


9/09/99

See Sheet 1-A For Index of Sheets

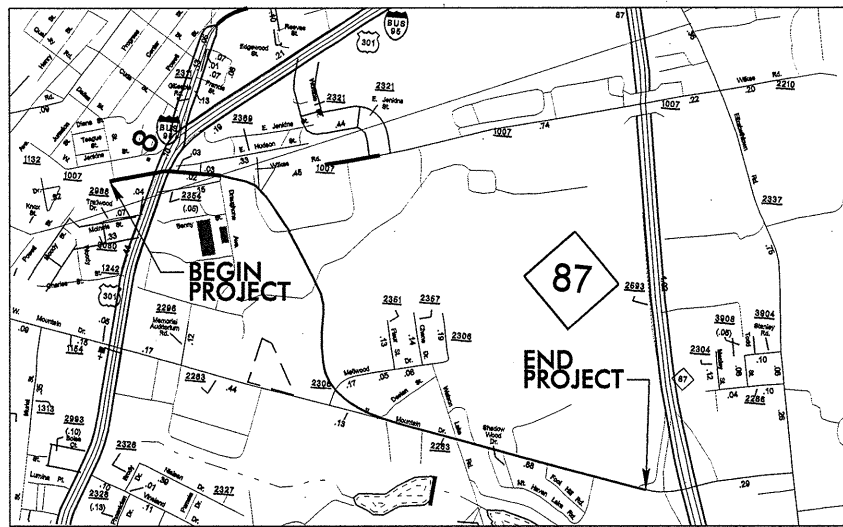
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

 <p>ALL DIMENSIONS IN THESE PLANS ARE IN METERS</p>	STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
	N.C.	U-2912	3	20
	STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
	8.2441101	STP-0620 (1)	P.E.	

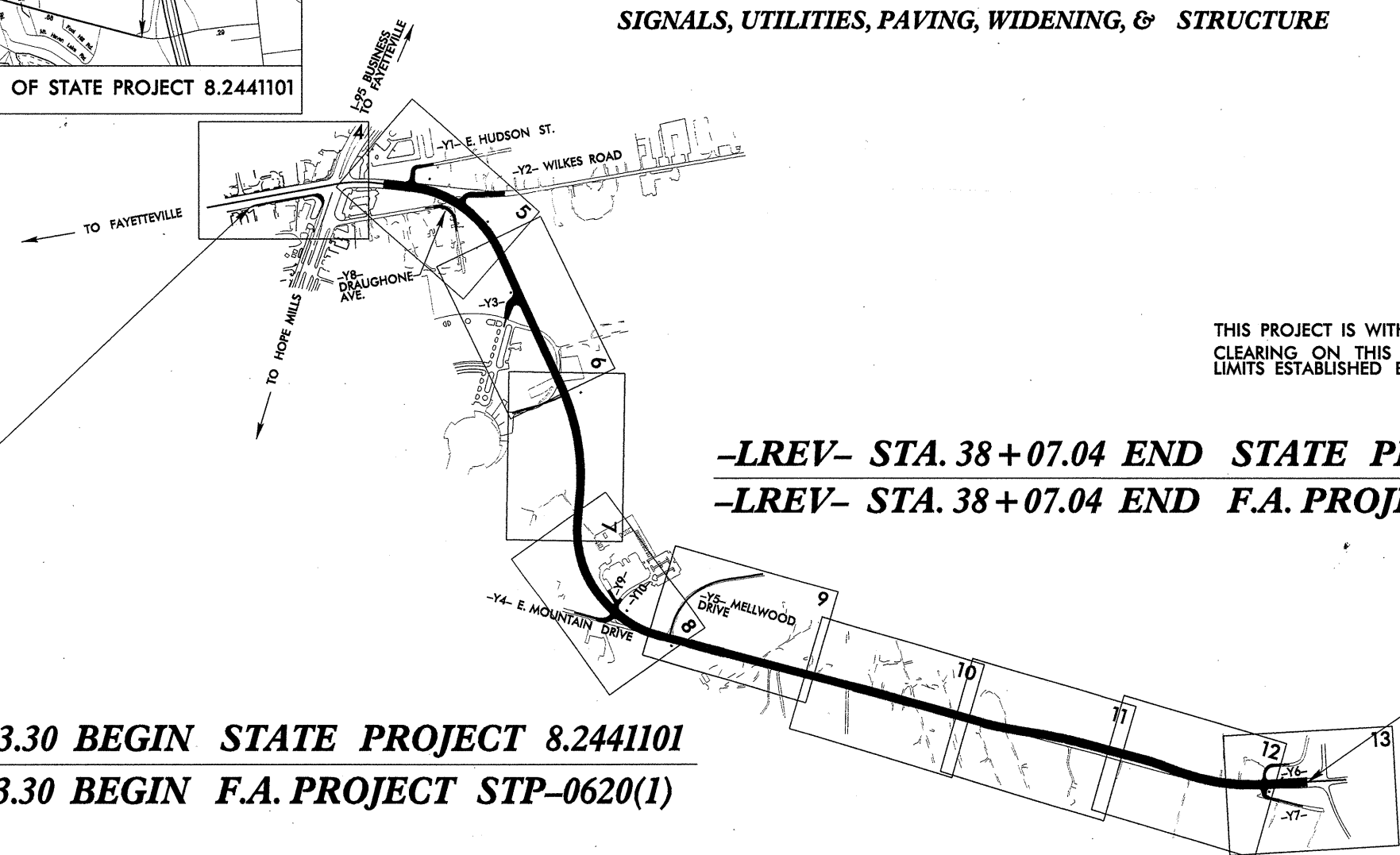
CUMBERLAND COUNTY

LOCATION: OWEN DRIVE EXTENSION FROM EAST OF I-95 BUSINESS/US 301 TO NC 87 AT EAST MOUNTAIN DRIVE

TYPE OF WORK: GRADING, DRAINAGE, CURB & GUTTER SIGNALS, UTILITIES, PAVING, WIDENING, & STRUCTURE



SKETCH MAP SHOWING LOCATION OF STATE PROJECT 8.2441101



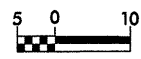
THIS PROJECT IS WITHIN THE CITY LIMITS OF FAYETTEVILLE. CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD

-LREV- STA. 38+07.04 END STATE PROJECT 8.2441101
-LREV- STA. 38+07.04 END F.A. PROJECT STP-0620(1)

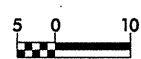
-LREV- STA. 6+93.30 BEGIN STATE PROJECT 8.2441101
-LREV- STA. 6+93.30 BEGIN F.A. PROJECT STP-0620(1)

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

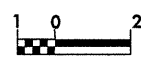
GRAPHIC SCALES



PLANS



PROFILE (HORIZONTAL)



PROFILE (VERTICAL)

DESIGN DATA

ADT 2004 = 9700
 ADT 2024 = 14500
 DHV = 10 %
 D = 60 %
 T = 8 % *
 V = 80 km/h
 * TTST 3% DUAL 5%

PROJECT LENGTH

LENGTH OF ROADWAY F.A. PROJECT STP-0620(1) =
 LENGTH STRUCTURE F.A. PROJECT STP-0620(1) =
 TOTAL LENGTH STATE PROJECT 8.2441101 =

Prepared in the Office of:

DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh, NC 27610

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
SEPT. 20, 2002

LETTING DATE:
SEPT. 21, 2004

J.S. GOODNIGHT, PE
PROJECT ENGINEER

PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.
ROADWAY DESIGN ENGINEER

SIGNATURE: _____ P.E.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR DATE

23-APR-2002 09:04
R:\proj\red\pumpstation\U2912.tsn
TDCoinc AT RD04503B

U-2912

PROJECT: 8.2441101