



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT L. MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

April 9, 2015

Washington Regulatory Field Office
US Army Corps of Engineers
2407 West 5th St.
Washington, North Carolina 27889

ATTN: Mr. Tom Steffens
NCDOT Coordinator

Dear Sir:

Subject: **Request for Modification to Section 404 Individual Permit, Tar-Pamlico Riparian Buffer Authorization and Section 401 Water Quality Certification** for the proposed replacement of Bridge Nos. 85, 141, 151 and Culvert No. C70 on US 301 over Swift Creek and Culvert No. C161 on US 301 over Lane Swamp in Nash County. Federal Aid Project No. BRSTP-0301(25), TIP No. B-5124. Debit \$570.00 from WBS 42270.1.1.

References: Section 404 and 401 Individual Permit Application dated September 19, 2014
Section 404 Individual Permit issued February 6, 2015 (SAW-2014-01802)
Section 401 Water Quality Certification and Tar-Pamlico Buffer Rules issued January 7, 2015 (Project No. 20140998)

The purpose of this letter is to request a modification to the United States Army Corps of Engineers (USACE) Individual Permit and North Carolina Division of Water Resources Water Quality Certification for the above referenced project. The requested modification is to account for additional permanent wetland impacts. Also please find attached the revised: permit drawing sheets, wetland impact summary table, and N.C. Division of Mitigation Services (DMS) request letter.

The southern portion of the project area has been extended. Mechanized clearing impacts to riparian wetlands will increase by 0.09 acre to a total of 1.84 acres and permanent fill to riparian wetlands will increase by 0.02 acre to 2.38 acres. Please see the enclosed revised permit drawings.

Compensatory mitigation for the additional 0.11 acre of riparian wetland impacts will be provided by the. This brings total project riparian wetland impacts to 4.26 acres. A copy of the updated DMS acceptance letter will be forwarded once available.

Regulatory Approvals

Section 404: We are hereby requesting the modifications described above for the USACE Individual 404 Permit issued February 6, 2013 (SAW-2014-01802), for the above-described activities.

Section 401: We are hereby requesting a modification to the 401 Water Quality Certification from the NCDWQ issued January 7, 2015 (Project No. 20140998). In compliance with Section 143-215.3D(e) of the NCAC, we will provide \$570.00 to act as payment for processing the Section 401 permit modification.

A copy of this modification request and its distribution list will be posted on the NCDOT website at: <https://connect.ncdot.gov/resources/Environmental>

Thank you for your assistance with this project. If you have any questions or need additional information, please contact John Merritt at 919-707-6140 or jsmerritt@ncdot.gov.

Sincerely,



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

cc:

NCDOT Permit Application Standard Distribution List.



MITIGATION REQUEST FORM TRI-PARTY MOA (NCDOT)



Revised 3/24/2008

Fill in requested information, print out the form, sign and date, and either mail to EEP, 1652 Mail Service Center, Raleigh, NC 27699-1652, or fax to 919-715-2219. Attachments are acceptable for clarification purposes.

Electronic submissions are permissible; however, an acceptance letter cannot be sent until the original signed form has been received.

NCDOT CONTACT INFORMATION		REGULATORY CONTACT INFORMATION	
Agency/Division	NCDOT-Highways	USACE Office	Regulatory Field Office
Branch	PDEA-NEU	USACE Contact	Mr. Tom Steffens
Mailing Address	1598 Mail Service Center	Mailing Address	Post Office Box 1000
City, State, Zip	Raleigh, NC 27699-1598	City, State, Zip	Washington, NC 27889-1000
Project Manager	John Merritt	USACE Fax Number	(252) 975-1399
Telephone Number	(919) 707-6000	NCDWQ Contact	Amy Chapman
E-Mail Address	jsmerritt@ncdot.gov	Mailing Address	1650 Mail Service Center
Supervisor	Chris Rivenbark	City, State, Zip	Raleigh, NC 27699-1650
Telephone Number	(919) 707-6000	NCDWQ Fax Number	(919) 807-6494

PROJECT LOCATION INFORMATION AND IMPACTS			
TIP Number(s)		B-5124	
TIP Description		SWIFT CREEK. REPLACE BRIDGE NOS. 141, 151, & 85.	
Current Let Date		4/21/15	
NCDOT Highway Division		Division 4	
County(ies)		Nash	
Ecoregion(s)		Northern Inner Coastal Plain	
River Basin(s)		Tar-Pamlico	
Cataloging Unit(s) (8-digit)		03020101	
Total Stream (feet)	Warm		
	Cool		
	Cold		
	TOTAL		
Total Riparian Wetland Impact (acres)		4.26	
Total Non-Riparian Wetland Impact (acres)			
Total Coastal Marsh Impact (acres)			
Total Buffer Impact	Zone 1 (square feet)		
	Zone 2 (square feet)		

OTHER INFORMATION	
USACE Action ID Number (if known)	2014-01802
NCDWQ Project Number (if known)	20140998
NCDCM Project Number (if known)	
Comments:	

<table style="width: 100%;"> <tr style="background-color: #ff69b4;"> <th style="text-align: center; padding: 5px;">IMPORTANT</th> </tr> <tr> <td style="padding: 5px;">Check below if this request is a:</td> </tr> <tr> <td style="padding: 5px;"> <input type="checkbox"/> New Mitigation Request </td> </tr> <tr> <td style="padding: 5px;"> <input checked="" type="checkbox"/> Revision to a current acceptance </td> </tr> </table>	IMPORTANT	Check below if this request is a:	<input type="checkbox"/> New Mitigation Request	<input checked="" type="checkbox"/> Revision to a current acceptance	<p>Signature of Applicant or Agent:</p> <p>_____</p> <p>Date: _____</p>
IMPORTANT					
Check below if this request is a:					
<input type="checkbox"/> New Mitigation Request					
<input checked="" type="checkbox"/> Revision to a current acceptance					

WETLAND AND SURFACE WATER IMPACTS PERMIT

NAD 83/NSRS 2007

PROJECT REFERENCE NO. B-5124	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

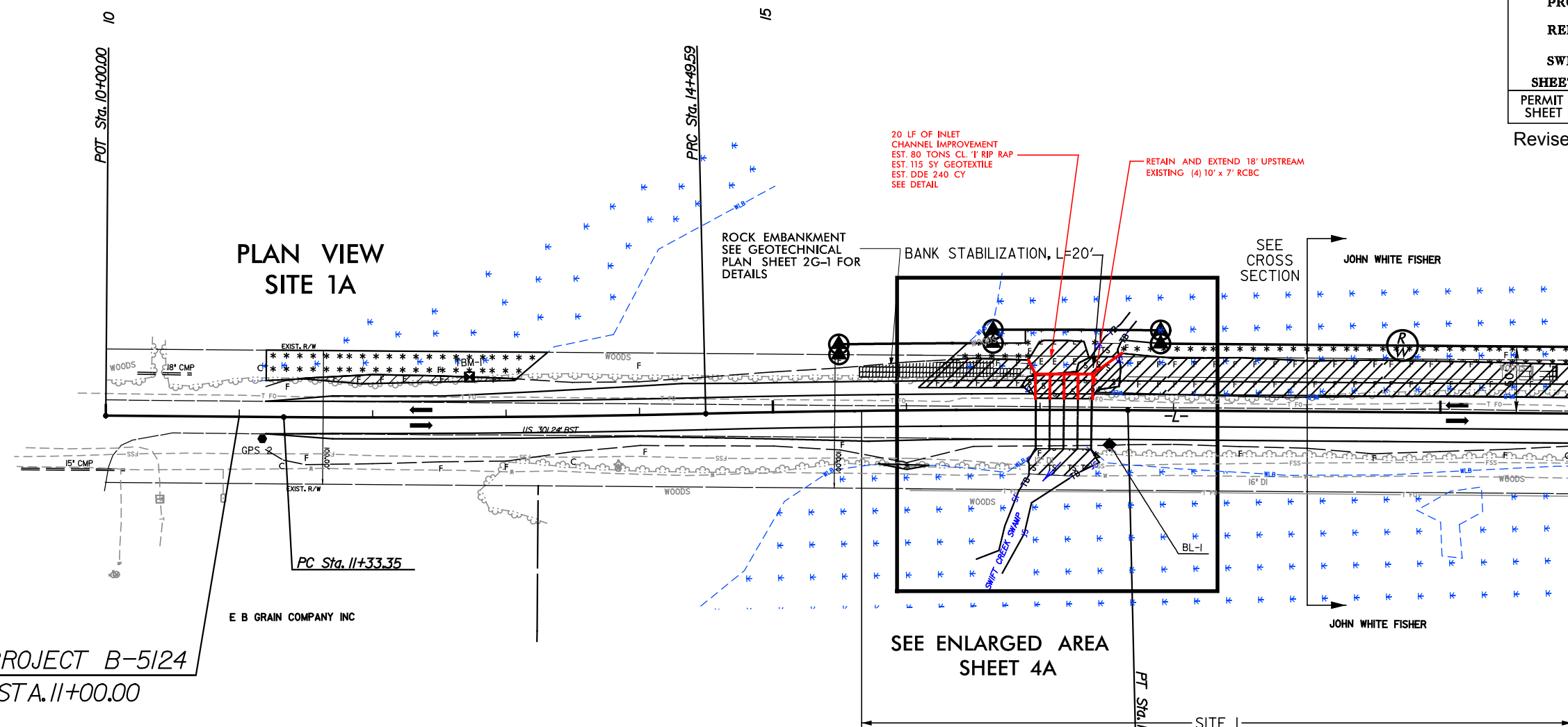
N. C. DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
NASH COUNTY

PROJECT: 42270.1.1 (B-5124)

REPLACE BRIDGES NO. 85,
141, AND 151 OVER
SWIFT CREEK ON US-301

SHEET OF
PERMIT DRAWING
SHEET 2 OF 51

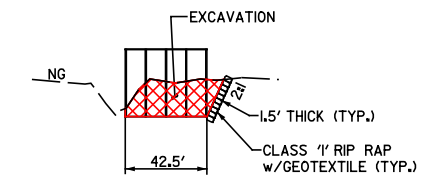
Revised 4/7/15



BEGIN TIP PROJECT B-5124
-L- POT STA. 11+00.00

LEGEND

- WLB -- DENOTES WETLAND BOUNDARY
- DENOTES EXCAVATION IN WETLAND
- DENOTES FILL IN WETLAND
- DENOTES TEMPORARY SURFACE WATER IMPACT
- DENOTES PERMANENT SURFACE WATER IMPACT
- DENOTES MECHANIZED CLEARING



CULVERT 70 INLET CHANNEL
(LOOKING DOWNSTREAM)
(NOT TO SCALE)

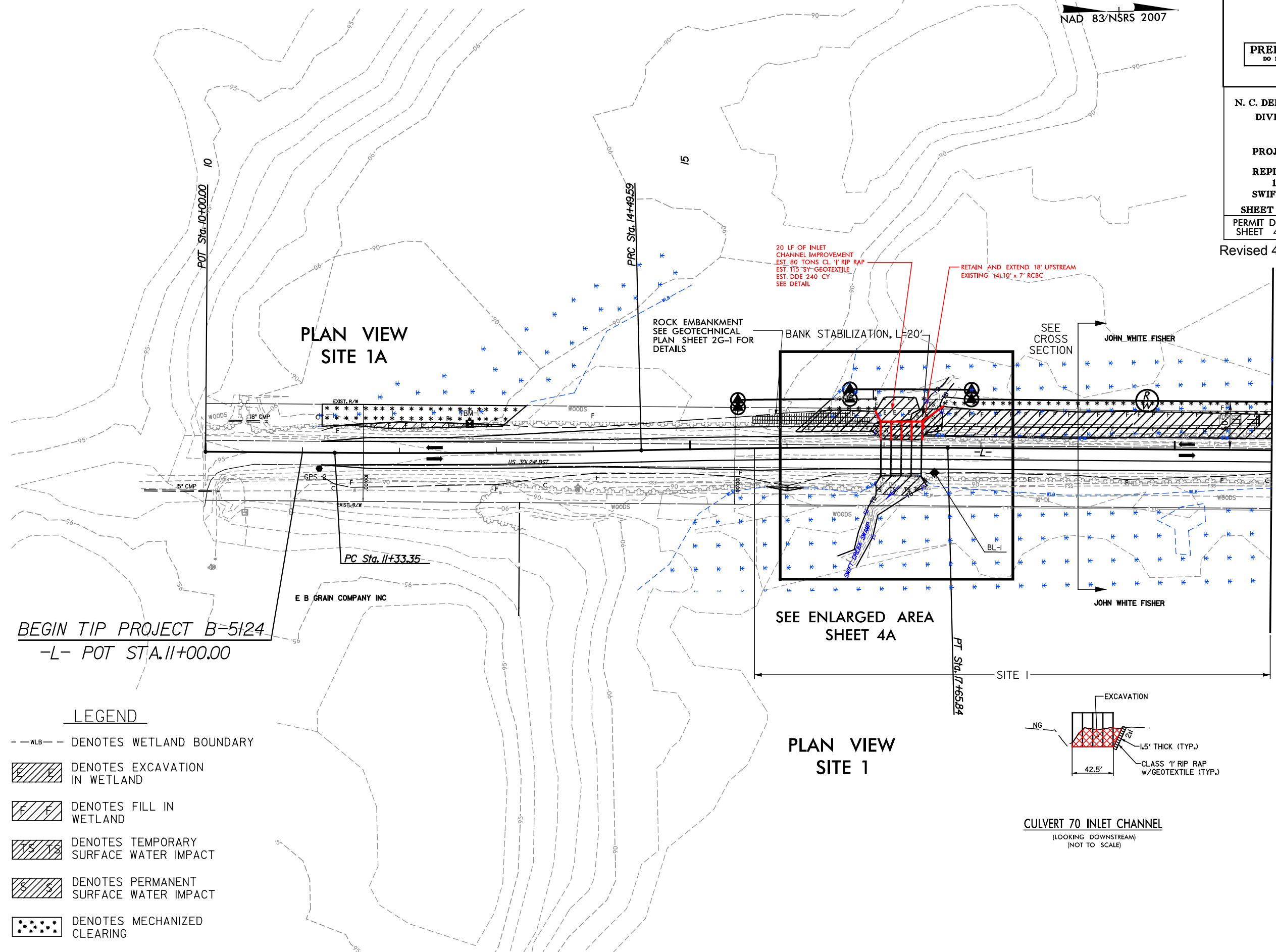
REVISIONS

4/7/2015
ICA ENGINEERING, INC.
R: Hydraulics/PERMITS/Environmental/Drawings/B5124_hyd_perm_wet_psh.dgn

WETLAND AND SURFACE WATER IMPACTS PERMIT

PROJECT REFERENCE NO. B-5124	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
N. C. DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS NASH COUNTY	
PROJECT: 42270.11 (B-5124)	
REPLACE BRIDGES NO. 85, 141, AND 151 OVER SWIFT CREEK ON US-301	
SHEET OF	
PERMIT DRAWING SHEET 4 OF 51	
Revised 4/7/15	

8/17/99
 REVISIONS
 4/7/2015 ICA ENGINEERING, INC.
 R: Hydraulics/PERMITS/Environmental/Drawings/B5124_hyd_perm_wet_psh4.dgn



- LEGEND**
- WLB-- DENOTES WETLAND BOUNDARY
 - [Hatched Box] DENOTES EXCAVATION IN WETLAND
 - [Hatched Box] DENOTES FILL IN WETLAND
 - [Hatched Box] DENOTES TEMPORARY SURFACE WATER IMPACT
 - [Hatched Box] DENOTES PERMANENT SURFACE WATER IMPACT
 - [Dotted Box] DENOTES MECHANIZED CLEARING

BEGIN TIP PROJECT B-5124
-L- POT STA. 11+00.00

20 LF OF INLET CHANNEL IMPROVEMENT
EST. 80 TONS CL. 1' RIP RAP
EST. 115 SY GEOTEXTILE
EST. DDE 240 CY
SEE DETAIL

RETAIN AND EXTEND 18' UPSTREAM
EXISTING (4.10' x 7' RCBC)

ROCK EMBANKMENT
SEE GEOTECHNICAL
PLAN SHEET 2G-1 FOR
DETAILS

BANK STABILIZATION, L=20'

SEE CROSS SECTION

SEE ENLARGED AREA
SHEET 4A

MATCH LINE SEE SHEET 5 -L- STA. 21+00.00



WETLAND PERMIT IMPACT SUMMARY

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			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)
1A	-L- 11+20 TO 13+31	EXTEND EX. 4@10'x7' RCBC	0.02			0.09						
1	-L- 16+08 TO 21+00	EXTEND EX. 4@10'x7' RCBC	0.25		0.02	0.12		0.03	0.02	18	32	
1	-L- 17+10 TO 17+59	BANK STABILIZATION						< 0.01		20		
2	-L- 21+00 TO 34+00	24" PCCS BRIDGE, 1@70', 1@55'	0.60	0.02	< 0.01	0.50		< 0.01	0.05		56	
3	-L- 34+00 TO 47+00	21" PCCS BRIDGE, 1@35', 1@55', 1@45'	0.75	< 0.01	< 0.01	0.47		< 0.01	0.10	5	12	
4	-L- 47+00 TO 55+76	1@40' (21" PCCS), 1@70'(24" PCCS), 1@35' (21" PCCS)	0.40	0.01	< 0.01	0.35		< 0.01	< 0.01		73	
5	-L- 68+54 TO 78+20	EXTEND EX. 3@8'x6' RCBC	0.37		< 0.01	0.32		0.02	0.03	19	54	
5	-L- 73+77 TO 74+30	BANK STABILIZATION						0.03		46		
TOTALS*:			2.38	0.03	0.04	1.84		0.09	0.21	108	227	0

*Rounded totals are sum of actual impacts

NOTES:

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 B-5124, NASH COUNTY
 REPLACE BRIDGES NO. 85, 141, AND 151
 OVER SWIFT CREEK ON US-301
 Revised 4/07/2015

SHEET 36 OF 51