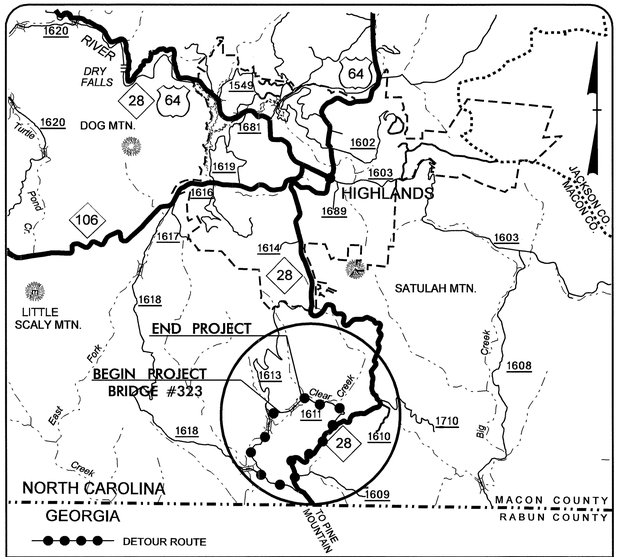
09/08/99

TIP PROJECT: B–4180

CONTRACT: C201070



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

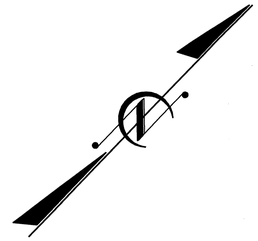
MACON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B–4180		

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
33527.1.1	BRZ–1611(2)	P.E.
33527.2.1	BRZ–1611(2)	R/W
33527.3.1	BRZ–1611(3)	CONST.

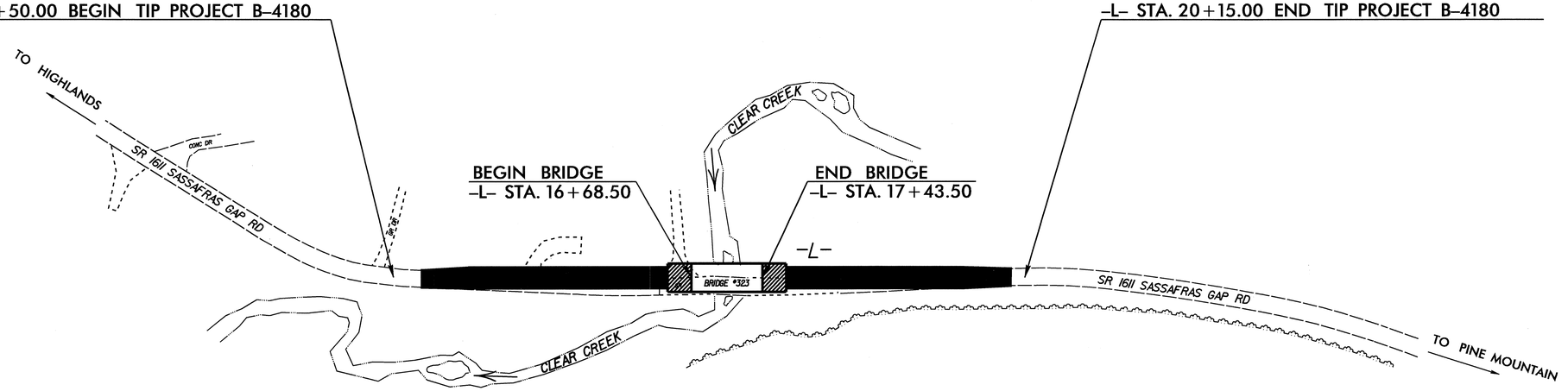
LOCATION: REPLACEMENT OF BRIDGE NO. 323 ON SR 1611 (SASSAFRAS GAP RD.) OVER CLEAR CREEK

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



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

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



STRUCTURE

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 ROADWAY TIP PROJECT B–4180 = 0.112 MI
LENGTH STRUCTURE TIP PROJECT B–4180 = 0.014 MI
TOTAL LENGTH TIP PROJECT B–4180 = 0.126 MI

Prepared In the Office of:
DIVISION OF HIGHWAYS
1000 BIRCH RIDGE DR., RALEIGH, N.C. 27610

2002 STANDARD SPECIFICATIONS

LETTING DATE:
APRIL 19, 2005

J. M. BAILEY, PE
PROJECT ENGINEER

B. D. KLAPPENBACH, PE
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT

NORTH CAROLINA PROFESSIONAL SEAL 14552 ENGINEER GREGORY R. PERFETTI
3.4.05

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

P.E.
STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR *DATE*

15-FEB-2005 09:06
$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$
bklappenbach