

ID: R-2417BB

PROJECT: 8.T540402

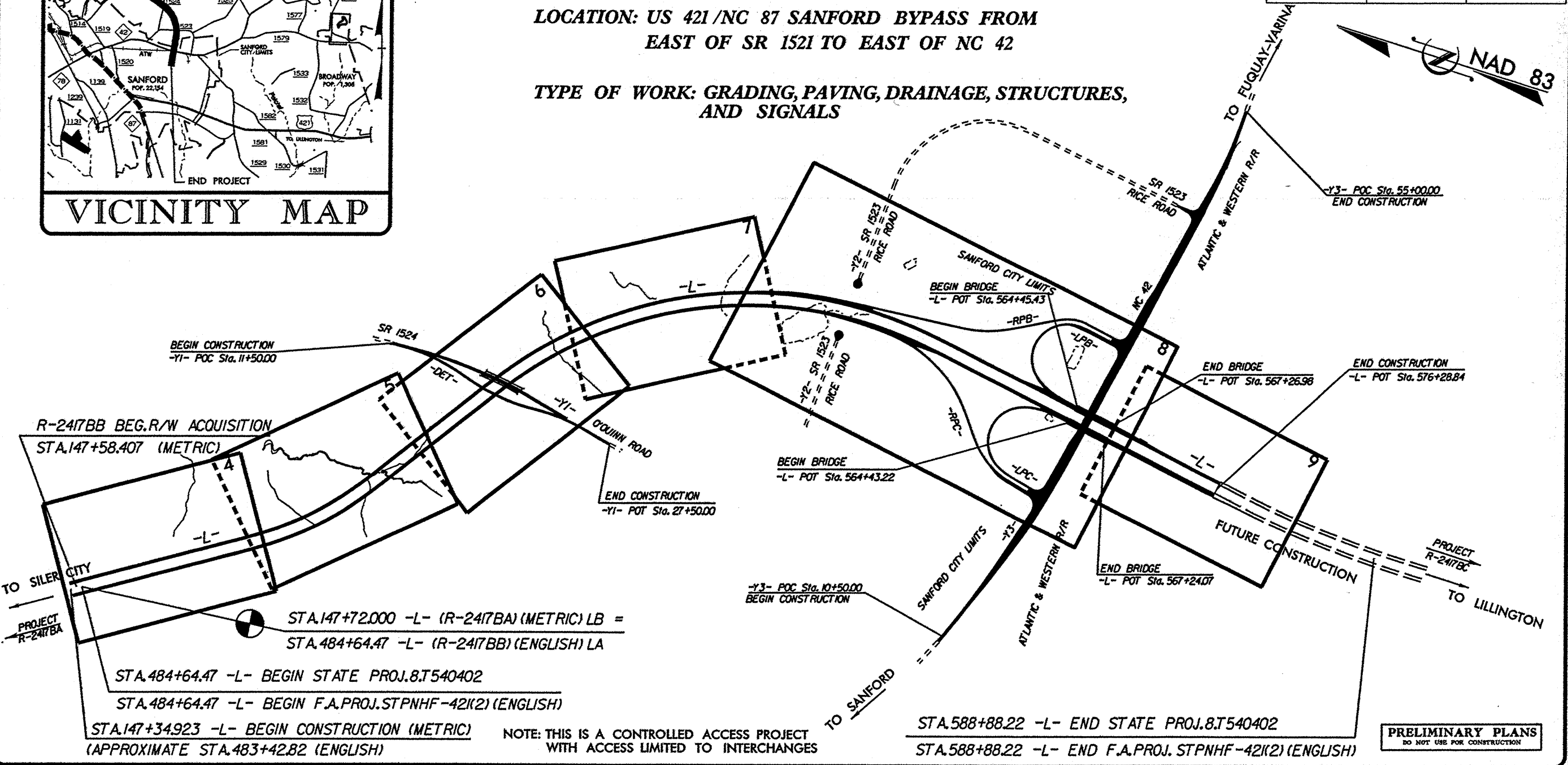
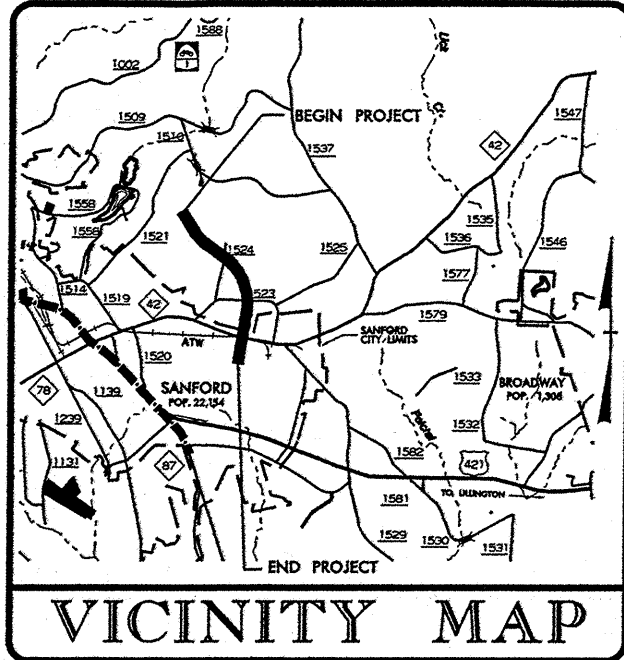
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LEE COUNTY

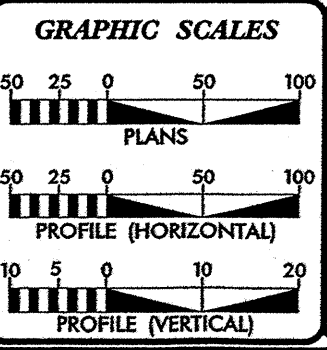
LOCATION: US 421 / NC 87 SANFORD BYPASS FROM
EAST OF SR 1521 TO EAST OF NC 42

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2417BB	2A	45
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
8.T540402	STPNHF-421(2)	PE, RW & UTIL	



PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



DESIGN DATA

ADT 2004 =	14500
ADT 2024 =	26020
DHV =	10 %
D =	60 %
T =	8 % *
V =	70 MPH
* TTST 3 %	DUAL 5 %

PROJECT LENGTH

LENGTH ROADWAY F.A. PROJECT STPNHF-421(2)	=	1.921 MILES
LENGTH STRUCTURES F.A. PROJECT STPNHF-421(2)	=	0.053 MILES
TOTAL LENGTH STATE PROJECT 8.T540402	=	1.974 MILES

CLEARING ON THIS PROJECT WILL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III

Prepared for the North Carolina Department of Transportation, in the Office of:
CTL ENGINEERING, INC.
4122 BENNETT MEMORIAL ROAD, STE 301
DURHAM, NORTH CAROLINA
1995 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: MARCH 15, 2002	EDWARD G. WETHERILL, PE PROJECT ENGINEER
LETTING DATE: JUNE 15, 2004	NORMAN H. WILLEY, PE PROJECT DESIGN ENGINEER
NCDOT CONTACT	CATHY S. HOUSER, PE NCDOT PROJECT ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: _____ P.E.

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

STATE DESIGN ENGINEER _____ P.E.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ P.E.
DIVISION ADMINISTRATOR DATE _____