



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

September 18, 2020

U.S. Army Corps of Engineers  
Wilmington Regulatory Field Office  
69 Darlington Avenue  
Wilmington, NC 28403

Attn: Mr. Brad Shaver  
NCDOT Coordinator

Subject: **NWP 3 PCN** for Bridge No. 348 on SR 1703 over Beaverdam Creek in Sampson County.  
**USACOE Action Id. No. SAW-2018-02240**, TIP BR-0122, WBS Element 67122.1.1

Dear Mr. Shaver:

The North Carolina Department of Transportation (NCDOT) is preparing to replace the subject bridge. It was anticipated that this project could be performed with authorization under NWP 3 with no written authorization required, and you confirmed the applicability of NWP 3 for this project on October 1, 2019. However, due to the recent listing of wood stork in Sampson County by the U.S. Fish and Wildlife Service, and uncertainty over the bird's distribution in this county, the effect call by USFWS now requires us to obtain written approval. The following information is supplied to meet the requirements of the NWP 3 notification.

**Project description (Item 4)**

The purpose of this project is to replace Sampson County Bridge No. 348 on SR 1703 over Beaverdam Creek. The proposed bridge will have two 11' lanes with variable paved shoulders up to 4.4'. The existing bridge is being replaced due to its age and deteriorated condition. Traffic will be detoured offsite during construction. The project's potential impacts were evaluated in a Categorical Exclusion Action Form completed in July 2019.

The current plans show 0.02 acre of wetland impacts from fill and 0.05 acre of mechanized land clearing, totaling 0.07 acre of permanent impacts to wetlands. A copy of the project permit drawings is attached.

**Delineation (Item 5)**

The project was delineated in October 2018 during preparation of a Natural Resources Technical Report completed in May 2019. You reviewed the wetland limits during a site visit on May 8, 2019 with Mason Herndon and Joanne Steenhuis, issuing a PJD on May 22, 2019.

**Mitigation (Item 6)**

Impacts for the project are minimal, and compensatory mitigation is not proposed.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
ENVIRONMENTAL ANALYSIS UNIT  
1598 MAIL SERVICE CENTER  
RALEIGH NC 27699-1598

TELEPHONE: 919-707-6000  
FAX: 919-212-5785  
WEBSITE: [NCDOT.GOV](http://NCDOT.GOV)

**LOCATION:**  
CENTURY CENTER, BUILDING A  
1000 BIRCH RIDGE DRIVE  
RALEIGH NC, 27610-4328

**Protected Species (Item 7)**

Preparation of the CE document in 2019 addressed potential impacts on Federally protected species. However, the wood stork was added to the list for Sampson County earlier this year. Coordination with the USFWS indicates that the project May Affect, but is Not Likely to Adversely Affect the wood stork. Email correspondence is attached.

**Historic Properties (Item 8)**

Preparation of the CE document in 2019 addressed potential impacts on historic properties, with no adverse impacts anticipated.

Items 9 and 10 on the PCN list, Wild and Scenic Rivers and Corps civil works projects, are not applicable to this project.

**REGULATORY APPROVALS**

**Section 404:** NCDOT requests written approval for NWP 3 as required for the above described activities.

**Section 401:** Written approval for these activities is not required from the N.C. Division of Water Resources.

A copy of the permit application and its distribution list will be posted at <https://xfer.services.ncdot.gov/pdea/PermApps/>.

We appreciate your assistance to meet the project letting scheduled for January 19, 2021. If you have any questions or need additional information, please contact Gordon Cashin at [gcashin@ncdot.gov](mailto:gcashin@ncdot.gov) or 919-707-6107.

Sincerely,

DocuSigned by:

*Mack C. Rivenbark III*

AAAD1248B309416...

for

Philip S. Harris, III, P.E., C.P.M.  
Environment Analysis Unit Head

**From:** [Jordan, Gary](#)  
**To:** [Cashin, Gordon E](#)  
**Cc:** [Rivenbark, Chris](#); [Wilson, Travis W.](#)  
**Subject:** Re: [EXTERNAL] Wood stork issues, BR-0121 and BR-0122  
**Date:** Wednesday, September 16, 2020 8:19:10 AM

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**CAUTION:** External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to [report.spam@nc.gov](mailto:report.spam@nc.gov)

Gordon,

The breeding season for wood storks begins about April 15. We have limited evidence of breeding in Sampson County. Overall, the species is exceptionally rare in Sampson County, especially so from about November to early April. Given these facts, and given that the two projects would either be completed or well underway prior to the breeding season, I would have no problem providing concurrence with a May Affect, Not Likely to Adversely Affect conclusion. I would provide that concurrence without a survey. However, if either of the projects got delayed and the let got moved to during the breeding season, a survey may be needed for concurrence.

I recommend you go ahead and send me an official request for concurrence with that conclusion. Please provide the rationale for the conclusion with your request.

**Gary Jordan**

Fish and Wildlife Biologist, Liaison to NCDOT

**U.S. Fish and Wildlife Service**

**P.O. Box 33726**

**Raleigh, NC 27636-3726**

Phone: 919-856-4520 x.32

Email: [gary\\_jordan@fws.gov](mailto:gary_jordan@fws.gov)

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**From:** Cashin, Gordon E <[gcashin@ncdot.gov](mailto:gcashin@ncdot.gov)>  
**Sent:** Tuesday, September 15, 2020 3:59 PM  
**To:** Jordan, Gary <[gary\\_jordan@fws.gov](mailto:gary_jordan@fws.gov)>  
**Cc:** Rivenbark, Chris <[crivenbark@ncdot.gov](mailto:crivenbark@ncdot.gov)>  
**Subject:** [EXTERNAL] Wood stork issues, BR-0121 and BR-0122

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Gary,

These two projects are located in Sampson County, where the stork has been added. Looking at the

NRTR's, both sites appear to have potential foraging habitat available, at least to me and my limited knowledge of storks. BR-0121 is located next to a vegetated pond, and BR-0122 next to a freshwater marsh wetland with a pond in the study area. GIS didn't reveal any records of stork anywhere nearby. Even had we visited during the survey window, our odds of seeing one would be remote, but it wouldn't stop one of the big white birds from dropping in ten minutes after we left. So it remains a bit of a mystery how best to address the stork. It looks like it should be May Affect - Not Likely to Adversely Affect to me, but perhaps not. Are wood storks nesting in NC now? I know they have been basing summertime operations down around Sunset Beach for some time.

BR-0121 is scheduled for letting in November, and we had covered it with a non-written NWP 3, under the assumption we had No Effect on all the species covered by the NRTR. So we will have to hustle to get it covered by a written NWP without delaying the let. BR-0122 doesn't let until January so we have more time to redo the permits. I have attached the 2 project NRTRs so you can see the maps and the habitat descriptions.

Perhaps we can talk about this Thursday? I will be in the Beaufort County tomorrow looking for T&E plants.

Gordon Cashin  
(919) 749-0442

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North Carolina Department of Transportation  
 Highway Stormwater Program  
**STORMWATER MANAGEMENT PLAN**  
 FOR NCDOT PROJECTS



(Version 2.01; Released December 2014)

**WBS Element:** 67122.1.1      **TIP No.:** BR-0122      **County(ies):** Sampson      **Page** 1 **of** 1

**General Project Information**

<b>WBS Element:</b>	67122.1.1	<b>TIP Number:</b>	BR-0122	<b>Project Type:</b>	Bridge Replacement	<b>Date:</b>	8/5/2019
<b>NCDOT Contact:</b>	Mason Herndon		<b>Contractor / Designer:</b>	Wetherill Engineering, Inc. / Harminder Singh, PE			
<b>Address:</b>	Highway Division 3 5501 Barbados Blvd. Castle Hayne, NC 28429		<b>Address:</b>	1223 Jones Franklin Rd. Raleigh, NC 27606			
	<b>Phone:</b>	910-341-2036		<b>Phone:</b>	919-851-8077		
	<b>Email:</b>	<a href="mailto:mherndon@ncdot.gov">mherndon@ncdot.gov</a>		<b>Email:</b>	<a href="mailto:hsingh@wetherilleng.com">hsingh@wetherilleng.com</a>		
<b>City/Town:</b>	N/A		<b>County(ies):</b>	Sampson			
<b>River Basin(s):</b>	Cape Fear		<b>CAMA County?</b>	No			
<b>Wetlands within Project Limits?</b>	Yes						

**Project Description**

<b>Project Length (lin. miles or feet):</b>	0.08	<b>Surrounding Land Use:</b>	Rural, wooded				
	<b>Proposed Project</b>			<b>Existing Site</b>			
<b>Project Built-Up Area (ac.)</b>	0.3	ac.	0.2	ac.			
<b>Typical Cross Section Description:</b>	Proposed Project conditions are two 11' lanes with variable paved shoulders up to 4.4'.			Existing road conditions are two 10' lanes with variable grass shoulders.			
<b>Annual Avg Daily Traffic (veh/hr/day):</b>	<b>Design/Future:</b>	<b>Year:</b>	<b>Existing:</b>	110	<b>Year:</b>	2019	
<b>General Project Narrative: (Description of Minimization of Water Quality Impacts)</b>	Existing drainage conditions around the bridge are being maintained. There will be no deck drains on this project. Runoff will be picked up on the line-ahead side of the bridge and outlet onto a riprap pad in the wetlands. This area is already effected by ROW.						

**Waterbody Information**

<b>Surface Water Body (1):</b>	Beaverdam Swamp		<b>NCDWR Stream Index No.:</b>	18-68-1-1			
<b>NCDWR Surface Water Classification for Water Body</b>	<b>Primary Classification:</b>	Class C					
	<b>Supplemental Classification:</b>	Swamp Waters (Sw)					
<b>Other Stream Classification:</b>	None						
<b>Impairments:</b>	None						
<b>Threatened/Endangered Species?</b>	Comments:						
<b>NRTR Stream ID:</b>				<b>Buffer Rules in Effect:</b>	N/A		
<b>Project Includes Bridge Spanning Water Body?</b>	Yes	<b>Deck Drains Discharge Over Buffer?</b>	N/A	<b>Dissipator Pads Provided in Buffer?</b>	N/A		
<b>Deck Drains Discharge Over Water Body?</b>	No	(If yes, provide justification in the General Project Narrative)		(If yes, describe in the General Project Narrative; if no, justify in the General Project Narrative)			
	(If yes, provide justification in the General Project Narrative)						

See Sheet 1-A For Index of Sheets  
 See Sheet 1-B For Conventional Symbols  
 See Sheet 1C-1 TO 1C-2 For Survey Control Sheets

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

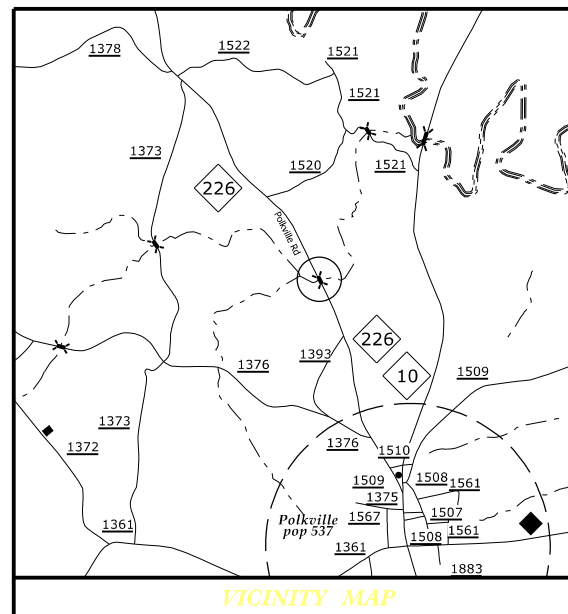
**SAMPSON COUNTY**

**LOCATION: BRIDGE NO. 810348 OVER BEAVERDAM CREEK  
 ON SR 1703 (OLD GOLDSBORO RD)**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING & STRUCTURE**

**WETLAND AND SURFACE WATER IMPACTS PERMIT**

**PROJECT: BR-0122**



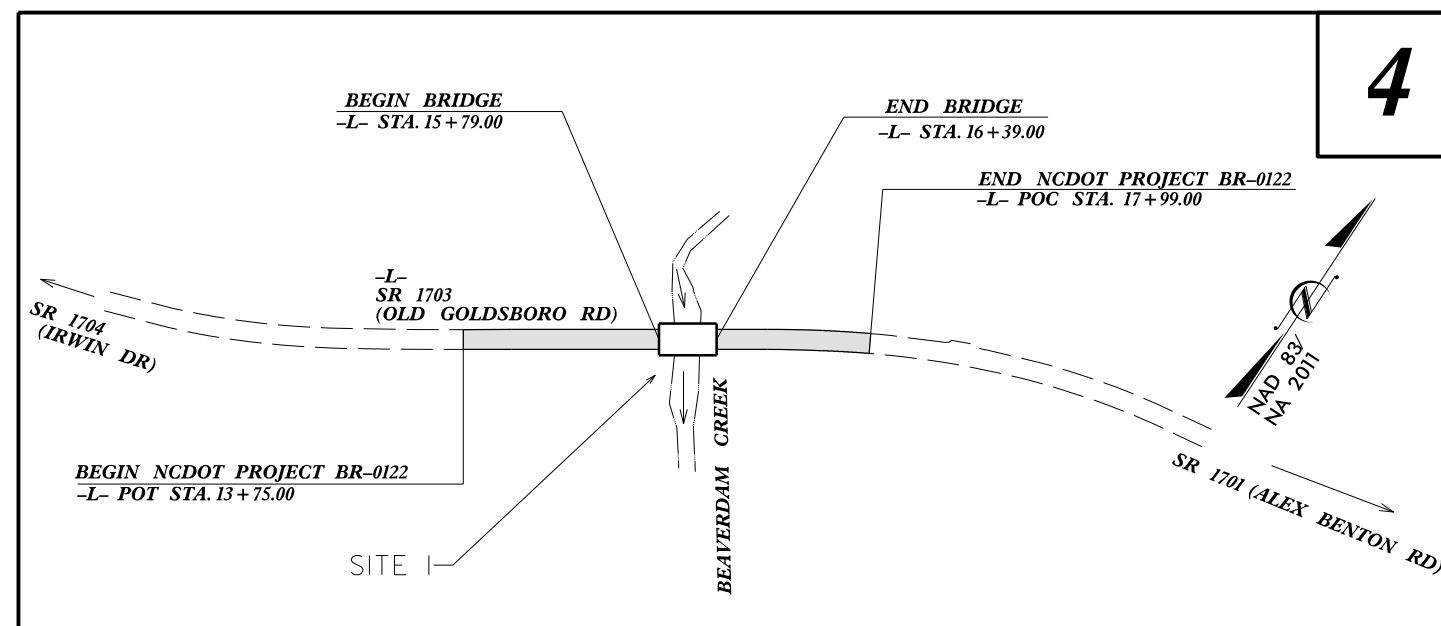
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0122	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
67122.1.1		PE	



TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

**BRIDGE #810348**

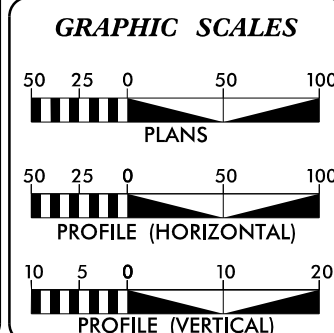
**PERMIT DRAWING  
 SHEET 1 OF 5**



CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III MODIFIED.  
 THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF NEWTON GROVE.

**INCOMPLETE PLANS  
 DO NOT USE FOR R/W ACQUISITION**  
 DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

**CONTRACT:**



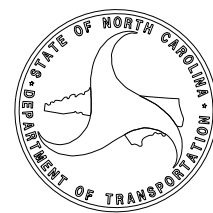
**DESIGN DATA**  
 ADT 2019 = 110  
 T = 7 % \*  
 V = 35 MPH  
 \* (TTST = 3% +  
 DUAL = 4%)  
 FUNC CLASS =  
 RURAL LOCAL  
 SUBREGIONAL TIER

PROJECT LENGTH	
LENGTH ROADWAY PROJECT BR-0122 =	0.069 MILES
LENGTH STRUCTURE PROJECT BR-0122 =	0.011 MILES
TOTAL LENGTH PROJECT BR-0122 =	0.080 MILES
NCDOT CONTACT: <u>DAVID STUTTS, PE</u> PROJECT ENGINEER - PEFPROGRAM MGT.	

Prepared for:  
**DIVISION OF HIGHWAYS  
 STRUCTURES MANAGEMENT UNIT**  
 1000 BIRCH RIDGE DRIVE RALEIGH NC, 27610

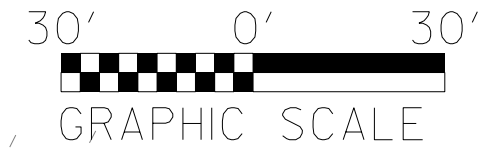
2018 STANDARD SPECIFICATIONS	EDWARD G. WETHERILL, PE PROJECT ENGINEER
RIGHT OF WAY DATE: APRIL 3, 2019	
LETTING DATE: OCTOBER 3, 2019	GREG S. PURVIS, PE PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER  
 SIGNATURE: \_\_\_\_\_ P.E.  
 ROADWAY DESIGN ENGINEER  
 SIGNATURE: \_\_\_\_\_ P.E.





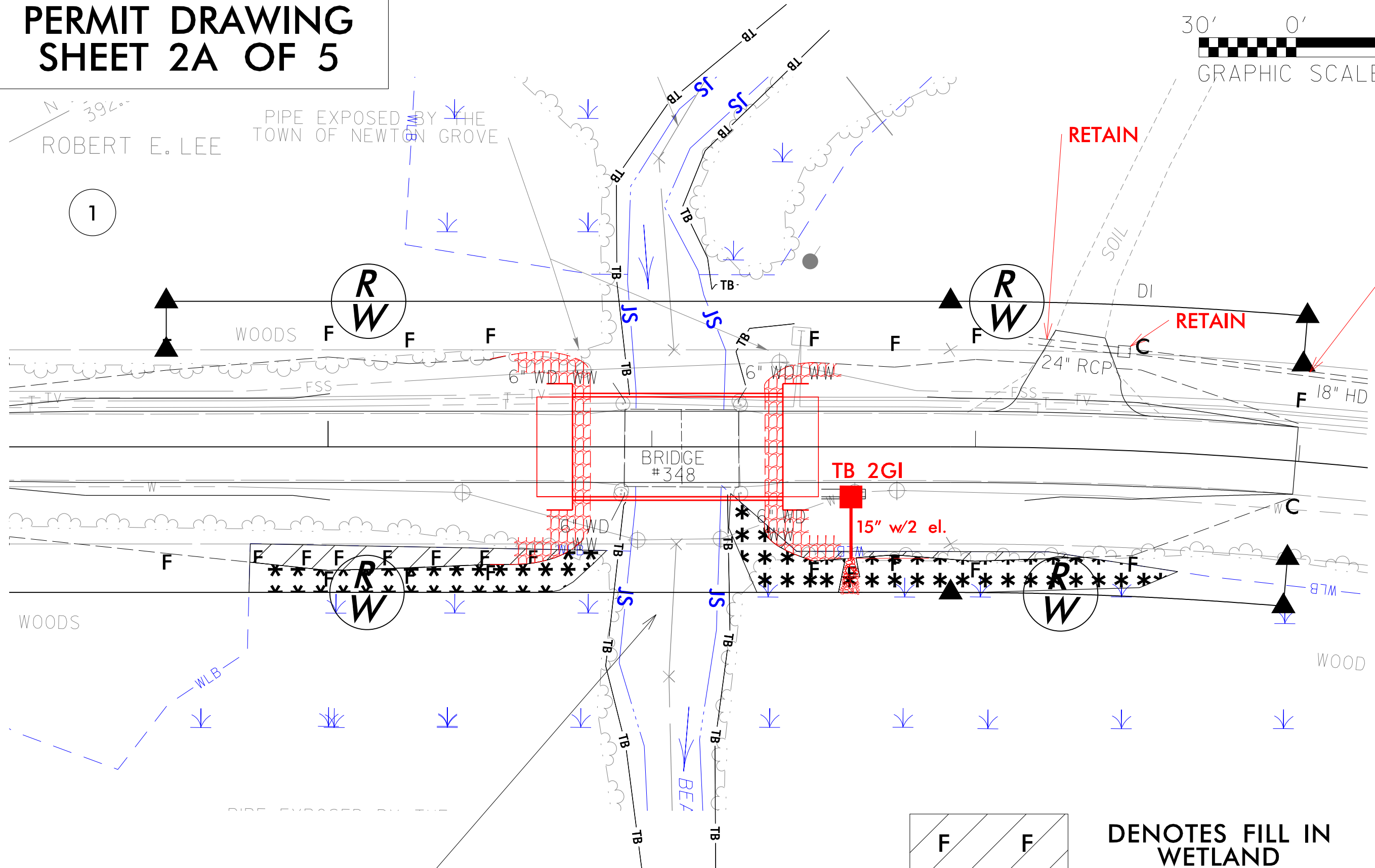
# PERMIT DRAWING SHEET 2A OF 5



N 394°  
ROBERT E. LEE

PIPE EXPOSED BY THE  
TOWN OF NEWTON GROVE

1



RETAIN

RETAIN

BRIDGE  
#348

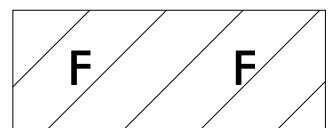
TB 2GI

15" w/2 el.

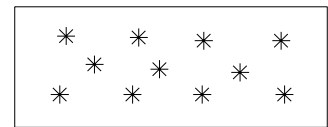
WOODS

WOOD

SITE I



DENOTES FILL IN  
WETLAND



DENOTES MECHANIZED  
CLEARING





8/23/99

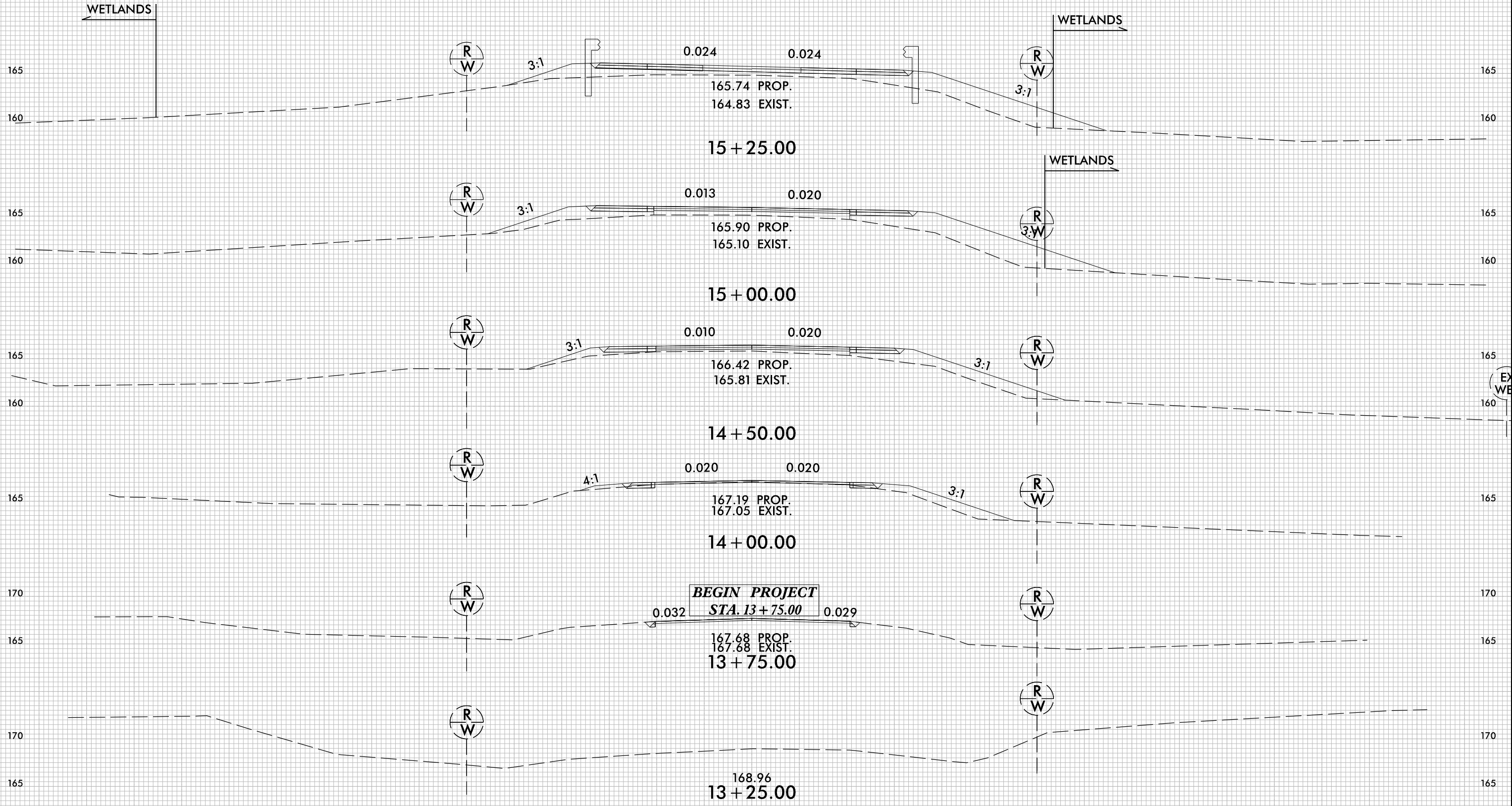


PROJ. REFERENCE NO.  
BR-0122

SHEET NO.  
X-1

# PERMIT DRAWING SHEET 4 OF 5

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75



**BEGIN PROJECT**  
**STA. 13+75.00**

168.96  
**13+25.00**

-L-

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

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USER: Brock

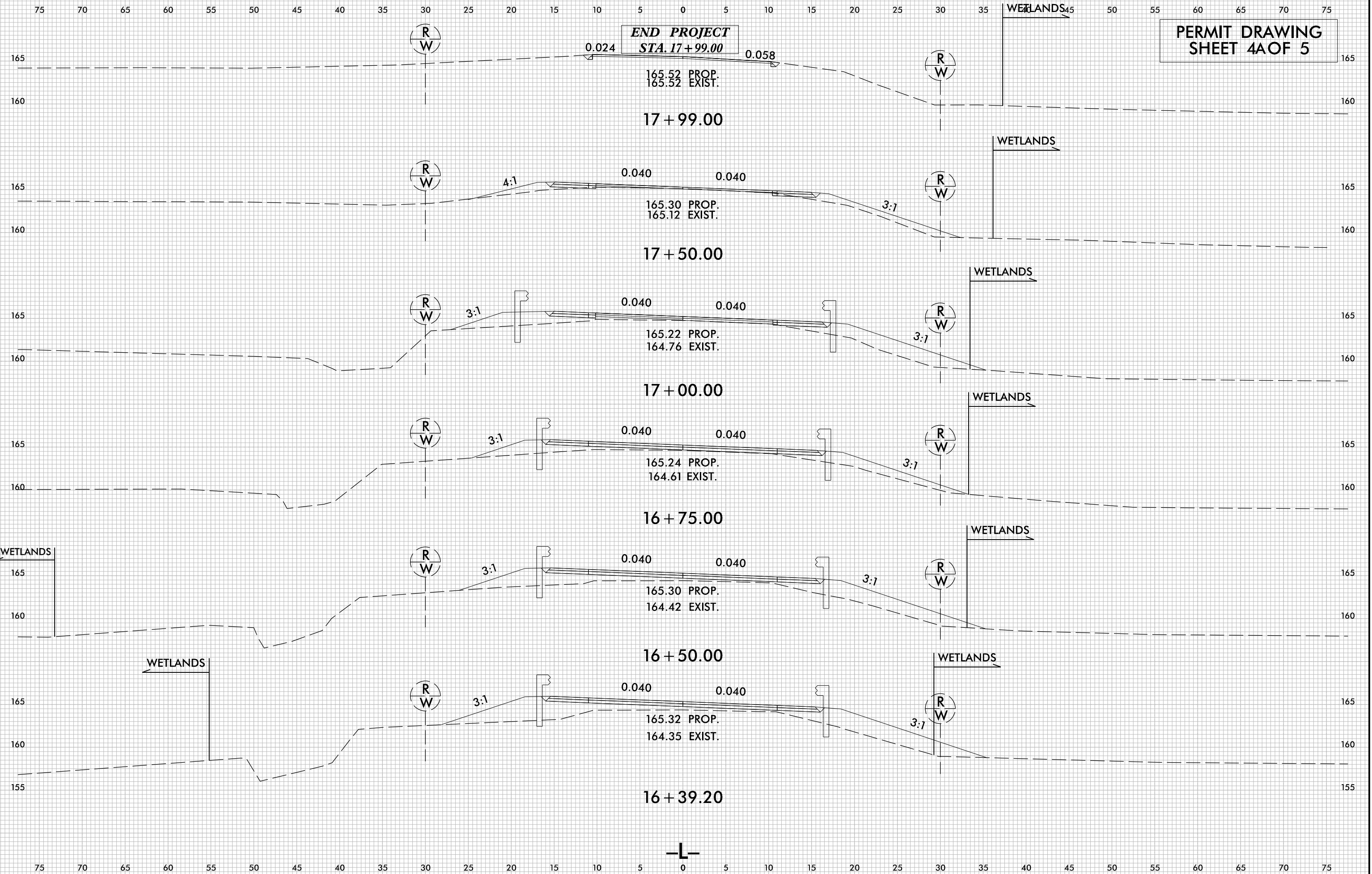
8/23/99



PROJ. REFERENCE NO.  
BR-0122

SHEET NO.  
X-3

PERMIT DRAWING  
SHEET 4A OF 5



8/28/2009 10:51:10 AM C:\Users\jbr\Documents\Projects\BR-0122\Hydro\Drawings\BR-0122.RDY.XPL.dgn



**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)
1	-L- 14+75 to 18+05	65' Bridge	0.02			0.05						
<b>TOTALS*:</b>			0.02			0.05				0	0	0

\*Rounded totals are sum of actual impacts

NOTES:

NC DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 5/22/2019  
 BR-0122  
 Sampson Co.