



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

May 7, 2010

NC Division of Water Quality
1650 Mail Service Center
Raleigh, NC 27699-1650

Attention: Rob Ridings
DOT Projects Coordinator

Dear Sir,

Subject: **Permit Modification Request for Section 401 Water Quality Certification** for the proposed replacement of Bridge No. 207 over Holly Swamp and Bridge Nos. 210 and 211 over Raft Swamp on SR 1527 in Robeson County. Federal Aid Project No. BRZ-1527(2), **TIP No. B-3693**. Debit \$240 from WBS 33233.1.1.

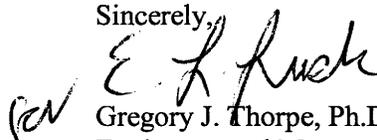
The North Carolina Department of Transportation (NCDOT), Division of Highways, recently submitted an application for a Section 401 Water Quality Certification for TIP No. B-3693 (dated December 18, 2009). The Section 401 Water Quality Certification (DWQ Project No. 091354) was issued by the NC Division of Water Quality (NCDWQ) on February 19, 2010.

Subsequently, the 0.21 acre of excavation in wetlands, reported as Site 4 on the Wetland Permit Impact Summary in the permit application, is part of the restoration area and we are not proposing mitigation. A revised acceptance letter from EEP is included with this request.

Additionally, an on-site mitigation plan was developed to mitigate for temporary impacts associated with the on-site detour, as required by the U.S. Army Corps of Engineers. The 0.65 acre wetland restoration area within NCDOT Right-of-Way will mitigate for 1.29 acres of temporary fill in wetlands at a 0.5:1 ratio. Please find enclosed the revised wetland impact summary sheet. A copy of the wetland restoration plan was sent to NCDWQ with a letter dated April 7, 2010. Additional copies are available upon request.

Thank you for your time and assistance with this project. Please contact Veronica Barnes at vabarnes@ncdot.gov or (919) 431-6758 if you have any questions or need additional information.

Sincerely,



Gregory J. Thorpe, Ph.D.
Environmental Management Director, PDEA

W/attachment
Mr. Brian Wrenn, NCDWQ (4 Copies)

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS
1598 MAIL SERVICE CENTER
RALEIGH NC 27699-1598

TELEPHONE: 919-431-2000
FAX: 919-431-2002
WEBSITE: WWW.NCDOT.ORG

LOCATION:
4701 ATLANTIC AVENUE
SUITE 116
RALEIGH NC 27604

W/o attachment (see website for attachments)

Dr. David Chang, P.E., Hydraulics
Mr. Greg Perfetti, P.E., Structure Design
Mr. Victor Barbour, P.E., Project Services Unit
Mr. Mark Staley, Roadside Environmental
Mr. Greg Burns, P.E, Division 6 Engineer
Mr. Jim Rerko, Division 6 Environmental Officer
Mr. Jay Bennett, P.E., Roadway Design
Mr. Majed Alghandour, P. E., Programming and TIP
Mr. Art McMillan, P.E., Highway Design
Mr. Scott McLendon, USACE, Wilmington
Mr. Travis Wilson, NCWRC
Mr. Gary Jordan, USFWS
Mr. Ahmad A Al-Sharawneh, PDEA
Ms. Beth Harmon, EEP
Mr. Phillip Ayscue, NCDOT External Audit Branch



April 1, 2010

Ms. Kimberly Garvey
U. S. Army Corps of Engineers
Wilmington Regulatory Field Office
69 Darlington Avenue
Wilmington, North Carolina 28402

Dear Ms. Garvey:

Subject: EEP Mitigation Acceptance Letter:

B-3693, Replace Bridge Numbers 207, 210 and 211 over Holly and Raft Swamps on SR 1527, Robeson County; Lumber River Basin (Cataloging Unit 03040203); Southern Inner Coastal Plain (SICP) Eco-Region

The purpose of this letter is to notify you that the Ecosystem Enhancement Program (EEP) will provide the compensatory riparian wetland mitigation for the unavoidable impact associated with the above referenced project. Based on the information supplied by the NCDOT on April 1, 2010, the impacts are located in CU 03040203 of the Lumber River Basin in the Southern Inner Coastal Plain (SICP) Eco-Region, and the anticipated mitigation credits needed to offset the impacts are as follows:

Lumber 03040203 SICP	Stream			Wetlands			Buffer (Sq. Ft.)	
	Cold	Cool	Warm	Riparian	Non-Riparian	Coastal Marsh	Zone 1	Zone 2
Impacts (feet/acres)	0	0	0	0.69	0	0	0	0
Mitigation Units (Credits-up to 2:1)	0	0	0	1.38	0	0	0	0

This mitigation acceptance letter replaces the mitigation acceptance letters issued on December 10 and 15, 2009. Mitigation associated with this project will be provided in accordance with Section X of Amendment No. 2 to the Memorandum of Agreement between the N. C. Department of Environment and Natural Resources, the N. C. Department of Transportation, and the U. S. Army Corps of Engineers fully executed on March 8, 2007 (Tri-Party MOA). EEP commits to implement sufficient compensatory riparian wetland mitigation in the appropriate cataloging unit in the amount listed in the above table to offset the impacts associated with this project by the end of the MOA year in which this project is permitted. 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 919-715-1929.

Sincerely,

William D. Gilmore, P.E.
EEP Director

cc: Mr. Gregory J. Thorpe, Ph.D., NCDOT-PDEA
Mr. Brian Wrenn, Division of Water Quality, Wetlands/401 Unit
File: B-3693 Revised-2

Restoring... Enhancing... Protecting Our State





April 1, 2010

Mr. Gregory J. Thorpe, Ph.D.
Manager, Project Development and Environmental Analysis Branch
North Carolina Department of Transportation
1548 Mail Service Center
Raleigh, North Carolina 27699-1548

Dear Dr. Thorpe:

Subject: EEP Mitigation Acceptance Letter:

B-3693, Replace Bridge Numbers 207, 210 and 211 over Holly and Raft Swamps on SR 1527, Robeson County

The purpose of this letter is to notify you that the Ecosystem Enhancement Program (EEP) will provide the compensatory riparian wetland mitigation for the subject project. Based on the information supplied by you on April 1, 2010, the impacts are located in CU 03040203 of the Lumber River Basin in the Southern Inner Coastal Plain (SICP) Eco-Region, and are as follows:

Lumber 03040203 SICP	Stream			Wetlands			Buffer (Sq. Ft.)	
	Cold	Cool	Warm	Riparian	Non-Riparian	Coastal Marsh	Zone 1	Zone 2
Impacts (feet/acres)	0	0	0	0.69	0	0	0	0
Mitigation Units (Credits-up to 2:1)	0	0	0	1.38	0	0	0	0

This mitigation acceptance letter replaces the mitigation acceptance letters issued on December 10 and 15, 2009. EEP commits to implementing sufficient compensatory riparian wetland mitigation credits to offset the impacts associated with this project by the end of the MOA Year in which this project is permitted, in accordance with Section X of the Amendment No. 2 to the Memorandum of Agreement between the North Carolina Department of Environment and Natural Resources, the North Carolina Department of Transportation, and the U. S. Army Corps of Engineers, fully executed on March 8, 2007. 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 919-715-1929.

Sincerely,

William D. Gilmore, P.E.
EEP Director

cc: Ms. Kimberly Garvey, USACE – Wilmington Regulatory Field Office
Mr. Brian Wrenn, Division of Water Quality, Wetlands/401 Unit
File: B-3693 Revised-2

Restoring... Enhancing... Protecting Our State



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	-L- 10+49 to 13+50 Rt.	Roadway Fill	0.02		0.01			0.02								
2	-L- 11+90 to 14+00 Lt.	Roadway & Detour Fill	0.05	0.10	0.01											
3	-L- 14+65 to 21+25 Rt.	Roadway Fill	0.39					0.07								
4	-L- 14+46 to 21+30 Lt.	Roadway Cut & Detour Fill		0.69	0.21*			0.04								
5	-L- 21+42 to 24+67 Rt.	Roadway Fill	0.12													
6	-L- 21+62 to 24+80 Lt.	Roadway & Detour Fill	0.06	0.31				0.01								
7	-L- 26+23 to 26+76 Rt.	Roadway Fill	0.02													
8	-DET- 26+95 to 29+18 Lt.	Detour Fill		0.19												
9	-L- 28+19 to 28+86 Rt.	Roadway Fill	0.01					0.01								
TOTALS:			0.67	1.29	0.02	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note: <0.01 ac of Permanent stream impacts due to bent installation
 <0.01 ac of Temporary stream impacts due to temporary bridge bents
 0.06 acres of Temporary Fill in Wetlands in the Hand Clearing areas for erosion control measures
 *0.21 acre of excavation in wetlands does not require mitigation - see mitigation plan

Revised 4/6/10
 Permit Drawing
 Sheet 4 of 20

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 ROBESON COUNTY
 PROJECT - 33233.1.1 (B-3693)