



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

July 14, 2005

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

ATTN: Mr. William J. Biddlecome  
NCDOT Coordinator  
Regulatory Permits Manager

N. C. Dept. of Environment and Natural Resources  
Division of Coastal Management  
151-B NC Highway 24  
Hestron Plaza II  
Morehead City, NC 28557

ATTN: Mr. Bill Arrington

Subject: **Application for Modifications to CWA Section 404 and 401 permits and CAMA Major permit** for the NC 55 Widening. NC 55 Widening From US 17 in Bridgeton to NC 304 in Bayboro. Craven and Pamlico Counties. State Project No. 8.1170901. Federal Aid Project STP-55(1). TIP No. R-2539. Debit \$475 from WBS Element 34452.1.2

Reference: CWA Section 404 Individual Permit, USACE Action ID # 199303531, dated May 27, 2003.  
CWA Section 401 Major WQC No. 021232, dated March 17, 2003  
CAMA Major Permit No. 55-03, dated April 22, 2003.

Dear Sirs:

The North Carolina Department of Transportation (NCDOT), Division of Highways, in consultation with the Federal Highway Administration (FHWA) is in the process of widening NC 55 in Craven and Pamlico Counties, from 0.7 miles east of US 17 in Bridgeton to NC 304 in Bayboro. The project is approximately 14.2 miles in length, and will provide a five-lane, 60-foot roadway, with four-foot paved shoulders throughout the majority of the project.

The purpose of this submittal is to request a modification to the Section 404 permit and Section 401 Water Quality Certification and CAMA Permit, specifically for Section A. The modification is for 0.018 acres of temporary fill in the surface waters of Upper Broad Creek, Permit Site 11. There will be no changes to the permitted design within the Neuse Buffers.

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

TELEPHONE: 919-715-1500  
FAX: 919-715-1501  
WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

**LOCATION:**  
2728 CAPITAL BLVD.  
PARKER LINCOLN BUILDING, SUITE 168  
RALEIGH NC 27604

Bent 6 of the proposed structure conflicts with Bent 1 of the existing structure. In order to install the piles for Bent 6, a portion of the existing substructure of Bent 1 must be removed below the mudline. NCDOT proposes to utilize a 20-foot by 40-foot metal sheet piling cofferdam that surrounds the existing footing of the bent. We anticipate removal completion to be fewer than 4 weeks. Please find attached a sketch of the proposed cofferdam. No additional jurisdictional impacts occur due to this change. Because the impacts are temporary, the NCDOT is not proposing mitigation.

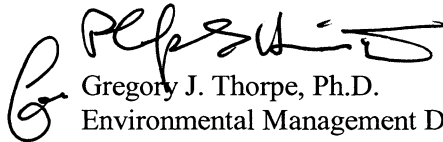
The revised design does not compromise NCDOT's compliance with the existing permit conditions. The revision has been evaluated for compliance with the avoidance/minimization criteria and is in compliance with all previous issues, including the anadromous fish moratorium, which ended on June 15<sup>th</sup>.

### **Regulatory Approvals**

Application is hereby made for the modification of the Section 404 Permit from the USACE, Section 401 Water Quality Certification from the NCDENR-DWQ, and the CAMA Major Permit from NCDENR-DCM. In compliance with Section 143-215.3D(e) of the NCAA we have provided a method of debiting \$475, as noted in the subject line of this application, as payment for processing the Section 401 Water Quality Certification and CAMA modifications applications. We are providing seven copies of this application to NCDENR-DWQ, for their use.

If you have any questions or need additional information, please call Elizabeth L. Lusk at (919) 715-1444.

Sincerely,



Gregory J. Thorpe, Ph.D.  
Environmental Management Director, PDEA

### **W/attachment**

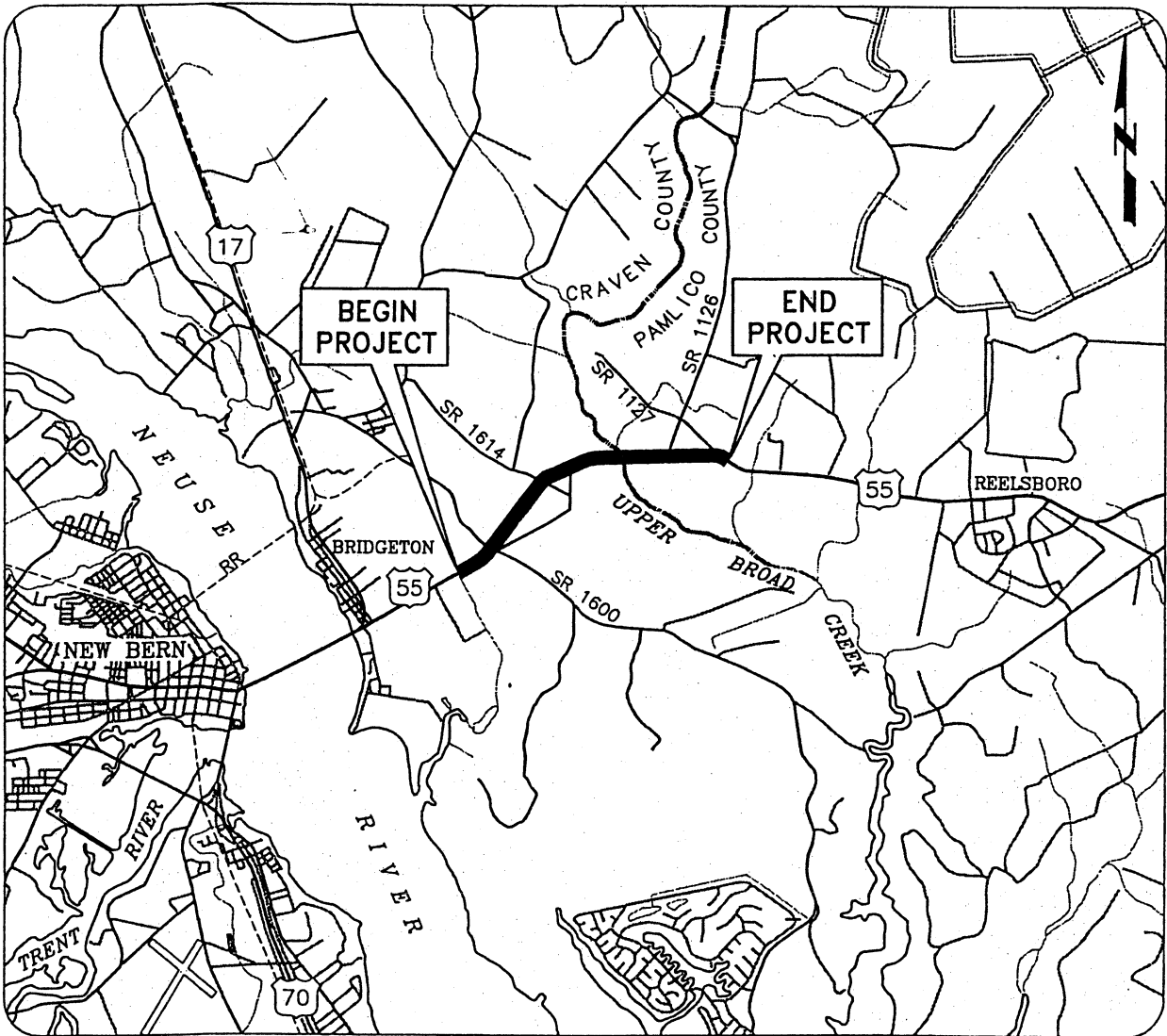
- Mr. John Hennessy, NCDWQ (7 Copies)
- Mr. Travis Wilson, NCWRC
- Ms. Becky Fox, USEPA – Whittier, NC
- Mr. Ronald Mikulak, USEPA – Atlanta, GA
- Mr. Clarence W. Coleman, P.E., FHWA
- Mr. Gary Jordan, USFWS
- Mr. Ron Sechler, NMFS
- Mr. Michael Street, NCDMF
- Ms. Steve Sollod, NCDCM
- Mr. Bill Arrington, NCDCM
- Dr. David Chang, P.E., Hydraulics
- Mr. Greg Perfetti, P.E., Structure Design
- Mr. Mark Staley, Roadside Environmental
- Mr. C. E. Lassiter, P.E., Division Engineer
- Mr. Jay Johnson, DEO

### **W/o attachment**

- Mr. David Franklin, USACE, Wilmington (Cover Letter Only)
- Mr. Jay Bennett, P.E., Roadway Design
- Mr. Omar Sultan, Programming and TIP
- Mr. Art McMillan, P.E., Highway Design
- Mr. Carl Goode, PE, Human Environment Unit Head (Individual Permits Only)

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# VICINITY MAP



N.C. DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS

CRAVEN-PAMLICO COUNTIES

STATE PROJECT NO. 8.1170901

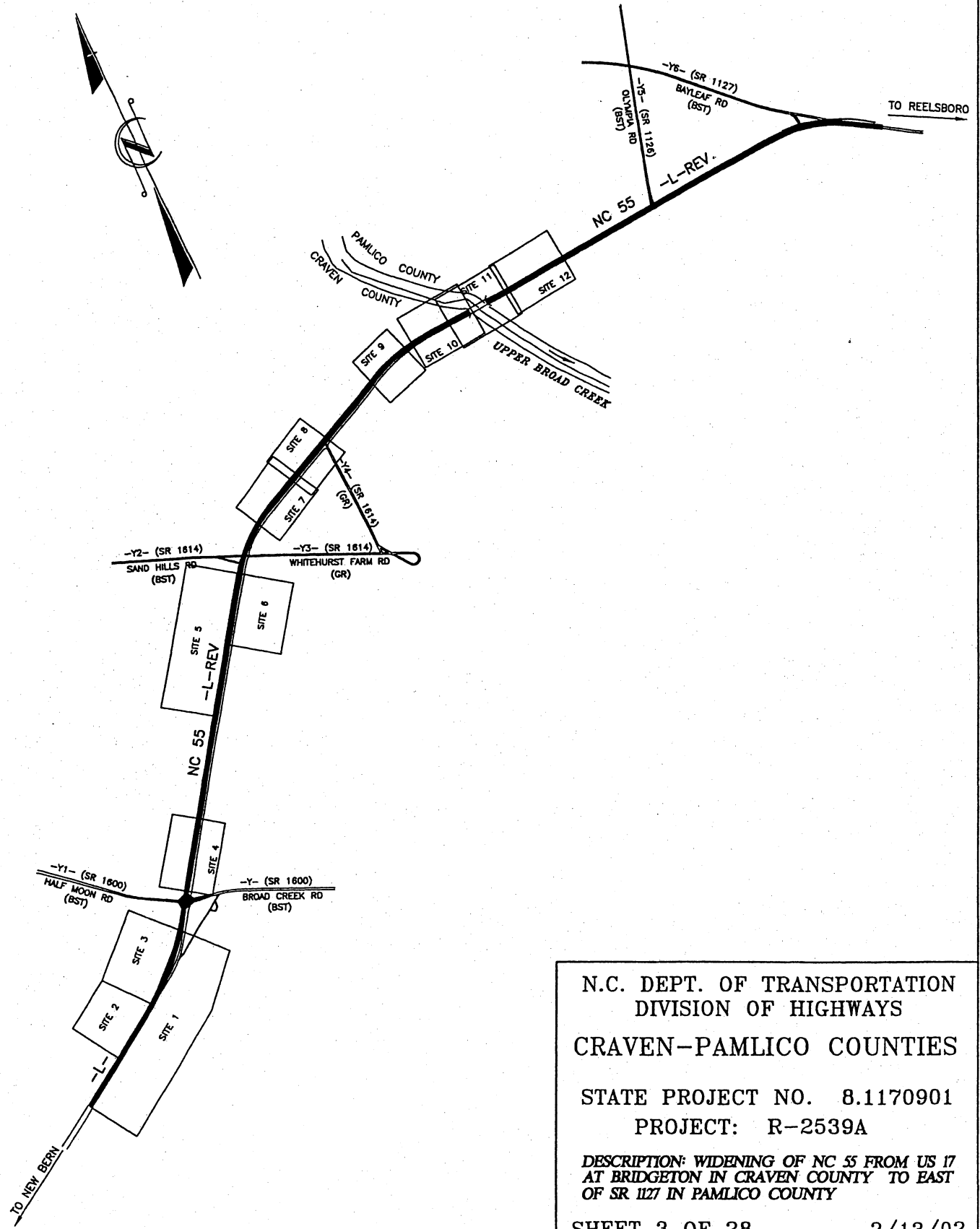
PROJECT: R-2539A

DESCRIPTION: WIDENING OF NC 55 FROM US 17  
AT BRIDGETON IN CRAVEN COUNTY TO EAST  
OF SR 1127 IN PAMLICO COUNTY

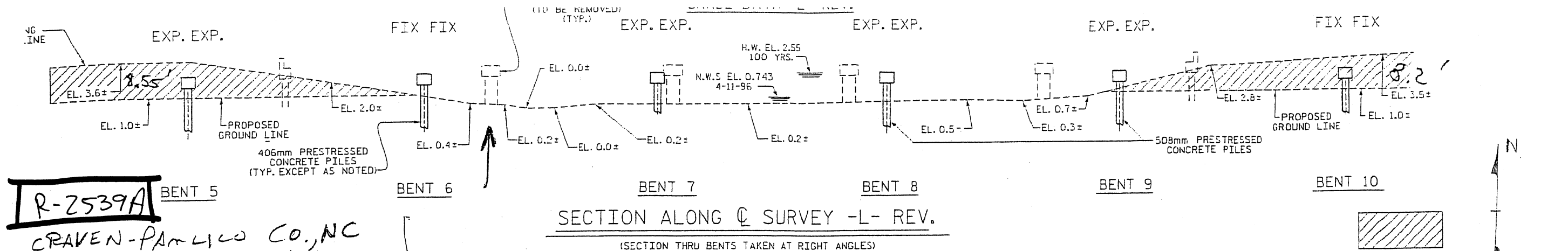
SHEET 1 OF 28

2/13/02

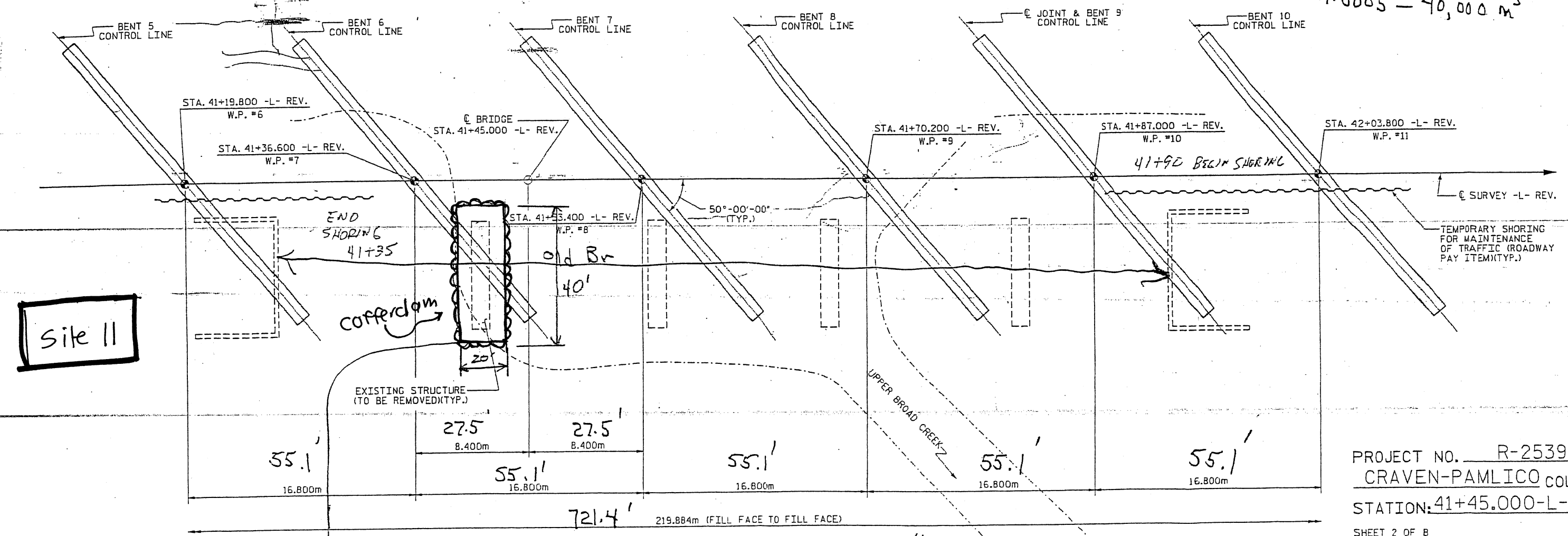
# SITE MAP



N.C. DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
CRAVEN-PAMLICO COUNTIES  
STATE PROJECT NO. 8.1170901  
PROJECT: R-2539A  
DESCRIPTION: WIDENING OF NC 55 FROM US 17  
AT BRIDGETON IN CRAVEN COUNTY TO EAST  
OF SR 1127 IN PAMLICO COUNTY  
SHEET 3 OF 28 2/13/02



UNCLASSIFIED EXCAVATION  
 (ROADWAY PAY ITEM)  
 #0005 - 40,000 m<sup>3</sup>



**Site II**

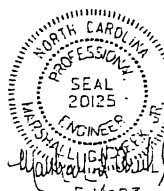
PLAN  
 (PILES NOT SHOWN IN PLAN VIEW)

USE 30' LONG PZ 27  
 ONE RING - 14" HP

PROJECT NO. R-2539A  
 CRAVEN-PAMLICO CO. NC  
 STATION: 41+45.000-L-R

SHEET 2 OF 8  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 GENERAL DRAWING  
 BRIDGE OVER  
 UPPER BROAD CREEK  
 ON NC 55 BETWEEN  
 SR 1614 AND SR 1126

REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		



DRWN BY: F. B. POOLE DATE: 3-27-02  
 CHECKED BY: R. A. RAYNOR DATE: 5-27-02

June 2005