

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
United States Coast Guard  
Fifth Coast Guard District

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Portsmouth, Va. 23704-5004  
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16591  
MAR 15 2013

## ***PUBLIC NOTICE 5-1292***

**TO WHOM IT MAY CONCERN:** All interested parties are notified that the Commander, Fifth Coast Guard District has received an application from the North Carolina Department of Transportation (NCDOT) for a replacement bridge to be constructed across navigable waters of the United States.

**WATERWAY AND LOCATION:** Over New Inlet or Pea Island Breach, at mile 0.0, between Whalebone and Rodanthe near Oregon Inlet, Dare County, NC.

**CHARACTER OF WORK:** NCDOT proposes to replace the existing three-span temporary bridge over New Inlet or Pea Island Breach which was reopened by Hurricane Irene in September 2011, with a new 2.1 mile-long, two-lane fixed highway NC-12 Bridge on the same alignment. The applicant is also requesting a waiver of a bridge permit under Title 33 Code of Federal Regulations, Section 115.70; Advance approval for bridges. Advance approval waterways are those that are navigable in law, but not actually navigated by other than small boats. The Commandant of the Coast Guard has given advance approval to the construction or repair of bridges across such waterways.

### **MINIMUM NAVIGATIONAL CLEARANCES:**

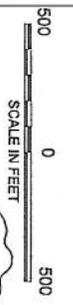
<b><u>Existing</u></b>	<b><u>Proposed</u></b>
Vertical Clearance: 10.5 feet above mean high water (MHW)	Vertical Clearance: 24.3 feet above MHW
Horizontal Clearance: 153 feet between bents	Horizontal Clearance: 87 feet between bents

**SOLICITATION OF COMMENTS:** Interested parties are requested to express their views, in writing, on the proposed construction of the replacement bridge giving sufficient detail to establish a clear understanding of their reasons for support of or opposition to the proposed project. Comments will be addressed for the record at the office of Commander (dpb), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, VA 23704-5004 through APR 14 2013. Location and plan sheets 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.



**PEA ISLAND  
NATIONAL  
WILDLIFE  
REFUGE**

BEGIN PROPOSED BRIDGE

TO RODANTHE

12



ATLANTIC OCEAN

LIMITS OF PROPOSED BRIDGE

**PAMLICO  
SOUND**

**PEA  
ISLAND  
BREACH**

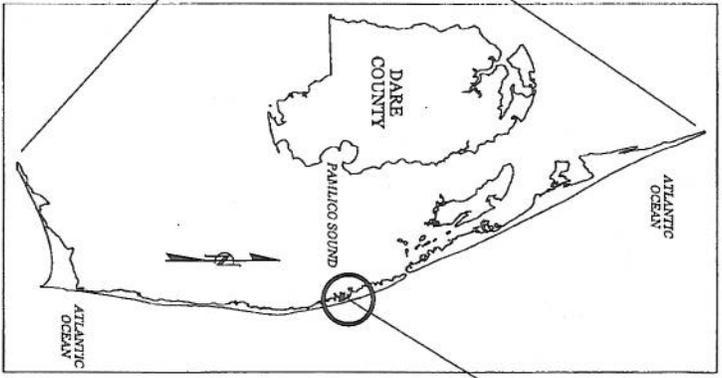
END PROPOSED BRIDGE

TO WHALEBONE

12

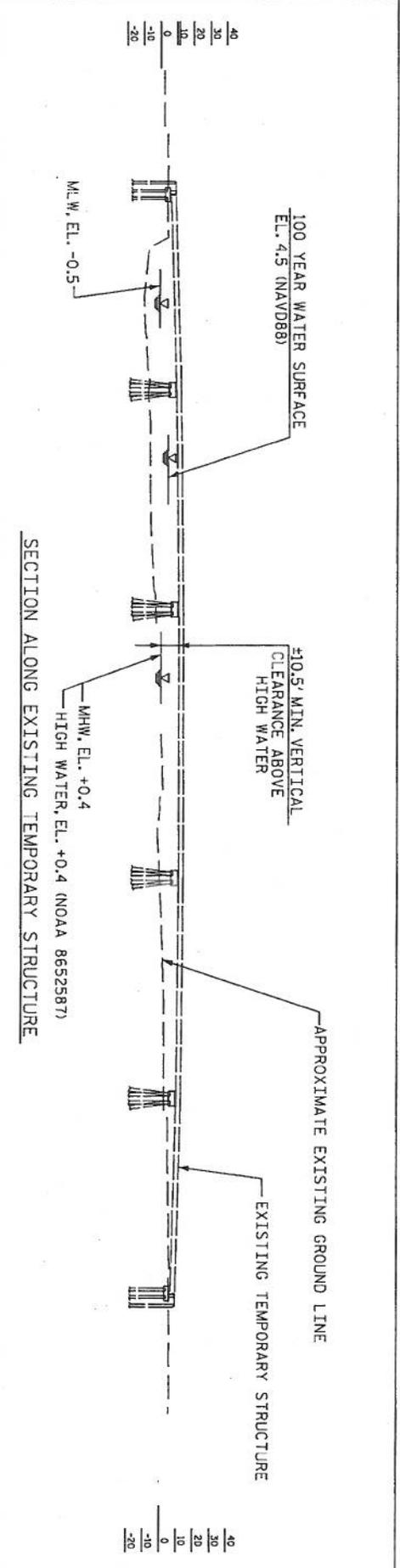


This bridge will be built in accordance with AASHTO standards.

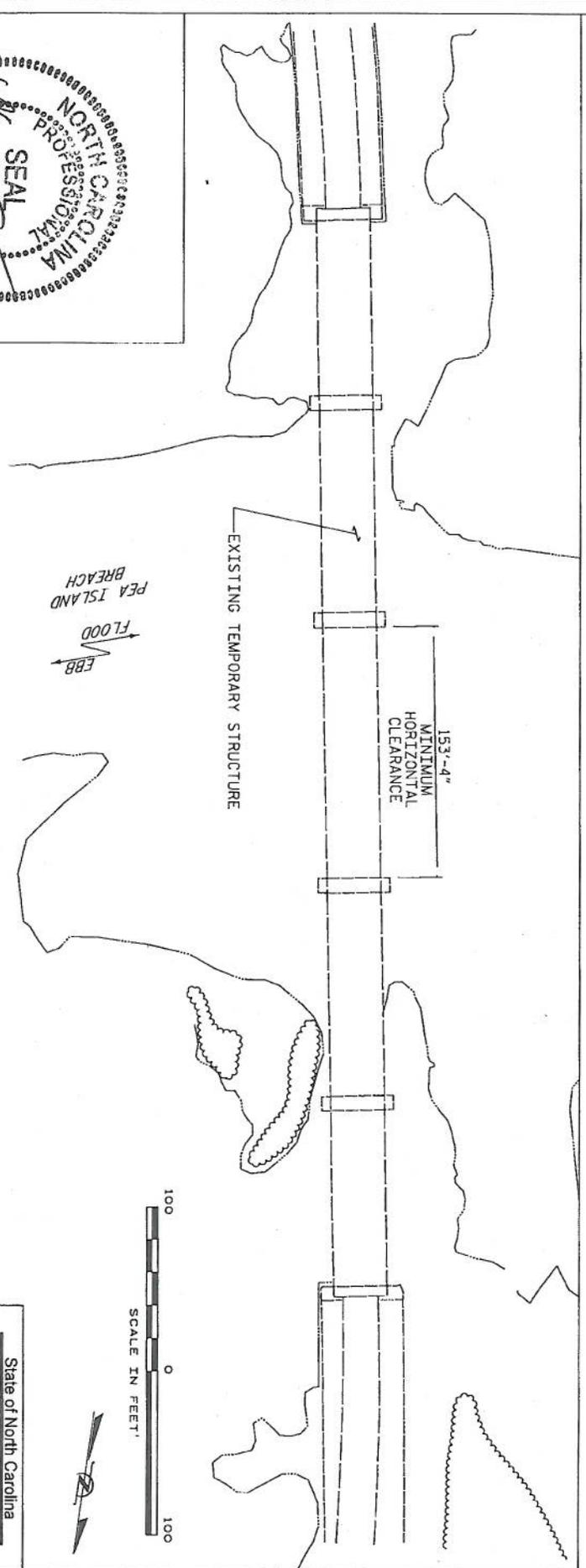


LOCATION OF  
PEA ISLAND BREACH

State of North Carolina	
Department of Transportation	
Raleigh, NC	
Proposed Bridge	NC 12
on	between
Whalebone, NC and Rodanthe, NC	over
Pea Island Breach	near
Oregon Inlet	
Dare County	
March 4, 2013	
Sheet 1 of 8	



SECTION ALONG EXISTING TEMPORARY STRUCTURE

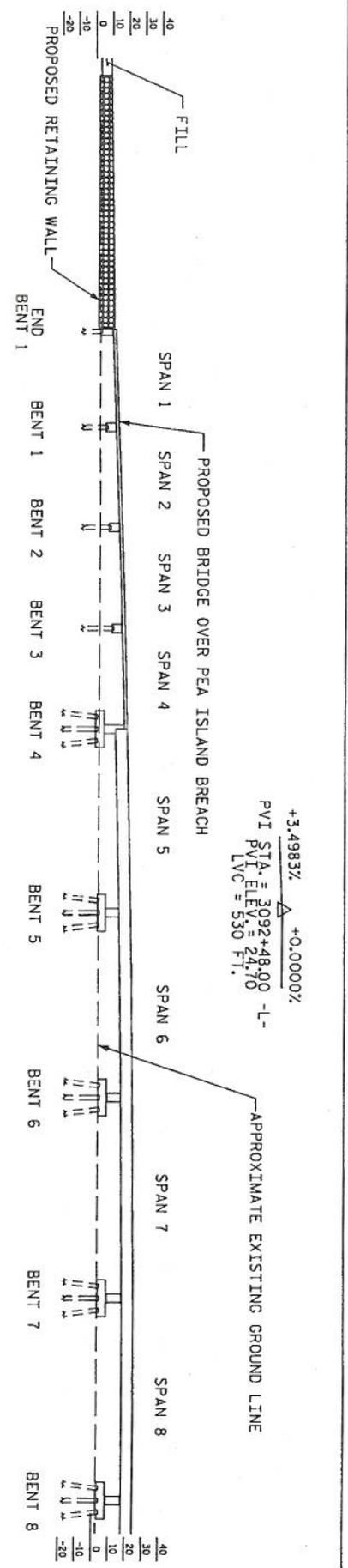


PLAN  
EXISTING TEMPORARY STRUCTURE  
AT  
PEA ISLAND BREACH



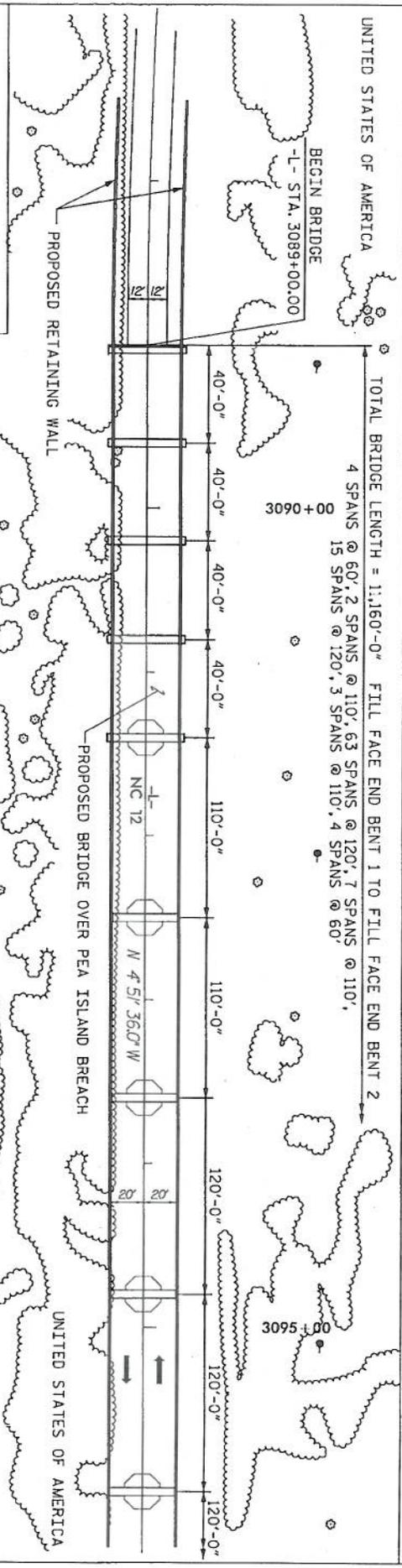
This bridge will be built in accordance with AASHTO standards.

State of North Carolina	
Department of Transportation Raleigh, NC	
Proposed Bridge	
NC 12	Whalebone, NC and Rodanthe, NC
on	between
	over
	Pea Island Breach
	near
	Oregon Inlet
Dare County	
March 4, 2013	
Sheet 2 of 6	



+3.4983%  $\Delta$  +0.0000%  
 PVI STA. = 3092+48.00 -L-  
 PVI ELEV. = 24.70  
 LVC = 530 FT.

SECTION ALONG C -L-

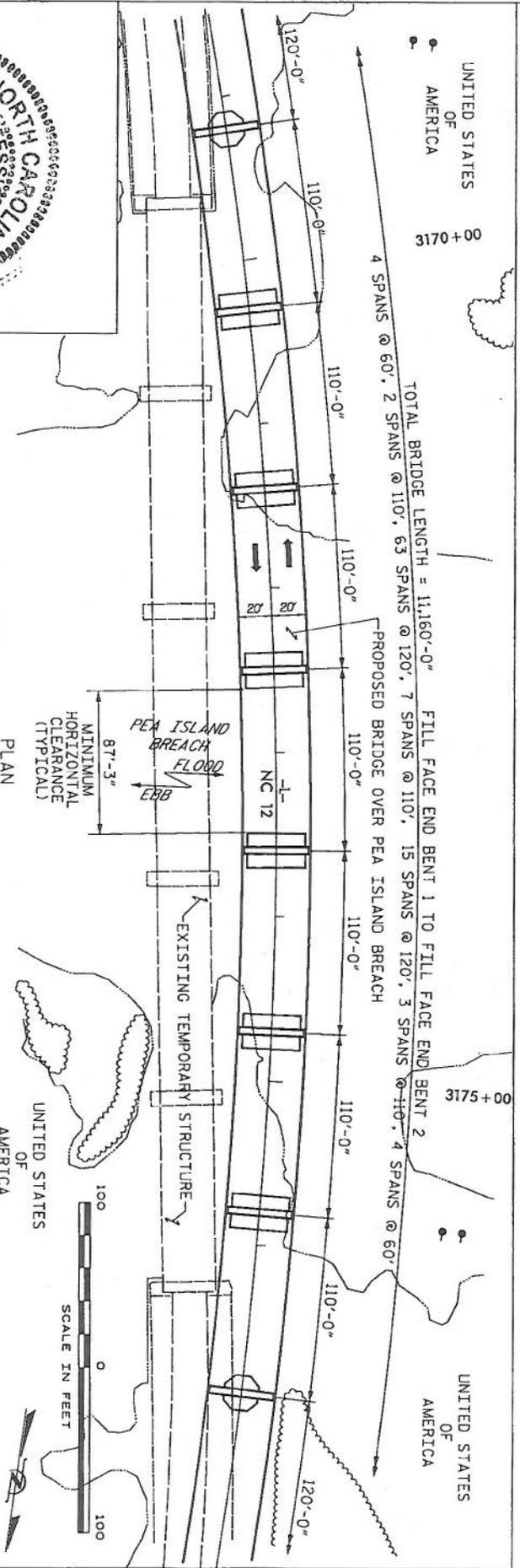
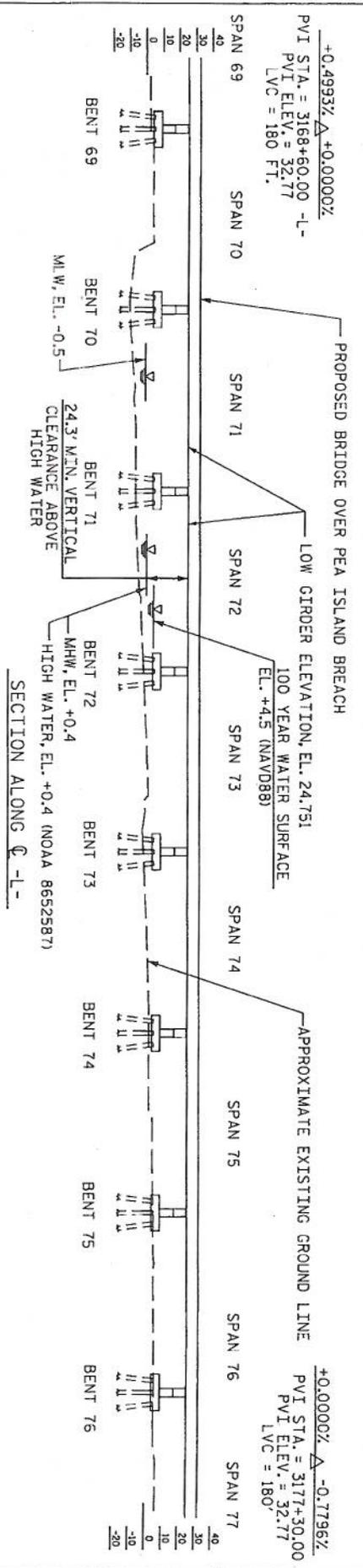


PLAN  
 AT BEGINNING OF PROPOSED BRIDGE

SEAL  
 30828  
 NORTH CAROLINA  
 PROFESSIONAL  
 ENGINEER  
 KEVIN FISCHER  
 3/14/13

This bridge will be built in accordance with AASHTO standards.

State of North Carolina  
 Department of Transportation  
 Raleigh, NC  
 Proposed Bridge  
 on  
 NC 12  
 between  
 Whalebone, NC and Rodanthe, NC  
 over  
 Pea Island Breach  
 near  
 Oregon Inlet  
 Dare County  
 March 4, 2013  
 Sheet 3 of 6

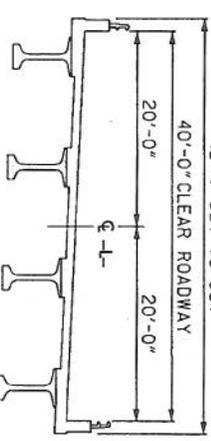


PROPOSED BRIDGE AT PEA ISLAND BREACH

DEPTH AND WIDTH OF WATERWAY AT PROPOSED BRIDGE SITE

DEPTH	WIDTH
AT MEAN HIGH TIDE	10.4 ft., 87.3 ft.
AT MEAN LOW TIDE	9.5 ft., 87.3 ft.

Depths are based on the maximum depth encountered in the navigation zone from the bed profile of ±0.4 ft., ±0.4 ft. of +0.4 ft. and ±0.4 ft. of -0.5 ft. Navigation widths are based on the distance between the pile caps within the navigation zone.



3/4/13

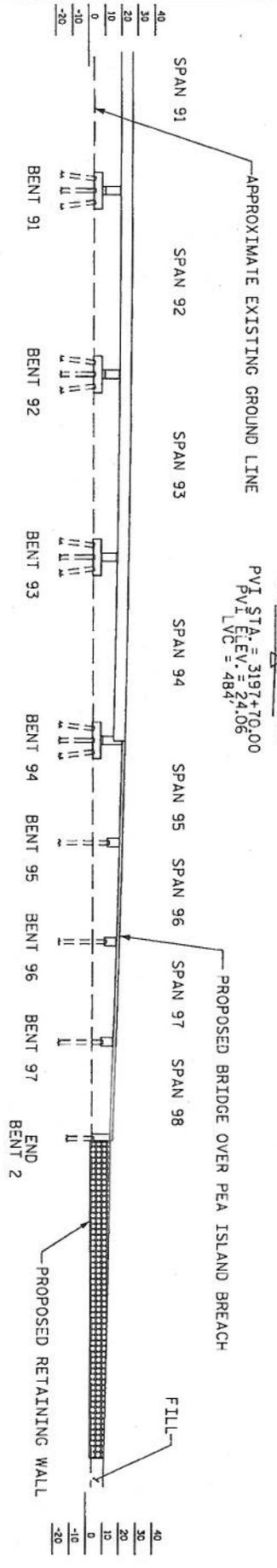
This bridge will be built in accordance with AASHTO standards.

State of North Carolina  
Department of Transportation  
Raleigh, NC

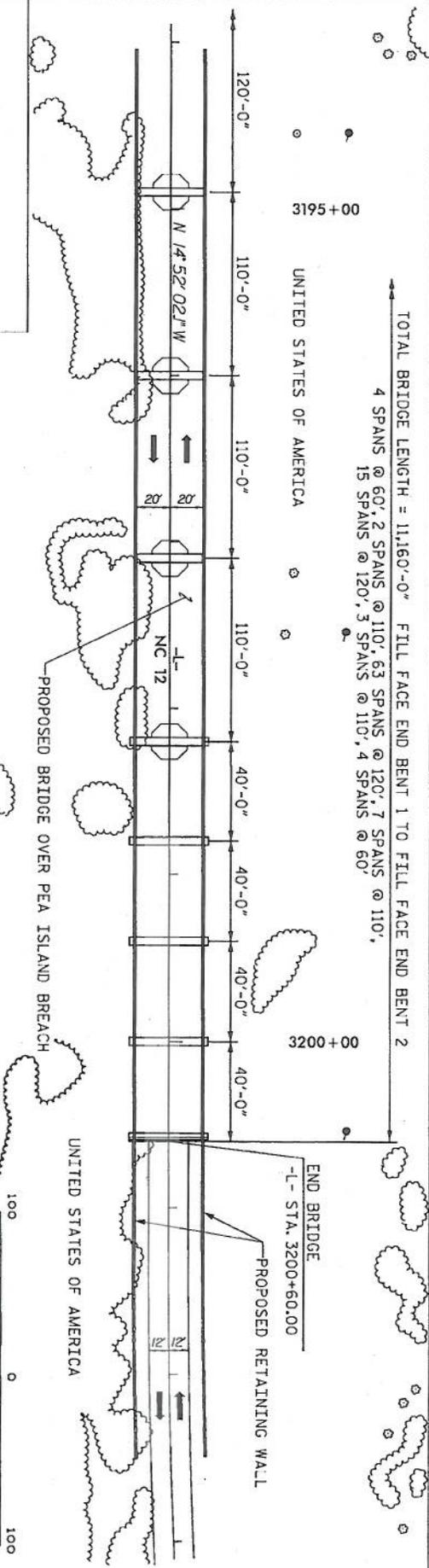
Proposed Bridge  
on  
NC 12  
between  
Whalebone, NC and Rodanthe, NC  
over  
Pea Island Breach  
near  
Oregon Inlet  
Dare County

March 4, 2013  
Sheet 4 of 6

+0.3000% Δ -3.5000%  
 PVI STA. = 3197+70.00  
 PVI ELEV. = 24.06  
 LVC = 484'



SECTION ALONG C-L-

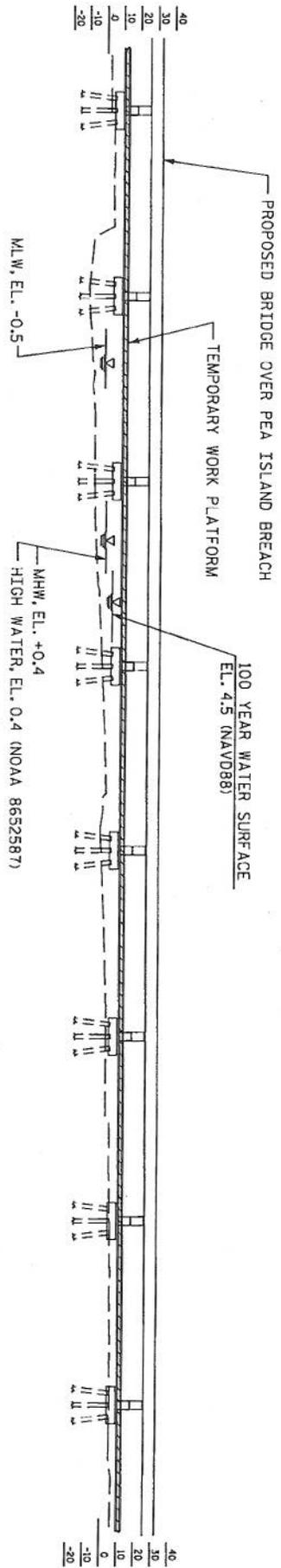


PLAN  
 AT END OF PROPOSED BRIDGE

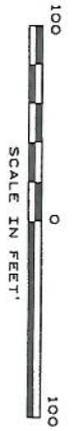
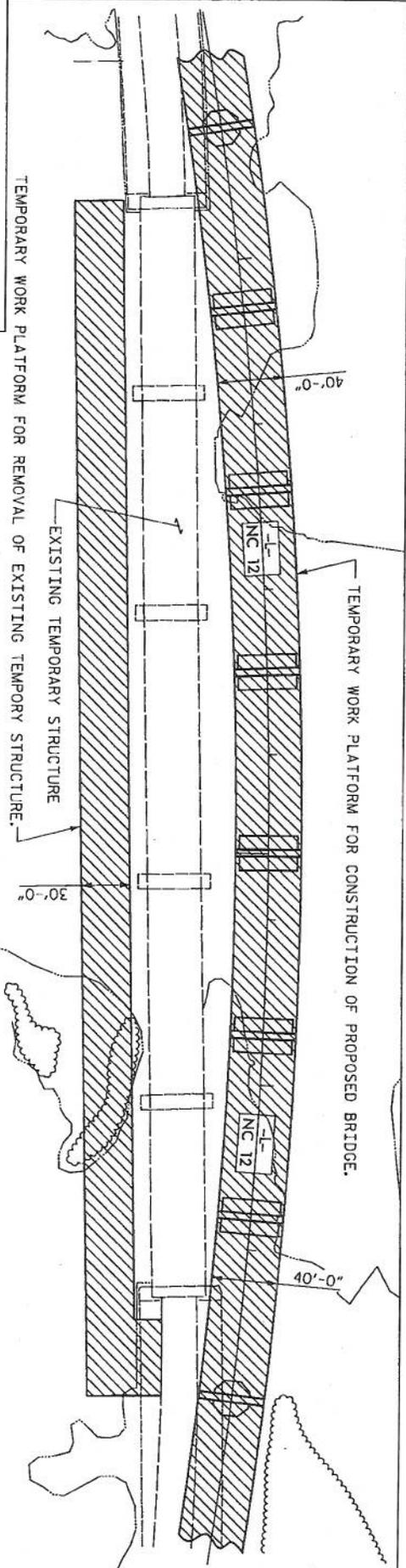


This bridge will be built in accordance with AASHTO standards.

State of North Carolina
Department of Transportation
Raleigh, NC
Proposed Bridge
on
NC 12
between
Whalebone, NC and Rodanthe, NC
over
Pea Island Breach
near
Oregon Inlet
Dare County
March 4, 2013
Sheet 5 of 6



SECTION ALONG C-L-



This bridge will be built in accordance with AASHTO standards.

PLAN  
AT PEA ISLAND BREACH

PEA ISLAND  
BREACH  
FLOOD  
EBB

State of North Carolina
Department of Transportation
Raleigh, NC
Proposed Bridge
on
NC 12
between
Whalebone, NC and Rodentha, NC
over
Pea Island Breach
near
Oregon Inlet
Dare County
March 4, 2013
Sheet 6 of 6