



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT L. MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

December 12, 2014

Wilmington Regulatory Field Office
US Army Corps of Engineers
69 Darlington Avenue
Wilmington, North Carolina 28403

N.C. Dept. of Environment and Natural
Resources
Division of Coastal Management
400 Commerce Avenue
Morehead City, NC 28557

ATTN: Mr. Brad Shaver
NCDOT Coordinator

ATTN: Mr. Stephen Lane
NCDOT Coordinator

Dear Sirs:

Subject: **Permit Modification Request for the Section 404 Nationwide Permit 23, Section 401 Water Quality Certification, and CAMA Major Development Permit** for the proposed replacement of Bridge No. 4 over Island Creek on SR 1002 in New Hanover & Pender Cos. TIP No. B-4591; Federal Aid Project No. BRZ-1002(23); Debit \$240 (NCDWR) and \$100 (NCDCM) from WBS No. 38421.1.1

Reference: Section 404 NW 23 No. SAW- 2008-03258, issued October 7, 2013
Section 401 General Certification No. 13-0987, issued October 8, 2013
CAMA Major Development Permit No. 117-3, issued October 29, 2013

Please see the enclosed revised permit drawings, impact summary sheet, and revised EEP acceptance letter for the above referenced project. After a field compliance meeting it was determined the replacement pipes at Jumping Run Creek (18+39 -L-) were 16 feet longer than the existing pipes. Therefore, mitigation is being provided by EEP to offset this difference. Additionally, rip rap is being added to stabilize the fill slopes around the outlet end of these pipes and along the southwest side, where the stream runs parallel to the roadway. No additional impacts will result from the additional slope protection.

Regulatory Approvals

Section 404 Permit: We are hereby requesting modification to the NW 23 issued October 7, 2013 for the activities described above.

Section 401 Permit: We are hereby requesting modification to the 401 General Certification issued October 8, 2013 for the activities described above.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS
1548 MAIL SERVICE CENTER
RALEIGH NC 27699-1548

TELEPHONE: 919-707-6000
FAX: 919-250-4224

WEBSITE: WWW.NCDOT.GOV/DOH/PRECONSTRUCT/PE/

LOCATION:
CENTURY CENTER, BUILDING A
1000 BIRCH RIDGE DRIVE
RALEIGH NC 27610

CAMA Major Permit: We are hereby requesting modification to the CAMA Major Development Permit issued October 29, 2013 for the activities described above.

A copy of this permit modification application and its distribution list will be posted at the NCDOT Website at <https://connect.ncdot.gov/resources/Environmental>. If you have any questions or need additional information, please contact Tyler Stanton at tstanton@ncdot.gov or (919) 707-6156.

Sincerely,

for 

Richard W. Hancock, P.E., Manager
Project Development and Environmental Analysis Unit

cc: NCDOT Permit Application Standard Distribution List



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Michael Ellison, Director
Ecosystem Enhancement Program

John E. Skvarla, III
Secretary

December 9, 2014

Mr. Richard W. Hancock, P.E.
Manager, Project Development and Environmental Analysis Unit
North Carolina Department of Transportation
1548 Mail Service Center
Raleigh, North Carolina 27699-1548

Dear Mr. Hancock:

Subject: EEP Mitigation Acceptance Letter:

B-4591, Replace Bridge Number 4 over Island Creek on SR 1002, New Hanover and Brunswick Counties

References: USACE 404 Nationwide Permits 12 and 23 issued October 7, 2013 (USACE Action ID 2008-03258)

NCDCM Major Development in an AEC Permit issued October 29, 2013 (NCDCM Permit Number 117-13)

The purpose of this letter is to notify you that the Ecosystem Enhancement Program (EEP) will provide the stream mitigation for the subject project. Based on the information supplied by you on December 9, 2014, the additional impacts are located in CU 03030007 of the Cape Fear River Basin in the Southern Outer Coastal Plain (SOCP) Eco-Region, and are as follows:

Table 1 – Additional Impacts

Cape Fear 03030007 SOCP	Stream			Wetlands			Buffer (Sq. Ft.)	
	Cold	Cool	Warm	Riparian	Non-Riparian	Coastal Marsh	Zone 1 (3:1)	Zone 2 (1.5:1)
Impacts (feet/acres)	0	0	16.0	0	0	0	0	0

EEP has previously received the USACE 404 Nationwide permits and NCDCM Permit for Major Development in an AEC for this project and debits for all required wetland mitigation from those authorizations are complete.

Table 2 – Total Revised Impacts for TIP B-4591 (Cape Fear 03030007)

Impact Type	Permitted Impacts (feet / acre)	Mitigation Required under Original Permit (Credits)	Additional Impact (for approval)	Revised Total Impacts
Stream	0.0	0.0	16.0	16.0
Riparian Wetland	0.51	1.02	0	0.51

Mr. Hancock
TIP B-4591 Additional
December 9, 2014
Page Two

This mitigation acceptance letter replaces the mitigation acceptance letter issued on July 30, 2013. This impact and associated mitigation need were not projected by the NCDOT in the 2014 impact data. EEP will commit to implement sufficient compensatory stream mitigation credits to offset the additional impacts associated with this project as determined by the regulatory agencies using the delivery timeline listed in Section F.3.c.iii of the N.C. Department of Environment and Natural Resources' Ecosystem Enhancement Program In-Lieu Fee Instrument dated July 28, 2010. If the above referenced impact amounts are revised, then this mitigation acceptance letter will no longer be valid and a new mitigation acceptance letter will be required from EEP.

If you have any questions or need additional information, please contact Ms. Beth Harmon at 919-707-8420.

Sincerely,



James B. Stanfill
EEP Asset Management Manager

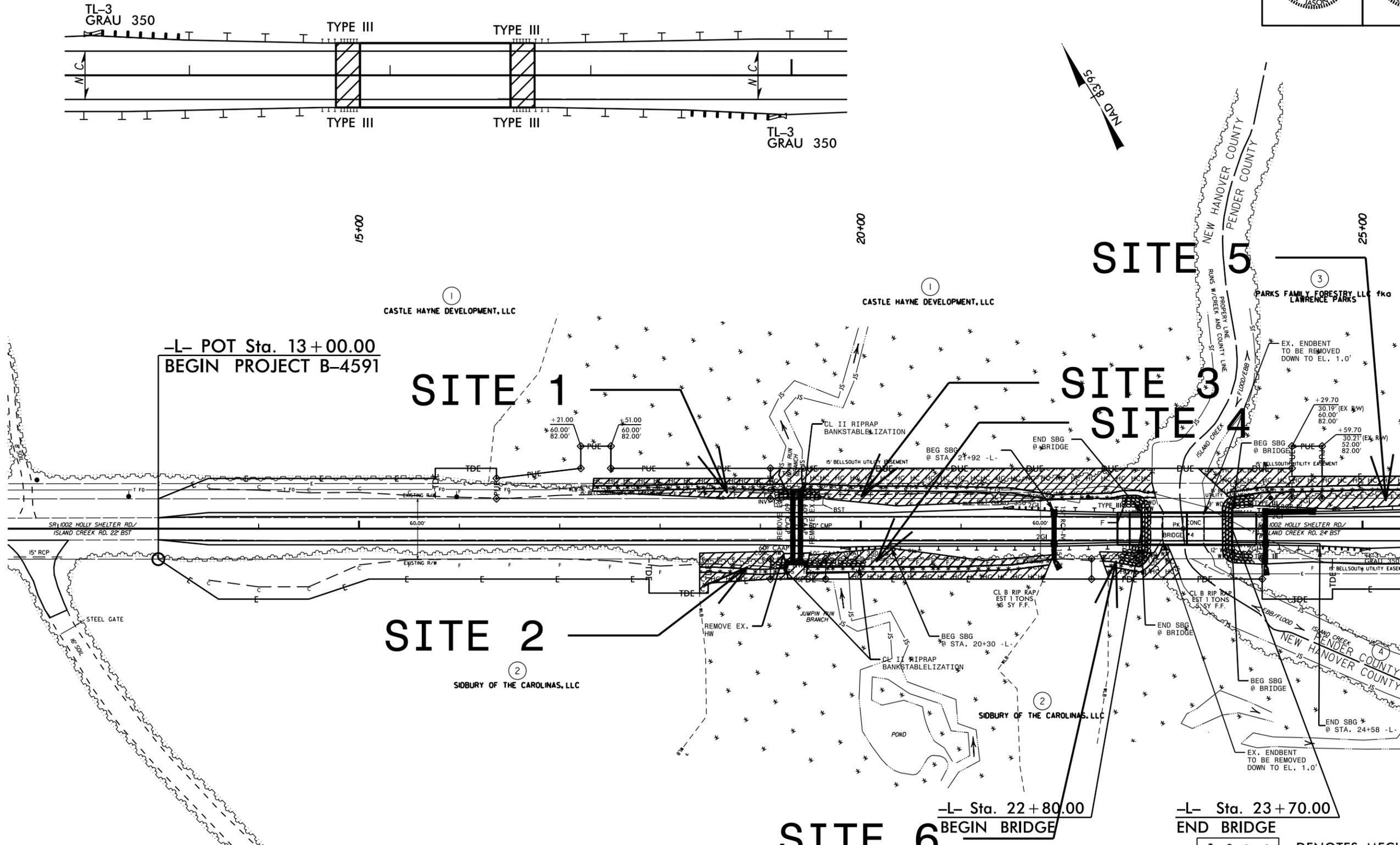
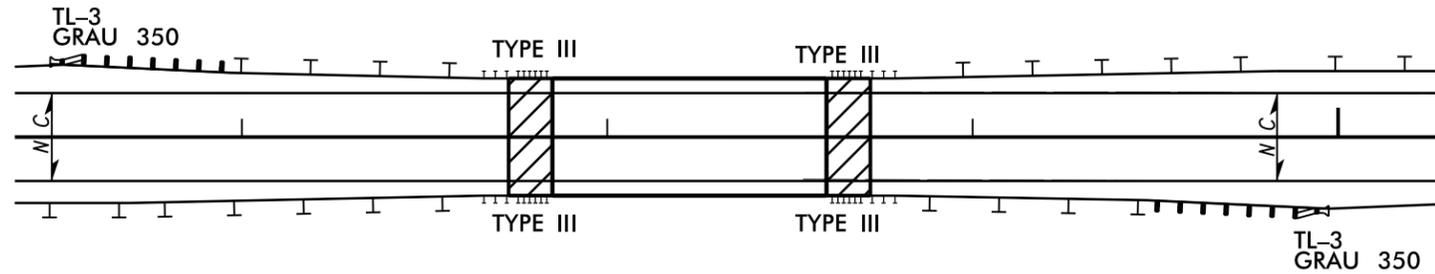
Cc: Mr. Brad Shaver, USACE – Wilmington Regulatory Field Office
Ms. Amy Chapman, NC Division of Water Resources
Mr. Steve Sollod, NC Division of Coastal Management
File: B-4591 Additional

8/17/99

REVISIONS

PERMIT DRAWINGS
SHEET 2 OF 9
Rev. 12/8/2014

PROJECT REFERENCE NO. B-4591	SHEET NO. 4
ROADWAY DESIGN ENGINEER SEAL 22007 ANDREW JASON MORGAN	HYDRAULICS ENGINEER SEAL 12575 PAUL F. HUBER



-L- POT Sta. 13+00.00
BEGIN PROJECT B-4591

-L- Sta. 22+80.00
BEGIN BRIDGE

-L- Sta. 23+70.00
END BRIDGE

-L- STA. 25+40.00
MATCHLINE SEE SHEET 5

DENOTES IMPACTS ON SURFACE WATER



DENOTES HAND CLEARING

DENOTES MECHANIZED CLEARING

DENOTES FILL IN WETLAND

SYTIME
DESIGN

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	17+33 -L- (LT) 19+29 -L- (LT)		0.03	0.010		0.02	0.03					
2	18+39 -L- (RT) 19+38 -L- (RT)		0.03			0.01	0.02	0.01		16	61	
3	19+41 -L- (LT) 22+84 -L- (LT)		0.06			0.04	0.16					
4	19+45 -L- (RT) 21+92 -L- (RT)		0.06			0.07						
5	19+41 -L- (LT)		0.12			0.05	0.13					
6	22+38 -L- (RT) 22+89 -L- (RT)	FILL/BRIDGE	0.01			0.01	0.02					
TOTALS:			0.31	0.010		0.20	0.36	0.01		16	61	

PERMIT DRAWINGS

SHEET 9 OF 9

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

 NEW HANOVER/PENDER COUNTIES

 WBS - 38421.1.1 (B-4591)
 SHEET ev. 12/05/2014 6/11/2013