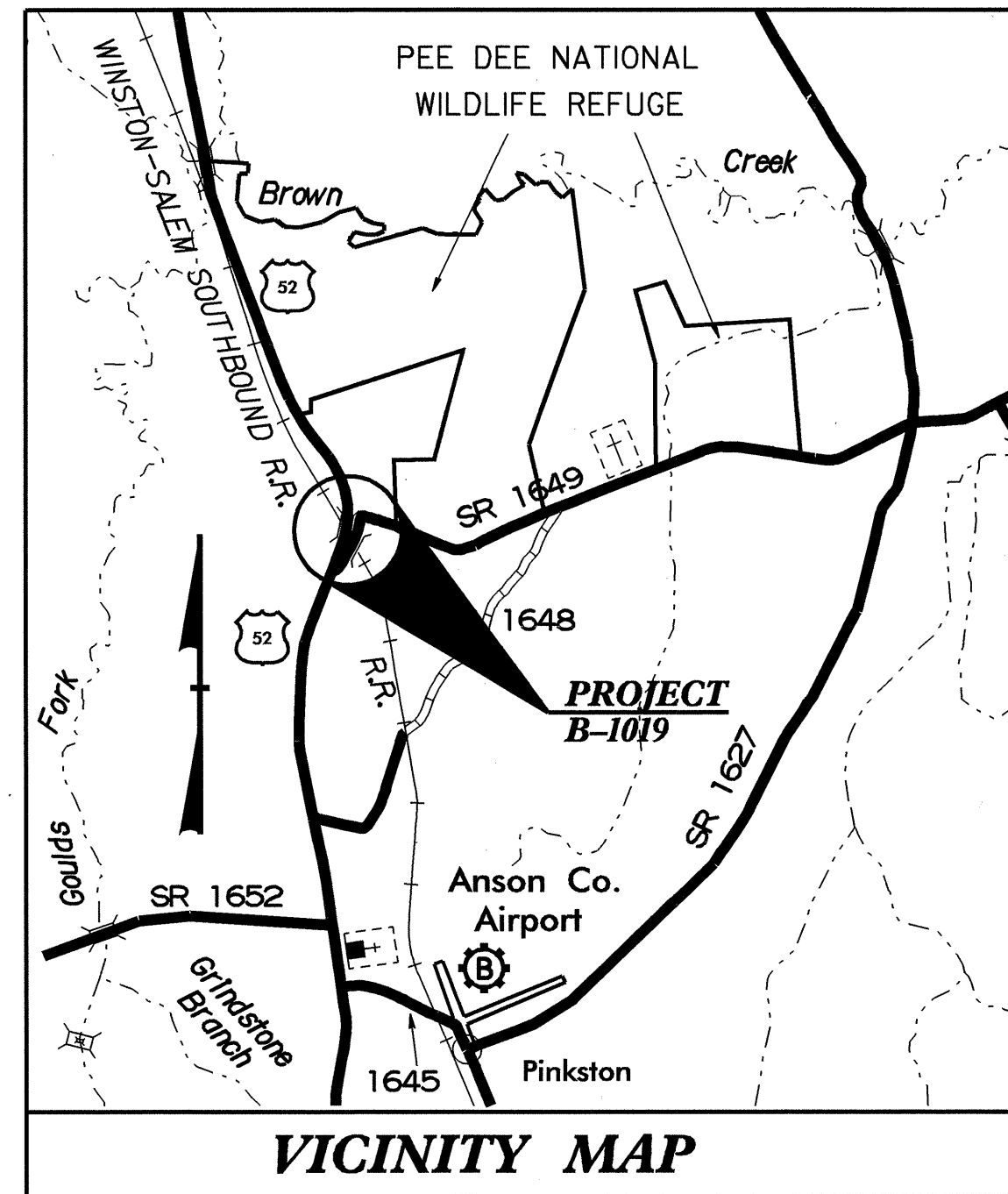


CONTRACT: C200954 TIP PROJECT: B-1019



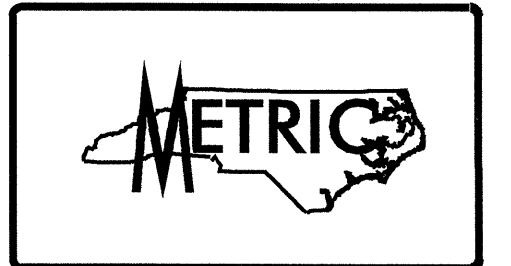
VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
ANSON COUNTY

LOCATION: REPLACE BRIDGE NO. 56 ON US-52, AND REMOVE BRIDGE NO. 306 ON SR 1649 (PLEASANT GROVE CHURCH ROAD), OVER WINSTON-SALEM SOUTHBOUND RAILWAY

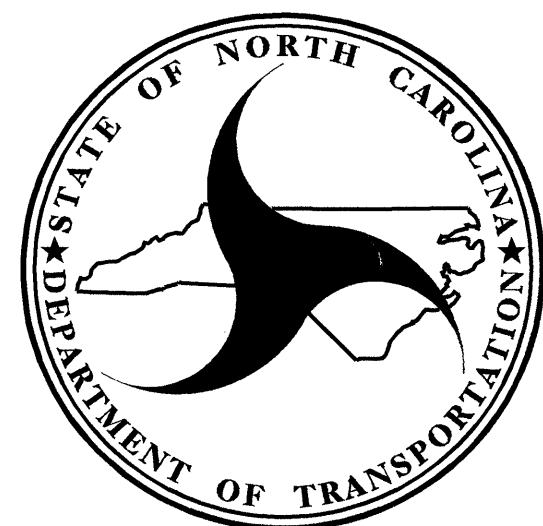
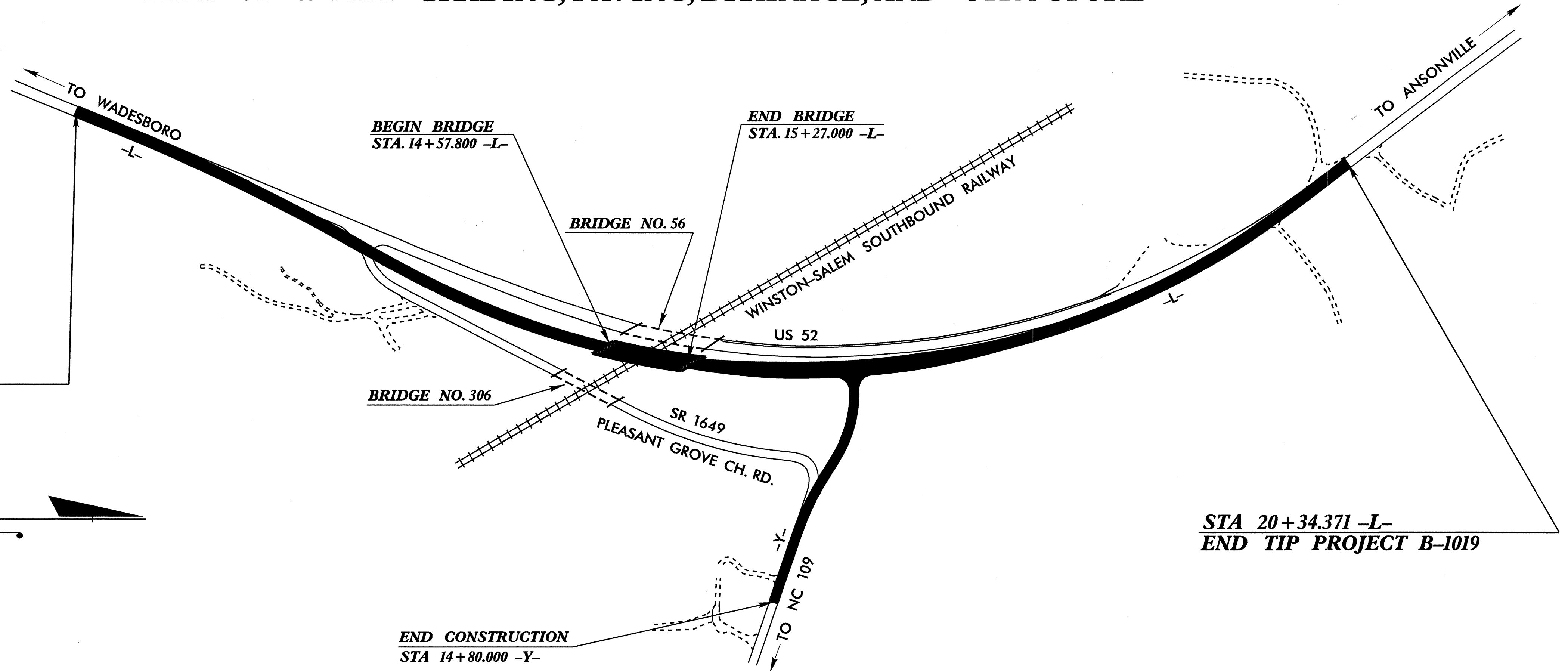
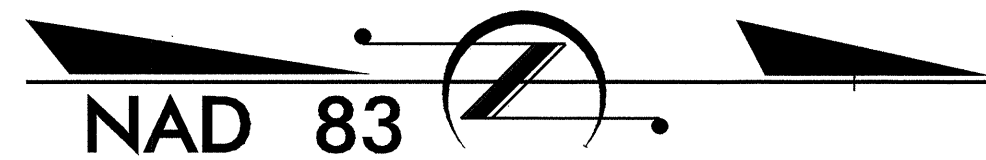
TYPE OF WORK: GRADING, PAVING, DRAINAGE, AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-1019		
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
32578.1.1	BRNH-52(11)	P.E.	
32578.2.1	BRNH-52(11)	ROW	
32578.3.2	BRNH-52(20)	CONST.	



STRUCTURE

STA 10+49.033 -L-
BEGIN TIP PROJECT B-1019



DESIGN DATA

ADT 2004 = 5,110
ADT 2025 = 9,000
DHV = 10 %
D = 55 %
T = 11 % *
V = 100 km/h
* TTST 7% DUAL 4%

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-1019 = 0.916 km
LENGTH STRUCTURE TIP PROJECT B-1019 = 0.069 km
TOTAL LENGTH TIP PROJECT B-1019 = 0.985 km

Prepared In the Office of:
DIVISION OF HIGHWAYS

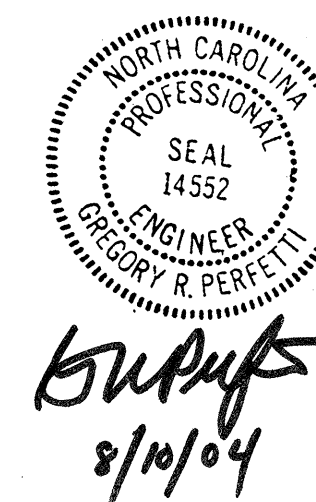
2002 STANDARD SPECIFICATIONS

LETTING DATE:
SEPTEMBER 21, 2004

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



DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

P.E.
STATE DESIGN ENGINEER
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR
DATE