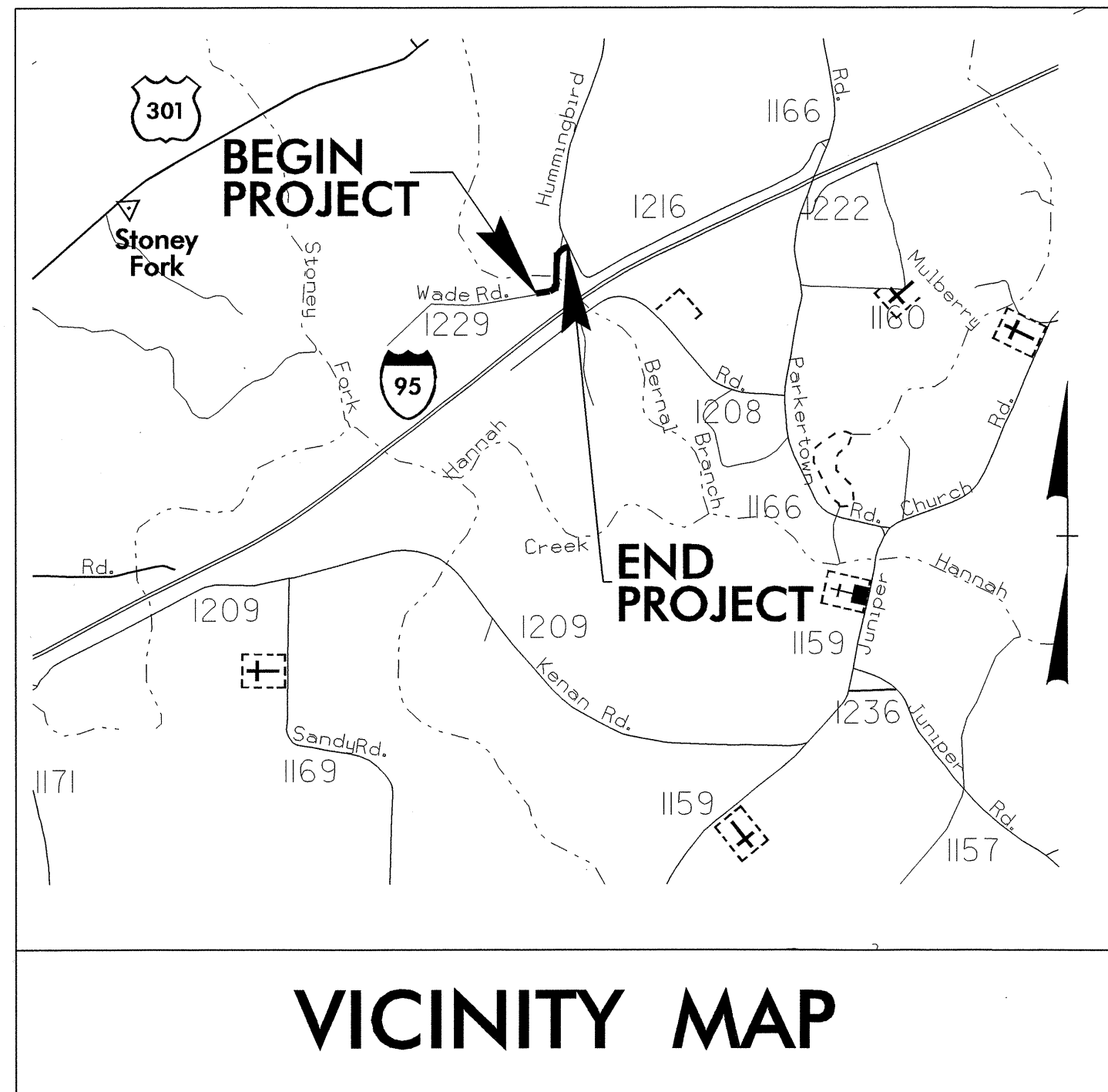


TIP PROJECT: B-3670

CONTRACT: C201232

See Sheet 1-A For Index of Sheets
See Sheet 1-B For Conventional Symbols

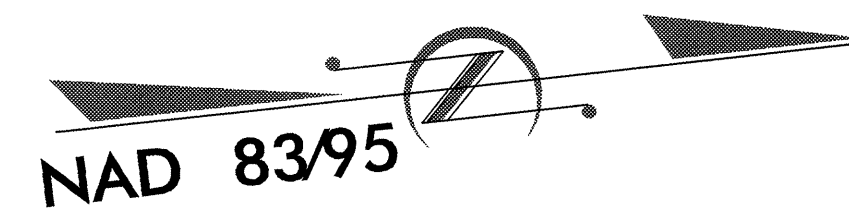


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

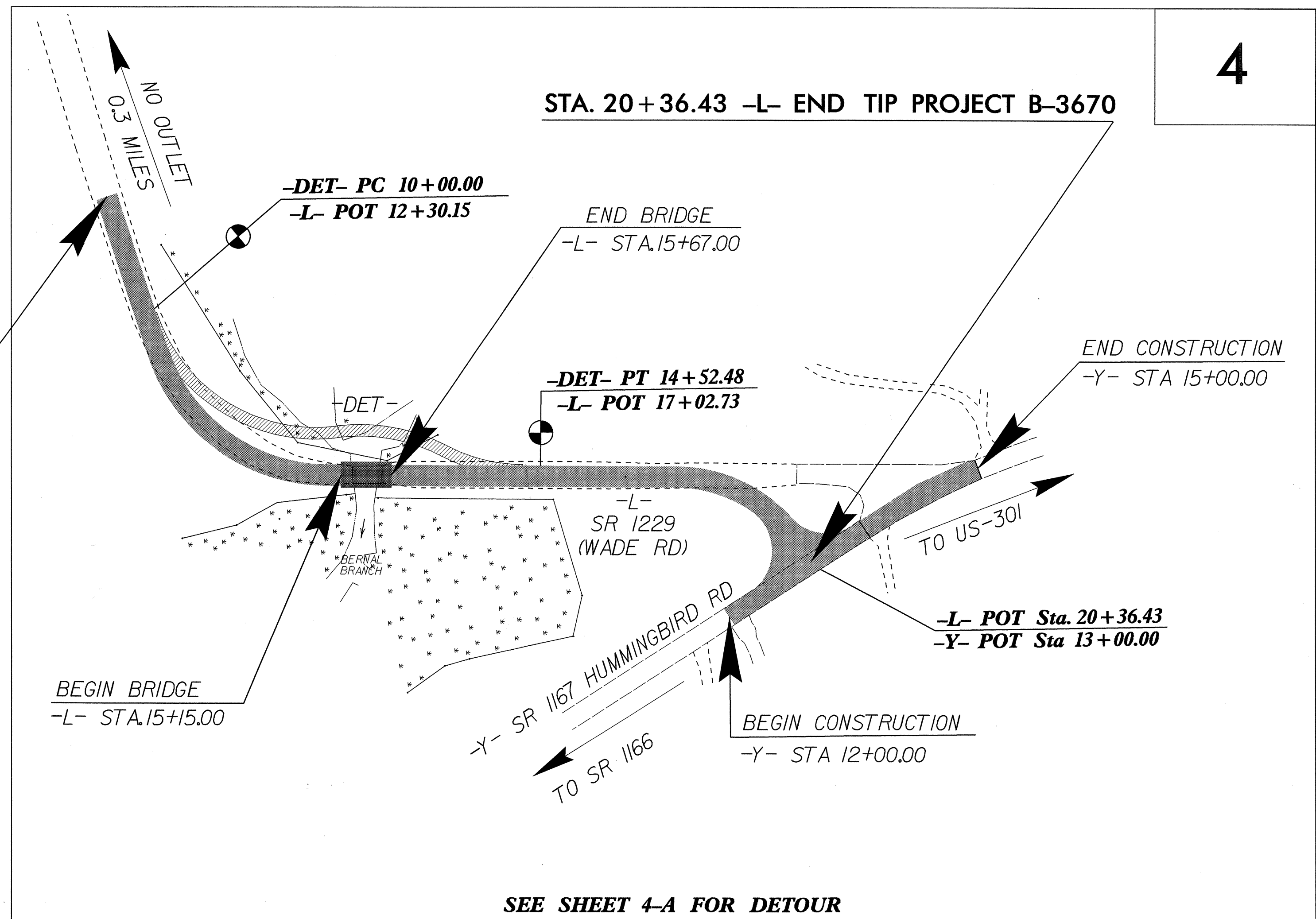
JOHNSTON COUNTY

LOCATION: BRIDGE NO. 448 OVER BERNAL BRANCH
AND APPROACHES ON SR 1229
TYPE OF WORK: GRADING, DRAINAGE, PAVING,
AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3670	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33214.1.1	BRZ-1229(8)	PE	
33214.2.2	BRZ-1229(8)	ROW/UTIL.	
33214.3.1	BRZ-1229(9)	CONST	



STA. 11+00.00 -L- BEGIN TIP PROJECT B-3670



SEE SHEET 4-A FOR DETOUR

** DESIGN EXCEPTION REQUIRED FOR THE DESIGN SPEED

GRAPHIC SCALES



PLANS



PROFILE (HORIZONTAL)



PROFILE (VERTICAL)

DESIGN DATA

ADT 2003 = <100
ADT 2025 = 100
DHV = 10 %
D = 60 %
T = 3 % *
** V = 25 MPH
(POSTED 55 MPH STATUTORY)
* (TTST 1% & DUAL 2%)

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3670 = 0.167 MI.
LENGTH STRUCTURE TIP PROJECT B-3670 = 0.010 MI.
TOTAL LENGTH OF STATE TIP PROJECT B-3670 = 0.177 MI.

Prepared in the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., NC, 27610

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
February 27, 2003

LETTING DATE:
January 18, 2005

JASON MOORE, PE
PROJECT ENGINEER

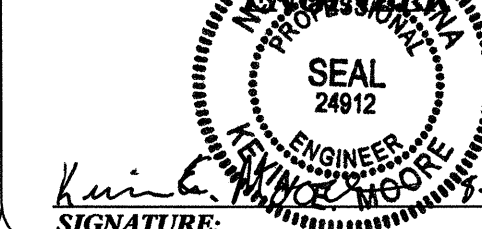
KEVIN E. MOORE, PE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER



SIGNATURE: [Signature] 8-17-04

ROADWAY DESIGN



SIGNATURE: [Signature] 8-17-04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

DATE