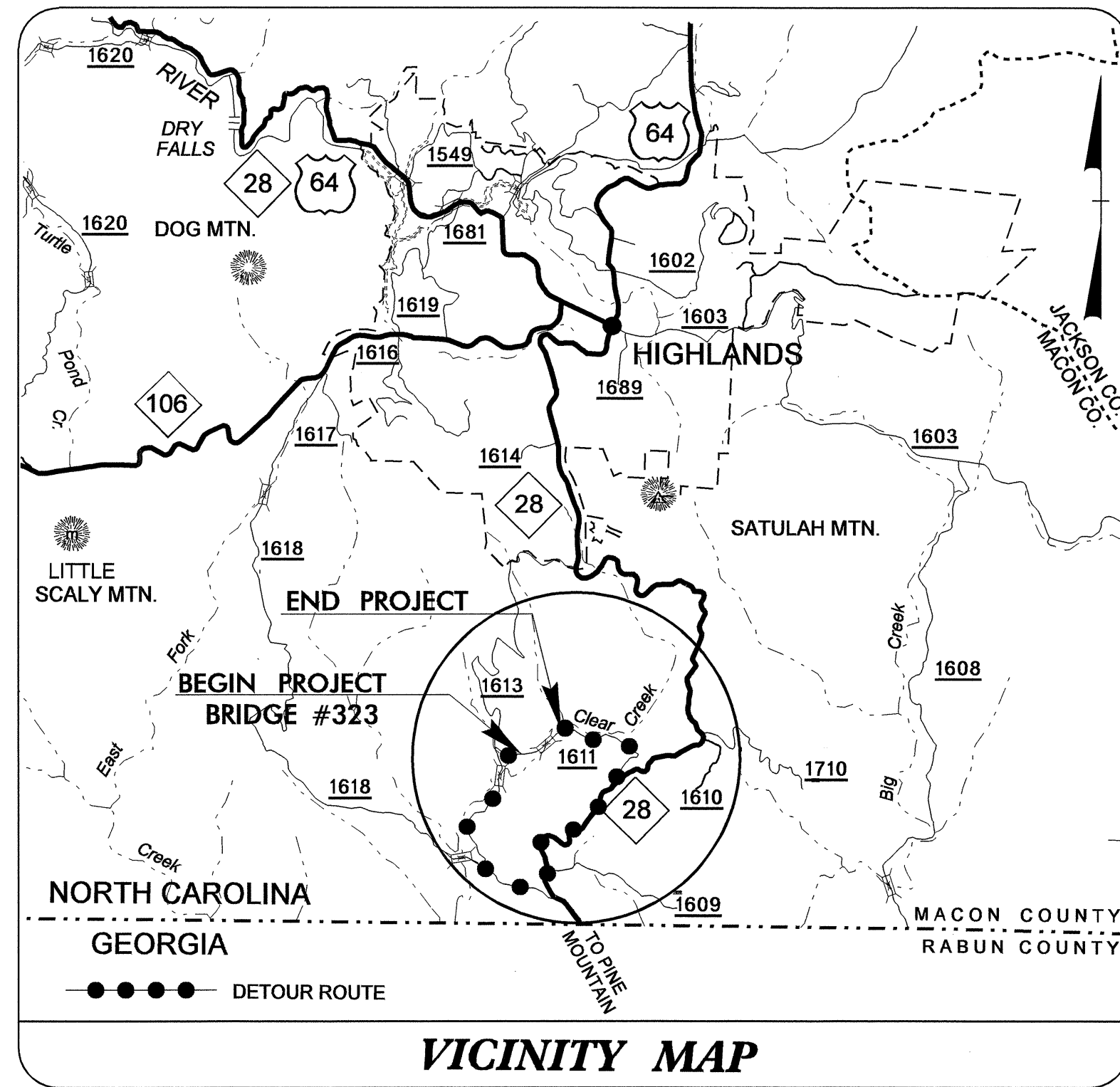


09/08/99

TIP PROJECT: B-4180

CONTRACT: C201070



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

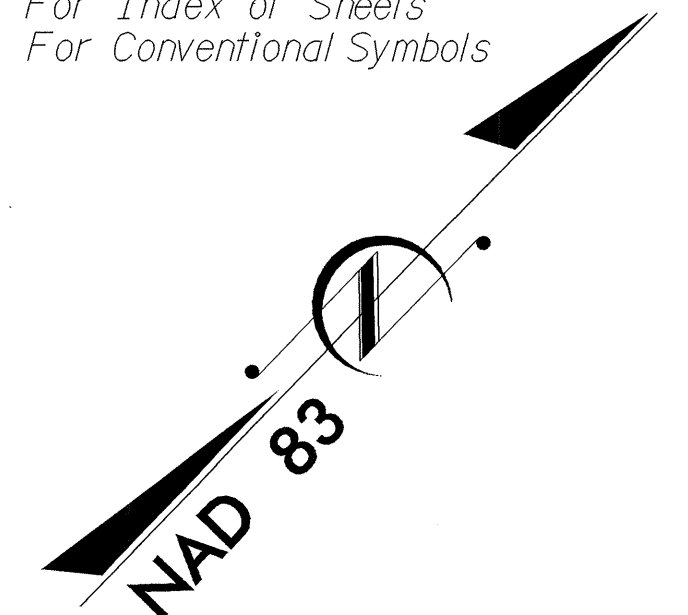
MACON COUNTY

**LOCATION: REPLACEMENT OF BRIDGE NO. 323 ON SR 1611
(SASSAFRAS GAP RD.) OVER CLEAR CREEK**

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

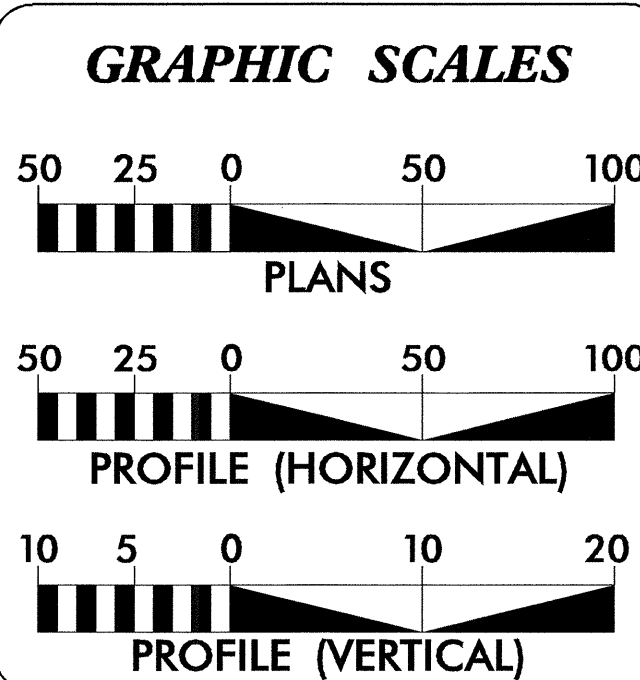
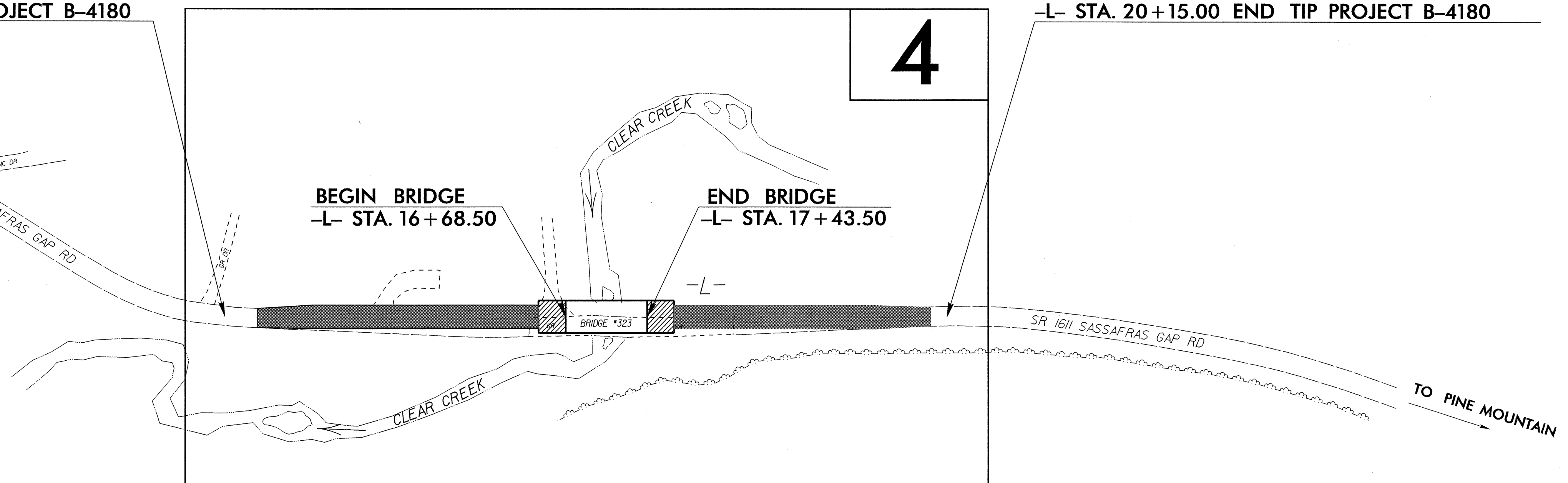
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4180	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33527.1.1	BRZ-1611(2)	P.E.	
33527.2.1	BRZ-1611(2)	RW, UTIL.	
33527.3.1	BRZ-1611(3)	CONST.	

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



-L- STA. 13+50.00 BEGIN TIP PROJECT B-4180

-L- STA. 20+15.00 END TIP PROJECT B-4180



DESIGN DATA

ADT 2004 = 105
ADT 2025 = 200
DHV = 10 %
D = 60 %
T = 3 % *
V = 60 MPH
* TTST 1% DUAL 2%
FUNC CLASS = LOCAL

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT B-4180 = 0.112 mi.
LENGTH OF STRUCTURE TIP PROJECT B-4180 = 0.014 mi.
TOTAL LENGTH OF TIP PROJECT B-4180 = 0.126 mi.

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

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: FEBRUARY 6, 2004
LETTING DATE: APRIL 19, 2005

JIMMY GOODNIGHT, P.E.
PROJECT ENGINEER

MARK HUSSEY
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 19885
W.A. YERGEN
SIGNATURE: 12-14-04

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 14493
JAMES STAFFORD GOODNIGHT, JR.
SIGNATURE: 12-13-04

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

Ant McMillan, P.E.
STATE DESIGN ENGINEER

**DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION**

APPROVED
DIVISION ADMINISTRATOR
DATE

13-DEC-2004 15:24
R:\Roadway\PC01\B4180_rdy_tsh.dgn
MRHussey AT