

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR. SECRETARY

March 08, 2011

U. S. Army Corps of EngineersRegulatory Field Office69 Darlington Ave.Wilmington, NC 28402-1890

ATTN: Mr. Ronnie Smith

NCDOT Coordinator

Dear Sir:

Subject: **Application for Section 404 Nationwide Permit 3** for the replacement of Bridge No. 150 over the South River on SR 1502 in Bladen County. State Project No. 42257.1.1; Federal Aid Project Number BRZ-1502(2); **TIP No. B-5116**.

The North Carolina Department of Transportation (NCDOT), Division of Highways, in consultation with the Federal Highway Administration (FHWA), proposes to replace Bridge No. 150 in Bladen County. The proposed let date for the project is December 20, 2011 with a review date of November 1, 2011; however, the let date may advance as additional funds become available.

Please find enclosed a Pre-Construction Notification (PCN) form, permit drawings, utility drawings, roadway plans, a copy of the State Stormwater Management Plan, and EEP Mitigation Acceptance Letter. A Programmatic Categorical Exclusion (PCE) was completed for this project on August 9, 2010, and distributed shortly thereafter. Additional copies are available upon request.

Regulatory Approvals

<u>Section 404 Permit</u>: NCDOT requests that a Nationwide Permit 3 be issued to authorize the impacts resulting from this project in accordance with 23 CFR 771.115(b).

<u>Section 401 Permit</u>: We anticipate 401 Certification number 3687 will apply to this project. All general conditions of the Water Quality Certification will be met therefore, we are not

FAX: 919-212-5785

WEBSITE: WWW.NCDOT.ORG

TELEPHONE: 919-707-6100

requesting written approval from NCDWQ. In accordance with 15A NCAC 2H, Section .0500(a), we are providing two copies of this application to the NCDWQ for their review.

A copy of this permit application and its distribution list will be posted on the NCDOT website at http://www.ncdot.org/doh/preconstruct/pe/neu/permit.html

If you have any questions or need additional information, please call or email Dr. Lance P. Fontaine at 919-707-6118 or lpfontaine@ncdot.gov.

Sincerely.

V

Gregory J. Thorpe, Ph.D. Environmental Management Director Project Development and Environmental Analysis Branch

CC:

NCDOT Permit Application Standard Distribution List





Office Use Only:	
Corps action ID no	
DWQ project no	
Form Version 1.3 Dec 10 2008	

	Pre-Construction Notification (PCN) Form					
A. Ap	A. Applicant Information					
1. Pr	rocessing		<u></u>			
	/pe(s) of approval sought from to orps:	ne	⊠ Section 404	Permit	on 10 Permit	
1b. Sp	ecify Nationwide Permit (NWP)	number: 3	or	General Permit (GP) number:	
1c. Ha	as the N WP or GP number beer	n verified b	y the Corps?		☐ Yes	⊠ No
1d. Ty	ype(s) of approval sought from t	he DWQ (d	check all that app	oly):		
] 401 Water Quality Certification	n – Regula	r 🔲 N	on-404 Jurisdictiona	al General Permit	
	401 Water Quality Certification	n – Expres	s 🗆 R	iparıan Buffer Autho	orization	
	this notification solely for the re ecause written approval is not re		Certification:	only for DWQ 401	For the record of	only for Corps Permit:
			⊠ Yes	□ No	☐ Yes	⊠ No
1f. Is payment into a mitigation bank or in-lieu fee program proposed for mitigation of impacts? If so, attach the acceptance letter from mitigation bank or in-lieu fee program. ☐ No ☐ No ☐ No				□ No		
1 -	the project located in any of NC elow.	C's twenty	coastal counties.	If yes, answer 1h	☐ Yes	⊠ No
1h. Is	the project located within a NC	DCM Area	of Environmenta	al Concern (AEC)?	☐ Yes	⊠ No
2. P	roject Information					
2a. N	lame of project:	Replacen	nent of Bridge No	o. 150 over South Ri	ver Overflow on	SR 1502
2b. C	county [.]	Bladen				
2c. Ne	earest municipality / town:	Garland				
2d. S	Subdivision name:	not applic	cable			
	ICDOT only, T.I.P or state project no:	B-5116				
3. O	Owner Information					
3a. N	lame(s) on Recorded Deed:	North Ca	rolina Departmer	nt of Transportation		
	Deed Book and Page No.	not applic	cable			
	esponsible Party (for LLC if applicable):	not applic	cable			
3d. S	Street address:	1598 M ai	Service Center			
3e. C	City, state, zıp:	Raleigh,	NC 27699-1598			
3f. T	Telephone no	(919) 707	7-6118			
3g. F	ax no	(919) 212	2-5785			
3h. E	Email address:	Ipfontaine	e@ncdot.gov			

4.	Applicant Information (if different from owner)				
4a.	Applicant is:	☐ Agent	☐ Other, specify:		
4b.	Name:	not applicable			
4c.	Business name (if applicable):				
4d.	Street address:				
4e.	City, state, zıp:				
4f.	Telephone no				
4g.	Fax no				
4h.	Email address:				
5.	Agent/Consultant Information	n (if applicable)			
5a.	Name:	not applicable			
5b.	Business name (if applicable):				
5c.	Street address:				
5d.	City, state, zıp:				
5e.	. Telephone no				
5f.	Fax no				
5g	. Email address:				

B. F	B. Project Information and Prior Project History					
1.	Property Identification					
1a.	Property identification no. (tax PIN or parcel ID):	not applicable				
1b.	Site coordinates (in decimal degrees):	Latitude: 34.83 (DD.DDDI		Longitude: - 78.484826 (-DD.DDDDDD)		
1c. F	Property size:	1.6 acres				
2.	Surface Waters					
	Name of nearest body of water (stream, river, etc.) to proposed project:	South River				
2b.	Water Quality Classification of nearest receiving water:	C; Sw; ORW				
2c.	River basın:	Cape Fear				
3.	Project Description					
3a.	Describe the existing conditions on the site and the general lan application:					
	Existing conditions on site include maintained/disturbed, silvicular agricultural, cropland, animal operations, and pasture.	ılture, swamp, a	and woodland.	General land use is		
3b.	List the total estimated acreage of all existing wetlands on the	property:				
	0.60					
3с.	List the total estimated linear feet of all existing streams (interm 80	ittent and perer	nnial) on the pr	operty:		
3d.	Explain the purpose of the proposed project:					
	To replace a structurally deficient bridge.					
3e.	Describe the overall project in detail, including the type of equipment involves replacing a 169-foot bridge with a 193-foot detour. Standard road building equipment, such as trucks, doz River EMC) will be relocated to the right of way line, outside of powerlines will be required.	t, 4-span bridge ers, and cranes	e on the existing will be used.	Two power poles (South		
4.	Jurisdictional Determinations					
4a .	Have jurisdictional wetland or stream determinations by the Corps or State been requested or obtained for this property / project (including all prior phases) in the past? Comments:	⊠ Yes	□No	☐ Unknown		
4b.	If the Corps made the jurisdictional determination, what type of determination was made?	⊠ Preliminar	y 🗌 Final			
4c.	If yes, who delineated the jurisdictional areas? Name (if known): Fontaine	Agency/Cons Other:	ultant Compan	y: NCDOT		
4d.	If yes, list the dates of the Corps jurisdictional determinations of February 23, 2010.	or State determi	nations and at	tach documentation.		
5.	Project History					
5a.	Have permits or certifications been requested or obtained for this project (including all prior phases) in the past?	☐ Yes	⊠ No	Unknown		
5b.	If yes, explain in detail according to "help file" instructions.					
6.	Future Project Plans					
6a.	Is this a phased project?	☐ Yes	⊠ No			
6b.	. If yes, explain.					

C. Proposed Impa	acts Inventory					
1. Impacts Summa	ary					
1a. Which sections v	were completed be	elow for your project (check all that a	pply):		
Wetlands ■		Streams - tributaries	☐ But	• • • •		
Open Waters	F	ond Construction				
2. Wetland Impact	ts					
•		on the site, then com	plete this quest	ion for each wetland a	rea impacte	d
2a.	2b.	2c.	2d.	2e.	otion	2f.
Wetland impact number – Permanent (P) or Temporary (T)	Type of impact	Type of wetland (if known)	Forested	Type of jurisdi (Corps - 404, DWQ – non-404	10	Area of impact (acres)
Site 1 ⊠ P □ T	Roadway Fill	Riparian	⊠ Yes □ No	⊠ Corps □ DWQ		0.08
Site 2 ⊠ P □ T	Mechanized Clearing	Ripanan	⊠ Yes □ No	⊠ Corps □ DWQ		0.12
Site 3 P T			☐ Yes ☐ No	☐ Corps ☐ DWQ		
Site 4 P T			☐ Yes ☐ No	☐ Corps ☐ DWQ		
Site 5 P T			☐ Yes ☐ No	☐ Corps ☐ DWQ		
Site 6 P T			☐ Yes ☐ No	☐ Corps ☐ DWQ		
				2g. Total wetlar	nd impacts	0.20 Permanent 0.00 Temporary
2h. Comments: Imp	acts of piers to su	rface waters = +/- 35	sf. Hand clearin	g for overhead power	line utility = ().16 ac.
3. Stream Impact If there are perennia question for all strea	al or intermittent st		ing temporary ır	mpacts) proposed on t	he site, then	complete this
3a.	3b.	3c.	3d.	3e.	3f.	3g.
Stream impact number -	Type of impact	Stream name	Perennial (PER) or	Type of jurisdiction	Average stream	Impact length (linear feet)
Permanent (P) or Temporary (T)			intermittent (INT)?	(Corps - 404, 10 DWQ - non-404, other)	width (feet)	
Site 1 P T			☐ PER ☐ INT	☐ Corps ☐ DWQ		
Site 2 P T			☐ PER ☐ INT	☐ Corps ☐ DWQ		
Site 3 P T			☐ PER ☐ INT	☐ Corps ☐ DWQ		
Site 4 P T			☐ PER ☐ INT	☐ Corps ☐ DWQ		
Site 5 P T			PER INT	☐ Corps ☐ DWQ		
Site 6 P T			☐ PER☐ INT	☐ Corps ☐ DWQ		
			3h. T	otal stream and trib	utary impac	ts X Perm X Temp
3i. Comments:	3i. Comments:					

4. Open	Water Impacts								
	proposed impacts to lakes, en individually list all open w				es, sounds	s, the Atlantic	Ocean,	or any other op	en water of
4a.	4b.	4c.				4d.		4e.	
Open w		-	T	. af		\A/atarbad	. h.m.a	Area of m	nact (22722)
ımpact nu Permanen			ype	of impact		Waterbod	y type	Alea of IIII	pact (acres)
Tempora									
01 🗆 P	·□⊤								
02 🗆 P	т								
03 🔲 F	•□т		·						
04 □ F	' □T								
	4f. Total open water impacts X Permanent X Temporary								
4g. Comm	4g. Comments:								
5. Pond	or Lake Construction								
	lake construction proposed,	then compl	lete i	the chart h	elow				
5a.	5b.	5c.	0.0	aro oriare b	0.011.	5d.		· · · · · · · · · · · · · · · · · · ·	5e.
Pond ID	Proposed use or	Wetla	Vetland Impacts (acres)		Stream Impact		ts (feet)	Upland (acres)	
number	purpose of pond	Flooded	t	Filled	Excavat ed	Flooded	Filled	Excavated	Flooded
P1									
P2									
	5f. Total								
5g. Comm	nents:				-				
5h. Is a dam high hazard permit required?] Y	es	□ No	If yes, per	mit ID no	:	
5i. Expe	5i. Expected pond surface area (acres):								
5j. Size	of pond watershed (acres):								
5k. Metho	od of construction:								

6. Buffer Impacts (for DWQ)							
	If project will impact a protected riparian buffer, then complete the chart below. If yes, then individually list all buffer impacts below. If any impacts require mitigation, then you MUST fill out Section D of this form.						
6a.	6a. □ Neuse □ Tar-Pamlico □ Other:						
Project is in which	protected basin?		Catawba	Randleman			
6b.	6c.	6d.	6e.	6f.	6g.		
Buffer impact number – Permanent (P) or Temporary (T)	Reason for impact	Stream name	Buffer mitigation required?	Zone 1 impact (square feet)	Zone 2 impact (square feet)		
B1 □ P □ T			☐ Yes ☐ No				
B2 □ P □ T			☐ Yes ☐ No				
ВЗ 🗆 Р 🗆 Т			☐ Yes ☐ No				
	6h. Total buffer impacts						
6i. Comments:							

D.	D. Impact Justification and Mitigation					
1.	. Avoidance and Minimization					
	Specifically describe measures taken to avoid or minimize the	he proposed impacts ii	n designing project.			
	The proposed bridge is 24 feet longer than the existing bridge; the proposed bridge will be at approximately the same grade as the existing structure; an off site detour will be used, 2:1 fill slopes with rock plating where practicable; number of piers reduced from 9 to 3.					
1b.	Specifically describe measures taken to avoid or minimize t	he proposed impacts t	hrough construction techniques.			
	Sediment and erosion control measures will be employed; Design Standards in Sensitive Watersheds will be implemented; top-down construction; no deck drains; no temporary stream access required to remove existing bridge nor to construct the proposed bridge.					
2.	Compensatory Mitigation for Impacts to Waters of the U.S. or Waters of the State					
2a.	Does the project require Compensatory Mitigation for impacts to Waters of the U.S. or Waters of the State?	⊠ Yes □ No				
2b.	If yes, mitigation is required by (check all that apply):	□ DWQ ⊠ Co	rps			
2c.	If yes, which mitigat ion option will be used for this project?	 ☐ Mitigation bank ☑ Payment to ın-lieu fee program ☐ Permittee Responsible Mitigation 				
3.	Complete if Using a Mitigation Bank					
3a	. Name of Mitigation Bank: not applicable					
3b	. Credits Purchased (attach receipt and letter)	Туре	Quantity			
3с	. Comments:					
4.	Complete if Making a Payment to In-lieu Fee Program					
4a	. Approval letter from ın-lieu fee program ıs attached.	⊠ Yes				
4b	. Stream mitigation requested:	0 linear feet				
4c	. If using stream mitigation, stream temperature:	☐ warm ☐ cool ☐ cold				
4d	. Buffer mitigation requested (DWQ only):	0 square feet				
4e	. Riparıan wetland mitigation requested:	0.40 acres				
4f.	Non-riparian wetland mitigation requested:	0 acres				
4g	. Coastal (tidal) wetland mitigation requested:	0 acres				
4h	. Comments: NC EEP will provide riparian wetland mitigation	·				
5.	Complete if Using a Permittee Responsible Mitigation I	Plan				
5a	5a. If using a permittee responsible mitigation plan, provide a description of the proposed mitigation plan.					

6. Buffer	Buffer Mitigation (State Regulated Riparian Buffer Rules) – required by DWQ							
	Sa. Will the project result in an impact within a protected riparian buffer that requires							
	6b. If yes, then identify the square feet of impact to each zone of the riparian buffer that requires mitigation. Calculate the amount of mitigation required.							
Zone	6c. Reason for impact	6d. Total impact (square feet)	Multiplier	6e. Required mitigation (square feet)				
Zone 1			3 (2 for Catawba)					
Zone 2			1.5					
		6f. Total buffer	mitigation required:					
6g. If buffer mitigation is required, discuss what type of mitigation is proposed (e.g., payment to private mitigation bank, permittee responsible riparian buffer restoration, payment into an approved in-lieu fee fund).								
6h. Comm	6h. Comments:							

E.	Stormwater Management and Diffuse Flow Plan (required by DWQ)					
1.	Diffuse Flow Plan					
1a.	Does the project include or is it adjacent to protected riparian buffers identified within one of the NC Riparian Buffer Protection Rules?	☐ Yes	⊠ No			
1b.	If yes, then is a diffuse flow plan included? If no, explain why.	☐ Yes	□ No			
	Comments: if yes, see attached permit drawings.	☐ res				
2.	Stormwater Management Plan					
2a	What is the overall percent imperviousness of this project?	N/A				
2b	Does this project require a Stormwater Management Plan?	⊠ Yes	□ No			
2c	If this project DOES NOT require a Stormwater Management Plan, explain why:					
2d	2d. If this project DOES require a Stormwater Management Plan, then provide a brief, narrative description of the plan: See attached permit drawings.					
2e	. Who will be responsible for the review of the Stormwater Management Plan?		cal Government water Program Init			
3.	Certified Local Government Stormwater Review					
3а	. In which local government's jurisdiction is this project?	not applicable				
3b	Which of the following locally-implemented stormwater management programs apply (check all that apply):	☐ Phase II ☐ NSW ☐ USMP ☐ Water Supp ☐ Other	oly Watershed			
3с	. Has the approved Stormwater Management Plan with proof of approval been attached?	☐ Yes	□No			
4.	DWQ Stormwater Program Review					
48	a. Which of the following state-implemented stormwater management programs apply (check all that apply):	☐ Coastal co ☐ HQW ☑ ORW ☐ Session L ☐ Other:	unties aw 2006-246			
41	Has the approved Stormwater Management Plan with proof of approval been attached?	☐ Yes	⊠ No			
5.	DWQ 401 Unit Stormwater Review					
5	a. Does the Stormwater Management Plan meet the appropriate requirements?	⊠ Yes	□No			
51	b. Have all of the 401 Unit submittal requirements been met?	⊠ Yes	□No			

F.	Supplementary Information				
1.	Environmental Documentation (DWQ Requirement)				
1a.	Does the project involve an expenditure of public (federal/state/local) funds or the use of public (federal/state) land?	⊠ Yes	□No		
1b.	If you answered "yes" to the above, does the project require preparation of an environmental document pursuant to the requirements of the National or State (North Carolina) Environmental Policy Act (NEPA/SEPA)?	⊠ Yes	□No		
1c.	If you answered "yes" to the above, has the document review been finalized by the State Clearing House? (If so, attach a copy of the NEPA or SEPA final approval letter.)	⊠ Yes	□No		
	Comments:				
2.	Violations (DWQ Requirement)				
2a.	Is the site in violation of DWQ Wetland Rules (15A NCAC 2H .0500), Isolated Wetland Rules (15A NCAC 2H 1300), DWQ Surface Water or Wetland Standards, or Riparian Buffer Rules (15A NCAC 2B .0200)?	☐ Yes	⊠ No		
2b	Is this an after-the-fact permit application?	☐ Yes	⊠ No		
2c.	If you answered "yes" to one or both of the above questions, provide an explanation of	of the violation(s)	:		
3.	Cumulative Impacts (DWQ Requirement)				
3a	. Will this project (based on past and reasonably anticipated future impacts) result in	☐ Yes			
:	additional development, which could impact nearby downstream water quality?	⊠ No			
3b	. If you answered "yes" to the above, submit a qualitative or quantitative cumulative im most recent DWQ policy. If you answered "no," provide a short narrative description.	pact analysis in a	accordance with the		
	Due to the minimal transportation impact resulting from this bridge replacement, this project will neither influence nearby land uses nor stimulate growth. Therefore, a detailed indirect or cumulative effects study will not be necessary.				
4.	Sewage Disposal (DWQ Requirement)				
4a	. Clearly detail the ultimate treatment methods and disposition (non-discharge or discharge the proposed project, or available capacity of the subject facility	arge) of wastewa	ter generated from		
	not applicable				

5.	Endangered Species and Designated	Critical Habitat (Corps Requirement)				
5a.	Will this project occur in or near an area habitat?	with federally protected species or	⊠ Yes [□ No			
5b.	Have you checked with the USFWS cor impacts?	ncerning Endangered Species Act	⊠ Yes [□ No			
5c.	If yes, ınd ıcate the USFWS Field Office	you have contacted.	☑ Raleigh☐ Asheville				
5d.	I. What data sources did you use to determine whether your site would impact Endangered Species or Designated Critical Habitat?						
	NCNHP, USFWS, field surveys.			and the second s			
6.	Essential Fish Habitat (Corps Requir	ement)					
6a.	a. Will this project occur in or near an area designated as essential fish habitat?						
6b.	. What data sources did you use to deter	mine whether your site would impact E	ssential Fish Habitat?				
	NMFS County Index						
7.	Historic or Prehistoric Cultural Reso	urces (Corps Requirement)					
7a	. Will this project occur in or near an area governments have designated as having status (e.g., National Historic Trust des North Carolina history and archaeology	ng historic or cultural preservation signation or properties significant in	☐ Yes	⊠ No			
7b	. What data sources did you use to dete	rmine whether your site would impact h	istoric or archeological re	esources?			
	NEPA Documentation						
8.	Flood Zone Designation (Corps Requi	irement)					
88	a. Will this project occur in a FEMA-design	nated 100-year floodplain?	⊠ Yes	□ No			
8b	o. If yes, explain how project meets FEM/	A requirements: NCDOT Hydraulics Uni	t coordination with FEMA	4			
80	8c. What source(s) did you use to make the floodplain determination? FEMA Maps						
	Dr. Gregory J. Thorpe, Ph D Applicant/Agent's Printed Name (Agent's signature is valid only if an authorization letter from the applicant is provided.)						

ATTACHMENT

MAR 08 2010

PRELIMINARY JURISDICTIONAL DETERMINATION FORM

REG. WILM. FLD. OFC.

BACKGROUND INFORMATION

- A. REPORT COMPLETION DATE FOR PRELIMINARY JURISDICTIONAL DETERMINATION (JD): February 23, 2010
- B. NAME AND ADDRESS OF PERSON REQUESTING PRELIMINARY JD: Lance P. Fontaine, Ph.D., NCDOT NEU, 1598 Mail Service Center, Raleigh, NC 27699-1598
- C. DISTRICT OFFICE, FILE NAME, AND NUMBER: SAW-2010-00123 (NCDOT/ B-5116/ replace bridge no. 150 over South River on Boykin Bridge Road (SR 1502) in Bladen County/ Div. 6)
- D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION: B-5116
 Replace Bridge No. 150 over South River Overflow on SR 1502

(USE THE ATTACHED TABLE TO DOCUMENT MULTIPLE WATERBODIES AT DIFFERENT SITES)

State: NC County/parish/borough: Bladen City: North-west of Garland Center coordinates of site (lat/long in degree decimal format): Lat. 34.834816 ° N, Long. -78.48473 ° W. Universal Transverse Mercator: Name of nearest waterbody: South River

Identify (estimate) amount of waters in the review area:

Non-wetland waters: 130 linear feet: 70 width (ft) and/or ___acres.

Cowardin Class: Riverine Stream Flow: Perennial Wetlands: 2.4 acre

Cowardin Class: Forested

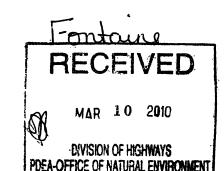
Name of any water bodies on the site that have been identified as Section 10 waters:

Tidal: N/A Non-Tidal: N/A

E.	REVIEW PERFORMED FOR SITE EVALUATION (CHECK AI	_L THAT
APPL		

Office	(Desk)) Deter	mınation.	Date:
 	_ `			_

\boxtimes	Field	Determination.	Date(s): January	20, 2010
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- 1. The Corps of Engineers believes that there may be jurisdictional waters of the United States on the subject site, and the permit applicant or other affected party who requested this preliminary JD is hereby advised of his or her option to request and obtain an approved jurisdictional determination (JD) for that site. Nevertheless, the permit applicant or other person who requested this preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.
- 2. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an approved JD for the activity, the permit applicant is hereby made aware of the following: (1) the permit applicant has elected to seek a permit authorization based on a preliminary JD, which does not make an official determination of jurisdictional waters; (2) that the applicant has the option to request an approved JD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an approved JD could possibly result in less compensatory mitigation being required or different special conditions; (3) that the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) that the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) that undertaking any activity in reliance upon the subject permit authorization without requesting an approved JD constitutes the applicant's acceptance of the use of the preliminary JD, but that either form of JD will be processed as soon as is practicable; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a preliminary JD constitutes agreement that all wetlands and other water bodies on the site affected in any way by that activity are jurisdictional waters of the United States, and precludes any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an approved JD or a preliminary JD, that JD will be processed as soon as is practicable. Further, an approved JD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331, and that in any administrative appeal, jurisdictional issues can be raised (see 33 C.F.R. 331.5(a)(2)). If, during that administrative appeal, it becomes necessary to make an official determination whether CWA jurisdiction exists over a site, or to provide an official delineation of jurisdictional waters on the site, the Corps will provide an approved JD to accomplish that result, as soon as is practicable. This preliminary JD finds that there "may be" waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for pre	ilminary JD (cneck all that apply
- checked items should be included in case	file and, where checked and
requested, appropriately reference sources	below):
Maps, plans, plots or plat submitted by c	or on behalf of the
applicant/consultant: NCDOT.	
Data sheets prepared/submitted by or o	n behalf of the
applicant/consultant.	
Office concurs with data sheets/delin	eation report.
Office does not concur with data she	
Data sheets prepared by the Corps: .	·
Corps navigable waters' study: .	
U.S. Geological Survey Hydrologic Atlas	•
USGS NHD data.	
USGS 8 and 12 digit HUC maps.	
☑ U.S. Geological Survey map(s). Cite sca	ale & guad name: Garland
USDA Natural Resources Conservation	
Bladen County.	Corvide Con Curvey. Chanon
☐ National wetlands inventory map(s). Cit	re name·
State/Local wetland inventory map(s):	is name.
FEMA/FIRM maps: .	•
100-year Floodplain Elevation is: (Nat	ional Goodoctic Vertical Datum of
1929)	ional deodectic vertical Datum of
☐ Photographs: ☐ Aerial (Name & Date):	Figure 2 (Sampson County
SID_2002).	rigule 3 (Sampson County
or ⊠ Other (Name & Date): Fig	uro 1 Project Vicinity Man
Previous determination(s). File no. and	tate of response letter
Other information (please specify): .	
IMPORTANT NOTE: The information record	ad on this form has not
necessarily been verified by the Corps and	
later jurisdictional determinations.	O CONTROL OF THE PROPERTY OF T
B. last S. Jack	
Danies / 121 3/9/10	1/103 March 2010
Signature and date of	Signature and date of
Regulatory Project Manager	person requesting preliminary JD
(REQUIRED) / /	(REQUIRED, unless obtaining
	the signature is impracticable)
	• • • • • • • • • • • • • • • • • • •



March 1, 2011

Mr. Gregory J. Thorpe, Ph.D.
Manager, Project Development and Environmental Analysis Branch
North Carolina Department of Transportation
1548 Mail Service Center
Raleigh, North Carolina 27699-1548

Dear Dr. Thorpe:

Subject: EEP Mitigation Acceptance Letter:

B-5116, Replace Bridge Number 150 on SR 1502 over the South River Overflow Winton, Bladen County

The purpose of this letter is to notify you that the Ecosystem Enhancement Program (EEP) will provide the compensatory riparian wetland mitigation for the subject project. Based on the information supplied by you on March 1, 2011, the impacts are located in CU 03030006 of the Cape Fear River Basin in the Southern Inner Coastal Plain (NOCP) Eco-Region, and are as follows:

Cape Fear		Stream			Wetlands		Buffer ((Sq. Ft.)
03030006 SICP	Cold	Cool	Warm	Riparian	Non- Riparıan	Coastal Marsh	Zone 1	Zone 2
Impacts (feet/acres)	0	0	0	0.20	0	0	0	0
Mitigation Units (Credits-up to 2:1)	0	0	0	0.40	0	0	0	0

EEP commits to implementing sufficient compensatory riparian wetland mitigation credits to offset the impacts associated with this project in accordance with the N.C. Department of Environment and Natural Resources' Ecosystem Enhancement Program In-Lieu Fee Instrument dated July 28, 2010. If the above referenced impact amounts are revised, then this mitigation acceptance letter will no longer be valid and a new mitigation acceptance letter will be required from EEP.

If you have any questions or need additional information, please contact Ms. Beth Harmon at 919-715-1929.

Sincerely

William D. Gilmore, P.E.

EEP Director

Mr. Ronnie Smith, USACE - Wilmington Regulatory Field Office

Mr. Brian Wrenn, Division of Water Quality, Wetlands/401 Unit

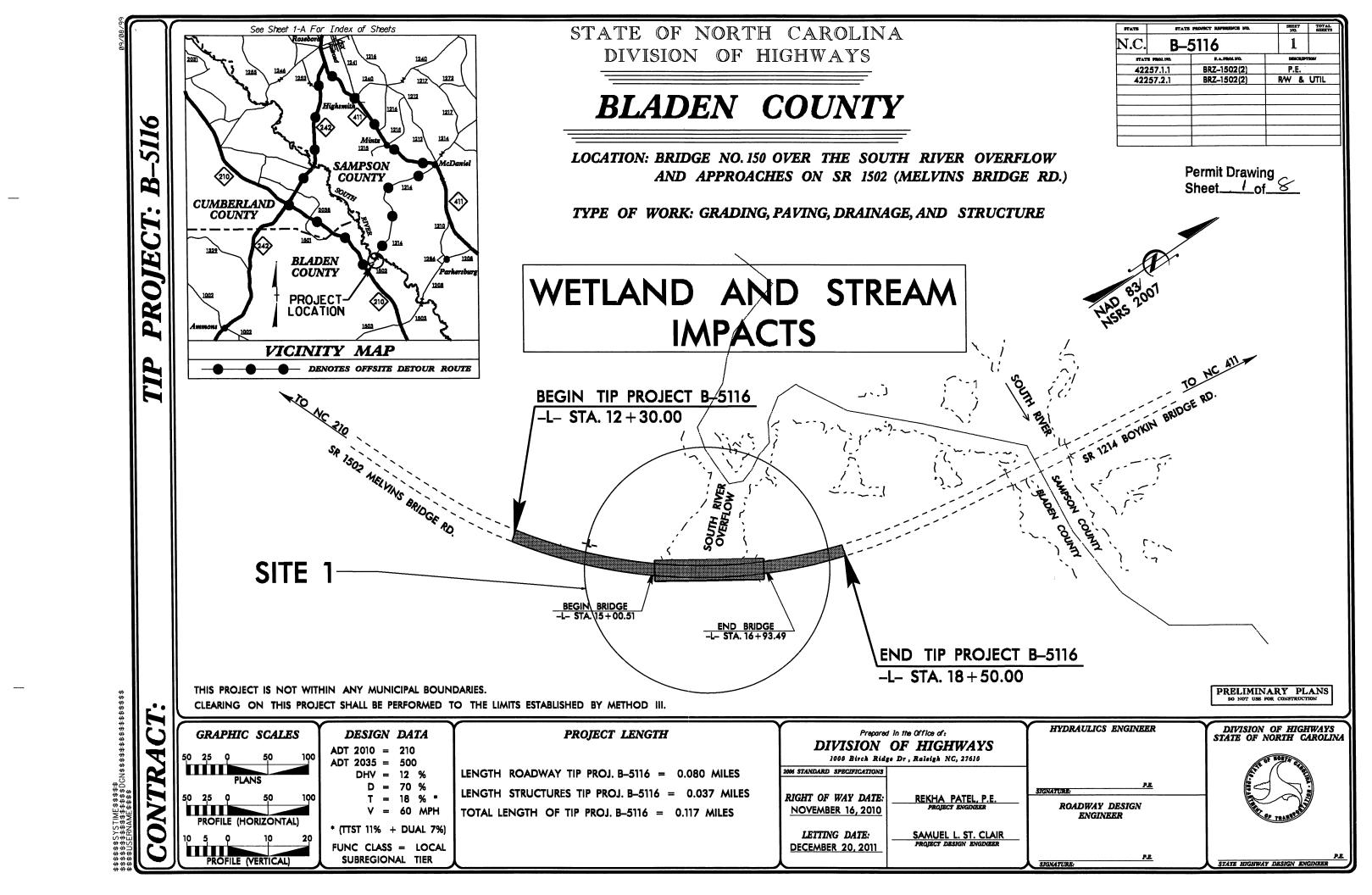
File: B-5116

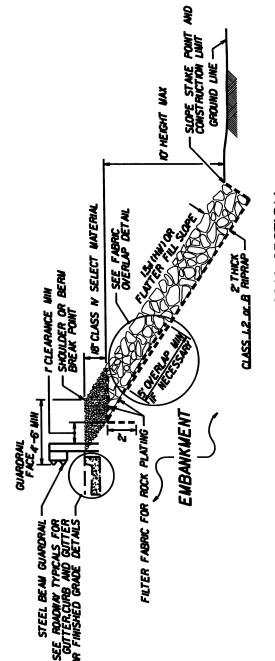
cc:



Highway Stormwator		North Carolina Department of Trans Highway Stormwater Progra	North Carolina Department of Transportation Highway Stormwater Program STORMWATER MANAGEMENT PLAN		Version I.	
					Page	of
		General Proj	General Project Information			
Project No.:	B-5116				10/11/2010	
City/Town:	Garland, NC		Designer:		Michael Kelly, TE-I	
County(les):	Bladen County		Project Manager:		Galen Call, PE	
River Basin(s):	Cape Fear		CAMA County?		TVA County?	3
Primary Receiving Water:		South River	NCDWQ Stream Index:		C.Sw.ORW	
NCDWQ Surface Water Classification for Primary Receiving Water	imary Receiving Water	ı	©lass C			
	:		Swamp Waters (Sw)			
Other Stream Classification:						
303(d) Stream?	3	Type(s) of Impairment:				
State Stormwater Permit Required?		If yes, why?	Outstanding Resource Waters (ORW)	aters (ORW)		
Could the Project Impact Threatened or Endangered Species?	langered Species?	40.0	8	# P.		
Description:						
Anadromous Fish Present?	3					
Description					a.	
Buffer Rules in Effect?	3		Buffer Rules:			
			Existing Site	mano.		
Description of Existing Project Area:	Two Lane SR 150	Two Lane SR 1502 (Melvins Bridge Rd.)				
Average Daily Traffic (existing):	25					
Existing Cross Section:	10 Travel Lanes	10' Travel Lanes, +/- 10' Grass Shoulders				
Surrounding Land Use:	Swamp, Wooded					
General Comments:						
		Project [Project Description			
Description of Proposed Project:	Replacement of B	Replacement of Bridge #150 on SR 1502 over South River Overflow	outh River Overflow			
Average Daily Traffic (proposed):	500 (2035)					
Proposed Cross-Section:	11' Travel Lames,	11' Travel Lanes, 4' to 13' Grass Shoulders, 2.1 Side Slopes	Side Slopes			
Interchange Modification:	3		Modian Type:	70 Te		
Terminus:	5					
Terminus:	\$					
Project Length (lin. miles/feet):	3		0.117mi Added Impervious Area (ac.): 0.06	lac):		
General Comments:	TB2GI/15 PIPE @ Used 2:1 side slo	pes w/Rock Plating to minimize	TB2GI/15"PIPE @ Sta. 17+13-L- LT: Q10= 1 09cts, V10= 12.4ft/s @ pipe outlet, V10= 0.07ft/s @ end of Used 2:1 side slopes w/Rock Plating to minimize wetland impacts. Number of piers reduced from 9 to 3.		Ş	
				t, V10= 0.07t/s @ ena or lers reduced from 9 to 3.		
				t, V10= 0.07t/s @ end or iers reduced from 9 to 3.		
				ers reduced from 9 to 3.	er en	

General Comments: Highway Stormwater Station 14+54-L-South River Overflow Stream Name Stream Perennial Riparian Buffer and Jurisdictional Stream Impacts and Associated SCMs Jurisdict. Stream RPW North Carolina Department of Transportation Buffer? Highway Stormwater Program STORMWATER MANAGEMENT PLAN 중 Environmental Summary Classific-ation? Class C Proposed Structure 2@50',1@40',1@50' 21" Cored Slab Checklist | Complete? 8 Version I.I yes DA (ac.) Page ₹. p (ft³/s) <u>Q</u> ₹.0

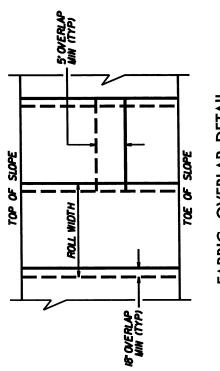




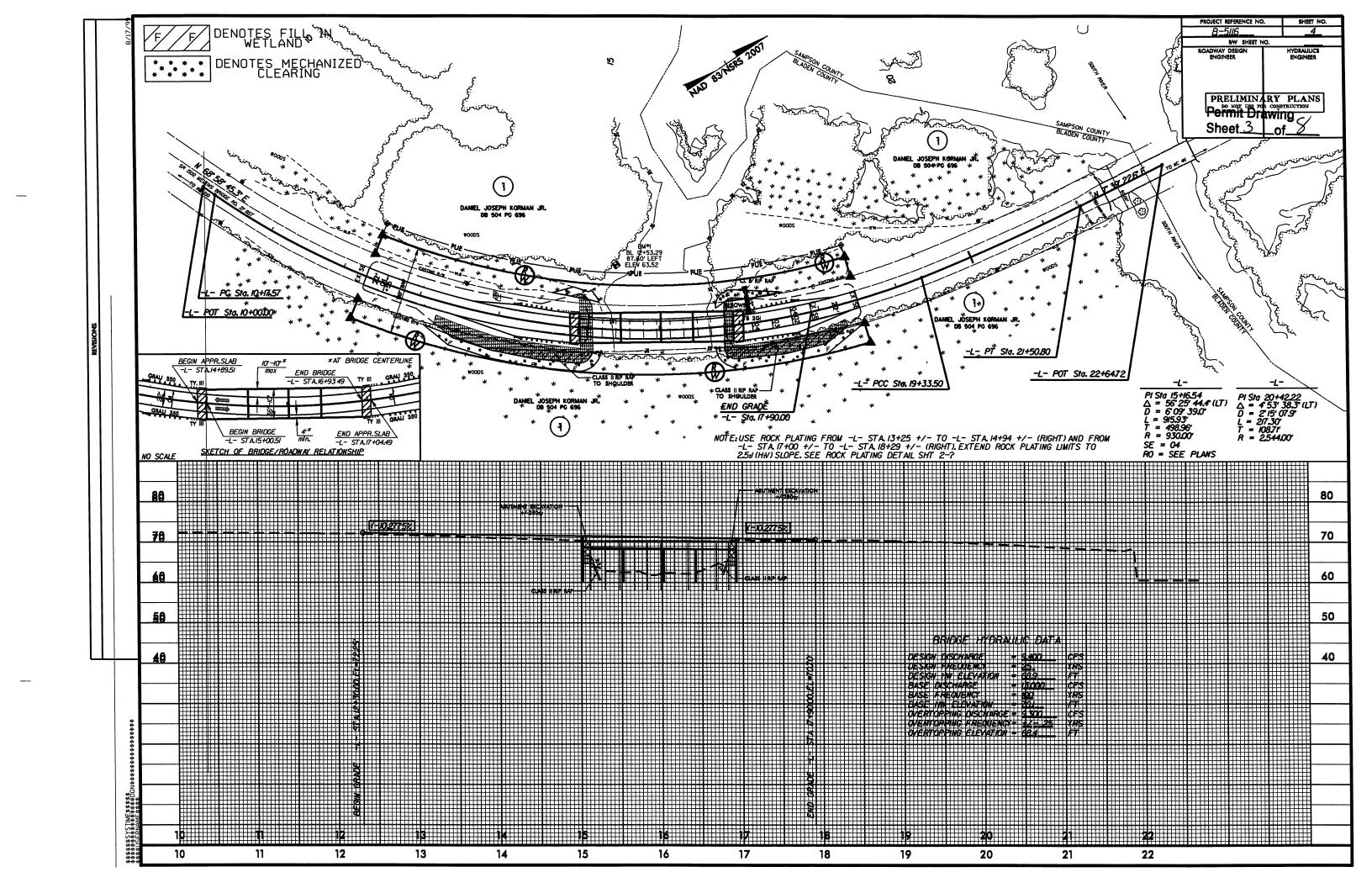
ROCK PLATING DETAIL NO. 1 - TYPICAL SECTION

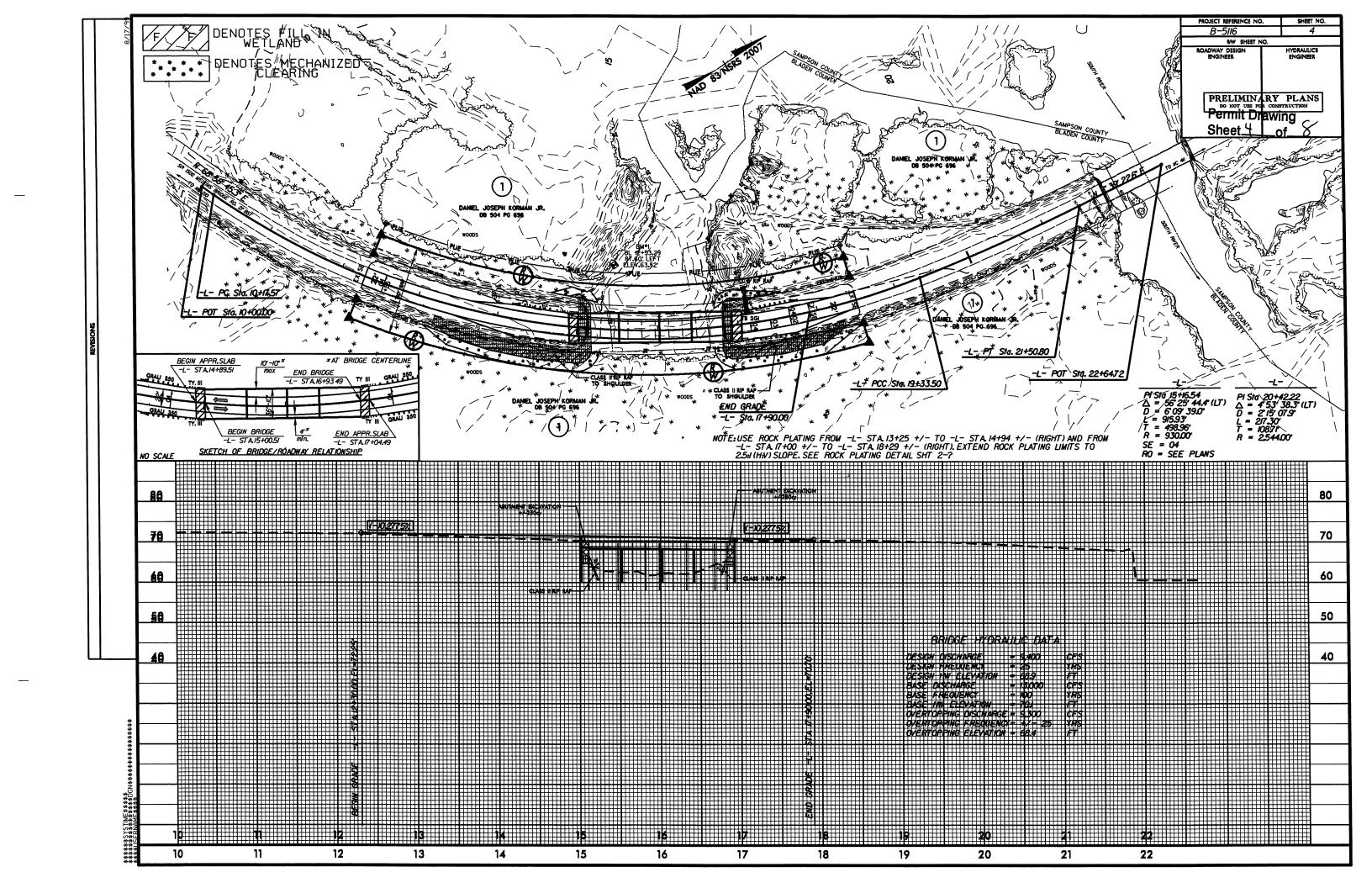
USE ROCK PLATING DETAIL NO. 1 AT THE FOLLOWING LOCATIONS:

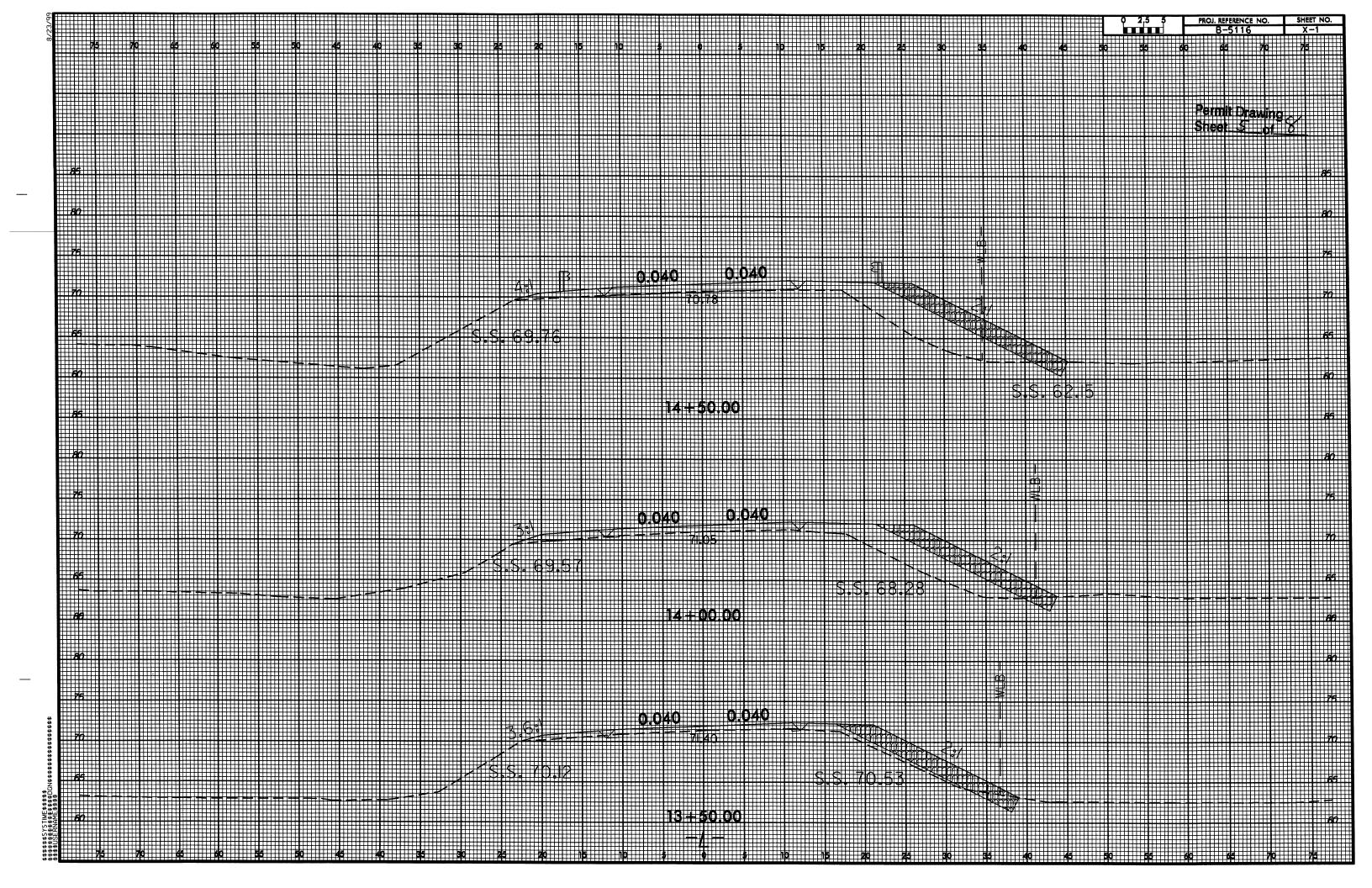
–L– STA. $13+25\pm$ RT. TO –L– STA. $14+94\pm$ RT. –L– STA. $17+00\pm$ RT. TO –L– STA. $18+29\pm$ RT. EXTEND ROCK PLATING LIMITS TO 2.5:1 (H:V) SLOPES.

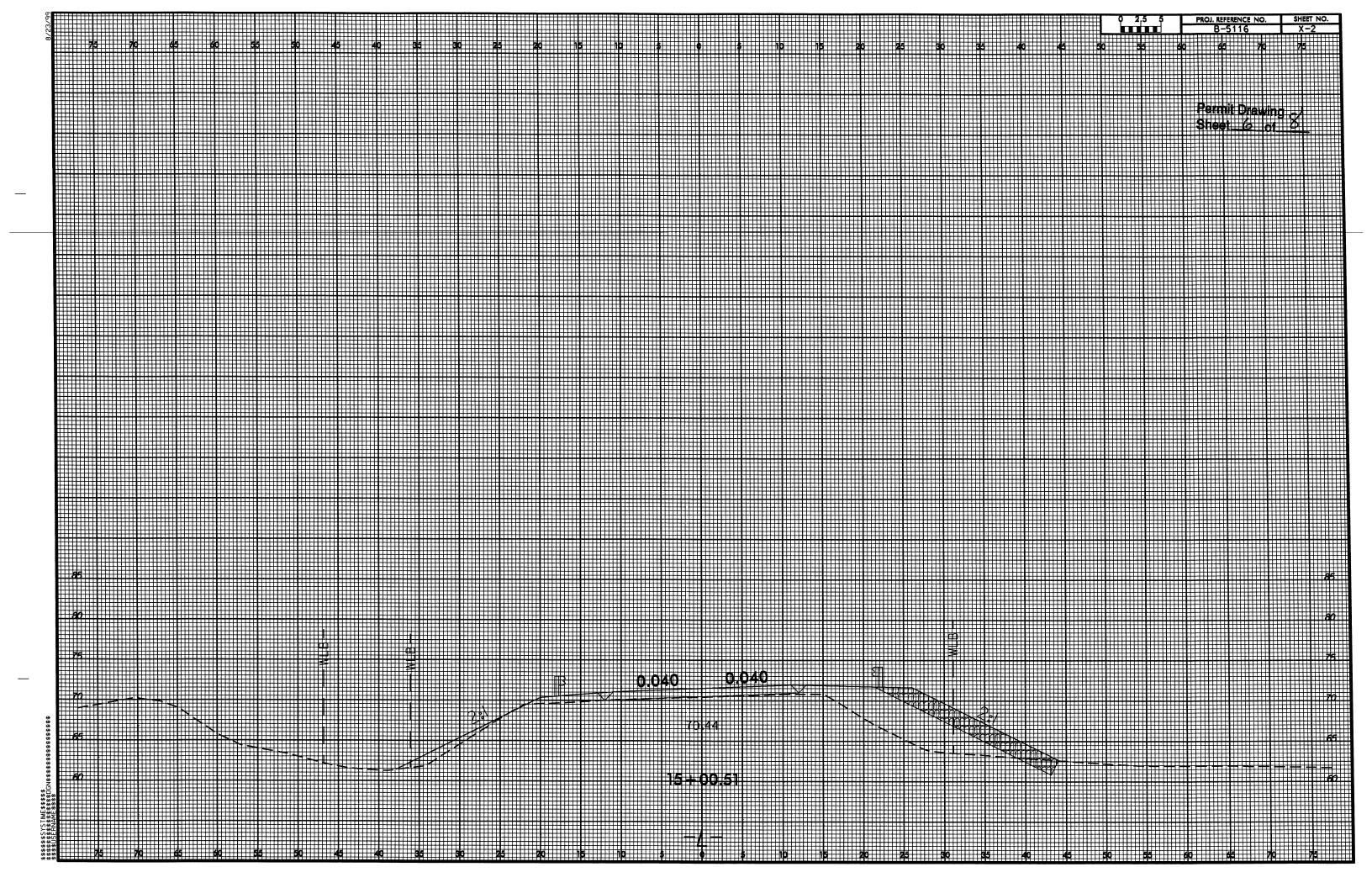


FABRIC OVERLAP DETAIL (PLAN VIEW)









PROPERTY OWNERS

NAMES AND ADDRESSES

PARCEL NO.

NAMES

ADDRESSES

1

Daniel Joseph Korman, Jr.

7002 Wrightsville Avenue Wilmington, NC 28403

Permit Drawing Sheet 7 of 8

NCDOT

DIVISION OF HIGHWAYS

BLADEN COUNTY

PROJECT: 42257.1.1 (B-5116)

REPLACEMENT OF SOUTH RIVER

OVERFLOW BRIDGE #150 ON SR 1502

OVER SOUTH RIVER

SHEET

OF

1/2011

					WE	WETLAND PERMIT IMPACT SUMMARY	RMIT IMPA	CT SUMMA	ıRY			
				WET	WETLAND IMPACTS	CTS			SURFACE	SURFACE WATER IMPACTS	PACTS	
						٠	Hand	,	ŀ	Existing	Existing	Not told
			Permanent	Temp	Excavation	Excavation Mechanized	ರ	Permanent	dwei	Channel	Impacts	Stream
Site	Station	Structure	<u>⊆</u>	Fill In	UI V	Clearing in Motordo	III Sprote	ovv impacts	impacte	Permanent		Design
§	(From/To)	Size / Iype	wetiands (ac)	wettands (ac)	(ac)	iii wetiaiius (ac)		(ac)	(ac)	(£)		Œ
-	13+13-L-RT	Roadway Fill	0.03			0.05						
	15+29-L-RT											
-	14+63-L-LT	Roadway Fill	<0.01			0.01						
	15+24-L-LT											
-	16+68-L-RT	Roadway Fill	0.05			0.05						
	18+54-L-RT											
-	16+72-L-LT	Roadway Fill	<0.01			0.01						
	17+59-L-LT											
TOTALS	S.		90.0			0.12						

NC DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

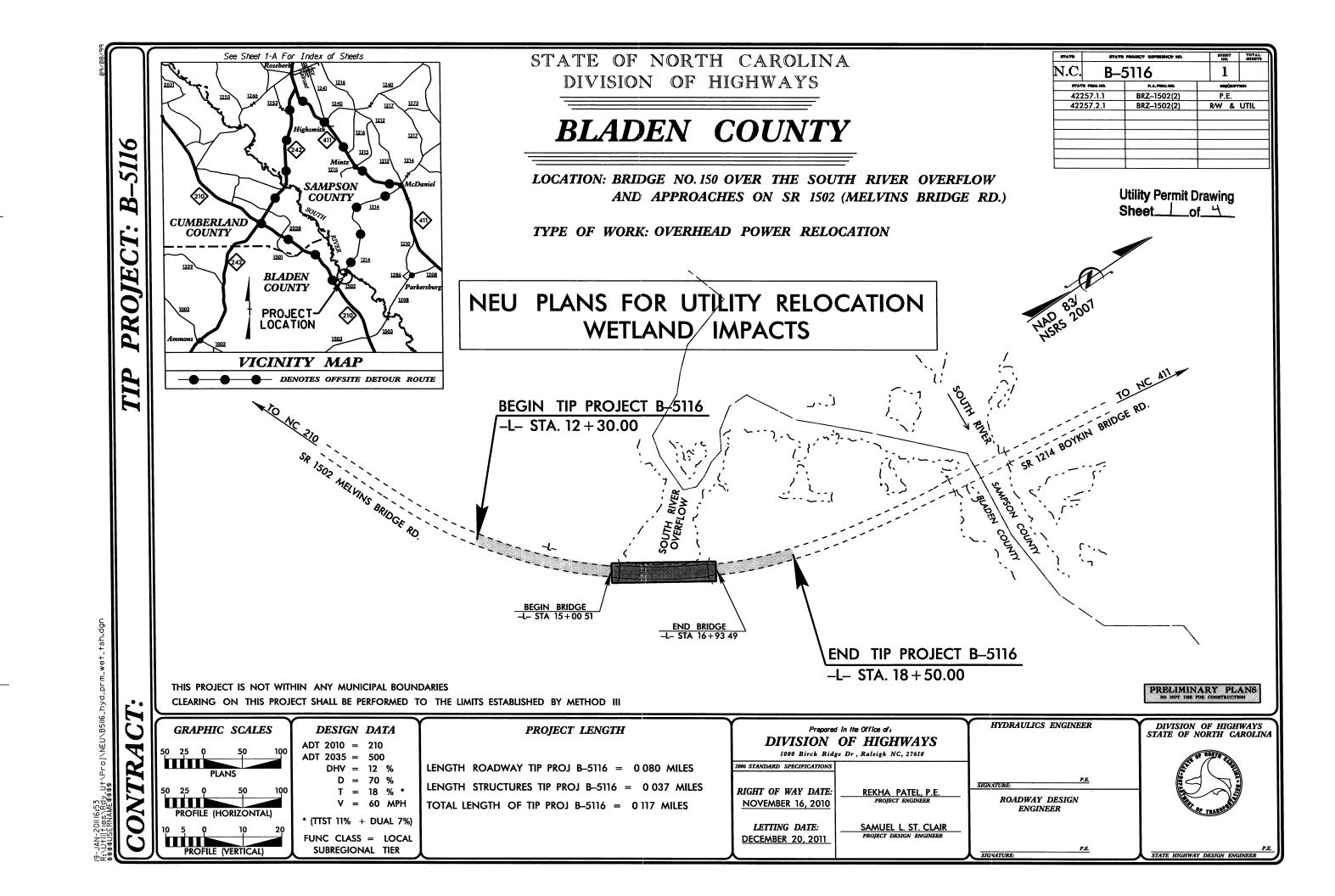
BLADEN COUNTY WBS - 42257 1 1 (B-5116)

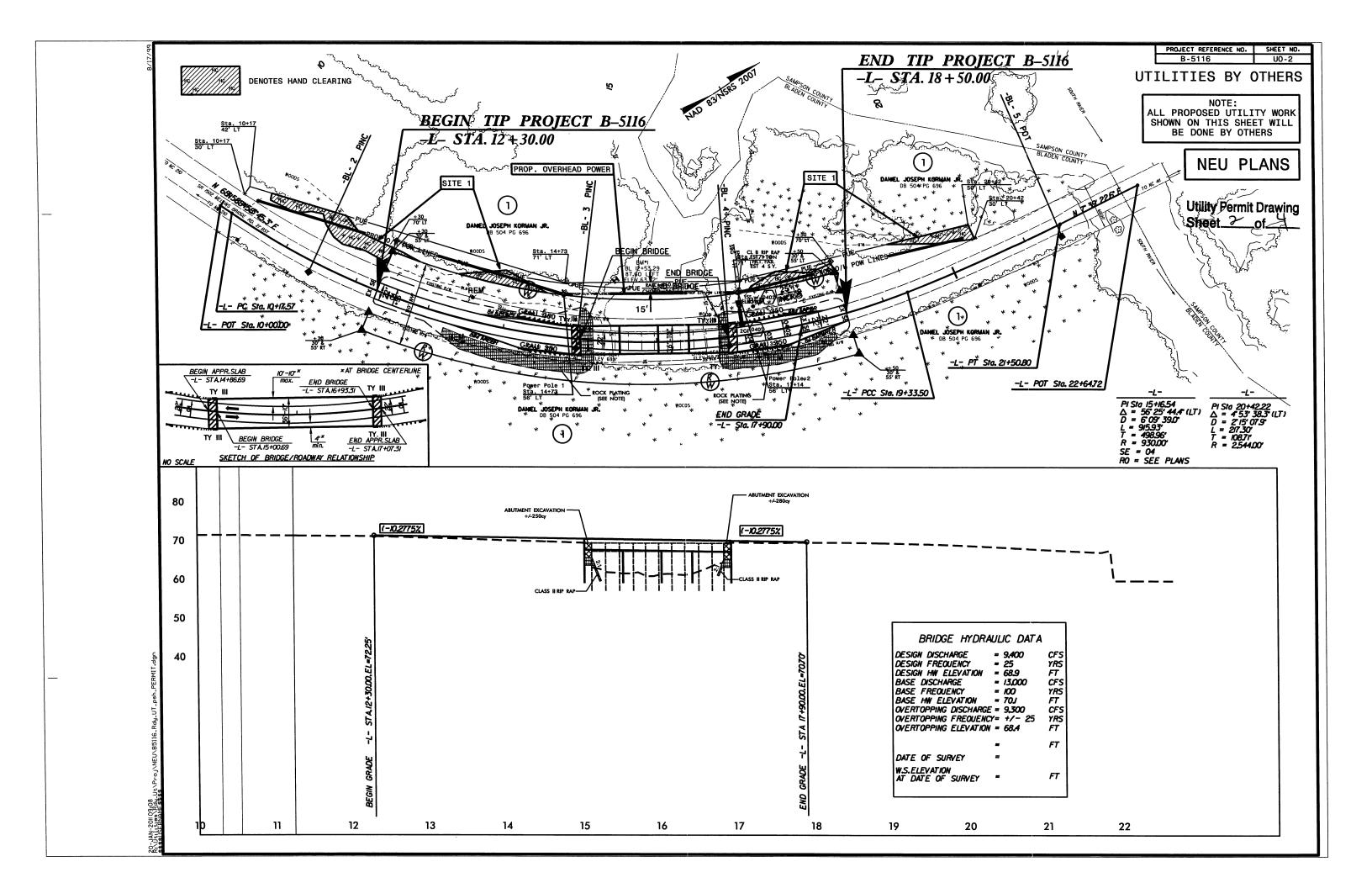
2/9/2011

Permit Drawing Sheet Sof S

ATN Revised 3/31/05

Impacts of piers to surface waters= +/- 35 sf





B-5116 Bladen County

Utility Relocation Environmental Permit

South River EMC has two power poles located on the North side of the Bridge that are in conflict with construction. The contact for South River EMC is Mr. Scott Byrd. He can be reached at 910-892-8071 (office) or 919-820-1814 (cell). To resolve this issue, the power poles will be relocated to the Right of Way line, outside of the Wetland Boundary, on the North side. Hand clearing for overhead powerlines will be required.

			WET	WETLAND IMPACTS	CTS	ND IMPACTS SURF		SURFACE	SURFACE WATER IMPACTS	PACTS	
						-			Existing	Existing	lot-
	1	Permanent	Temp	Excavation	Excavation Mechanized	Clearing	Permanent SW	emp SW	Channel	Impacts	Stream
Station (From/To)	Size / Type	Wetlands	Wetlands	Wetlands	in Wetlands	>	impacts	impacts	Permanent		Design
	•	(ac)	(ac)	(ac)	(ac)	ì	(ac)	(ac)	Œ	E	E
10+50-L-LT						0.07					
12+71-L-LT											
						0.03					
14+50-L-LT											
17+27-L-LT						0.03					
18+55-L-LT											
19+31-L-LT						0.03					
17+59-L-LT											
						0.16					

NC DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

BLADEN COUNTY WBS - 42257 1 1 (B-5116)

Utility Permit Drawing Sheet 4 of 4

