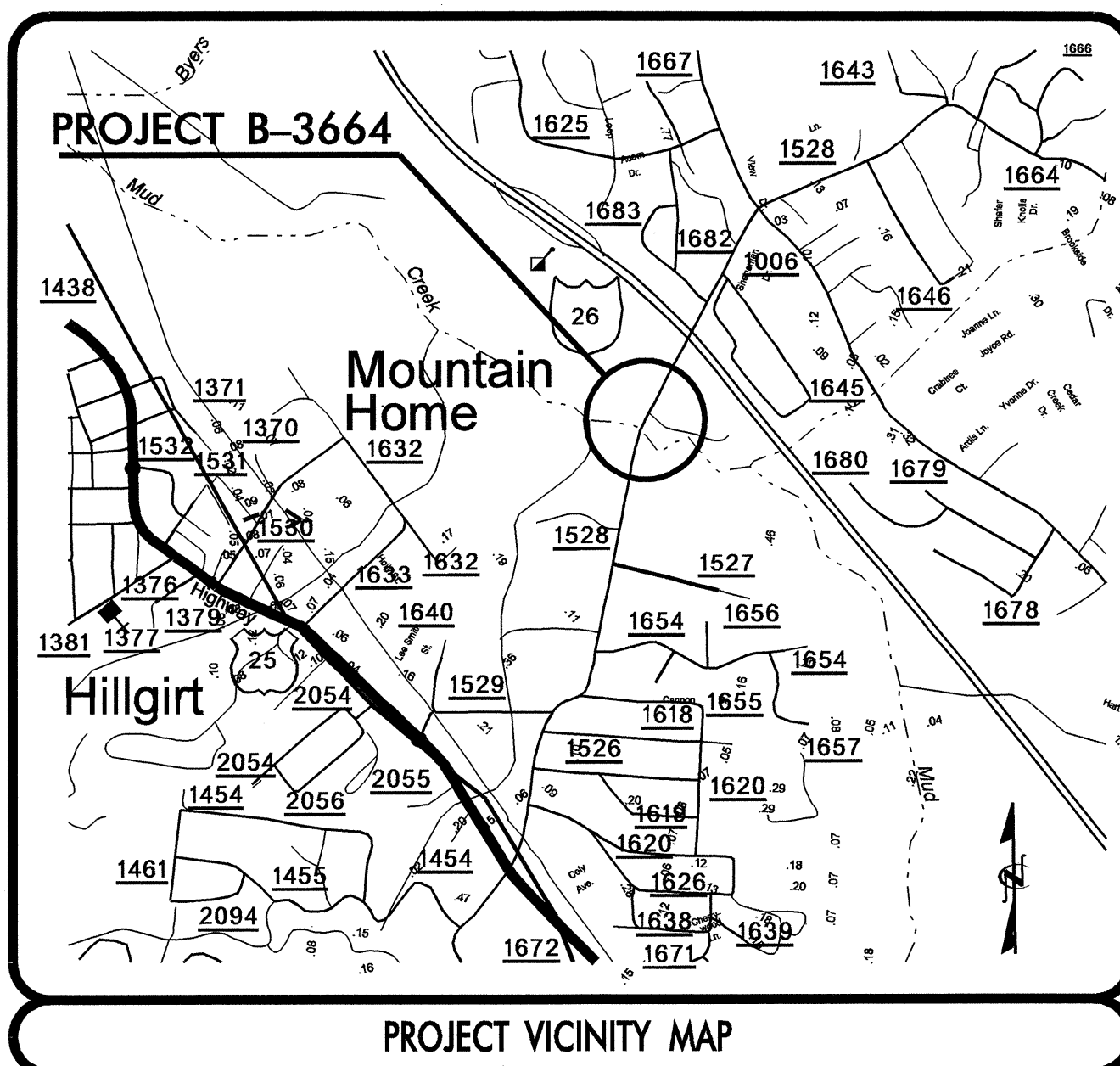


CONTRACT: C201254 TIP PROJECT: B-3664

STRUCTURE

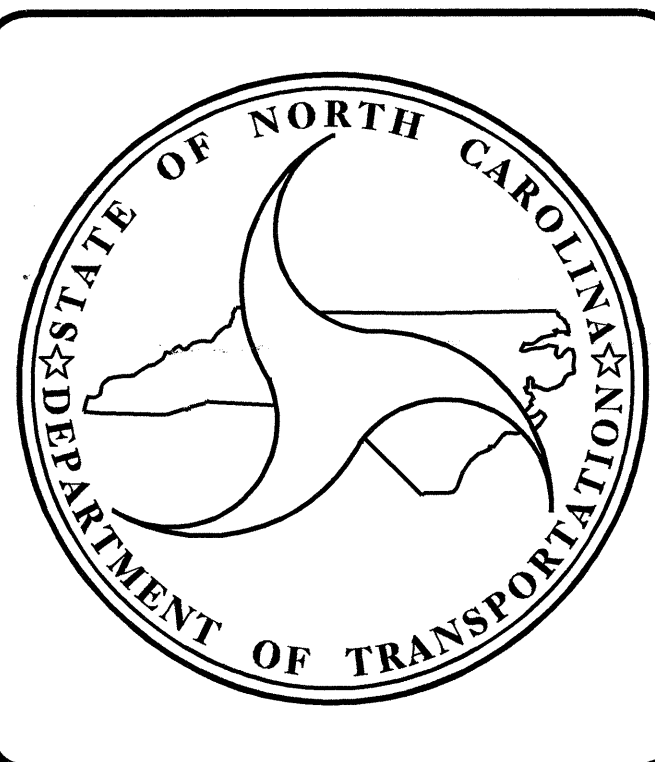
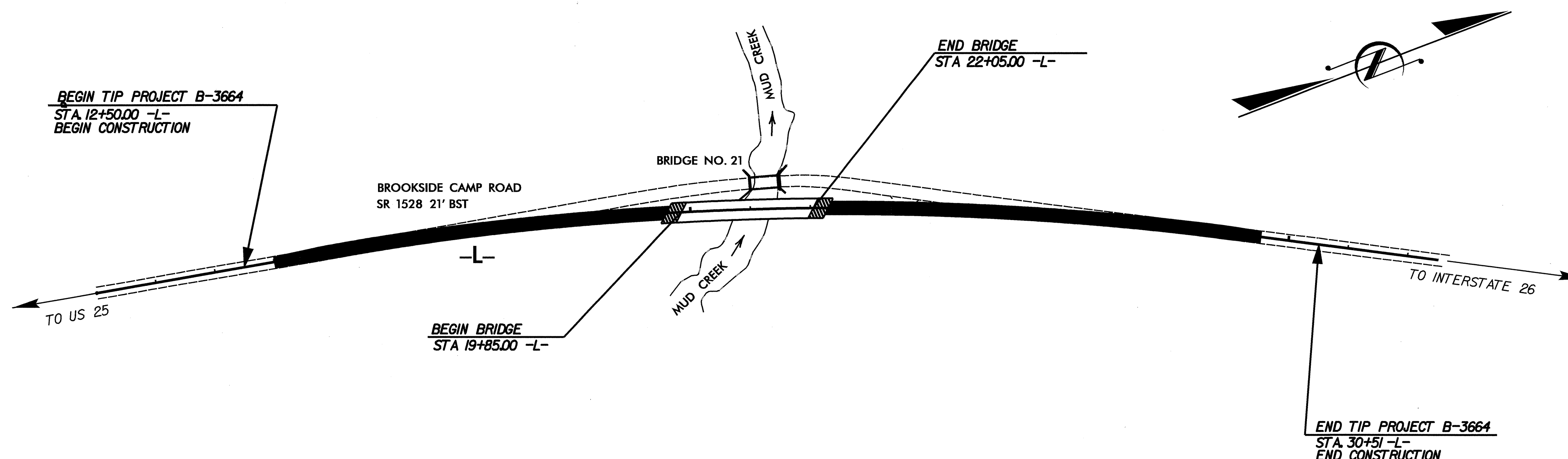


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

# HENDERSON COUNTY

LOCATION: BRIDGE NO. 21 OVER MUD CREEK ON SR 1528  
TYPE OF WORK: GRADING, PAVING, DRAINAGE,  
AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3664		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33209.1.1	BRZ-1528(2)	P.E.,	
33209.2.1	BRZ-1528(2)	P.E. FOR UTILITIES	
33209.3.1	BRZ-1528(3)	R / W CONST.	



**DESIGN DATA**

ADT 2005 =	5826
ADT 2025 =	10000
DHV =	10 %
D =	60 %
T =	3 % *
V =	40 MPH
FUNC CLASS :	RURAL COLLECTOR
* TTST 1 %	DUAL 2 %

**PROJECT LENGTH**

LENGTH ROADWAY OF TIP PROJECT B-3664 =	0.299 MI
LENGTH STRUCTURE OF TIP PROJECT B-3664 =	0.042 MI
TOTAL LENGTH OF TIP PROJECT B-3664 =	0.341 MI

Prepared In the Office of:

**DIVISION OF HIGHWAYS**

2002 STANDARD SPECIFICATIONS

LETTING DATE :  
JULY 19, 2005

Q. H. NGUYEN, PE  
PROJECT ENGINEER

MARC G. CHEEK, PE  
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT  
1000 BIRCH RIDGE DR.  
RALEIGH, N.C. 27610

*Gregory R. Peretti*  
6-8-05

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED  
DIVISION ADMINISTRATOR

DATE