

6/24/09

TIP: R-2514A

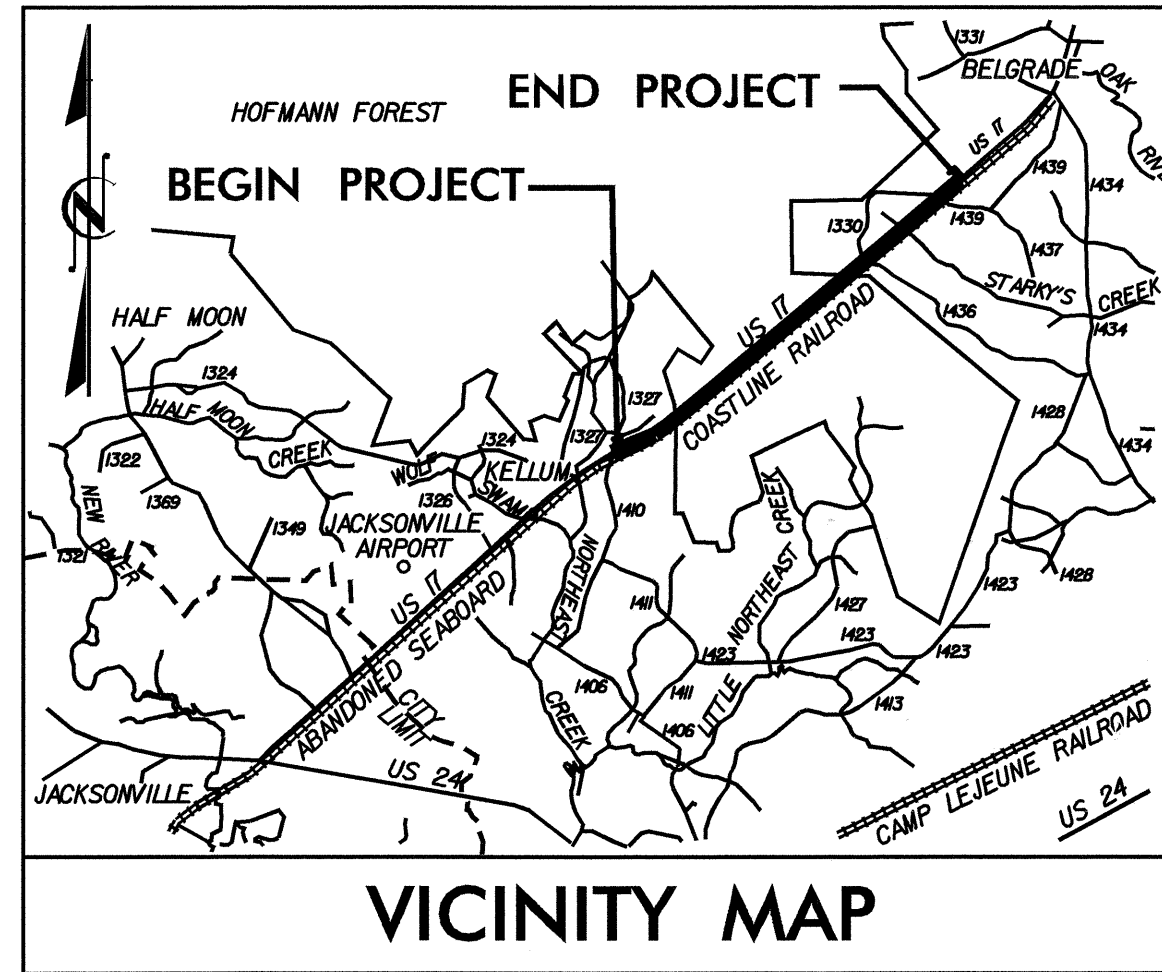
CONTRACT: C201357

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
ONSLOW COUNTY



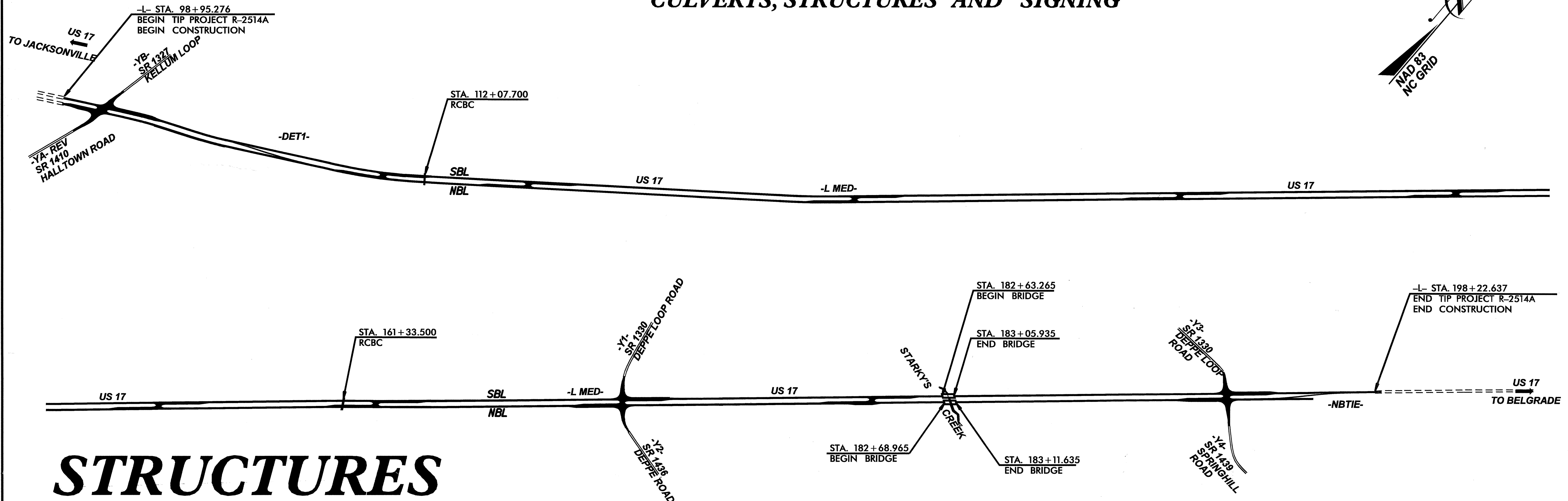
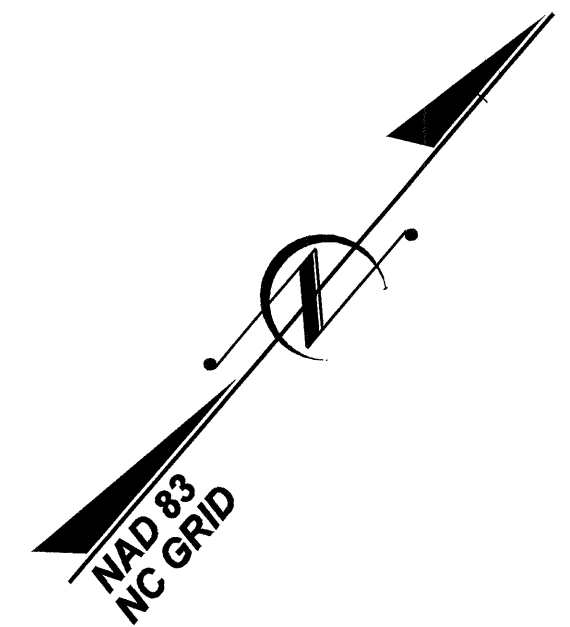
ALL DIMENSIONS IN THESE PLANS ARE IN METERS UNLESS OTHERWISE SHOWN

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2514A		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34442.1.1	NHF-17(7)	PE	
34442.2.2	NHF-17(7)	RW & UTIL	
34426.3.3		CONST.	

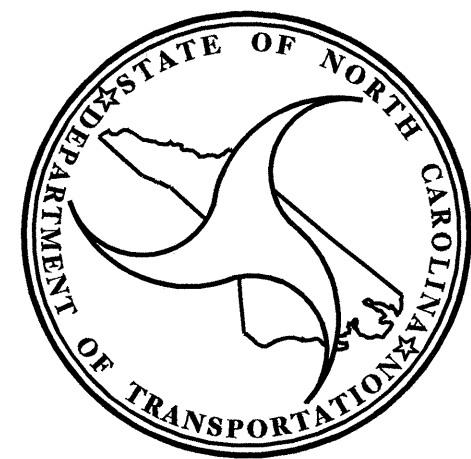


**LOCATION: US 17 NORTH OF JACKSONVILLE FROM
 SR 1327 /SR 1410 TO SR 1330 /SR 1439 SOUTH OF BELGRADE**

**TYPE OF WORK: WIDENING, GRADING, DRAINAGE, PAVING
 CULVERTS, STRUCTURES AND SIGNING**



STRUCTURES



DESIGN DATA

ADT 2005 = 20,080
 ADT 2025 = 29,600
 DHV = 10 %
 D = 60 %
 T = 13 % *
 V = 100 km/h

*(TTST 6% + DUAL 7%)

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-2514A = 9.885 km
 LENGTH STRUCTURE TIP PROJECT R-2514A = 0.042 km
 TOTAL LENGTH TIP PROJECT R-2514A = 9.927 km

Prepared in the Office of:
DIVISION OF HIGHWAYS
 1000 BIRCH RIDGE DRIVE
 RALEIGH, NC 27610

2002 STANDARD SPECIFICATIONS

LETTING DATE:
DECEMBER 21, 2004

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

B. D. KLAPPENBACH, P.E.
 PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT



**DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA**

STATE DESIGN ENGINEER
**DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION**

APPROVED
 DIVISION ADMINISTRATOR DATE

15 JUN 2004 14:07