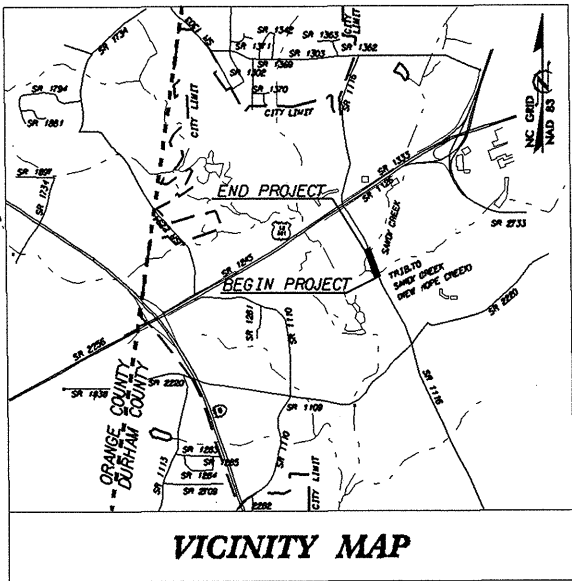


PROJECT: 33070.1.1 B-3450

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



VICINITY MAP

NOTE: THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF DURHAM.

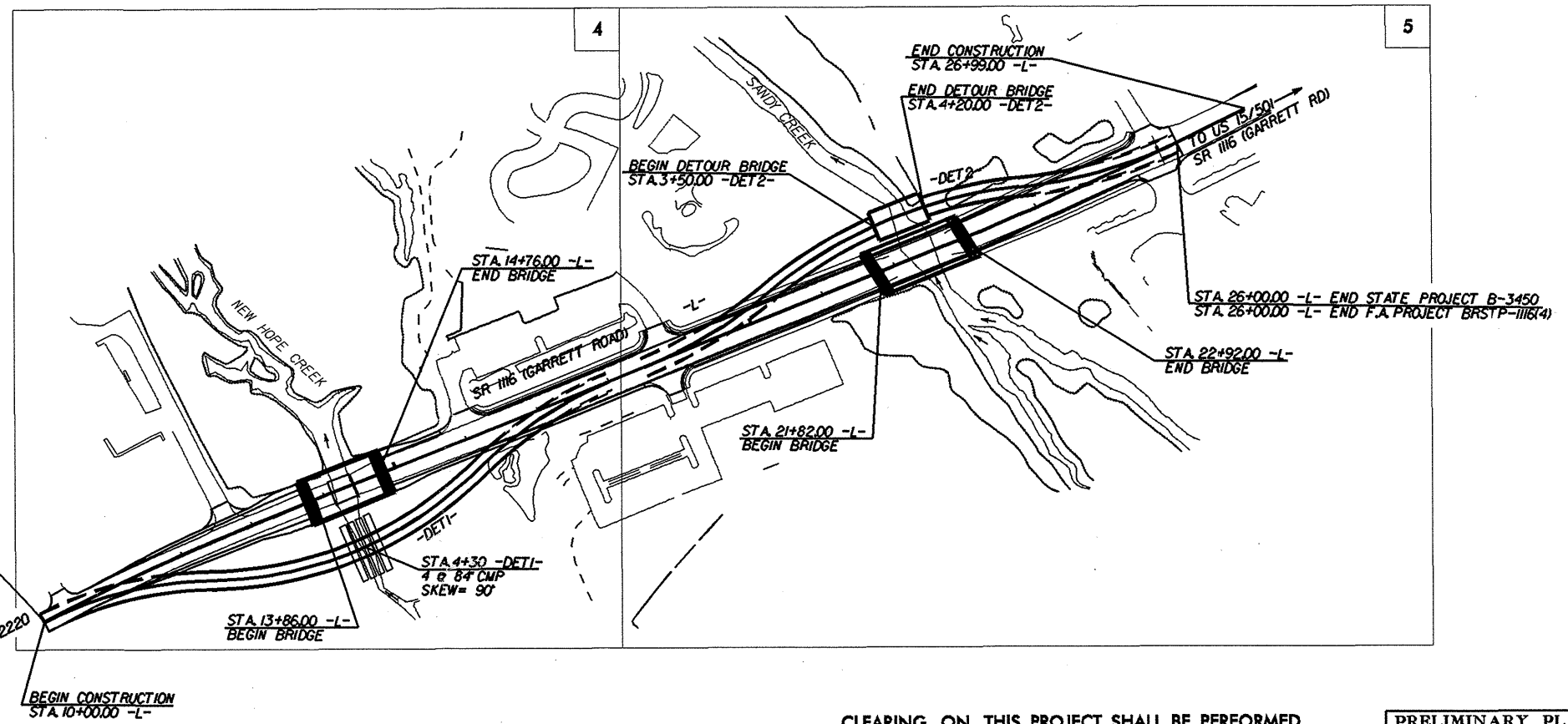
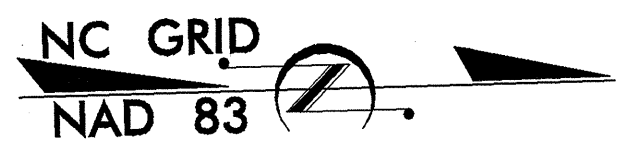
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

DURHAM COUNTY

LOCATION: BRIDGE NO. 217 OVER NEW HOPE CREEK
AND BRIDGE NO. 122 OVER SANDY CREEK
AND APPROACHES ON SR 1116

TYPE OF WORK: GRADING, DRAINAGE, PAVING, GUARDRAIL, AND STRUCTURES

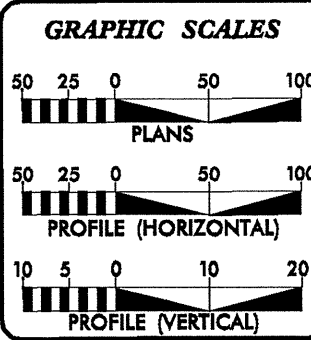
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3450	2A	7
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33070.1.1	BRSTP-1116 (4)	PE	
33070.1.1	BRSTP-1116 (4)	RW, UTILITIES	



NCDOT CONTACT: MS. CATHY S. HOUSER, PE, PROJECT ENGINEER

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



DESIGN DATA

ADT 2003 =	11,800 VPD
ADT 2023 =	18,900 VPD
DHV =	10%
D =	55%
T =	7% *
V =	45 MPH
* TTST	3% + DUAL 4%

PROJECT LENGTH

LENGTH ROADWAY F.A. PROJECT BRSTP-1116(4) =	0.265 MILE
LENGTH STRUCTURE F.A. PROJECT BRSTP-1116(4) =	0.038 MILE
TOTAL LENGTH STATE PROJECT 8.2353001 =	0.303 MILE

Prepared for NCDOT In the Office of:
KCI Associates of North Carolina, P.A.
RALEIGH OFFICE
ENGINEERS & PLANNERS & ECOLOGISTS

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: MARCH 21, 2003

LETTING DATE: MARCH 16, 2004

MICHELLE R. BRAME, P.E.
PROJECT ENGINEER

JENNIFER M. SPOHN
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

ROADWAY DESIGN ENGINEER

DATE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

DATE