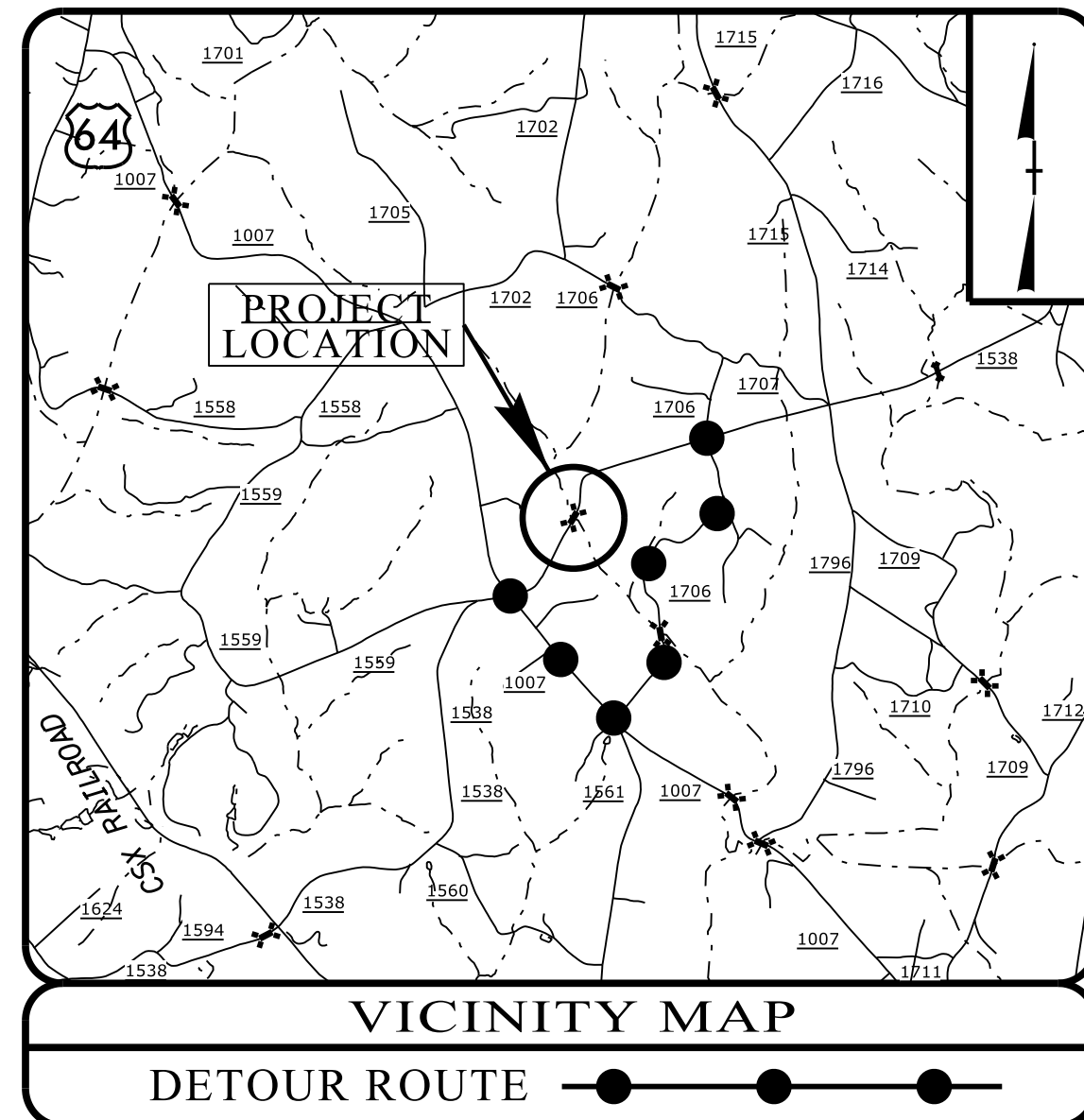


CONTRACT: C203665 TIP NO: B-5395

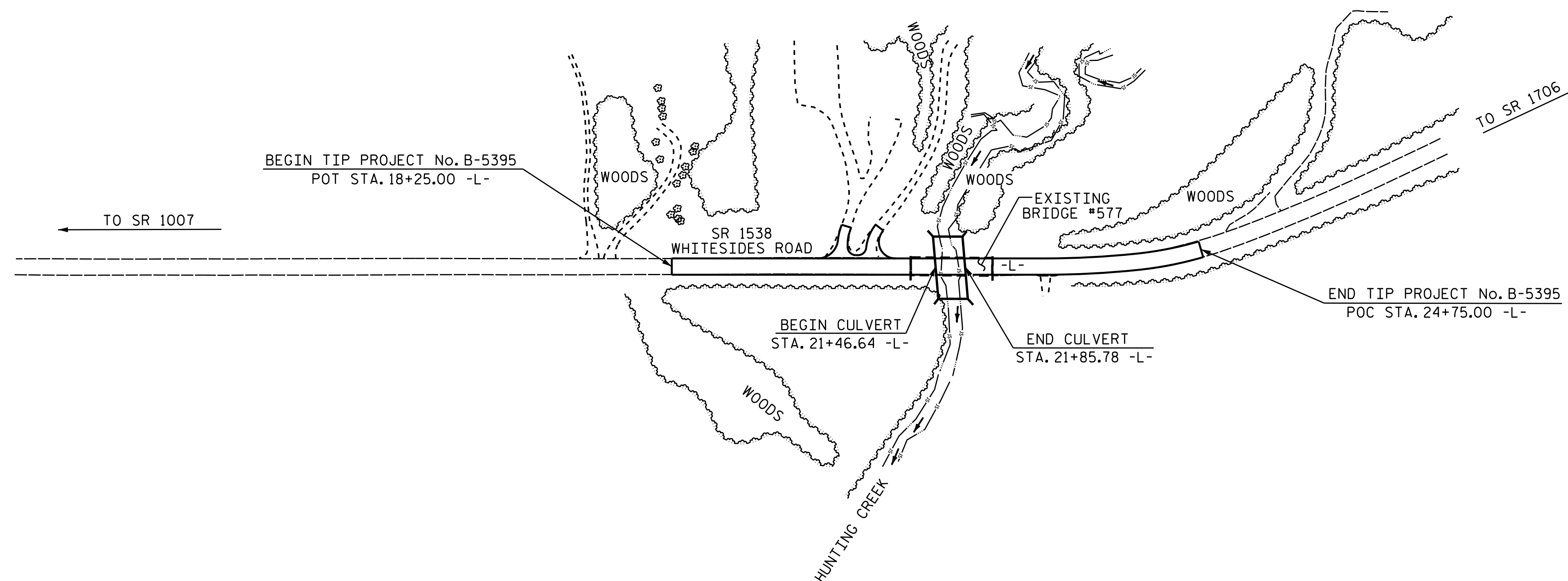
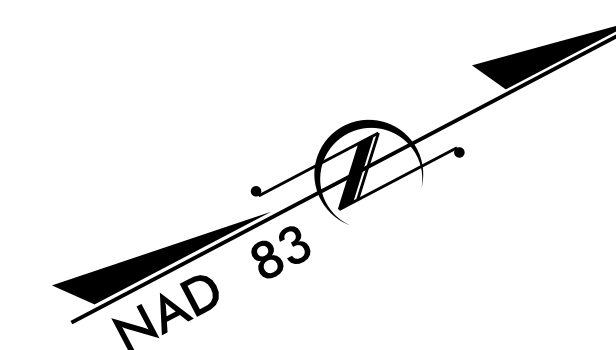
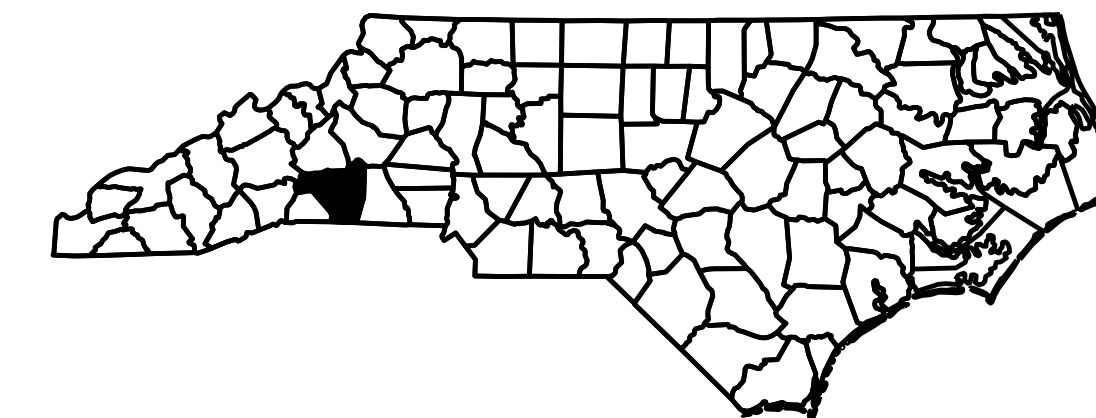


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
RUTHERFORD COUNTY

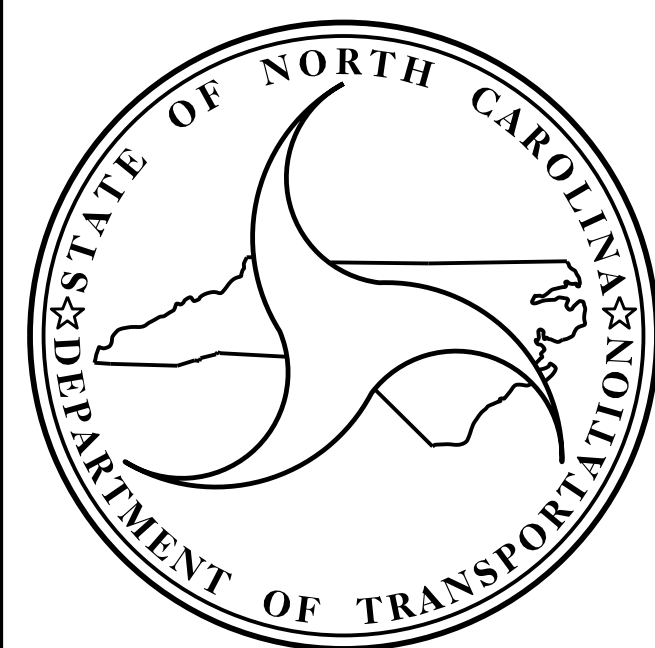
LOCATION: REPLACEMENT OF BRIDGE No. 577 OVER HUNTING CREEK ON SR 1538 (WHITESIDES ROAD)

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5395		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46110.1.1	BRSTP-1538(8)	P.E.	
46110.2.FD1	BRSTP-1538(8)	RW, UTILITIES	
46110.3.2	BRSTP-1538(8)	CONSTRUCTION	



CULVERT



DESIGN DATA

ADT 2016 = 1040
 ADT 2036 = 1170
 K = 11 %
 D = 70%
 T = 8 % *
 V = 50 MPH
 * TTST = 3% DUAL = 5%
 FUNC CLASS = LOCAL
 SUBREGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY OF F.A. PROJECT B-5395 = 0.116 MILES
 LENGTH STRUCTURE OF F.A. PROJECT B-5395 = 0.007 MILES
 TOTAL LENGTH OF STATE PROJECT B-5395 = 0.123 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
 STRUCTURES MANAGEMENT UNIT
 1000 BIRCH RIDGE DR.
 RALEIGH, N.C. 27610

2012 STANDARD SPECIFICATIONS

LETTING DATE : JANUARY 19, 2016

D. R. CALHOUN, P.E.
PROJECT ENGINEER

W. S. ARAFAT, P.E.
PROJECT DESIGN ENGINEER