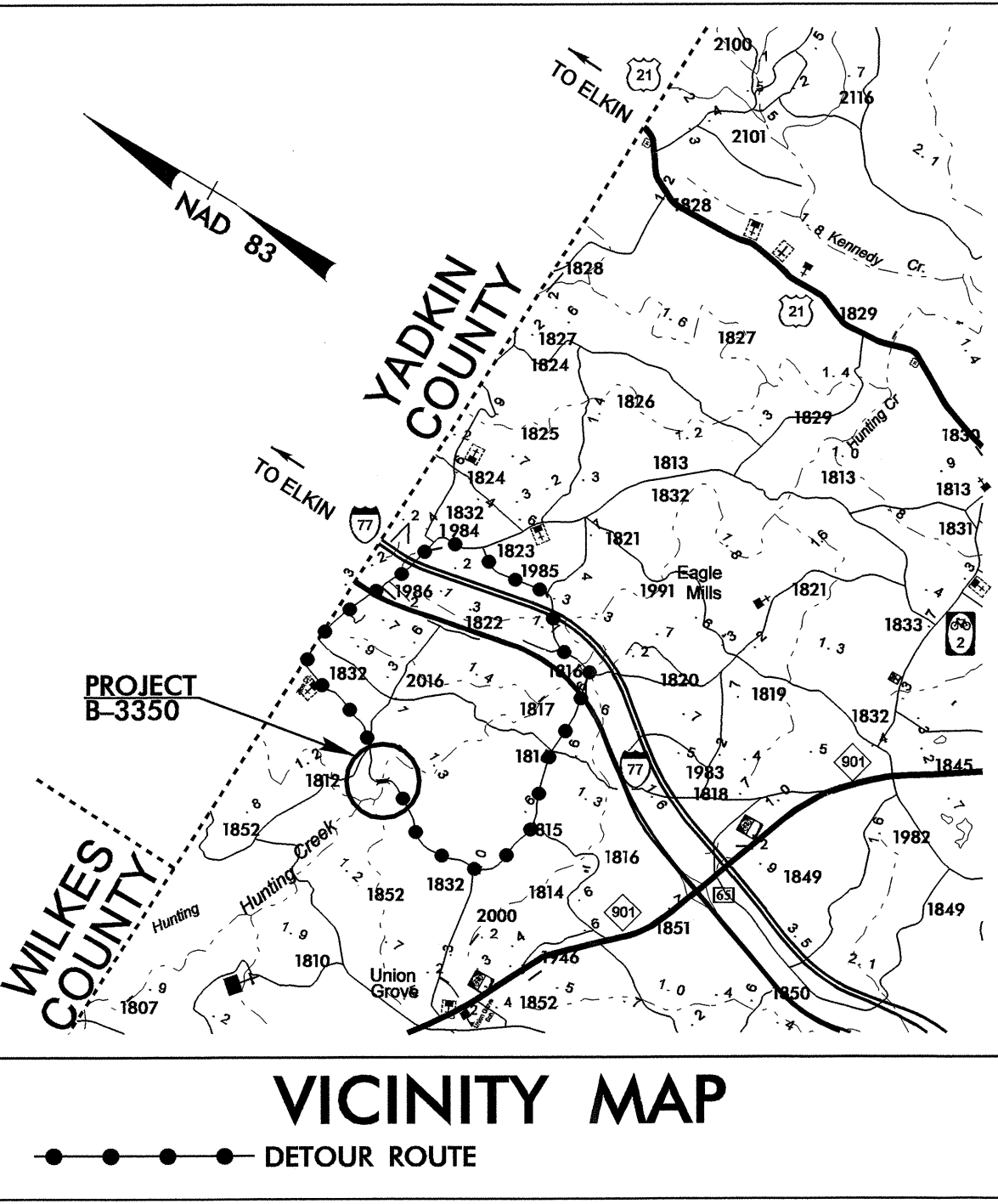


09/08/99

CONTRACT: C201164 TIP PROJECT: B-3350

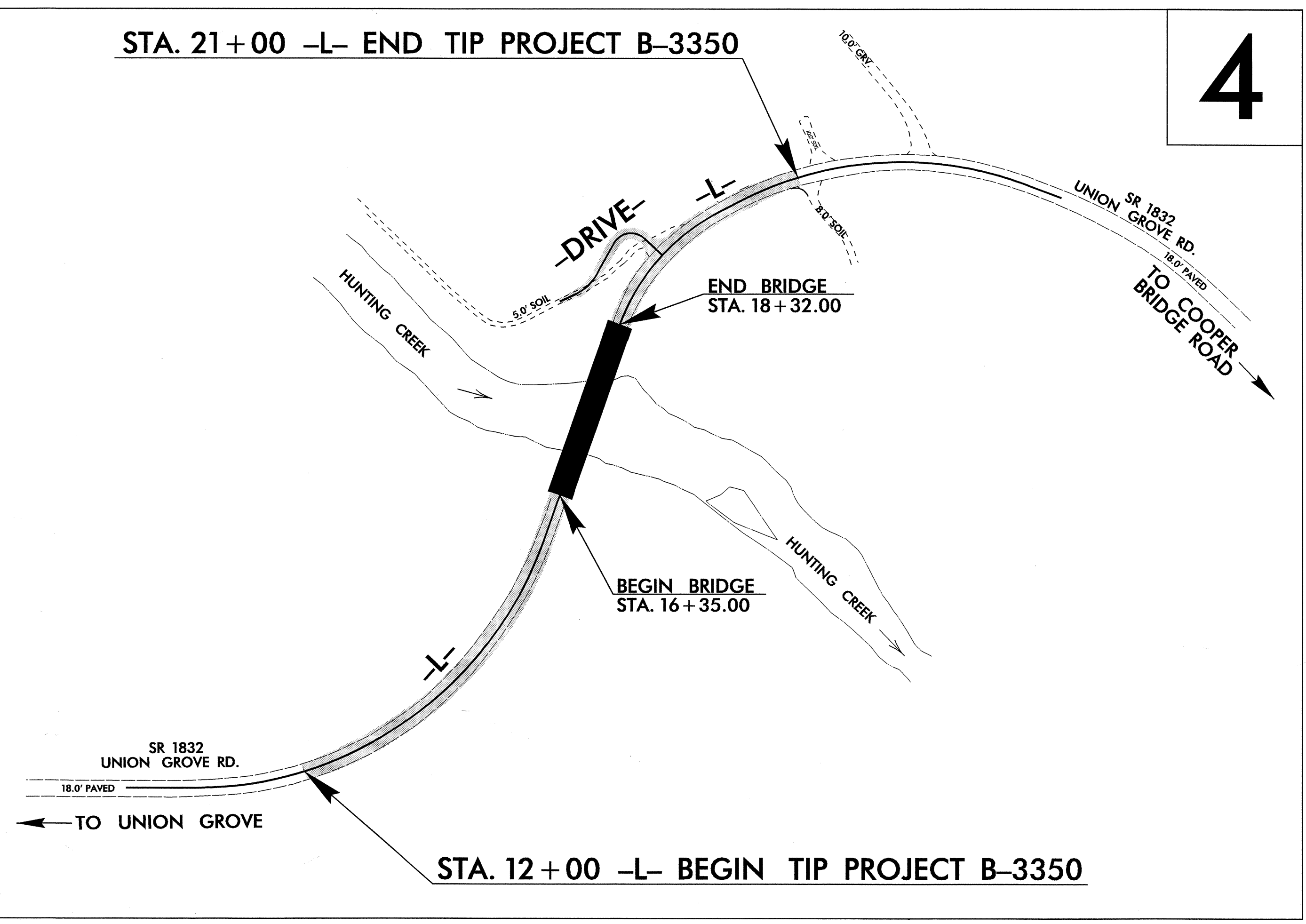
See Sheet 1-A For Index of Sheets
See Sheet 1-B For Conventional Symbols



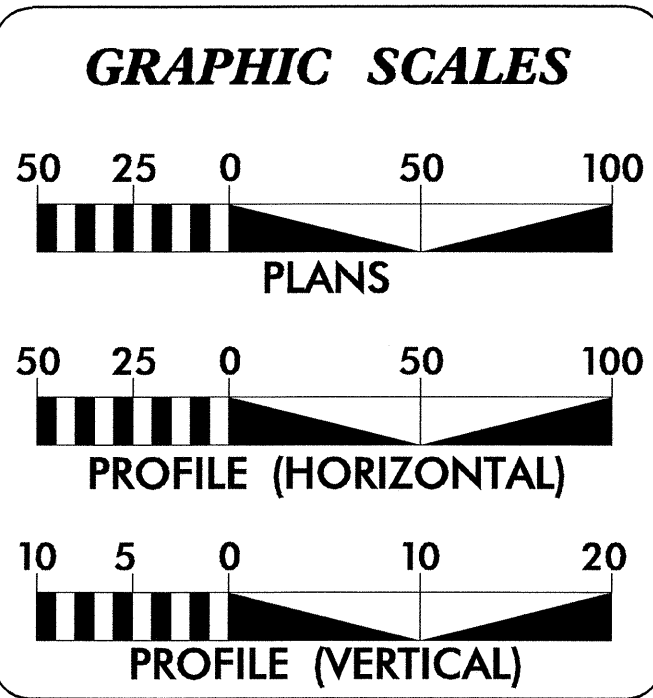
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
IREDELL COUNTY

LOCATION: BRIDGE NO. 292 OVER HUNTING CREEK ON SR 1832 (UNION GROVE ROAD)
TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURE, AND GUARDRAIL

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3350	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33008.1.1	BRZ-1832(1)	P.E.	
33008.2.1	BRZ-1832(1)	RW & UTILITIES	
33008.3.1	BRZ-1832(3)	CONST.	



**DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED, HORIZONTAL CURVE RADIUS, SAG VERTICAL CURVE, AND STOPPING SIGHT DISTANCE.



DESIGN DATA

ADT 2005 = 604
ADT 2025 = 900
DHV = 12 %
D = 60 %
T = 5 % *
V = 35 MPH **
* TTST 1 % DUAL 4 %

PROJECT LENGTH

LENGTH ROADWAY OF TIP PROJECT B-3350 = 0.134 Miles
LENGTH STRUCTURE OF TIP PROJECT B-3350 = 0.037 Miles
TOTAL LENGTH OF TIP PROJECT B-3350 = 0.171 Miles

Prepared in the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., NC, 27610

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
APRIL 22, 2004

LETTING DATE:
FEBRUARY 15, 2005

JAMES A. SPEER, PE
PROJECT ENGINEER

DANNY GARDNER
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

Paul E. Fisher
SIGNATURE: 11/22/04

ROADWAY DESIGN ENGINEER

James A. Speer
SIGNATURE: 11/22/04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

cut millan
STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

DATE

21-OCT-2004 15:31
D:\p\o\18330\18330.dwg
RD212399