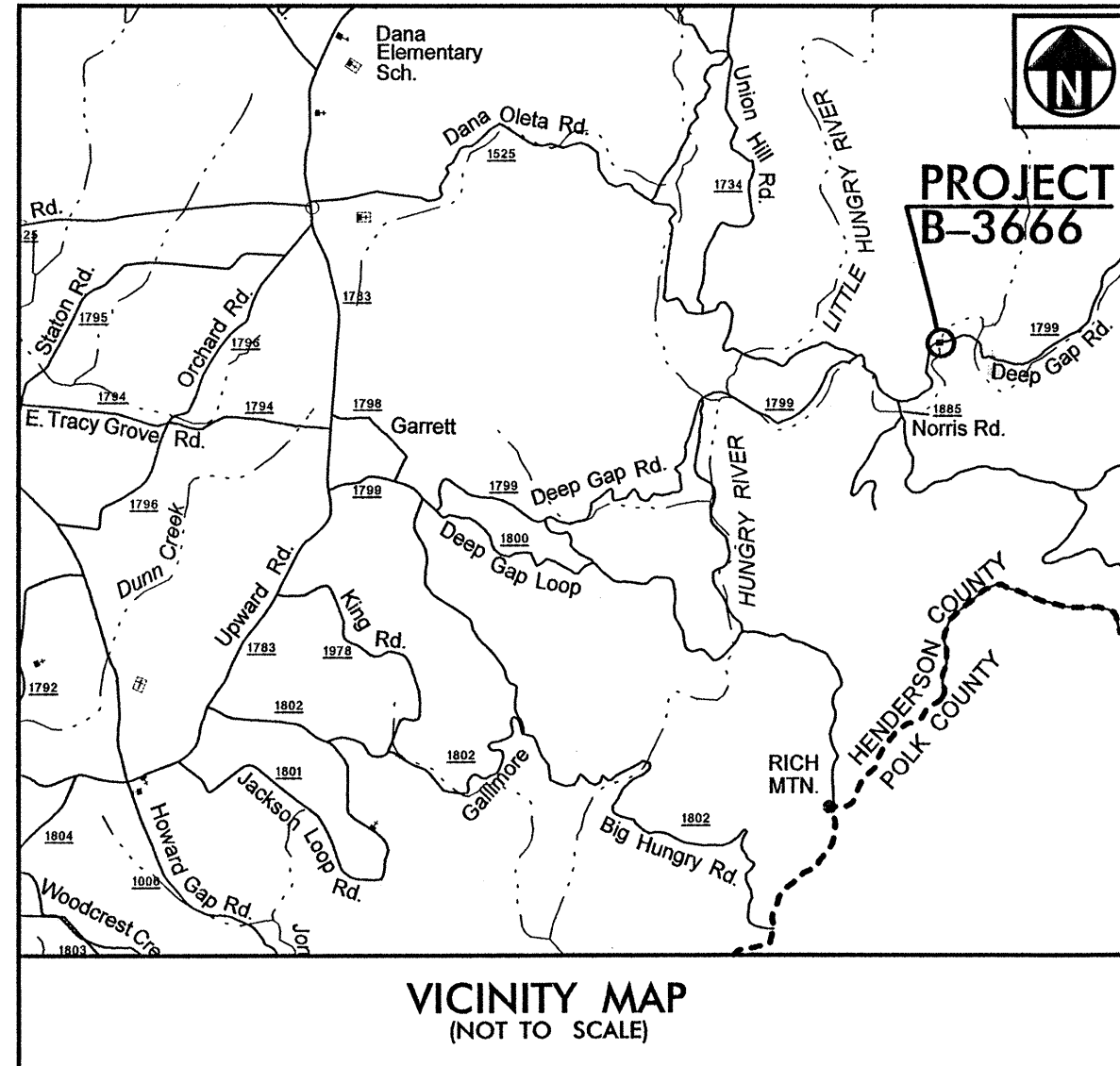


CONTRACT: C201230 TIP PROJECT: B-3666

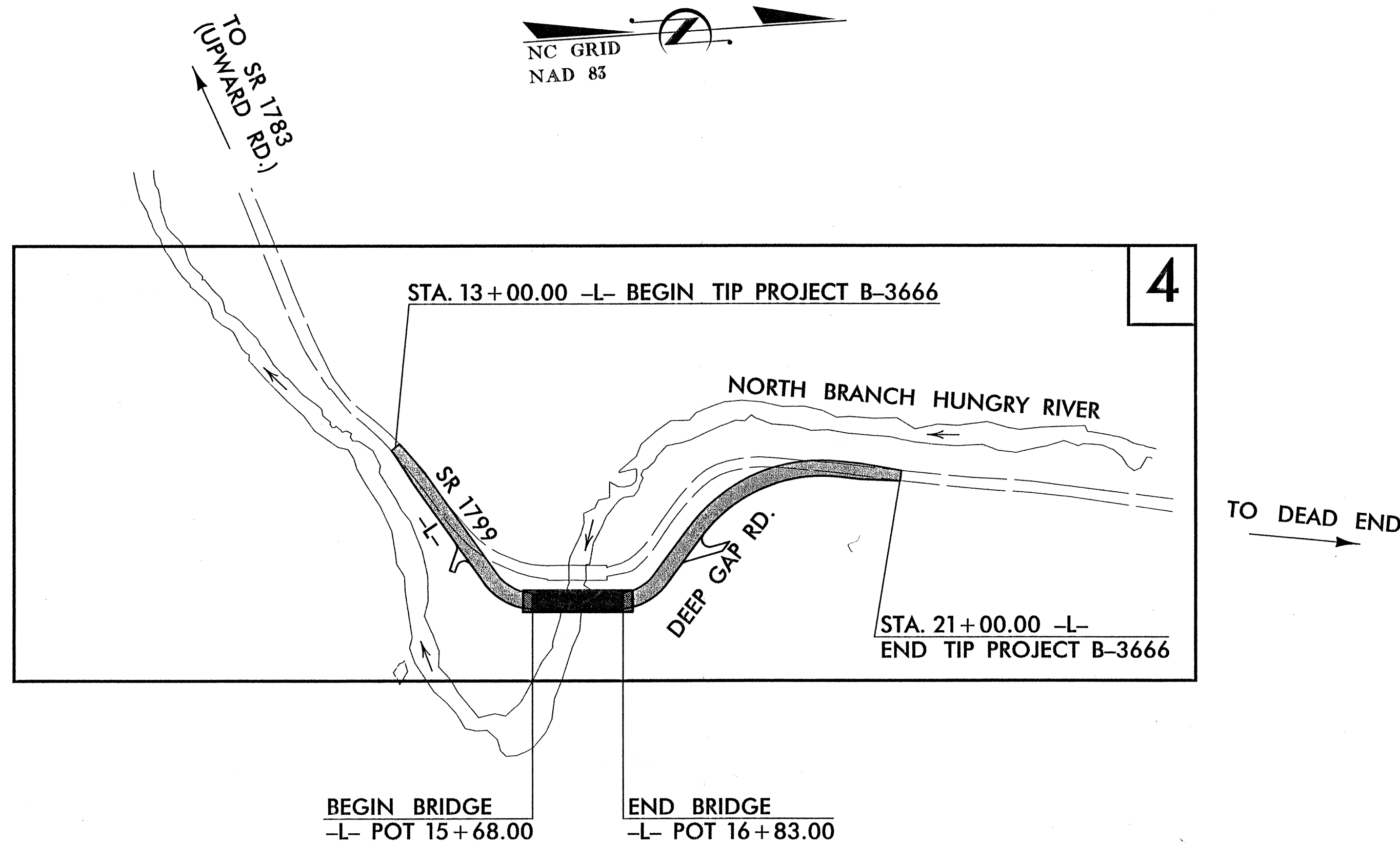
See Sheet 1-A For Index of Sheets
See Sheet 1-B For Conventional Symbols



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
HENDERSON COUNTY

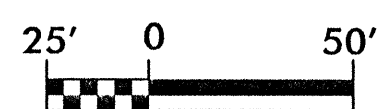
LOCATION: BRIDGE NO. 53 OVER NORTH BRANCH HUNGRY RIVER
ON SR 1799 (DEEP GAP RD)
TYPE OF WORK: GRADING, PAVING, DRAINAGE, AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3666	1	
WBS 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.	

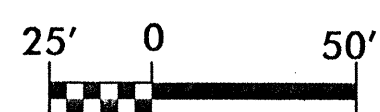


MULKEY
ENGINEERS & CONSULTANTS
PO Box 33127
RALEIGH, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)
WWW.MULKEYINC.COM

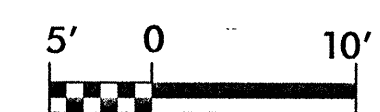
GRAPHIC SCALE



PLANS



PROFILE (HORIZONTAL)



PROFILE (VERTICAL)

DESIGN DATA

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

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3666 = 0.130 MILE
LENGTH STRUCTURES TIP PROJECT B-3666 = 0.022 MILE
TOTAL LENGTH TIP PROJECT B-3666 = 0.152 MILE

Prepared in the Office of:
Mulkey Engineers & Consultants
FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
APRIL 30, 2004

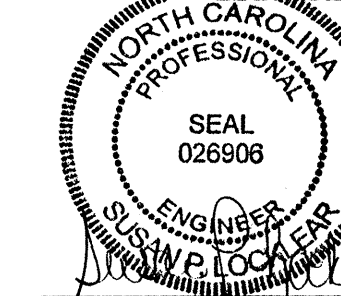
LETTING DATE:
AUGUST 16, 2005

NCDOT CONTACT: TERESA BRUTON, P.E.
DESIGN SERVICES - PROJECT ENGINEER

TIM JORDAN, PE
MULKEY E & C
PROJECT MANAGER

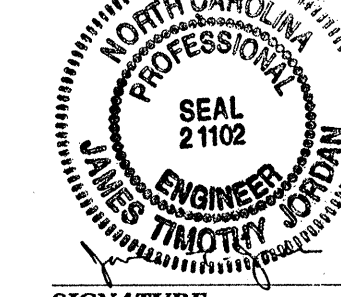
SUSAN LOCKLEAR, PE
MULKEY E & C
HYDRAULIC ENGINEER

HYDRAULICS ENGINEER



SIGNATURE: [Signature] 2-21-05 PE

ROADWAY DESIGN



SIGNATURE: [Signature] 2/21/05 PE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE HIGHWAY ENGINEER - DESIGN
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED FOR DIVISION ADMINISTRATOR DATE