



## ***PUBLIC NOTICE 5-1257***

All interested parties are notified that the Commander, Fifth Coast Guard District has received an application from North Carolina Department of Transportation (NCDOT), for approval of the location and plans for the replacement of a highway bridge across a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Cape Fear River, mile 117.8 on Route 1316 (Tar Heel Ferry Road) at Tar Heel, Bladen County, NC.

**CHARACTER OF WORK:** NCDOT proposes to replace the existing Tar Heel Ferry Bridge located on Route 1316 (Tar Heel Ferry Road). The existing fifty-six year old fixed, vehicular bridge is considered structurally deficient. The replacement bridge will have two 12-foot lanes with 4-foot offsets on each side. This bridge is located along a designated bicycle route. As a result, 4-foot offsets and a minimum handrail height of 42 inches will be included in the design.

### **MINIMUM NAVIGATIONAL CLEARANCES:**

#### **EXISTING**

Vertical clearance: 52 feet above mean high water (MHW).

Horizontal clearance: 282 feet between piles.

#### **PROPOSED**

Vertical clearance: 57 feet above MHW.

Horizontal clearance: 161.5 feet between piles.

**ENVIRONMENTAL CONSIDERATIONS:** On September 26, 2011 the Federal Highway Administration, as the lead federal agency, determined that the proposed project was a categorical exclusion (CE) for the purposes of the National Environmental Policy Act. The CE is available for review at the above address, Monday through Friday, 8 a.m. to 4 p.m. The bridge is located in the floodplain. Bladen County is a participant in the National Flood Insurance Program. There are no practical alternatives to crossing the floodplain area. Any shift in alignment will result in an impact area of about the same magnitude. The proposed project is not anticipated to increase the level or extent of upstream flood potential. The 100-year flood level is 63.1 feet above mean sea level, while elevation of the low steel of the bridge is 77.874 feet mean sea level.

**WATER QUALITY:** The North Carolina Division of Water Quality has issued the Section 401 Water Quality General Certification No. 120576, dated August 23, 2012, and has forwarded it to EPA. Bladen County is not one of North Carolina's 20 coastal counties subject to the Coastal Area Management Act (CAMA) rules; therefore no CAMA permit is required

**WETLANDS:** No jurisdictional wetland areas will be impacted by the proposed project.

**FISH AND WILDLIFE:** As of September 22, 2010, the U.S. Fish and Wildlife Service list six federally protected species for Bladen County. Biological Conclusions of "No Effect" have been deemed for all species. No federally protected species will be impacted by this project. The North Carolina Wildlife Resource Commission has designated this reach of the Cape Fear River as anadromous fish habitat; therefore an in-water work moratorium between February 15 and June 15 of any given year will be adhered to.

**HISTORIC PROPERTIES:** The North Carolina State Historic Preservation Office (HPO) has determined on March 12, 2008 that this bridge has been determined eligible for the National Register and removal will be considered an Adverse Effect. It has also been determined that removal of the existing structure will have an Adverse Affect to the historic property. A Memorandum of Agreement (MOA) will be prepared and implemented to document the resolution of adverse effect.

HPO requested a submerged archaeological survey be performed via letter dated February 1, 2008. An underwater survey was performed and concluded that there would not be an effect on any archaeological resources. HPO concurred that the project will not involve significant archaeological resources.

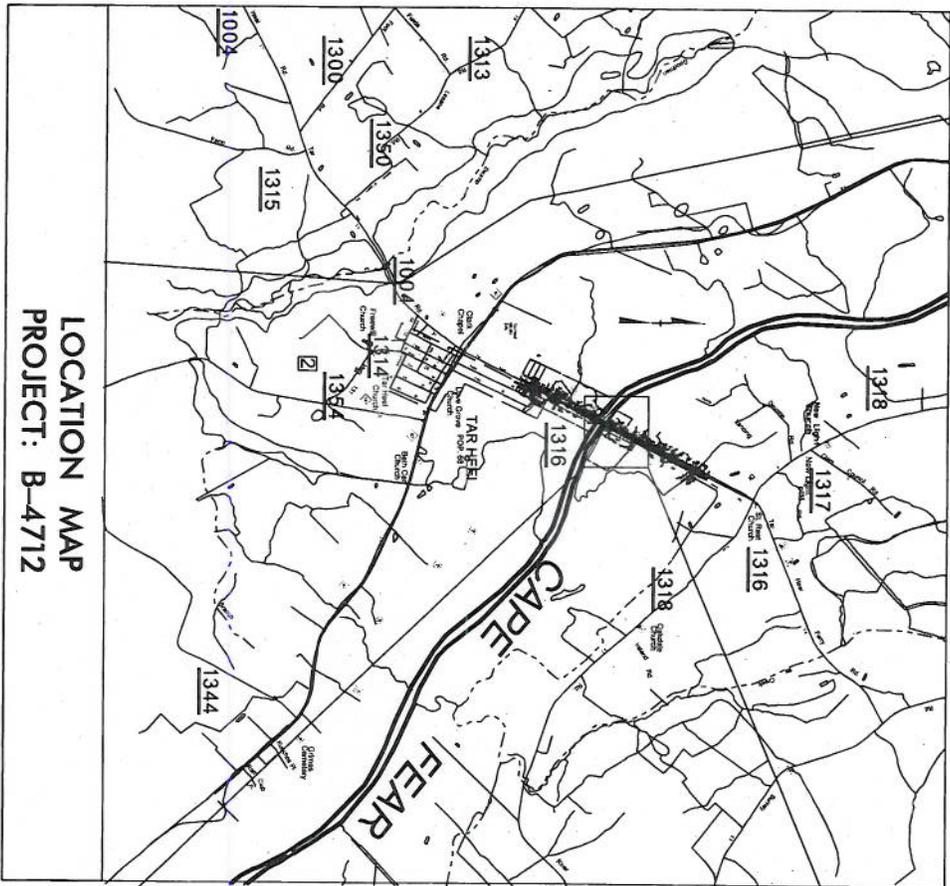
**ENVIRONMENTAL JUSTICE:** Based upon environmental documentation submitted for this project, it appears that the proposed bridge project will have no adverse environmental justice impacts upon minority and low income population. Information and data contrary to this no-adverse impact position should be submitted in response to this notice.

**SOLICITATION OF COMMENTS:** Interested parties are requested to express their views, in writing, on the replacement of the bridge giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed project. Comments will be received for the record at the office of the Commander (dpb), Fifth Coast Guard District Federal Building, 431 Crawford Street, Portsmouth, VA 23704-5004 through FEB 15 2013.

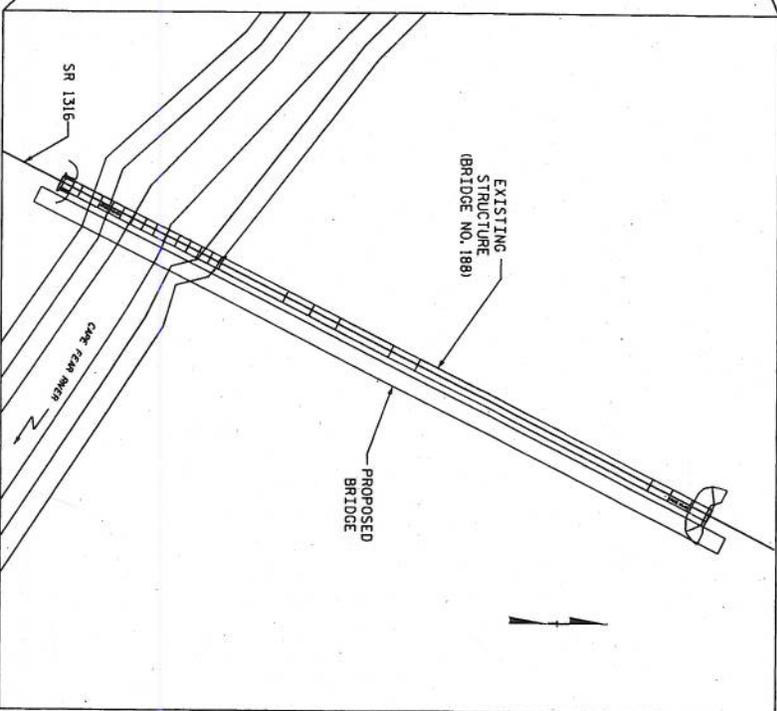
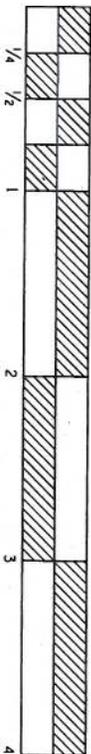
Copy of location map and plan are attached.

//s//  
WAVERLY W. GREGORY, JR.  
Bridge Program Manager  
By direction of the Commander  
Fifth Coast Guard District

This is a web-searchable copy and is not the official, signed version; however, other than the signature being omitted, it is a duplicate of the official version.



LOCATION MAP  
 PROJECT: B-4712

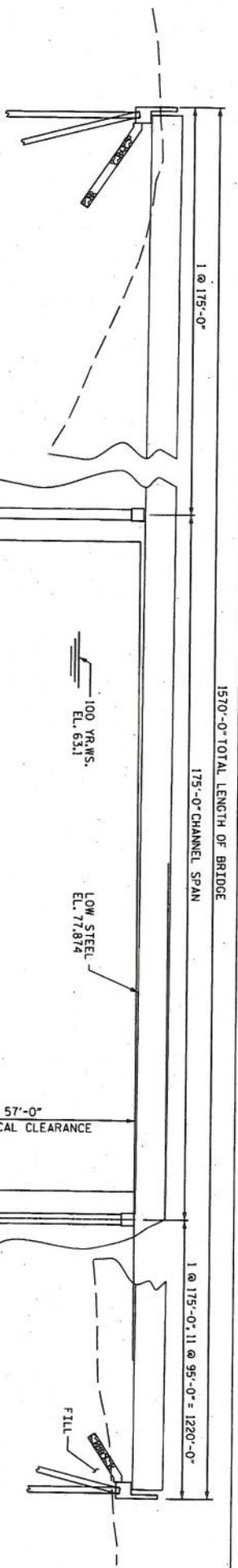


VICINITY MAP

SHEET 1 OF 2

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 PROPOSED REPLACEMENT OF BRIDGE  
 ON SR 1316 (TARHEEL FERRY RD.) OVER  
 CAPE FEAR RIVER (MILE POST 117.8)  
 BETWEEN NC 87 AND SR 1318  
 TAR HEEL, NORTH CAROLINA  
 BLADEN COUNTY

DRAWN BY : B.C. HUNT DATE : 11-7-11  
 CHECKED BY : D.R. SMITH DATE : 11-7-11



BENT #1

BENT #2

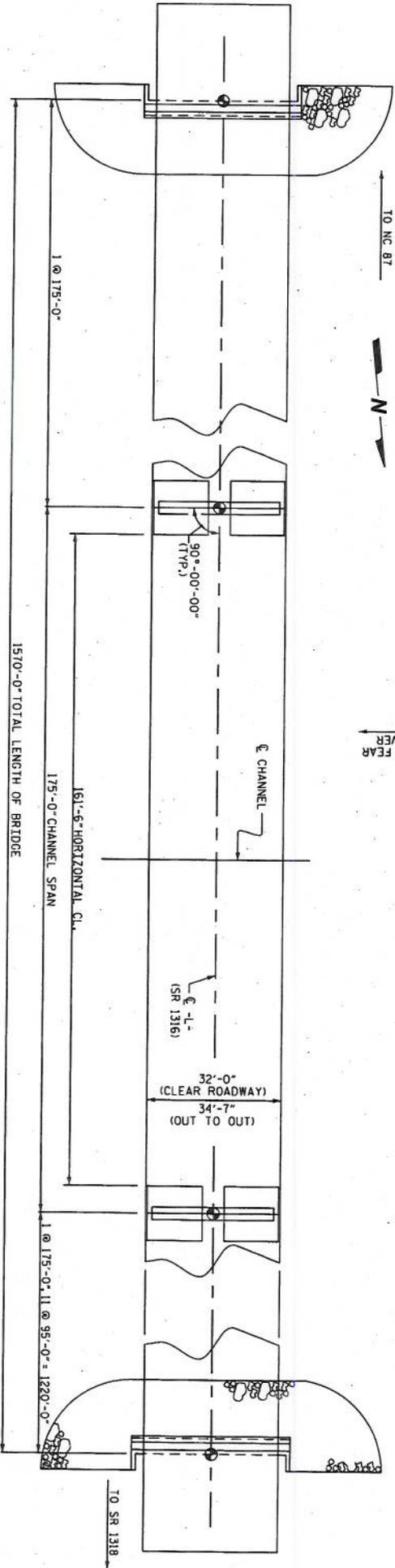
END BENT #1

END BENT #2

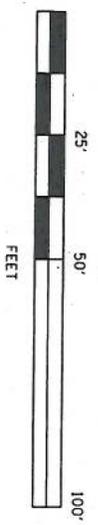
CAPE FEAR RIVER

DATUM: NAVD 88

ELEVATION



EXISTING VERTICAL CL. = 52.28'  
EXISTING HORIZONTAL CL. = 282'



PLAN

SHEET 2 OF 2

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

BLADEN COUNTY

PROPOSED REPLACEMENT OF BRIDGE  
ON SR 1318 (TARHEEL FERRY RD.) OVER  
CAPE FEAR RIVER (MILE POST 117.8)  
BETWEEN NC 87 AND SR 1318  
TAR HEEL, NORTH CAROLINA

F.A. PROJECT NO.: BRZ-1316(6)  
STATE PROJECT NO.: 37922.1.1 (B-4712) COUNTY: BLADEN

DRAWN BY : B.C. HUNT  
CHECKED BY : D.R. SMITH  
DATE : 11-7-11  
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