

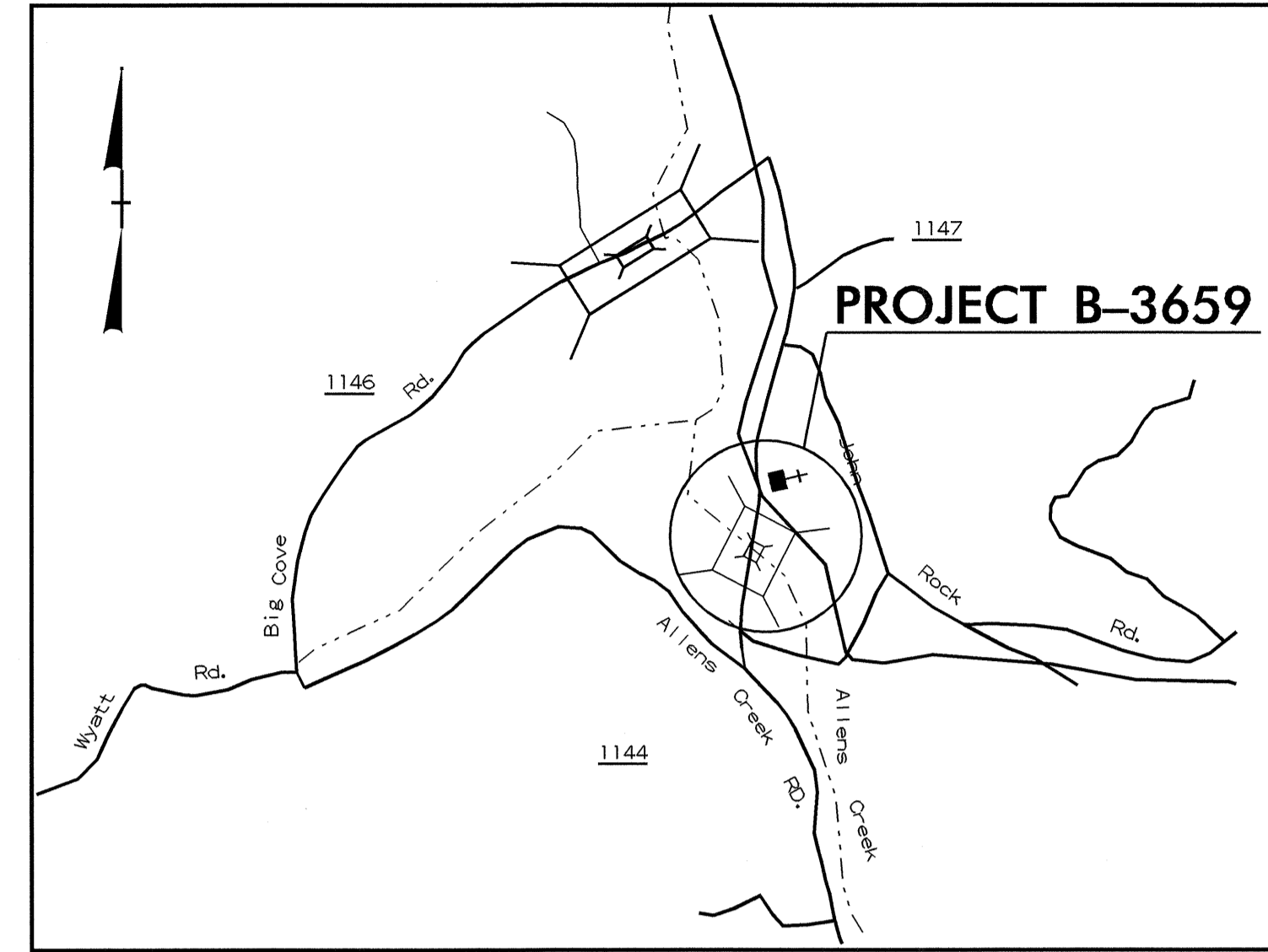
CONTRACT: C200862 TIP PROJECT: B-3659

STRUCTURE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

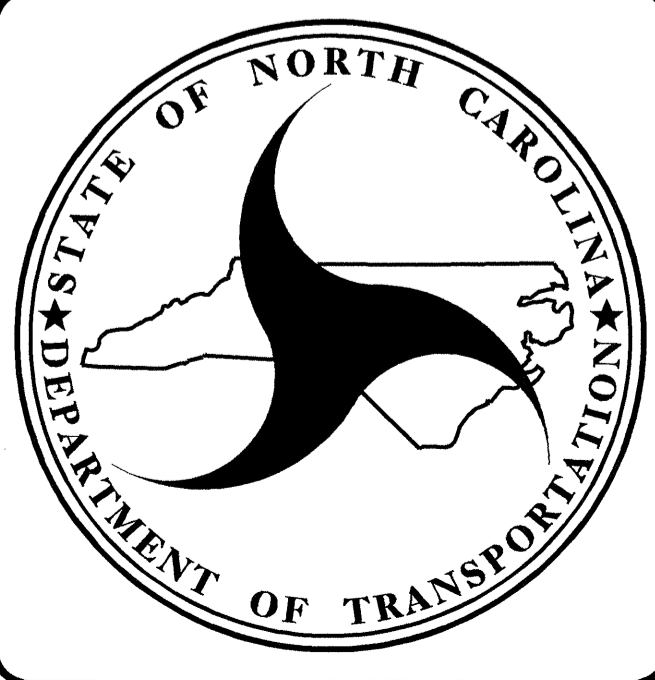
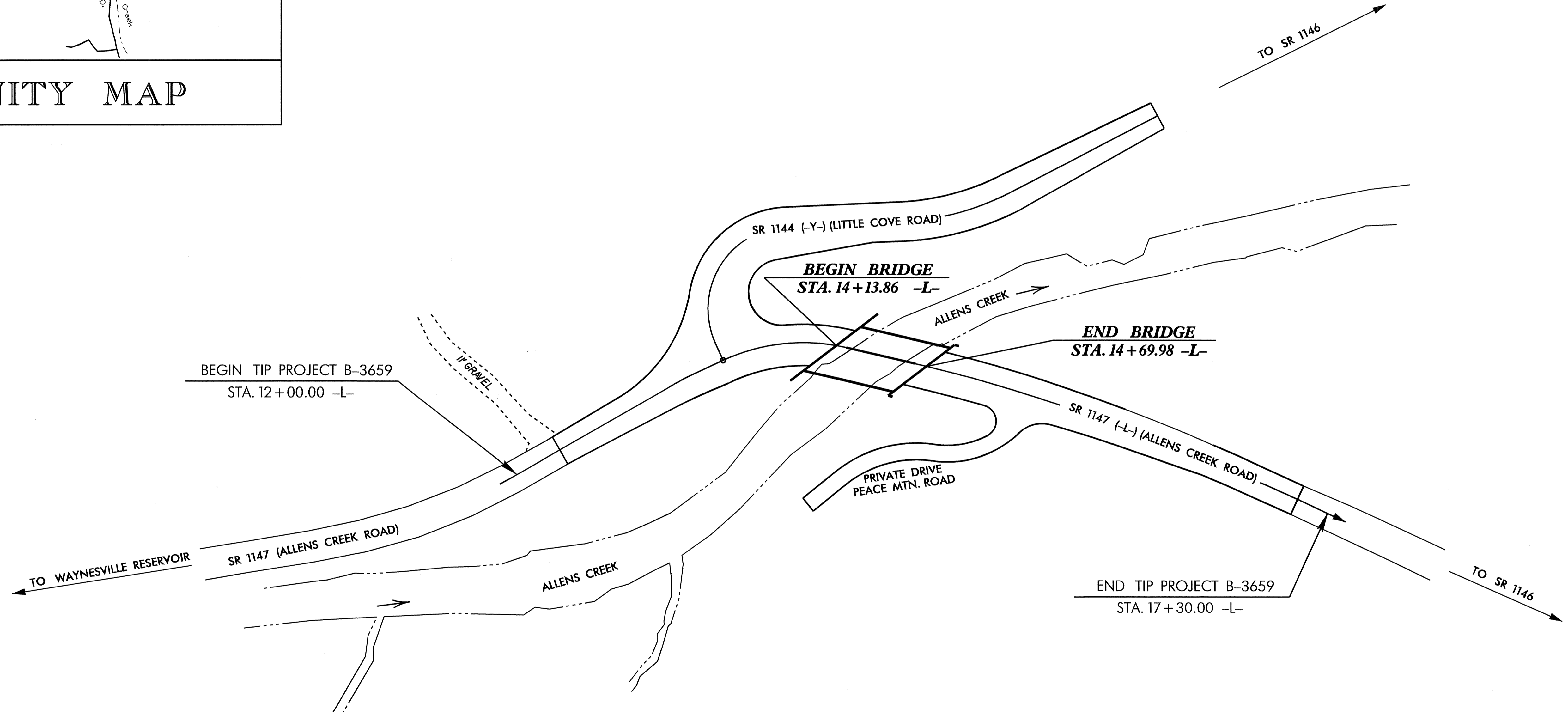
HAYWOOD COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3659		
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
33204.1.1	BRZ-1147(4)	PE	
33204.2.2	BRZ-1147(4)	RW & UTIL	
33204.3.1	BRZ-1147(9)	CONSTR.	



LOCATION: BRIDGE NO. 112 OVER ALLENS CREEK AND APPROACHES ON SR 1147 (ALLENS CREEK ROAD)

TYPE OF WORK: GRADING, PAVING, DRAINAGE AND STRUCTURE



DESIGN DATA

ADT 2004 = 338
ADT 2024 = 492
DHV = 10 %
D = 60 %
T = 3 % *
V = 15 MPH

* TTST 1 % DUAL 2 %

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-3659 = 0.089 MILES
LENGTH STRUCTURE TIP PROJECT B-3659 = 0.011 MILES
TOTAL LENGTH TIP PROJECT B-3659 = 0.100 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS

2002 STANDARD SPECIFICATIONS

LETTING DATE:
FEBRUARY 15, 2005

JOHN C. FRYE, P.E.
PROJECT ENGINEER

BRIAN C. HANKS, P.E.
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT
1000 BIRCH RIDGE DRIVE
RALEIGH, NC 27610

PROFESSIONAL ENGINEER
SEAL 14552
FREDRICK R. PERFETTI

12-14-04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

DATE