09/08/99

TIP PROJECT: B-3649

CONTRACT: C200860

STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3649		

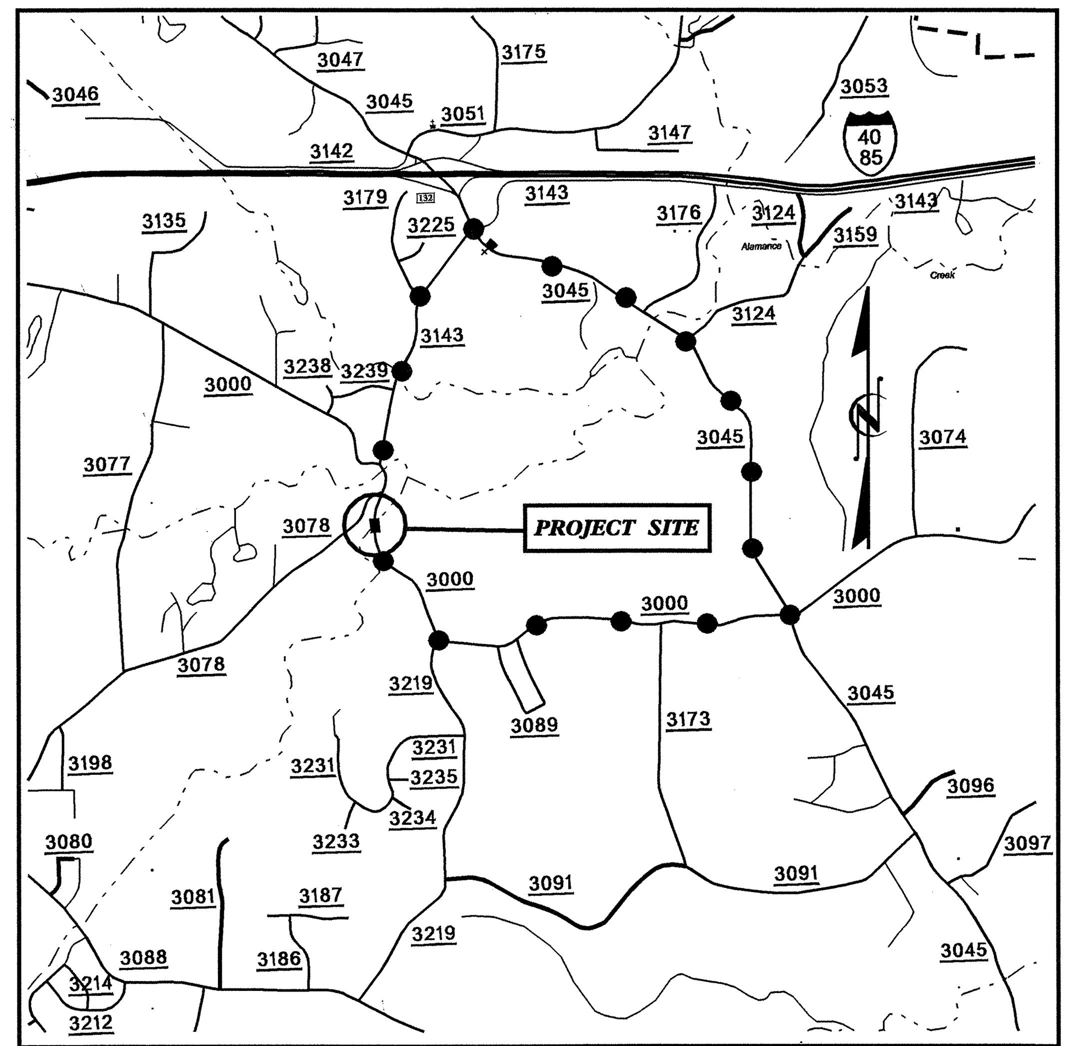
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
33195.1.1	BRZ-3000(2)	P.E.
33195.2.1	BRZ-3000(2)	R/W & UTIL.
33195.3.1	BRZ-3000(4)	CONST.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

GUILFORD COUNTY

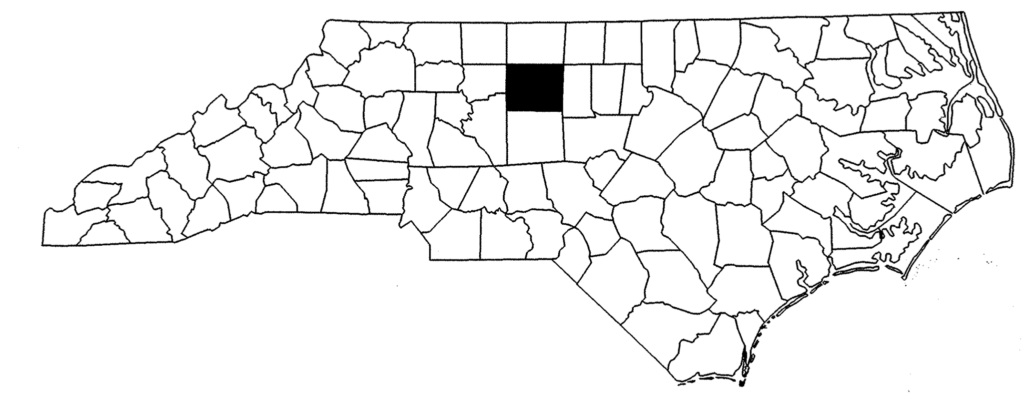
LOCATION: BRIDGE NO. 227 OVER BEAVER CREEK AND APPROACHES ON SR 3000 (McCONNELL ROAD)

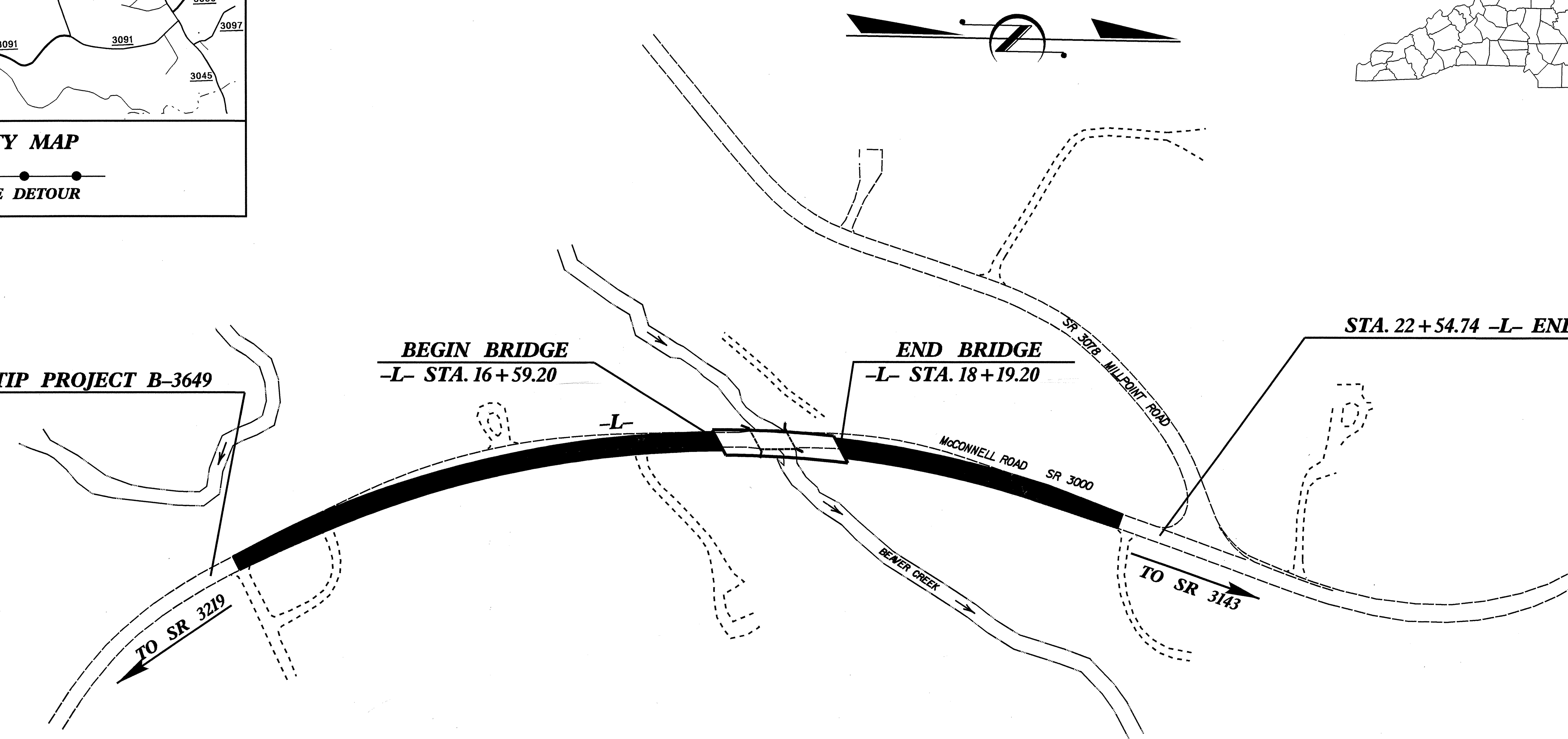
TYPE OF WORK: GRADING, PAVING, DRAINAGE, AND STRUCTURE



VICINITY MAP

OFF-SITE DETOUR





DESIGN DATA

ADT 2003 = 1600 VPD
ADT 2025 = 2700 VPD
DHV = 11 %
D = 68 %
* T = 5 %
V = 50 MPH
* (TTST 1% + DUAL 4%)
FUNC CLASS = RURAL LOCAL

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3649 = 0.215 MI
LENGTH STRUCTURE TIP PROJECT B-3649 = 0.030 MI
TOTAL LENGTH OF TIP PROJECT B-3649 = 0.245 MI

Prepared In the Office of:

DIVISION OF HIGHWAYS

1000 Birch Ridge Dr., Raleigh NC, 27610

2002 STANDARD SPECIFICATIONS

LETTING DATE:
AUGUST 17, 2004

R. M. GIROLAMI, PE
PROJECT ENGINEER

D. A. ANDERSON, PE
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT

NORTH CAROLINA PROFESSIONAL SEAL 14552 ENGINEER GREGORY R. PERFETTI

6/5/04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

P.E.
STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR *DATE*

20-FEB-2004 10:25
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danderson