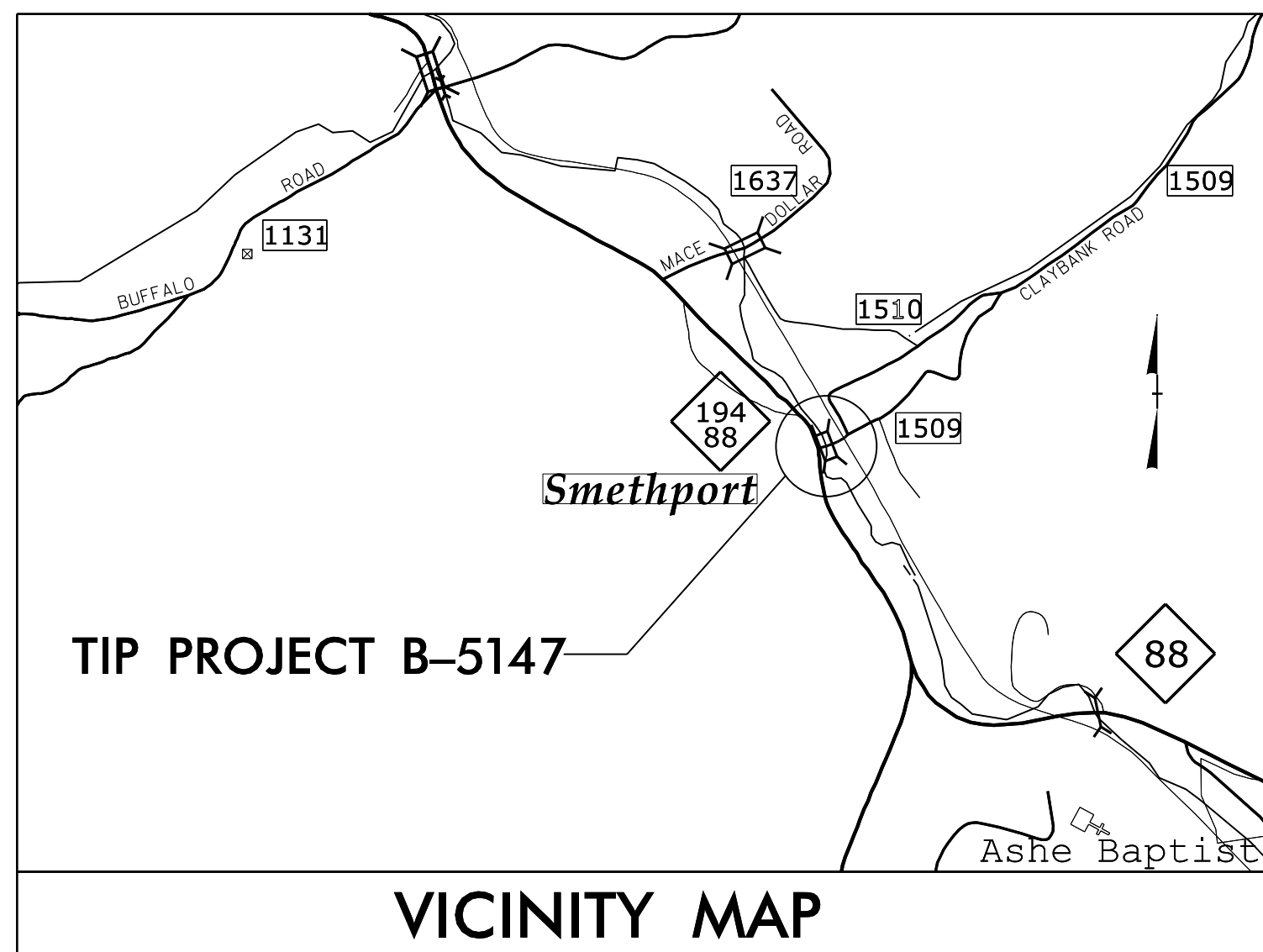


**TIP PROJECT: B-5147**

**CONTRACT: C203810**



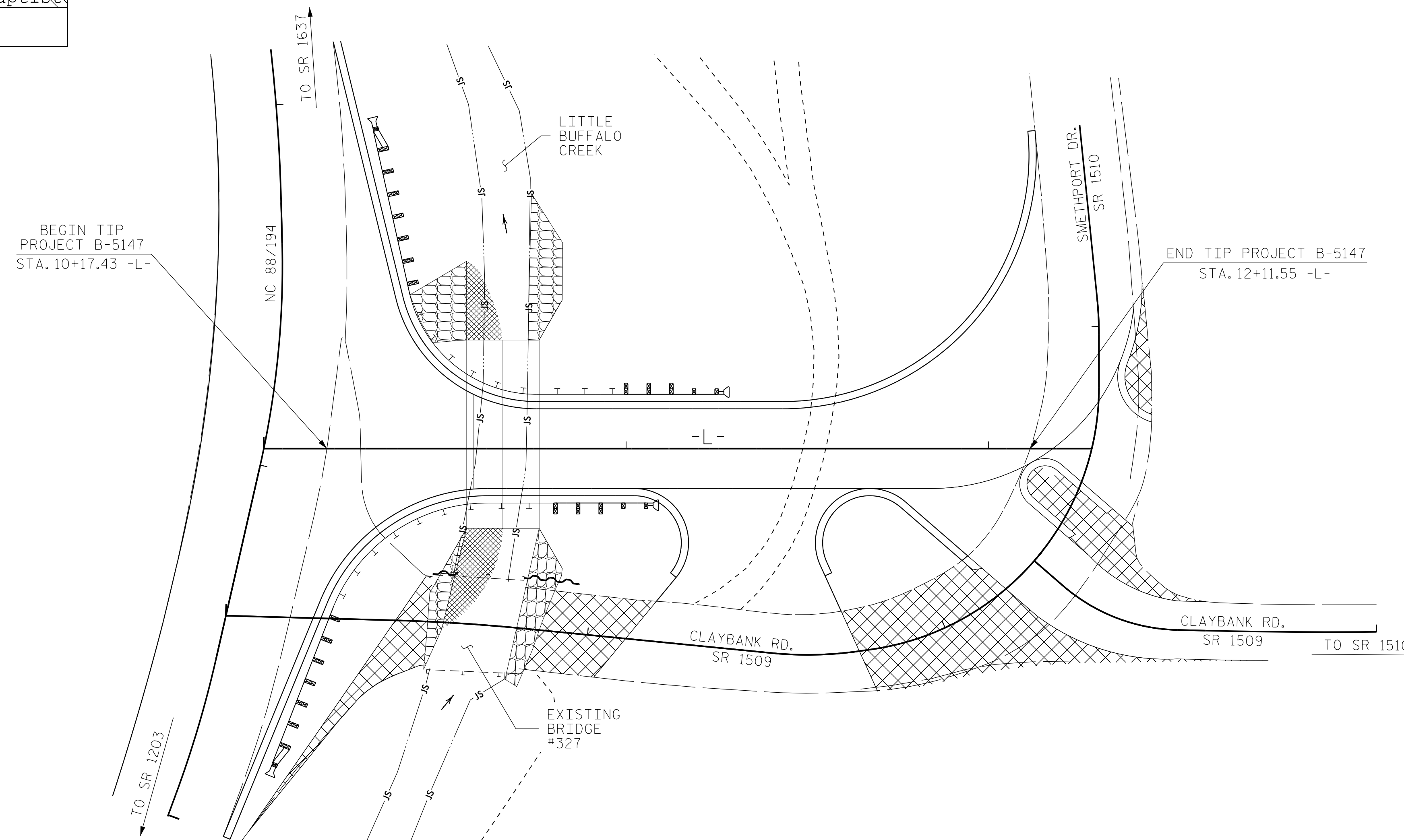
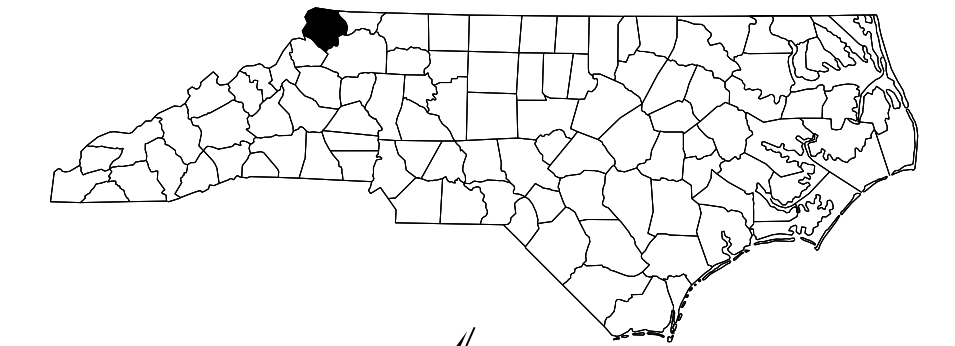
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

# ASHE COUNTY

**LOCATION: BRIDGE 327 OVER LITTLE BUFFALO CREEK  
ON SR 1509 (CLAYBANK ROAD)**

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5147		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
42308.1.1	BRZ1509(8)	P.E.	
42308.2.1		ROW/UTIL.	
42308.3.1		CONST.	



## CULVERT

**DESIGN DATA**

ADT 2017 = 1262  
 ADT 2037 = 1415  
 K = 10 %  
 D = 55 %  
 T = 39 % \*  
 V = 40 MPH  
 \* TTST = 1% DUAL 38%  
 FUNC CLASS = LOCAL  
 SUB REGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5147 = 0.037 MILES  
 TOTAL LENGTH TIP PROJECT B-5147 = 0.037 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 : MAY 17, 2016

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

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