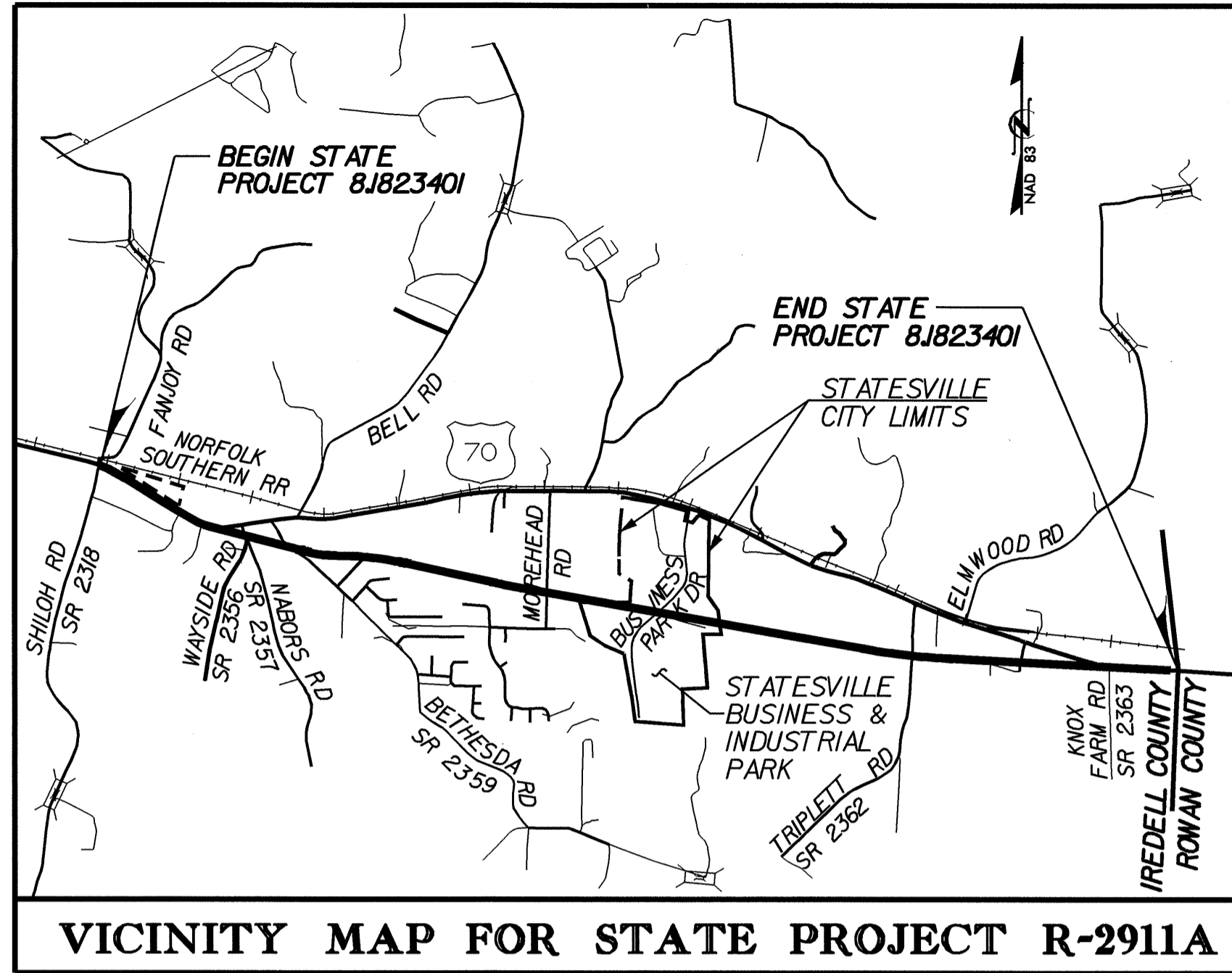


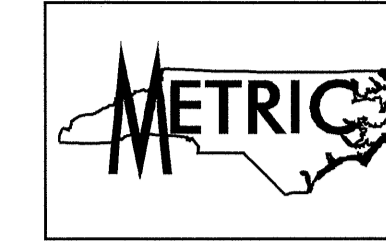
R-2911A

CONTRACT: C200809

STRUCTURES



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

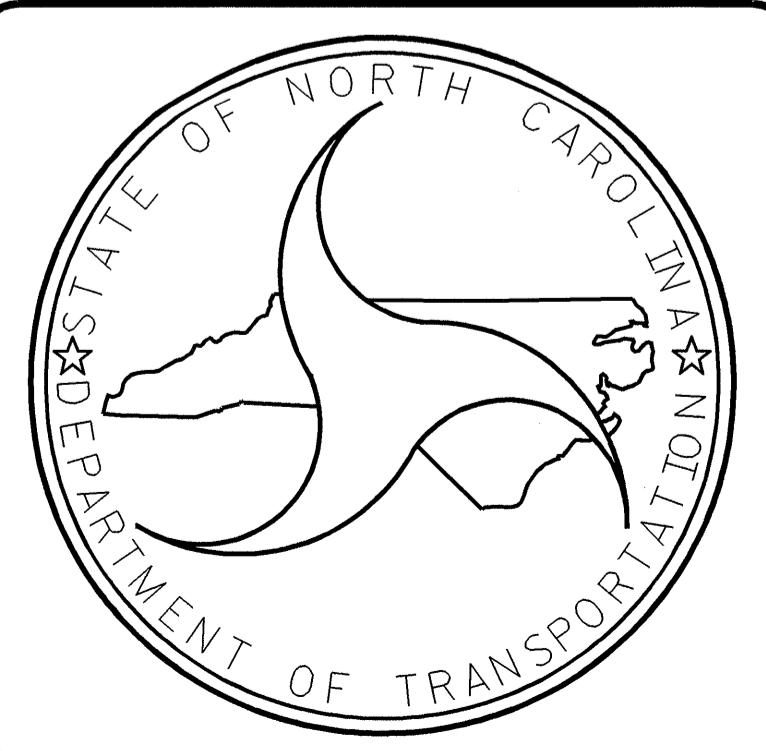
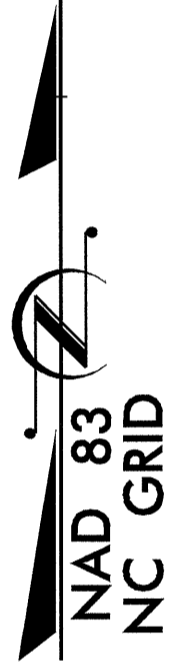
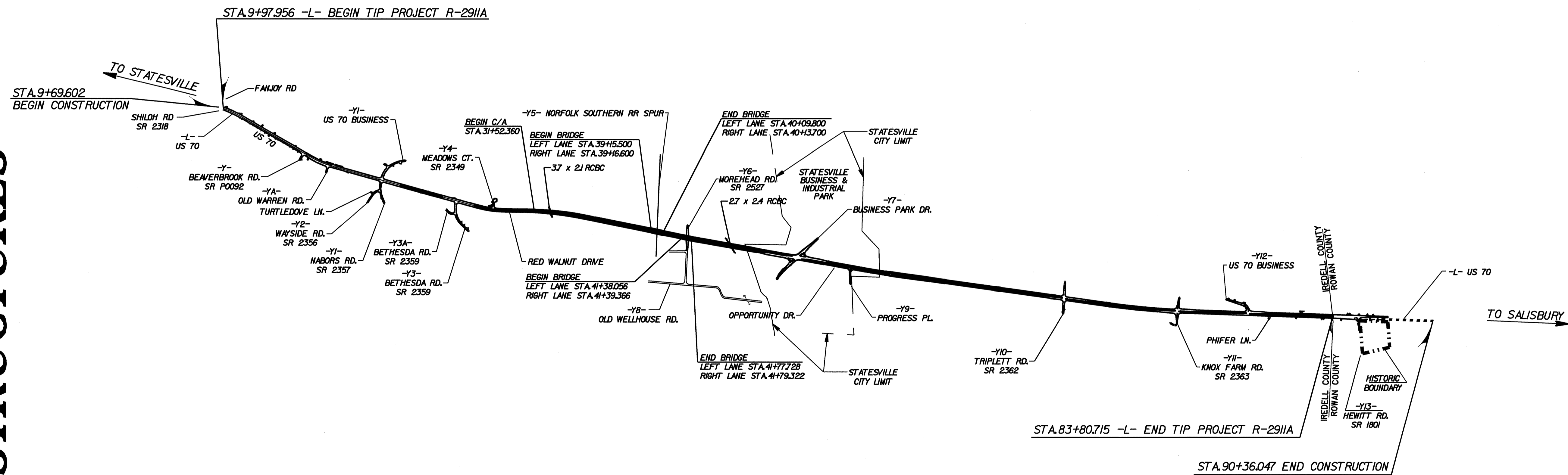


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2911A		
WB. NO.	F.A. PROJ. NO.	DESCRIPTION	
34517.1.1	STP-70(75)	P.E.	
34517.2.2	STP-70(75)	R/W	
34517.1.1	STP-70(75)	UTIL.	
34517.3.5	STP-70(75)	CONSTR.	

IREDELL COUNTY

LOCATION: U.S. 70 FROM SR 2318 NEAR STATESVILLE TO THE ROWAN COUNTY LINE

TYPE OF WORK: GRADING, DRAINAGE, PAVING, CULVERTS, STRUCTURES, SIGNING, AND SIGNALS



DESIGN DATA

ADT 2003 = 15,900
ADT 2023 = 26,000

DHV = 10 %
D = 60 %
T = 10 %

(7% TTST, 3% DUALS)

V = 80 km/h 5-LANE
V = 100 km/h 4-LANE

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-2911A = 7.246 km.
LENGTH STRUCTURES TIP PROJECT R-2911A = .137 km.
TOTAL LENGTH TIP PROJECT R-2911A = 7.383 km

Prepared in the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh, N.C. 27610

2002 STANDARD SPECIFICATIONS

LETTING DATE:
AUGUST 17, 2004

Q.H. NGUYEN, P.E.
PROJECT MANAGER

MARC G. CHEEK, P.E.
PROJECT MANAGER

STRUCTURE DESIGN UNIT

Gregory R. Perpetti
7/8/04

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

P.E.

DATE