



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

March 10, 2006

Commander, Fifth Coast Guard District (obr)  
LANTAREA  
Bridge Administration  
Federal Building  
431 Crawford Street  
Portsmouth, VA 23704-5004

Attn: Mr. Waverly Gregory  
Chief, Bridge Administration

SUBJECT: Brunswick County, Construction of a Second Bridge to Oak Island,  
WBS Number 34407.1.1, State Project No. 8.1570601, Federal Aid Nos. STP-  
1105 (6), TIP R-2245, Division 3.

Dear Mr. Gregory:

Application is hereby made by the North Carolina Department of Transportation (NCDOT) for approval by the Commandant, U.S. Coast Guard, of the location and plans to construct a new roadway on new location in Brunswick County, known as the second bridge to Oak Island. The proposed project starts at SR 1104 (Beach Drive) on Oak Island and will continue to NC 211, west of Southport. The proposed project consists of constructing a four lane median divided facility on 150 feet (46 meters) of right-of-way with controlled access. The project includes replacement of the existing Bridge No. 206 over Davis Canal (Davis Creek) on Beach Drive and construction of a new bridge over the Atlantic Intracoastal Waterway. The project length is approximately 4.5 miles.

Pursuant to the project commitment included in the Final Environmental Impact Statement (FEIS), the vertical clearance of the new bridge over the Atlantic Intracoastal Waterway at mean high water level will be a minimum of 65 feet and the horizontal clearance will be a minimum of 90 feet. A minimum 140 feet navigation opening, without using a fender system for vessel impact, will be provided 70 feet from the channel centerline on each side. The proposed bridge will be designed and constructed so as to not interfere with the operation and maintenance of the navigation channel in the Atlantic Intracoastal Waterway. Channel centerline coordinates have been obtained from the USACE. The proposed bridge will be designed for vessel impact.

Navigational lighting will be provided. The NCDOT requested Advance Approval for the proposed replacement of Bridge No. 206 over Davis Canal (Creek) in a letter to the U.S. Coast Guard dated August 30, 2005. A copy of this request letter is enclosed with this permit application.

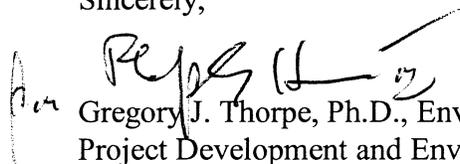
Legal authority for the bridges is found in the General Bridge Act of 1946. Federal funds will be utilized for this project. However, the U.S. Army Corps of Engineers must approve this project under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act. The N.C. Division of Water Quality must approve this project under Section 401 of the Clean Water Act. The NCDOT is preparing and will submit a Joint Permit Application for both State and Federal Permits.

The NCDOT is also required to obtain a permit from the N.C. Division of Coastal Management (NCDCM) for major development in areas of environmental concern (AECs). It is anticipated that a formal CZM consistency statement is not required from the NCDCM since their position on consistency will be part of the NCDCM's Coastal Area Management Act (CAMA) Major Development Permit. Copies of all appropriate federal and state permits will be forwarded to your office once they are obtained.

The NCDOT analyzed the potential environmental impacts of the project in an FEIS that was signed by the Federal Highway Administration (FHWA) on April 30, 2004 and Record of Decision that was signed on October 20, 2004. The FHWA has determined that this project will not have a significant effect on the human environment. The environmental impacts of the project are listed on pages 2-17 through 2-25 of the FEIS. The names and addresses of the adjacent property owners are included with this application. Also, please find enclosed four originals of the U.S. Coast Guard drawings for the project.

Please initiate review of the proposed project for authorization under an U.S. Coast Guard Permit. It is requested that any correspondence from your office regarding this project include the NCDOT TIP Number (R-2245). Should you have any questions regarding this information, please contact Mr. Brett Feulner at 919-715-1488.

Sincerely,



Gregory J. Thorpe, Ph.D., Environmental Management Director  
Project Development and Environmental Analysis Branch

- Encl.: (1) Four copies of a vicinity map and drawings of the bridge.  
(2) One copy of the Environmental Impact Statement and Record of Decision.  
(3) Addresses of the adjacent property owners.  
(4) One copy of the March 26, 2002 letter from the U.S. Coast Guard regarding the proposed vertical clearance of the bridge and responses from NCDOT.  
(5) One copy of the request dated August 30, 2005 for Advance Approval for the proposed replacement of Bridge No. 206 over Davis Canal (Creek)

cc list:

w/o attachment

Mr. John Hennessy, NCDWQ

Mr. Travis Wilson, NCWRC

Ms. Becky Fox, USEPA – Whittier, NC

Mr. Ronald Mikulak, USEPA – Atlanta, GA

Mr. Clarence W. Coleman, P.E., FHWA

Mr. Gary Jordan, USFWS

Mr. Ron Sechler, NMFS

Mr. Michael Street, NCDMF

Mr. Steve Sollod, NCDCM

Mr. Bill Arrington, NCDCM

Dr. David Chang, P.E., Hydraulics

Mr. Mark Staley, Roadside Environmental

Mr. Greg Perfetti, P.E., Structure Design

Mr. H. Allen Pope, P.E., Division 3 Engineer

Mr. Mason Herndon, Division 3 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. Joseph Qubain, P.E., PDEA

Mr. Carl Goode, PE, Human Environment Unit Head