STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-4008	3	24

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
8.1502101	NHF-15(9)	P.E.

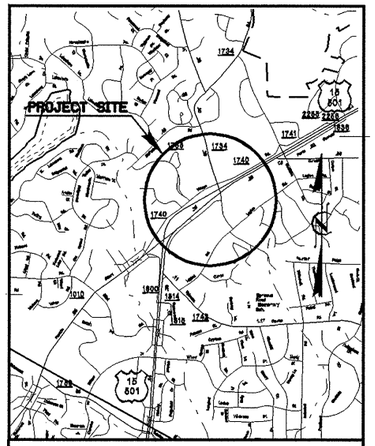
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ORANGE COUNTY

LOCATION: INTERSECTION IMPROVEMENT AT US 15-501 AND ERWIN ROAD IN CHAPEL HILL

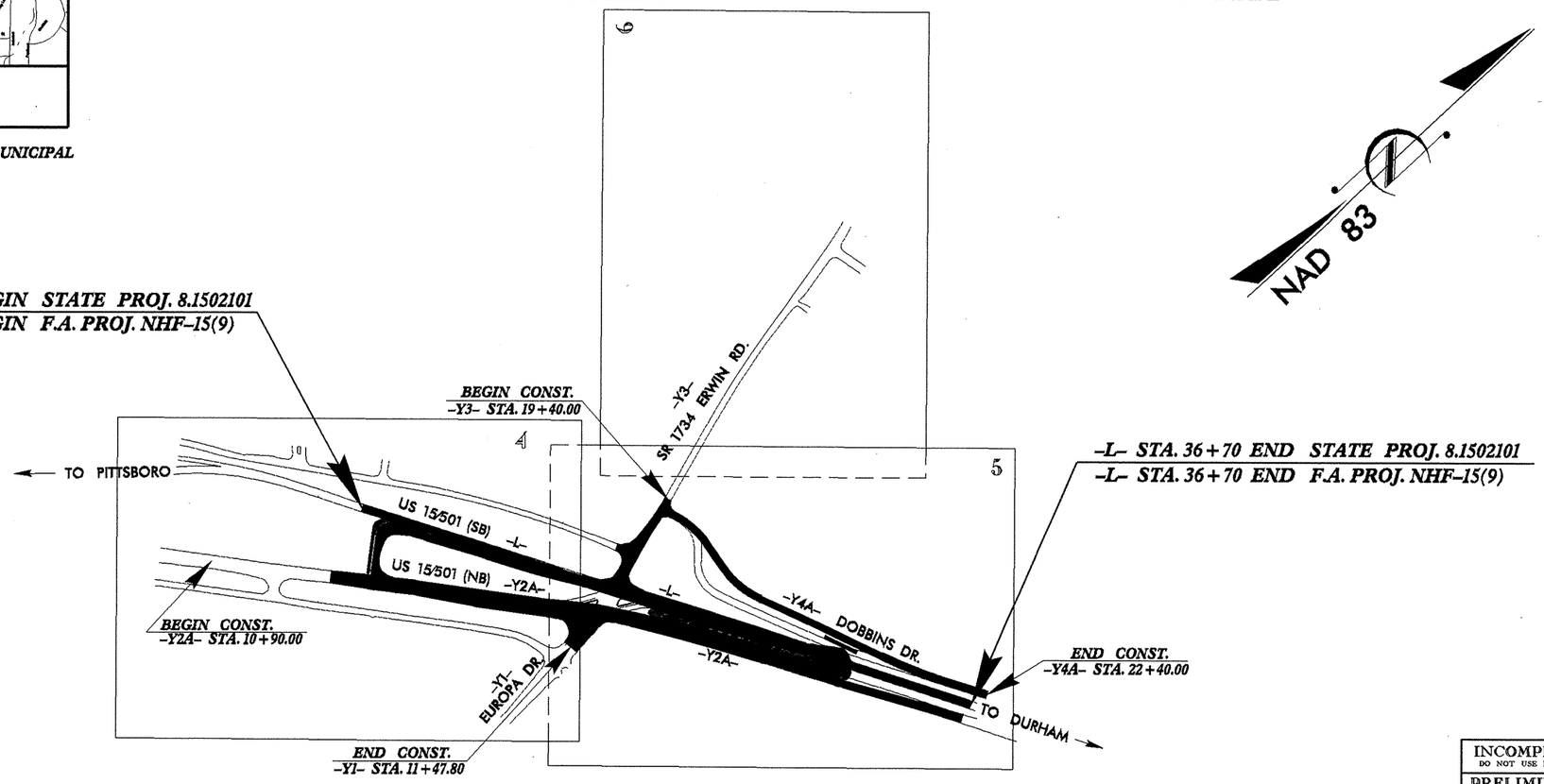
TYPE OF WORK: GRADING, WIDENING, DRAINAGE, PAVING, SIGNALS, RETAINING WALL, AND RESURFACING

See Sheet 1-A For Index of Sheets



VICINITY MAP

THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF CHAPEL HILL



USE METHOD _____ CLEARING ON THIS PROJECT

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

DESIGN DATA

ADT 2002 = 48,800
ADT 2025 = 96,400
DHV = 11 %
D ≐ 55 %
T = 3 % *
V = 45 MPH

* TTST 1% DUAL 2%

PROJECT LENGTH

LENGTH ROADWAY F.A. PROJECT NHF-15(9) = 0.392 MILES
TOTAL LENGTH STATE PROJECT 8.1502101 = 0.392 MILES

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

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: NOVEMBER 2002

LETTING DATE: APRIL 20, 2004

ROGER D. THOMAS, PE
PROJECT ENGINEER

BRIAN P. ROBINSON
PROJECT DESIGN 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
DIVISION ADMINISTRATOR DATE

PROJECT: 8.1502101

U-4008

09/08/99