9/96/9

CONTRACT C200822 TIP PROJECT R-2813C

CULVERT AND WALL

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

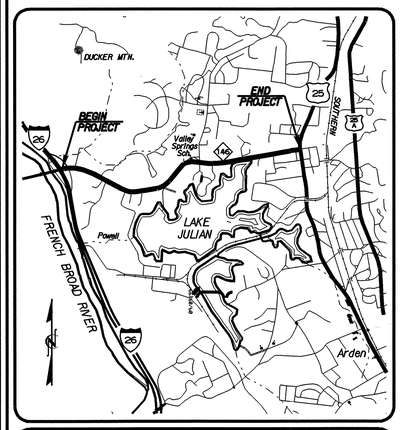
BUNCOMBE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2813C		

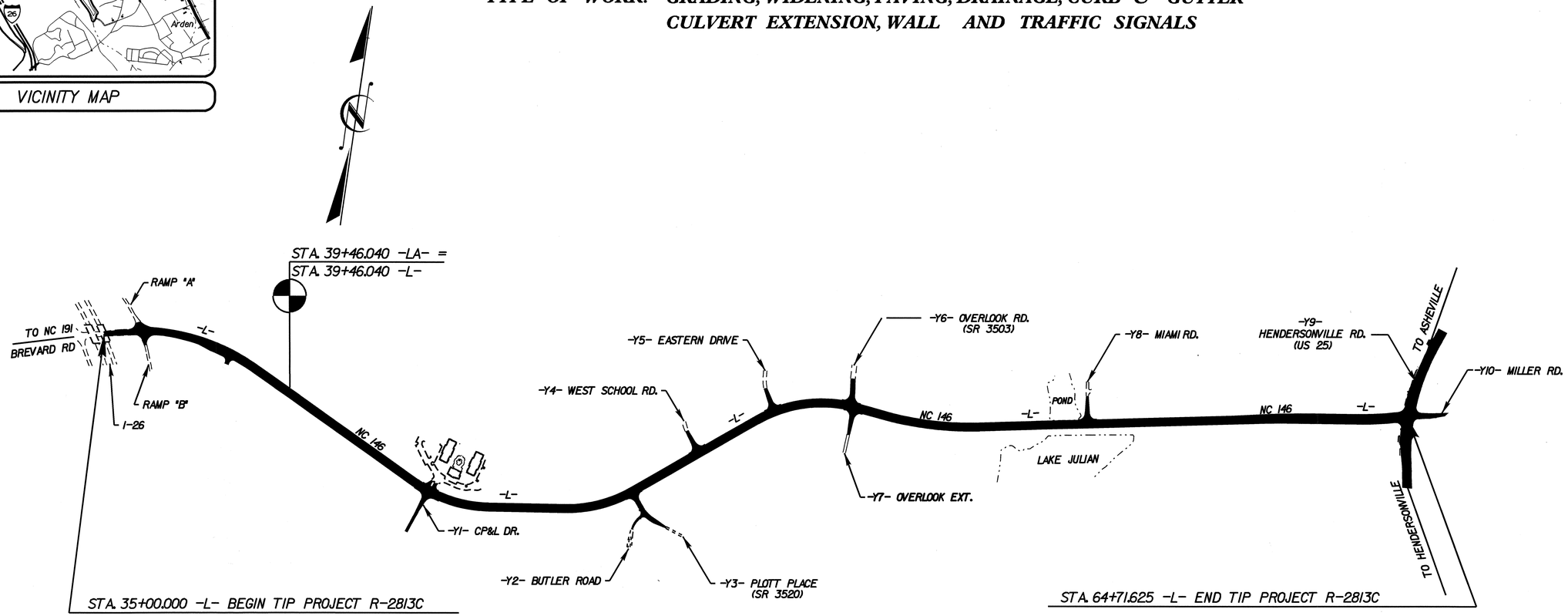
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
34505.1.1	STP-146(2)	PE
34505.2.2	STP-146(2)	R/W & UTIL
34505.3.2	STP-146(3)	CONST

LOCATION: *NC 146 (LONG SHOALS ROAD) FROM EAST OF I-26 TO US 25 (HENDERSONVILLE ROAD)*

TYPE OF WORK: *GRADING, WIDENING, PAVING, DRAINAGE, CURB & GUTTER CULVERT EXTENSION, WALL AND TRAFFIC SIGNALS*



VICINITY MAP



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DESIGN DATA

ADT 2000	=	19,800	
ADT 2020	=	32,900	
DHV	=	10	%
D	=	60	%
T	=	3	% *
V	=	80	km/h

* TTST 1 % + DUAL 2 %

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-2813C = 2.972 Km

TOTAL LENGTH STATE TIP PROJECT R-2813C = 2.972 Km

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

2002 STANDARD SPECIFICATIONS

Q. H. NGUYEN, PE
PROJECT ENGINEER

LETTING DATE:
FEBRUARY 15, 2005

J. R. DUGGINS, JR., PE
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT
1000 BIRCH RIDGE DRIVE
RALEIGH, NC 27610

NORTH CAROLINA PROFESSIONAL SEAL 14552 ENGINEER GREGORY R. PERFETTI
5/14/04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

P.E.
STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR *DATE*