



Transportation

PAT McCRORY
Governor

NICHOLAS J. TENNYSON
Secretary

June 1, 2016

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 Environmental Quality
Division of Coastal Management
400 Commerce Avenue
Morehead City, NC 28557

Dear Sirs:

Subject: **Revised 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
Section 404 Permit Modification, issued March 31, 2015
CAMA Major Development Letter of Refinement, issued September 8, 2015
Section 404 Permit Modification, issued January 11, 2016
Section 401 Permit Modification, issued January 8, 2016
CAMA Major Development Letter of Refinement, issued March 1, 2016

Dear Sirs:

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

As noted during a recent field review, additional rip rap will be required for the 48" RCP at Site 2 for inlet protection, resulting in an additional 0.01 acre of fill in surface waters. Additionally, a small head cut will be filled with select granular material, matching surrounding grade and transplanted with local grasses.



Also note, three work pads at site 1 have been modified; however, impacts totals have not changed since quantities are based on the permanent bridge footprint (See May 2016 Permit Revision Note on Permit Drawing Sheet 3).

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 Philip S. Harris III, P.E., C.P.M.
Natural Environment Section Head

cc:

NCDOT Permit Application Standard Distribution List

8/17/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	

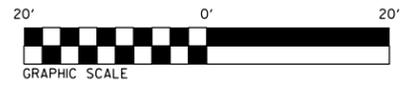
Permit Drawing
Sheet 5a of 34
Revised 23 May 2016

PERMIT REVISION
MAY 2016

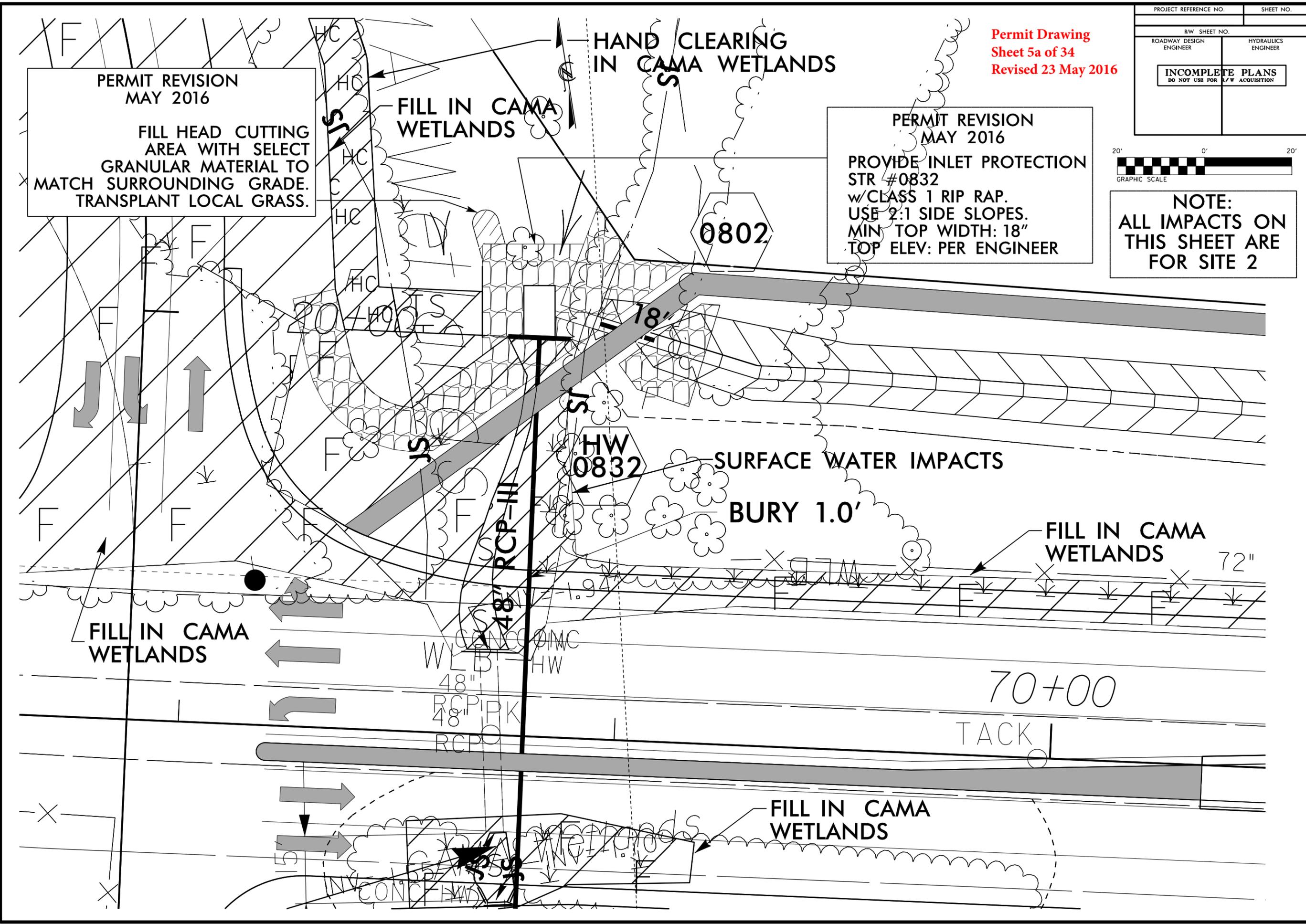
FILL HEAD CUTTING AREA WITH SELECT GRANULAR MATERIAL TO MATCH SURROUNDING GRADE. TRANSPLANT LOCAL GRASS.

PERMIT REVISION
MAY 2016

PROVIDE INLET PROTECTION STR #0832 w/CLASS 1 RIP RAP. USE 2:1 SIDE SLOPES. MIN TOP WIDTH: 18" TOP ELEV: PER ENGINEER



NOTE:
ALL IMPACTS ON THIS SHEET ARE FOR SITE 2



\$\$\$SYTIME\$\$\$
 \$\$\$DESIGN\$\$\$
 \$\$\$DATE\$\$\$

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*			1.02	0.03	0.06		
2	-L- STA. 62+82 TO 72+30 & -Y1REV- STA. 15+74 TO 20+64	48" RCP & Roadway Fill		0.28	1.38		<0.01	0.21	0.08	0.04	0.01	139	34	
		Bank Stabilization										24		
3	-L- STA. 78+58 TO 79+06 & -Y2- STA. 10+78 TO 11+18 LT	72" RCP Roadway Fill								0.04	0.01	165	22	
		Bank Stabilization										24		
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	0.54	5.36	0.08	0.49	0.74	1.24	0.28	0.08	859	66	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: 0.99 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.

REVISION - DEC 2015: Revised Temp Work Pads under Gallant Channel Bridge. Added Rip Rap at inlet and outlet of 48" pipe, -L- Sta 68+79. The revision to the work pads do not change the impact to any jurisdictional feature. Also, three bridges and four pipes will be removed from the airport ditch. No impacts are shown for removal of these items.

REVISION - MAY 2016: Revised Temp Work Pads under Gallant Channel Bridge. Added Rip Rap inlet protection at the 48" pipe, -L- Sta 68+79. Revised work pads at bent 12, 14, and between bents 14 and 15. The revision to the work pads do not change the impact to any jurisdictional feature.

**Permit Drawing
 Sheet 34 of 34
 Revised 23 May 2016**

CONSTRUCTION REVISION
 23-May-16

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)
 SHEET (08/SEP/2014)