	ZONE 2 (ft <sup>2</sup> )	
			ROAD CROSSING	BRIDGE	PARALLEL IMPACT	ZONE 1 (ft <sup>2</sup> )	ZONE 2 (ft <sup>2</sup> )	TOTAL (ft <sup>2</sup> )	ZONE 1 (ft <sup>2</sup> )	ZONE 2 (ft <sup>2</sup> )	TOTAL (ft <sup>2</sup> )			
1	ROADWAY FILL	23+91 - 39+93 -FLYBY7-	X							89,889	60,675	150,564		
2	UTILITY RELOCATION	26+00 - 28+50 -Y7RPC-			X		806	806		7,825		7,825		
3	72" RCP-III	99+52 - 101+50 -L-	X							17,579	12,145	29,724		
5	54" RCP-III	67+77 - 69+66-Y9-	X							8,453	5,414	13,867		
7	10' x 7' RCBC	436+30 - 437+83 -L-	X			6,557	4,476	11,033		15,578	10,057	25,635		
9	60' PIPE EXTENSION	39+16 - 41+02 -FLYBY7-	X							12,010	5,172	17,182		
10	96" CSP EXTENSION	54+55 - 55+79 -Y8-	X							4,619	3,095	7,714		
11	9' x 7' RCBC	5+78 - 7+11 -Y18-	X							3,261	4,934	8,195		
	TEMPORARY CROSSING	MOYE PROPERTY*	X			1,440	760							
<b>TOTAL:</b>						7,997	6,042	11,839		159,214	101,492	260,706		

NOTES:  
 SITE 1 PROPOSED STREAM RELOCATION:  
 BUFFER ZONE 1: 1.29 AC  
 BUFFER ZONE 2: 0.87 AC  
 \*BORROW SITE LOCATION

N.C. DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

PITT COUNTY  
 PROJECT: 34411.1.2 (R-2250)  
 REVISED 3/9/2016  
 SHEET 13 OF 13