


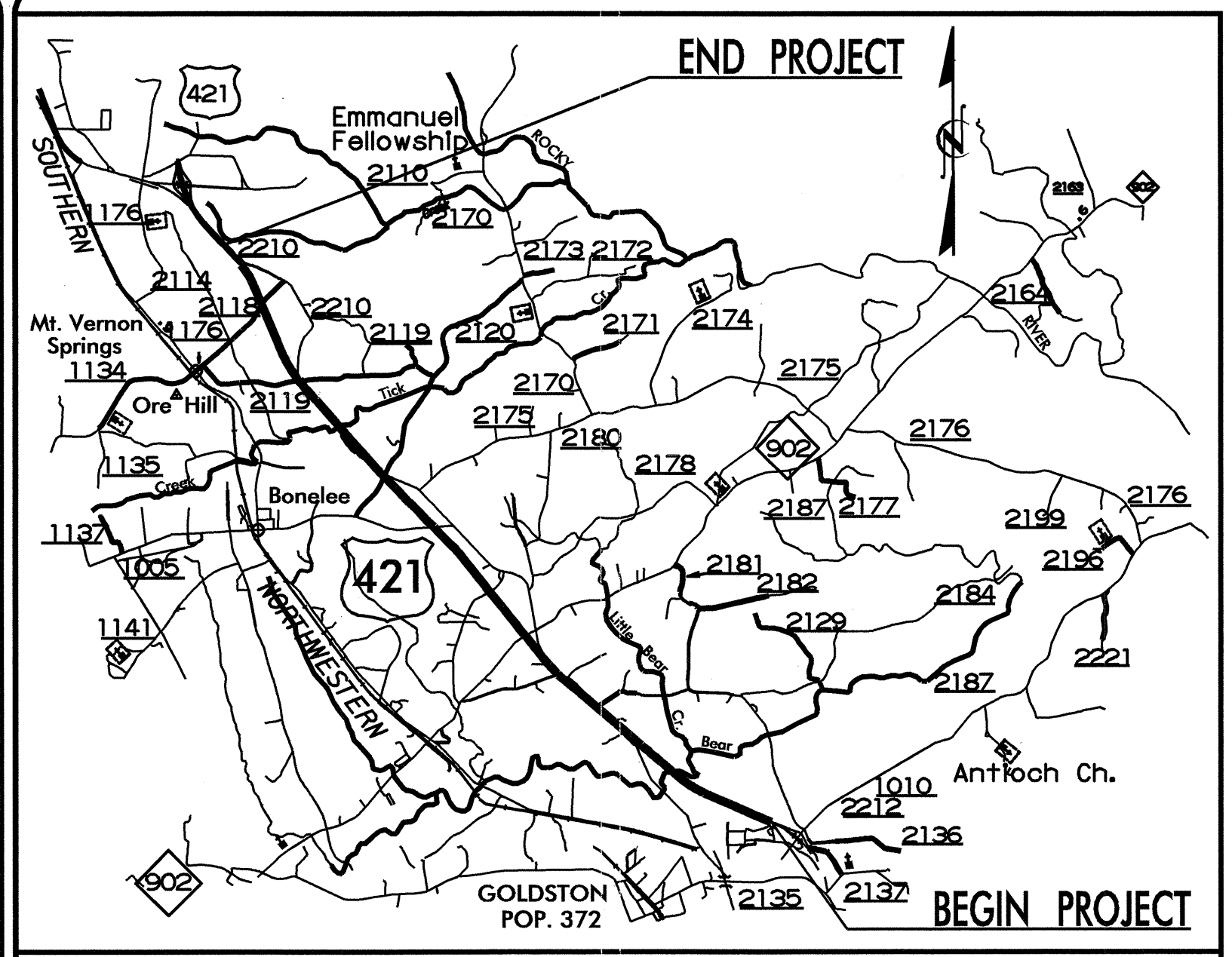
CONTRACT: C200821 TIP PROJECT: R-2610B

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**CHATHAM COUNTY**

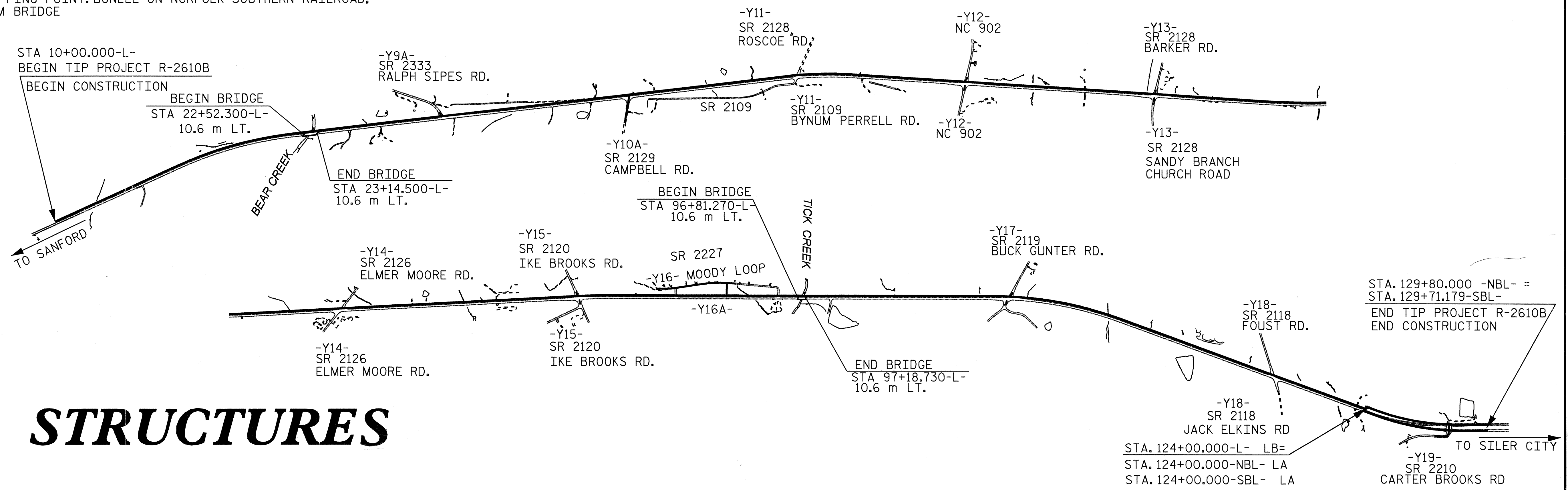
**LOCATION: US 421 FROM APPROX 1.0 KM NORTH OF SR 1010 TO THE 4 LANE BYPASS SOUTH OF SILER CITY**  
**TYPE OF WORK: GRADING, DRAINAGE, PAVING, GUARDRAIL, SIGNAL, AND STRUCTURES**

 ALL DIMENSIONS IN THESE PLANS ARE IN METERS AND/OR MILLIMETERS UNLESS OTHERWISE SHOWN	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
	N.C. R-2610B		
	STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
34481.1.1		P.E.	
34481.2.1		R/W & UTIL	
34481.3.1		CONST.	

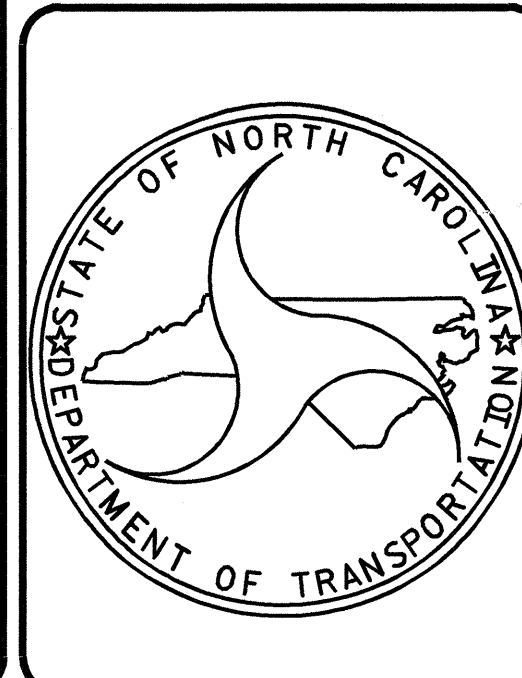


PROJECT VICINITY MAP

NEAREST SHIPPING POINT: BONLEE ON NORFOLK SOUTHERN RAILROAD, 4.8± KM FROM BRIDGE



**STRUCTURES**



**DESIGN DATA**

ADT 2004 =	11776-13197
ADT 2024 =	18466-20438
DHV =	10 %
D =	60 %
T =	17 % *
V =	100 kmh
* 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

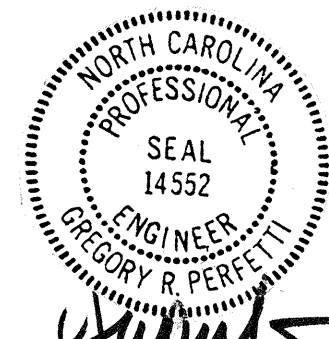
2002 STANDARD SPECIFICATIONS

**LETTING DATE:**  
SEPTEMBER 21, 2004

**J. M. BAILEY, P.E.**  
PROJECT ENGINEER

**D.A. DAVENPORT, JR., P.E.**  
PROJECT DESIGN ENGINEER

**STRUCTURE DESIGN UNIT**



*Gregory R. Perrelli*  
8/5/04

**DIVISION OF HIGHWAYS**  
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER

**DEPARTMENT OF TRANSPORTATION**  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED  
DIVISION ADMINISTRATOR

DATE

11 FEB 2004 14:55 5:55 PM 2004 14:55