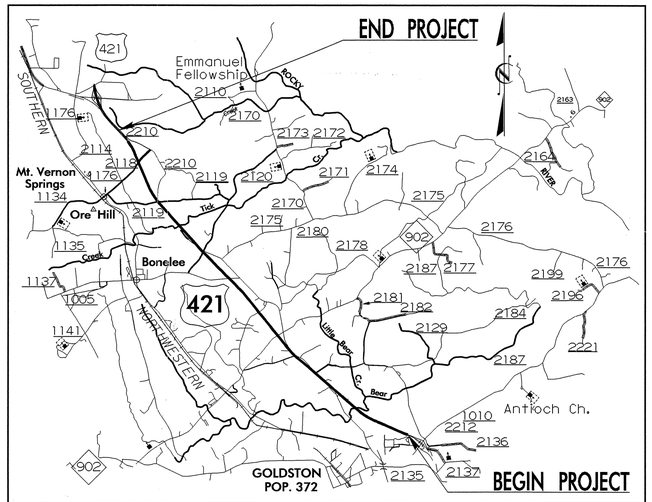
CONTRACT: C200821 TIP PROJECT: R-2610B

09/09/99

See Sheet 1-A For Index of Sheets



PROJECT VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CHATHAM COUNTY

LOCATION: US 421 FROM APPROX 1.0 KM NORTH OF SR 1010 TO THE 4 LANE BYPASS SOUTH OF SILER CITY

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

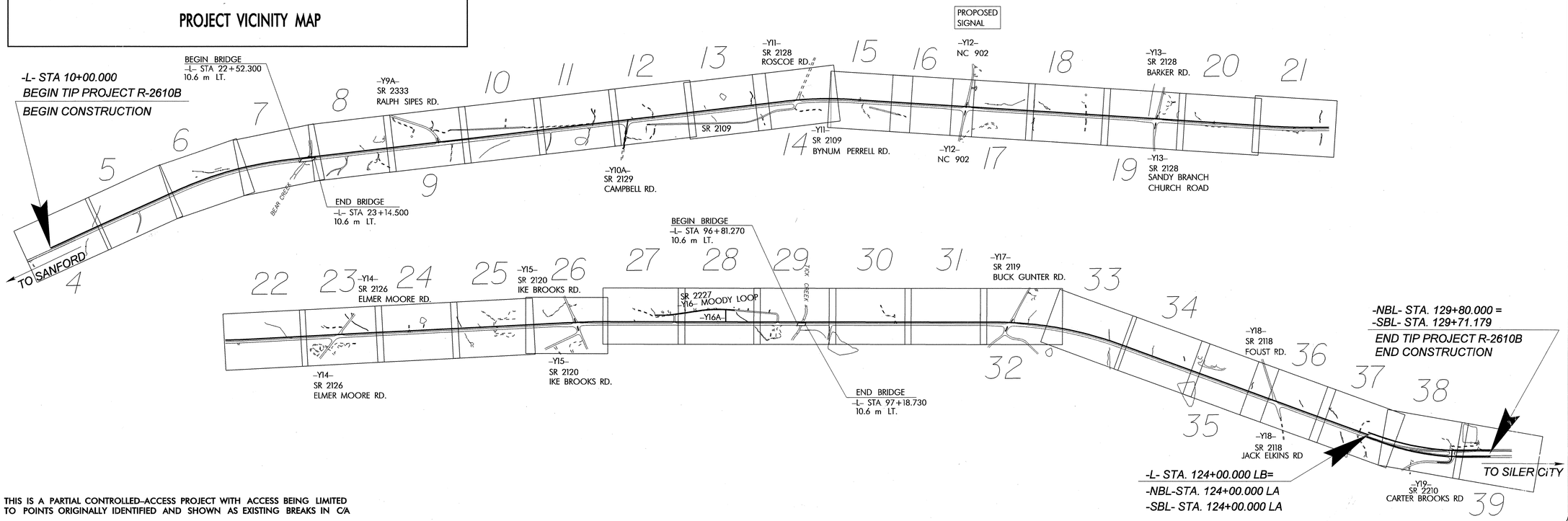
METRIC

ALL DIMENSIONS IN THESE PLANS ARE IN METERS AND/OR MILLIMETERS UNLESS OTHERWISE SHOWN

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2610B	1	

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
34481.1.1		P.E.
34481.2.3		R/W & UTIL
34481.3.3		CONST.

NAD 83



THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS ORIGINALLY IDENTIFIED AND SHOWN AS EXISTING BREAKS IN C/A

GRAPHIC SCALES

5 0 10 PLANS

5 0 10 PROFILE (HORIZONTAL)

1 0 2 PROFILE (VERTICAL)

DESIGN DATA

ADT 2004 = 11776-13197

ADT 2024 = 18466-20438

DHV = 10 %

D = 60 %

T = 17 % *

V = 100 km/h

* TTST 13% DUAL 4 %

PROJECT LENGTH

LENGTH TIP PROJECT R-2610B	=	11.880 km
LENGTH STRUCTURE TIP PROJECT R-2610B	=	0.100 km
TOTAL LENGTH OF TIP PROJECT R-2610B	=	11.980 km

Prepared in the Office of:

DIVISION OF HIGHWAYS

1000 Birch Ridge Dr., Raleigh, NC 27610

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: APRIL 30, 2002

LETTING DATE: SEPTEMBER 21, 2004

GARY LOVERING, PE
PROJECT ENGINEER

R.A.SHILLINGLAW, PE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 22100 ENGINEER STEPHEN R. WORGAN

6/25/04

SIGNATURE P.E.

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 17691 ENGINEER RICHARD A. SHILLINGLAW

06-23-04

SIGNATURE P.E.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

art McMillan P.E.

STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR DATE

12-DEC-2003 13:42
R:\proj\r-2610b.tsh
RShillinglaw AT RD193475