



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT L. MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

March 13, 2015

Mr. Tom Steffens
U.S. Army Corps of Engineers
Regulatory Field Office
Post Office Box 1000
Washington, NC 27889-1000

Mr. Stephen Lane
N.C. Dept. of Environment & Natural
Resources
Division of Coastal Management
400 Commerce Avenue
Morehead City, NC 28557

Dear Sirs:

Subject: **Permit Modification Request for the Section 404 Individual Permit, Section 401 Individual Water Quality Certification and CAMA Major Development Permit** for the proposed improvements to US 70 from existing four lanes at Radio Island to north of Olga Road (SR 1426), Carteret County, State Project No. 8.1162501, Federal Aid Project STPNHF-70(43), TIP R-3307. Debit \$570 (NCDWR) and \$100 (NCDCM) from WBS 34528.1.1.

References: Section 404 Permit No. SAW-2010-02125, issued September 27, 2013
Section 401 Permit No. 3195, issued April 30, 2012
CAMA Major Development Permit No. 37-12, issued May 3, 2012
Section 401 Permit Modification 20111003v3, issued October 2, 2014
CAMA Major Development Permit Modification, issued October 1, 2014
Section 404 Permit Modification, issued October 6, 2014

Dear Sirs:

Please see the enclosed revised permit drawings and impact summary sheet for the above referenced project.

The contractor has determined 0.32 acre of temporary excavation will be required to set the forms for the footings of interior bents 11-15 and 25. Additionally, it was established in the field, the 48-inch RCP at site 2 should be installed on a slightly different alignment to improve the hydraulic function and prevent scour at the outlet. The permit drawing was not updated to reflect this change due to the scale of the plan view. The summary table has been updated to include an additional < 0.01 acre of excavation and 0.03 acre of hand clearing at site 2.

Section 404: We are hereby requesting the modifications described above for the USACE Individual 404 Permit signed September 27, 2013 (SAW-2010-02125), for the above-described activities.

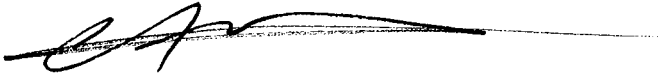
Section 401: We are hereby requesting a modification to the 401 Water Quality Certification from the NCDWR issued, April 30, 2012 (DWQ No. 3195). We are providing \$570 to act as payment for processing the permit modification (see subject line).

CAMA: We are hereby requesting a modification to the Coastal Area Management Act Major Permit issued May 3, 2012. We are providing \$100 to act as payment for processing the permit modification (see subject line).

As you are aware, this project is currently under construction. Therefore, the Department requests that your agency expedite your review and approval to avoid delay.

Thank you for your assistance with this project. If you have any questions or need additional information, please contact Tyler Stanton at tstanton@ncdot.gov or (919) 707-6156.

Sincerely,



for

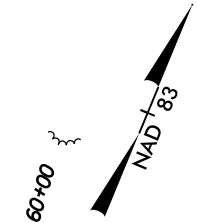
Richard W. Hancock, P.E., Manager
Project Development and Environmental Analysis Unit

cc:

NCDOT Permit Application Standard Distribution List.

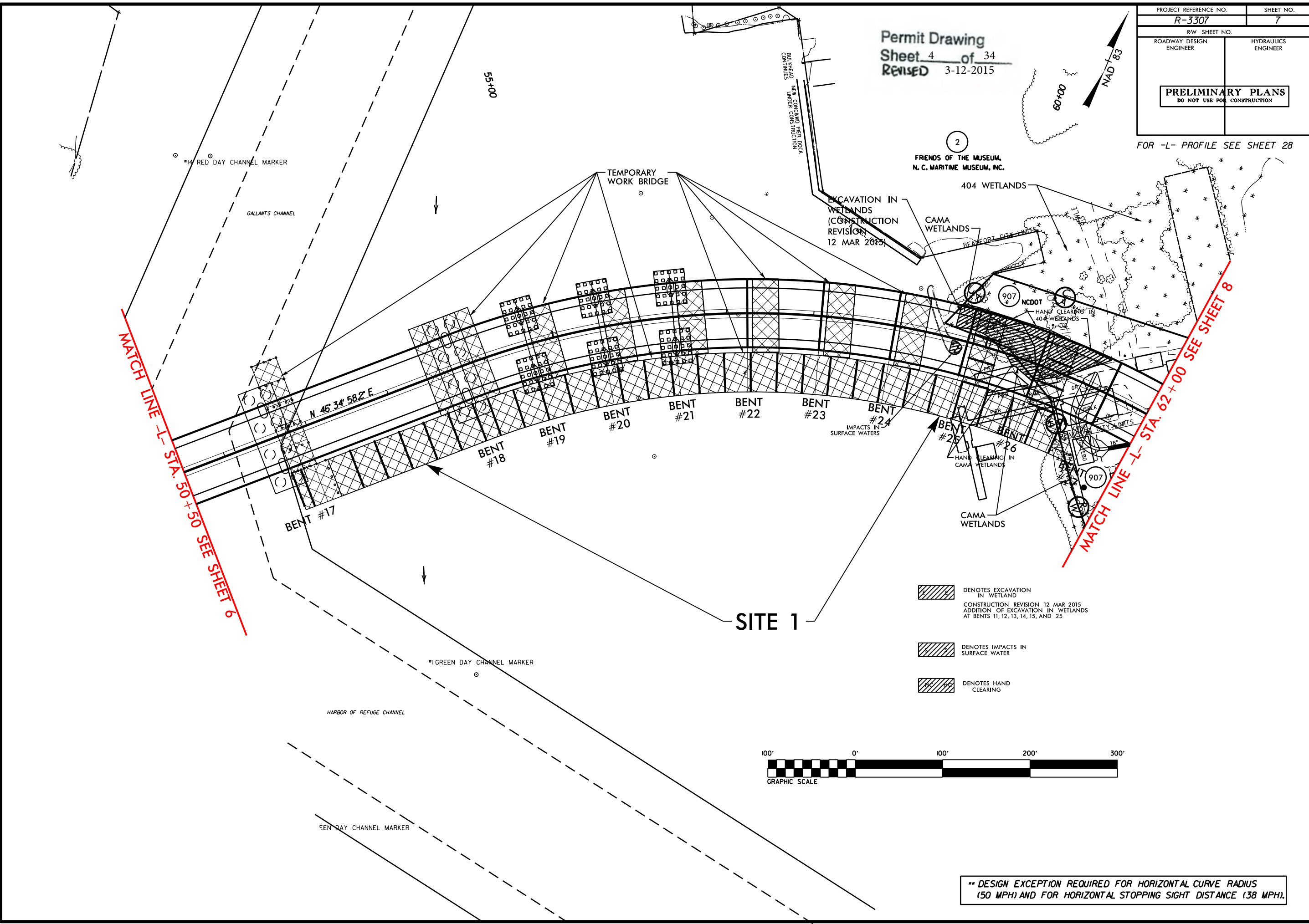
PROJECT REFERENCE NO. R-3307	SHEET NO. 7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

Permit Drawing
Sheet 4 of 34
REVISED 3-12-2015

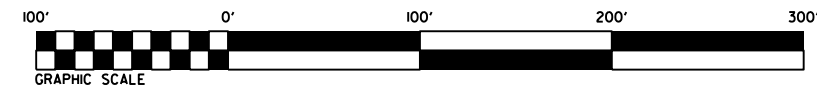


FOR -L- PROFILE SEE SHEET 28

REVISIONS
 R/W REV. 07/29/10 (KMW): REVISED EXIST. P/L TO NUMERICAL OFFSET.



- DENOTES EXCAVATION IN WETLAND
CONSTRUCTION REVISION 12 MAR 2015
ADDITION OF EXCAVATION IN WETLANDS AT BENTS 11, 12, 13, 14, 15, AND 25
- DENOTES IMPACTS IN SURFACE WATER
- DENOTES HAND CLEARING



** DESIGN EXCEPTION REQUIRED FOR HORIZONTAL CURVE RADIUS (50 MPH) AND FOR HORIZONTAL STOPPING SIGHT DISTANCE (38 MPH).

8/17/99

SYSTEMS
 DESIGN
 \$\$\$\$\$\$

WETLAND PERMIT IMPACT SUMMARY

Site No.	Station (From/To)	Structure Size / Type	Wetland Restoration (ac)	WETLAND IMPACTS						SURFACE WATER IMPACTS				
				CAMA Permanent Fill In Wetlands (ac)	404 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- STA. 28+10 TO 29+47 LT	Roadway Fill		<0.01						0.02				
	-L- STA 28+99 TO 63+44	Bridge		0.02	<0.01	0.08	0.48*			0.84	0.03	0.06		
2	-L- STA. 62+82 TO 72+30 &	48" RCP &		0.24	1.39		<0.01	0.21	0.12	0.02	0.01	124	24	
	-Y1REV- STA. 15+74 TO 20+64	Roadway Fill												
3	-L- STA. 78+58 TO 79+06 &	72" RCP								0.04	0.01	165	22	
	-Y2- STA. 10+78 TO 11+18 LT	Roadway Fill										24		
		Bank Stabilization												
4	-L- STA. 87+50 TO 92+56	Roadway Fill			**					0.16	<0.01	499	10	***
5	-L- STA. 171+47 TO 183+92	Roadway Fill			3.98			0.53						
6	-Y2- STA. 13+13 TO 18+77 ****	Bridge	1.46	<0.01		<0.01				<0.01	<0.01			
	-Y2- STA. 12+33 TO 13+48 RT	Roadway Fill		0.04										
7	-Y2- STA. 18+66 TO 24+34	Roadway Fill		0.20					0.12					
		Bank Stabilization										8		
TOTALS:			1.46	0.50	5.37	0.08	0.49	0.74	1.10	0.26	0.08	820	56	0.00

* 0.16 ACRES OF EXCAVATION IN CAMA WETLANDS AT END BENT 1 REQUIRED TO PROVIDE ACCESS FOR BRIDGE CONSTRUCTION AND MAINTENANCE / INSPECTION. 0.32 ACRES OF EXCAVATION AT INTERIOR BENTS 11-15 and 25 REQ'D FOR CONSTRUCTION. TOTAL EXCAVATION: 0.48 ACRES.

** 0.18 ACRES OF ISOLATED WETLANDS

*** NEW BASE DITCH TO BE EXCAVATED PARALLEL TO EXISTING BASE DITCH. PROVIDES DRAINAGE FOR AIRPORT PROPERTY. MITIGATION NOT REQUIRED PER 4C MEETING ON 20 OCT 2010.

**** CAUSEWAY REMOVAL: SITE 6

SEDIMENT & EROSION CONTROL MEASURES:

0.04 acres of Temporary Fill in CAMA Wetlands in the Hand Clearing areas for erosion control measures.

BRIDGE IMPACTS: Impacts for permanent and temporary bents are included in table above. Break-out for impacts are as follows:

Gallants Channel Bridge
 Perm. Fill in CAMA wetlands: 0.02 Ac
 Mech. Clr. in CAMA wetlands:
 Hand Clr. in CAMA wetlands: 0.84 Ac
 Perm. Fill in 404 wetlands: <0.01 Ac
 Hand Clr. in 404 wetlands: 0.08 Ac
 Perm. Fill in Surface Waters: 0.03 Ac

 Temp. Fill in wetlands: 0.07 Ac
 Temp. Fill in Surface Waters: 0.06 Ac.

Turner Street Bridge
 Perm. Fill in CAMA wetlands: <0.01 Ac
 Perm. Fill in 404 wetlands: 0 Ac
 Perm. Fill in Surface Waters: <0.01 Ac

 Temp. Fill in wetlands: <0.01 Ac
 Temp. Fill in Surface Waters: <0.01 Ac.

Permit Drawing
 Sheet 34 of 34
 Revised 3-12-2015

N.C.D.O.T.
 DIVISION OF HIGHWAYS
 CARTERET COUNTY
 PROJECT: 34528.1.1 (R-3307)
 US 70 FROM EXISTING FOUR LANES
 AT RADIO ISLAND TO US 70 NORTH
 OF SR 1429 (OLGA ROAD)