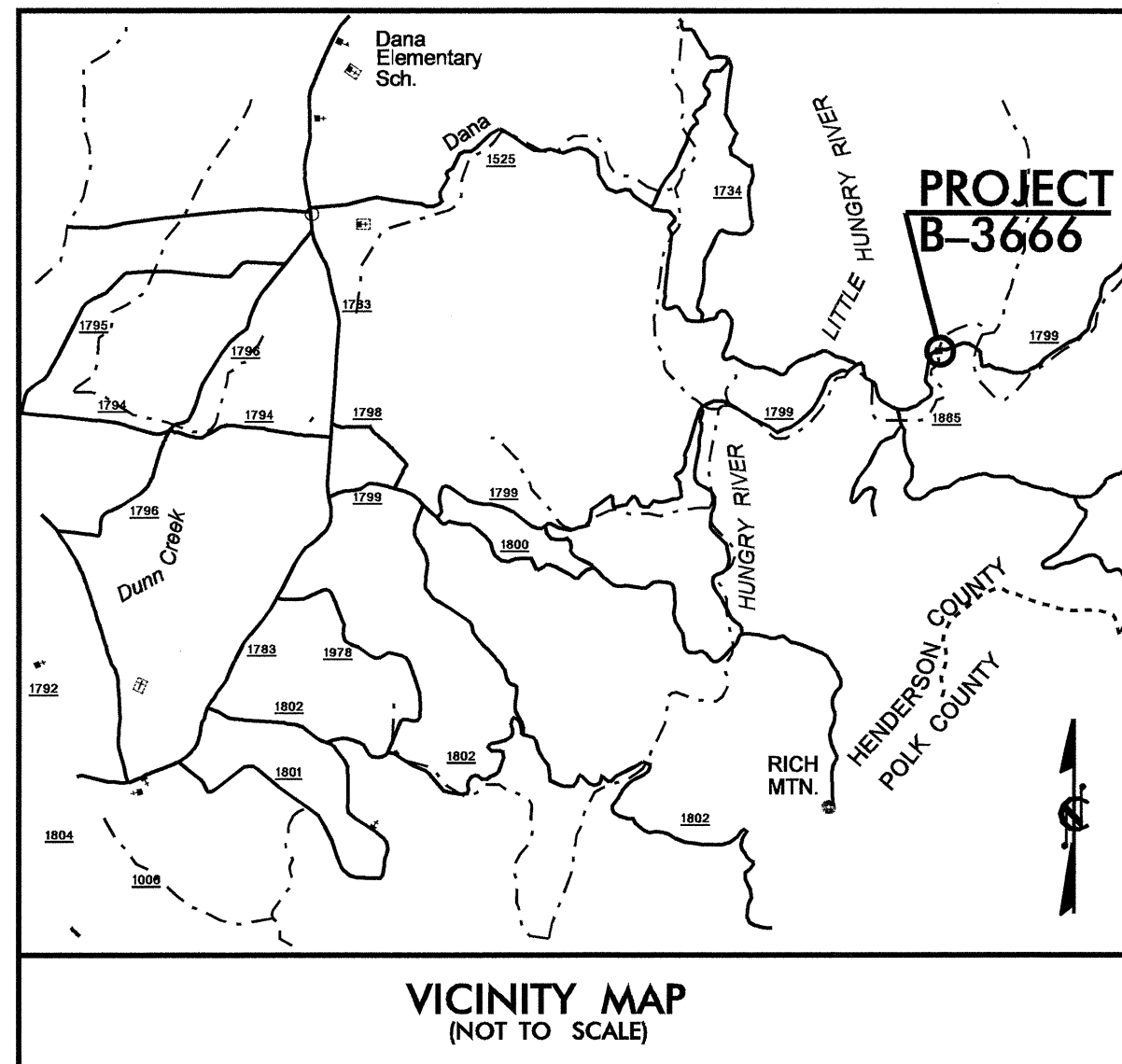


**CONTRACT: C201230 TIP PROJECT: B-3666**

**STRUCTURE**



STATE OF NORTH CAROLINA

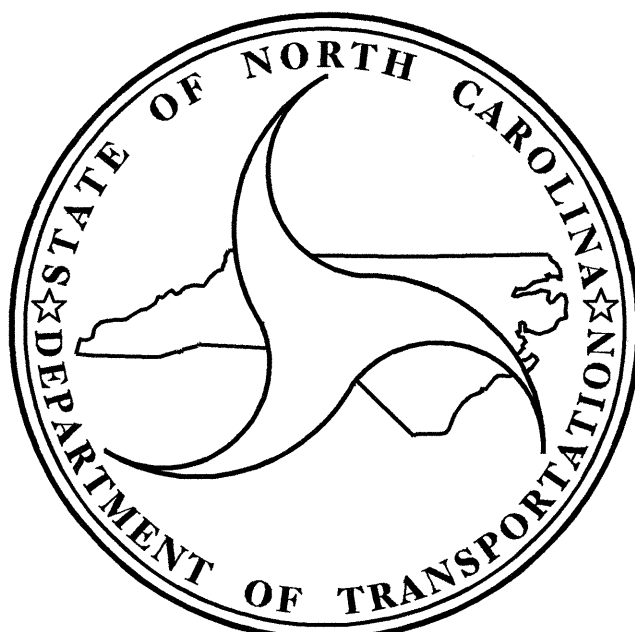
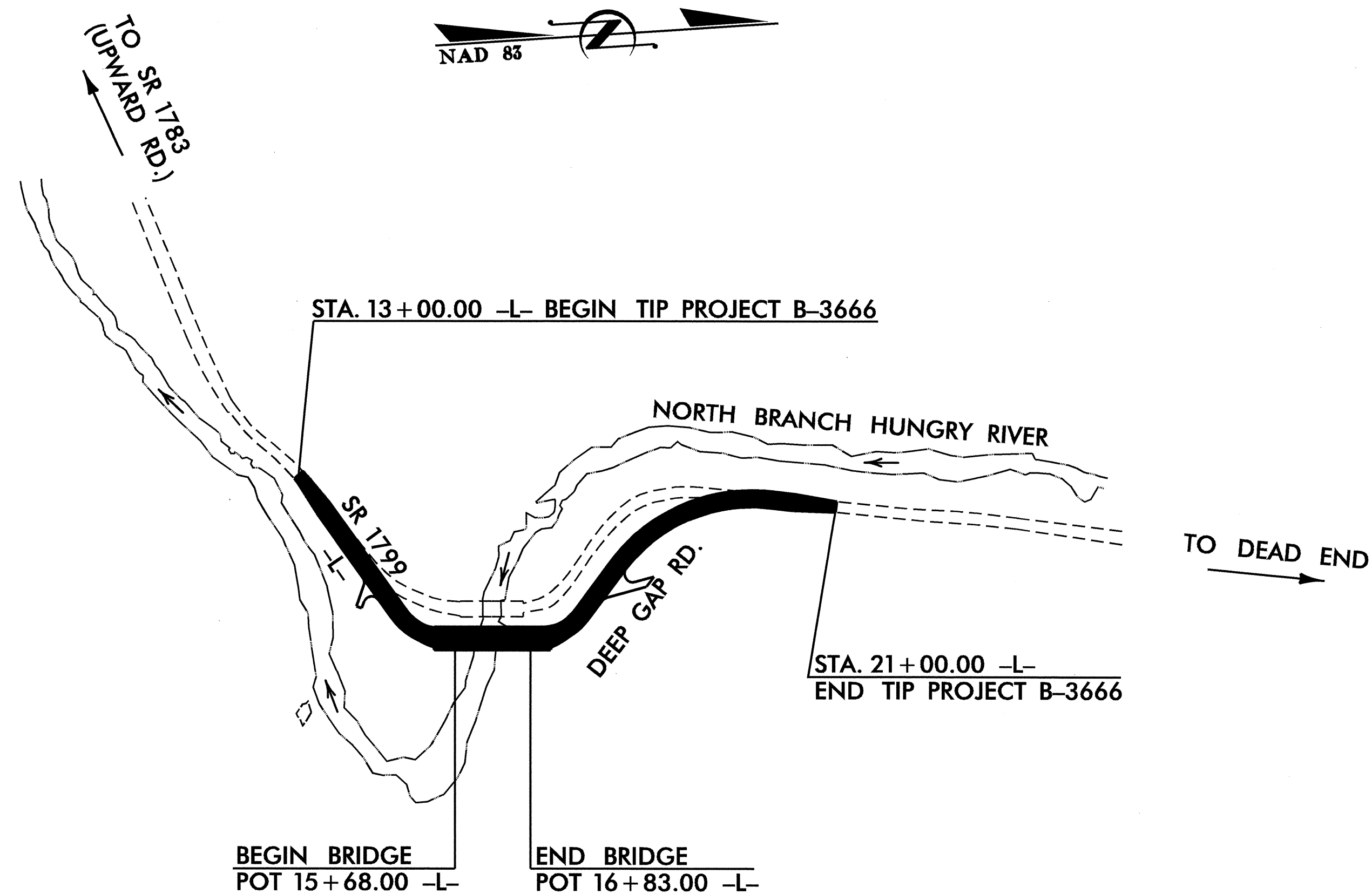
DIVISION OF HIGHWAYS

# HENDERSON COUNTY

**LOCATION: BRIDGE NO. 53 OVER NORTH BRANCH HUNGRY RIVER  
ON SR 1799 (DEEP GAP RD)**

**TYPE OF WORK: GRADING, PAVING, DRAINAGE, AND STRUCTURE**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3666		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33211.1.1	BRZ-1799(1)	P.E.	
33211.2.1	BRZ-1799(1)	RW, UTL	
33211.3.1	BRZ-1799(1)	CONST.	



**DESIGN DATA**

ADT 2005 = 64  
 ADT 2025 = 100  
 DHV = 15%  
 D = 65%  
 \* T = 3%  
 \*\* V = 40 mph  
 Func Class = Local  
 \* (Duals = 2% + TTST = 1%)  
 \*\* Design Exception - Design Speed

**PROJECT LENGTH**

LENGTH ROADWAY OF TIP PROJECT B-3666 = 0.130 MI  
 LENGTH STRUCTURE OF TIP PROJECT B-3666 = 0.022 MI  
 TOTAL LENGTH OF TIP PROJECT B-3666 = 0.152 MI

Prepared In the Office of:

**DIVISION OF HIGHWAYS**

2002 STANDARD SPECIFICATIONS

LETTING DATE :  
 AUGUST 16, 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



DIVISION OF HIGHWAYS  
 STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER  
 DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 DIVISION ADMINISTRATOR