

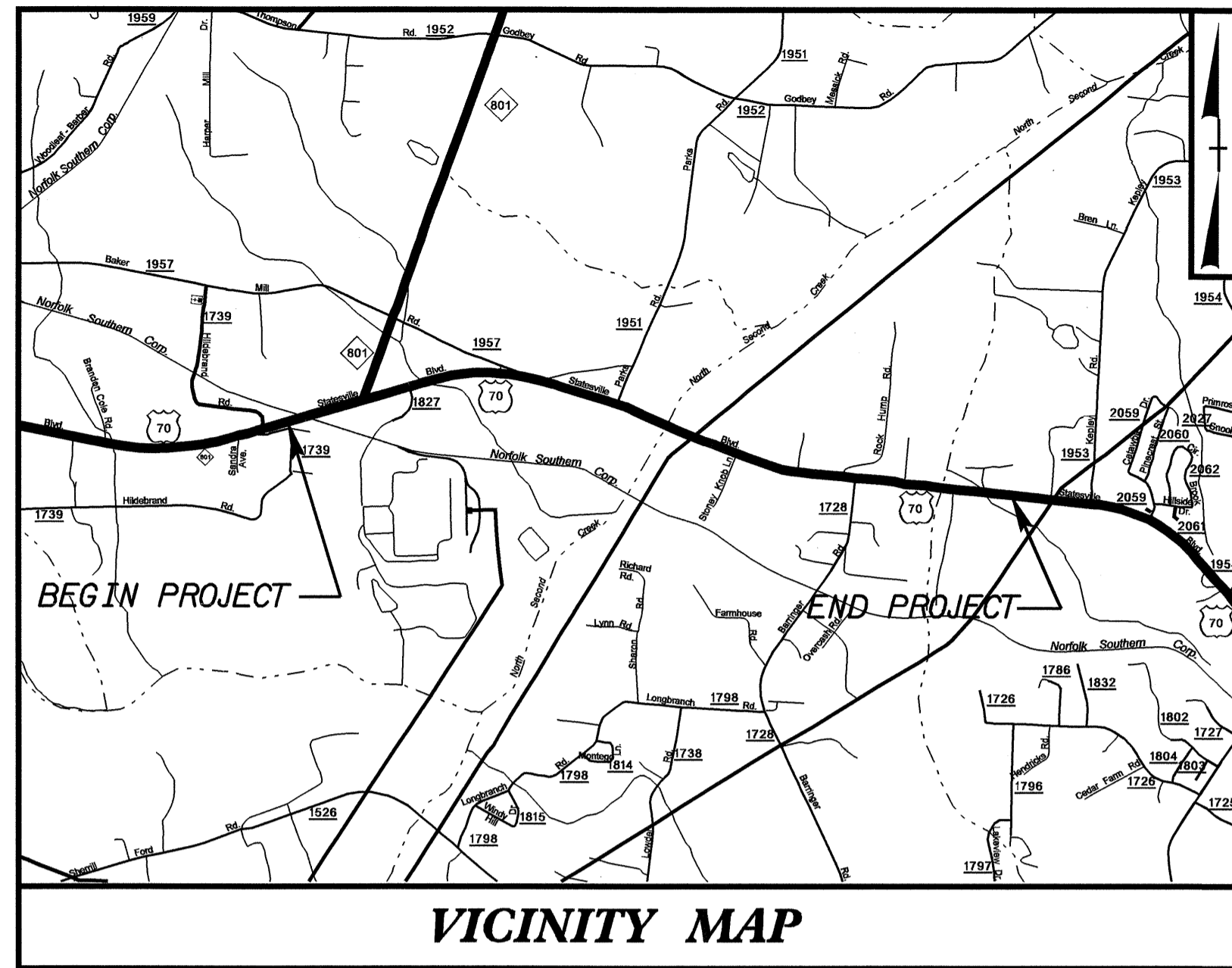
CONTRACT: C201205 TIP PROJECT: R-2911D

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ROWAN COUNTY

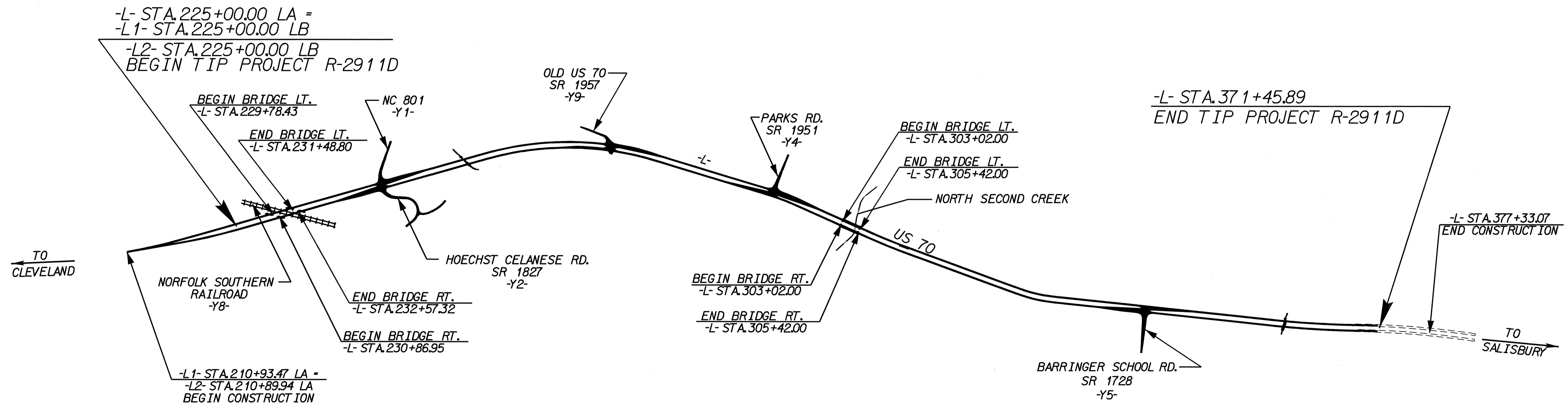
**LOCATION: US 70 FROM WEST OF SR 1739 (HILDEBRAND ROAD)
TO WEST OF SR 1953 (KEPLEY ROAD)**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING, WIDENING, RESURFACING,
STRUCTURES, SIGNING, SIGNALS, AND GUARDRAIL**

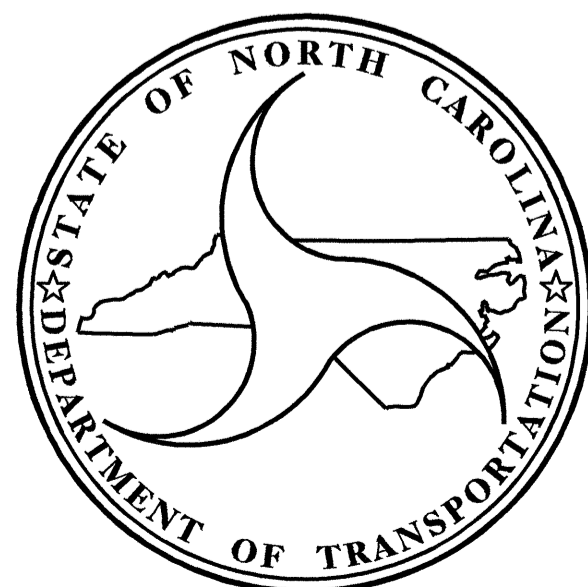


VICINITY MAP

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2911D		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34517.1.1	STP-70(39)	P.E.	
34517.2.4	STP-70(70)	RW & UTILITY	
34517.3.7	STP-70(77)	CONST.	



STRUCTURES



DESIGN DATA

ADT 2004 = 15,100
 ADT 2024 = 24,000
 DHV = 10 %
 D = 60 %
 T = 8 % *
 V = 60 MPH
 * TTST 6% + DUAL 2%

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT R-2911D = 2.696 MI
 LENGTH OF STRUCTURES TIP PROJECT R-2911D = 0.078 MI
 TOTAL LENGTH OF TIP PROJECT R-2911D = 2.774 MI

Prepared In the Office of:

DIVISION OF HIGHWAYS

1000 Birch Ridge Dr., Raleigh, NC 27610

2002 STANDARD SPECIFICATIONS

LETTING DATE:
 DECEMBER 21, 2004

B.C. HUNT, P.E.
 PROJECT ENGINEER

S.D. RACKLEY, P.E.
 T.G. PAYNE, P.E.
 PROJECT DESIGN ENGINEERS

STRUCTURE DESIGN UNIT



Gregory R. Perfecti
11.3.04

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

STATE DESIGN ENGINEER
 DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED
 DIVISION ADMINISTRATOR