

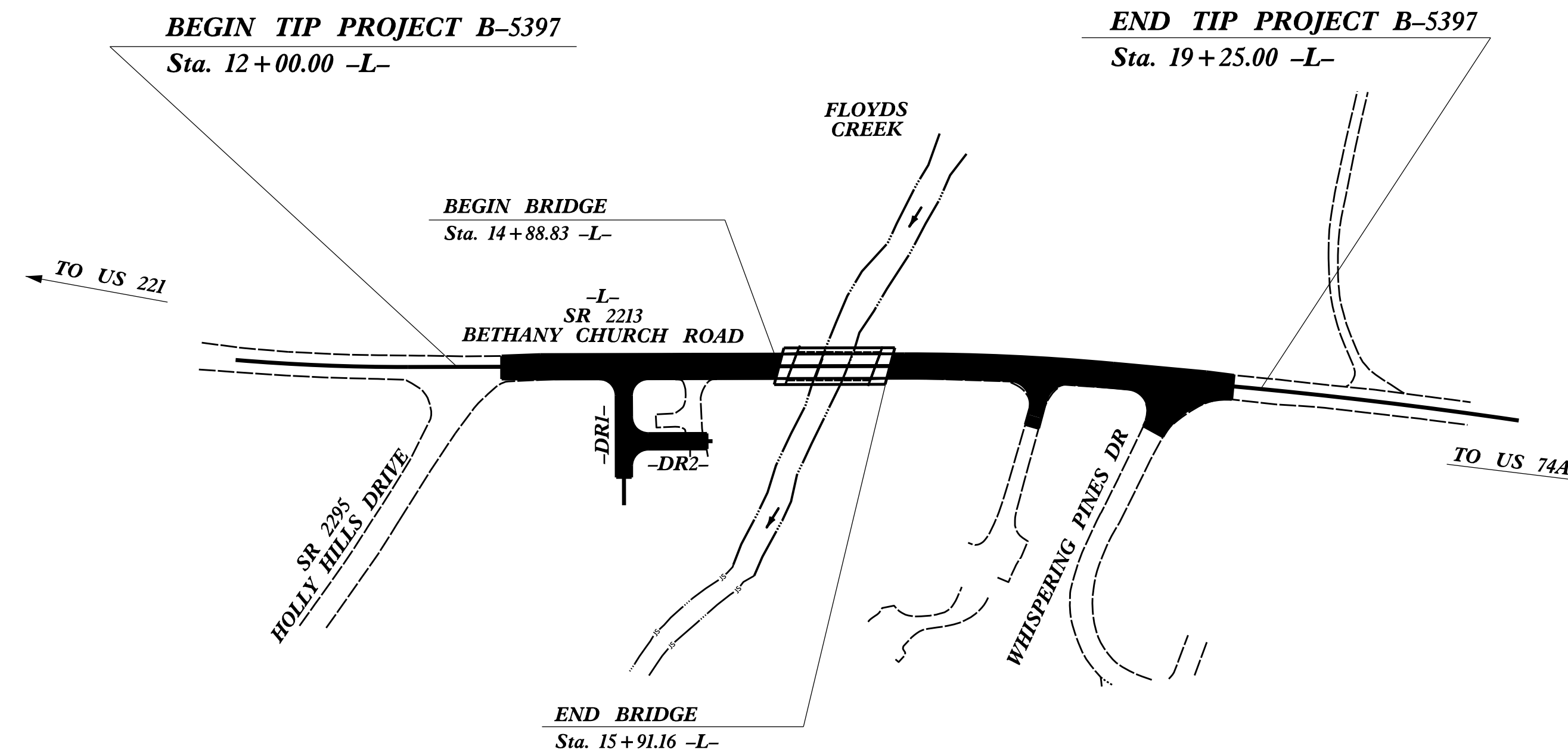
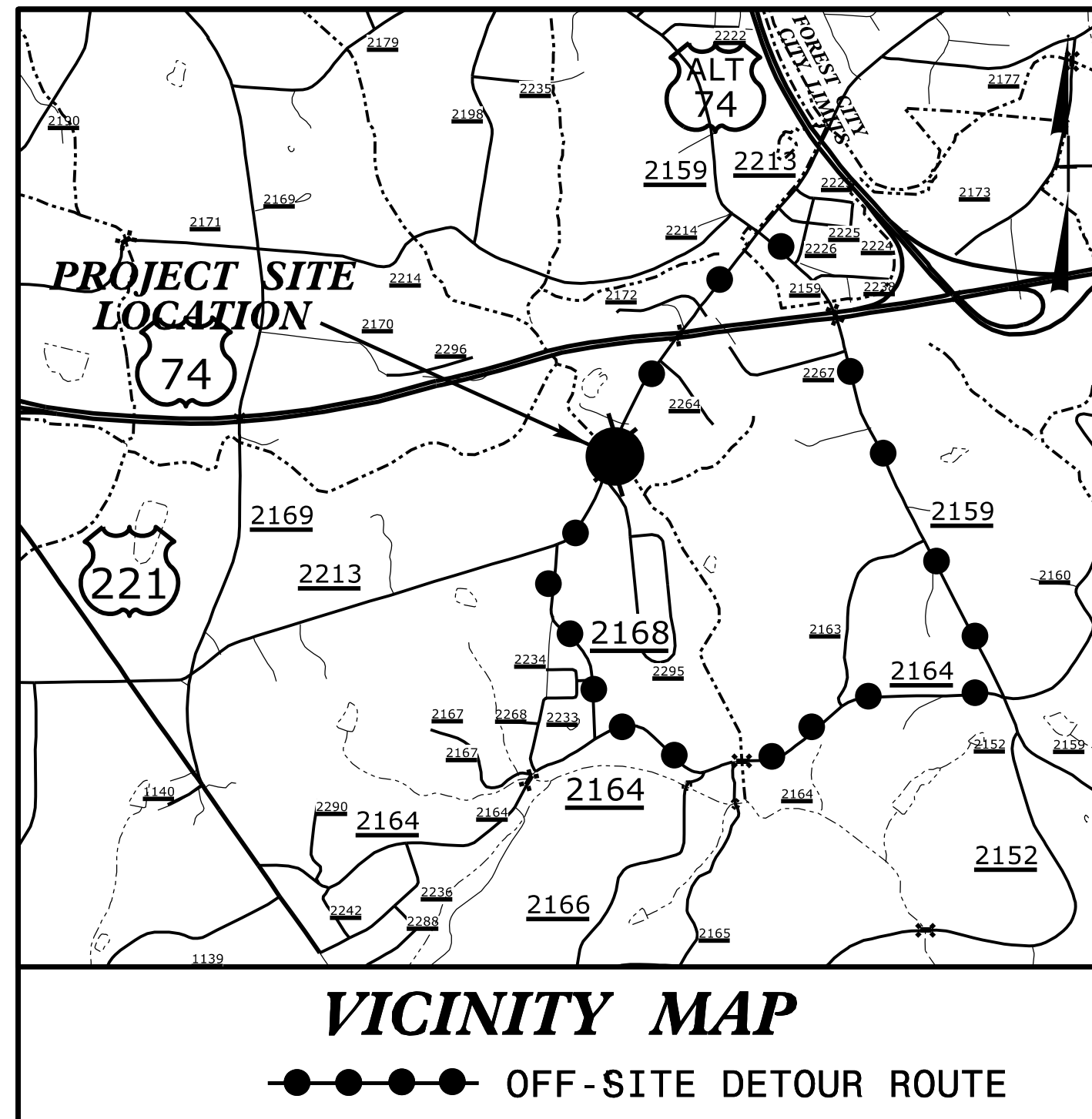
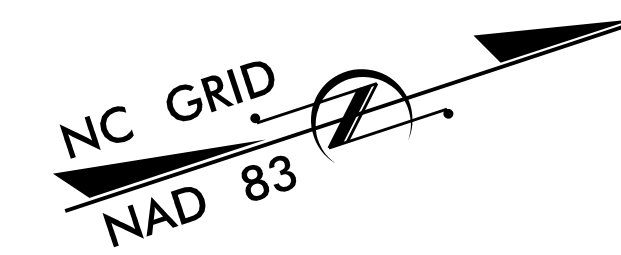
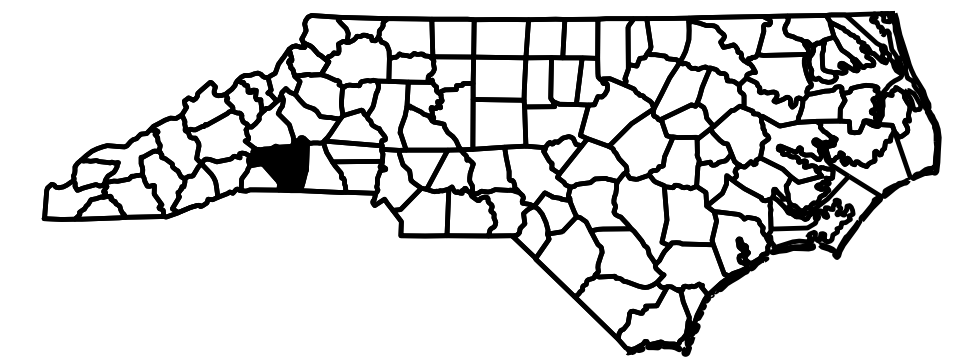
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

RUTHERFORD COUNTY

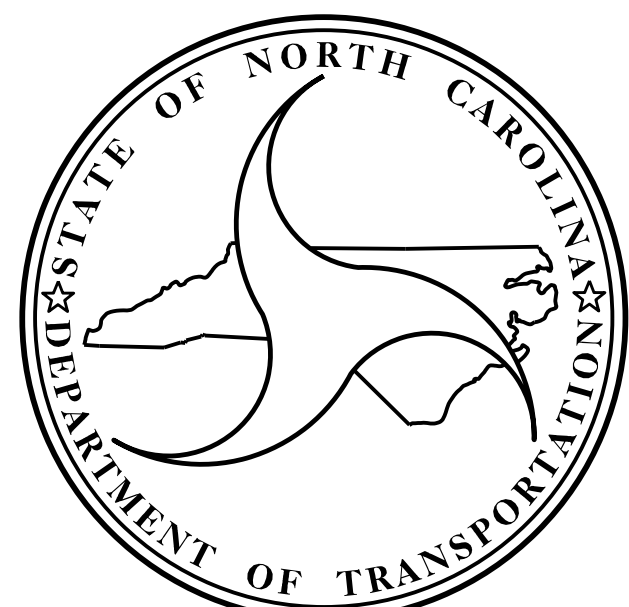
LOCATION: BRIDGE NO. 51 OVER FLOYDS CREEK
ON SR 2213 (BETHANY CHURCH ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5397		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46112.1.1	BRZ-2213(2)	P.E.	
46112.2.1	BRZ-2213(2)	R/W	
46112.3.1	BRZ-2213(2)	CONSTRUCTION	



STRUCTURE



DESIGN DATA

ADT 2017 = 5,000
ADT 2040 = 5,400
K = 10 %
D = 55 %
T = 6 % *
V = 40 MPH
* TTST = 1% DUAL 5%
FUNC. CLASSIFICATION =
LOCAL SUB-REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5397 = 0.118 mi.
LENGTH STRUCTURE TIP PROJECT B-5397 = 0.019 mi.
TOTAL LENGTH TIP PROJECT B-5397 = 0.137 mi.

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

2012 STANDARD SPECIFICATIONS

LETTING DATE:
FEBRUARY 21, 2017

MARC G. CHEEK, PE
PROJECT DESIGN ENGINEER

TIP PROJECT: B-5397

CONTRACT: C203847

09/28/19