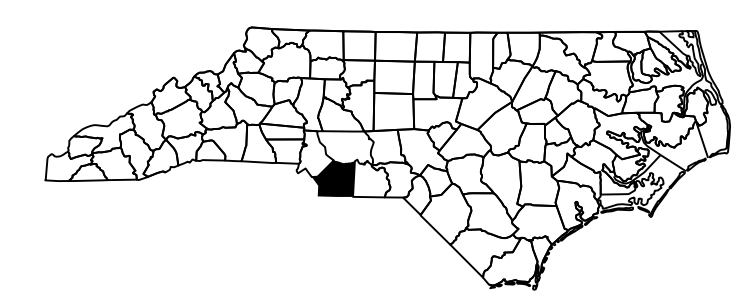


**CONTRACT: C203663 TIP NO: B-5243**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5243		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
42845.1.1	BRSTP-1008(23)	PE	
42845.2.FD1	BRSTP-1008(23)	RW & UTIL.	
42845.3.FD1	BRSTP-1008(23)	CONST.	

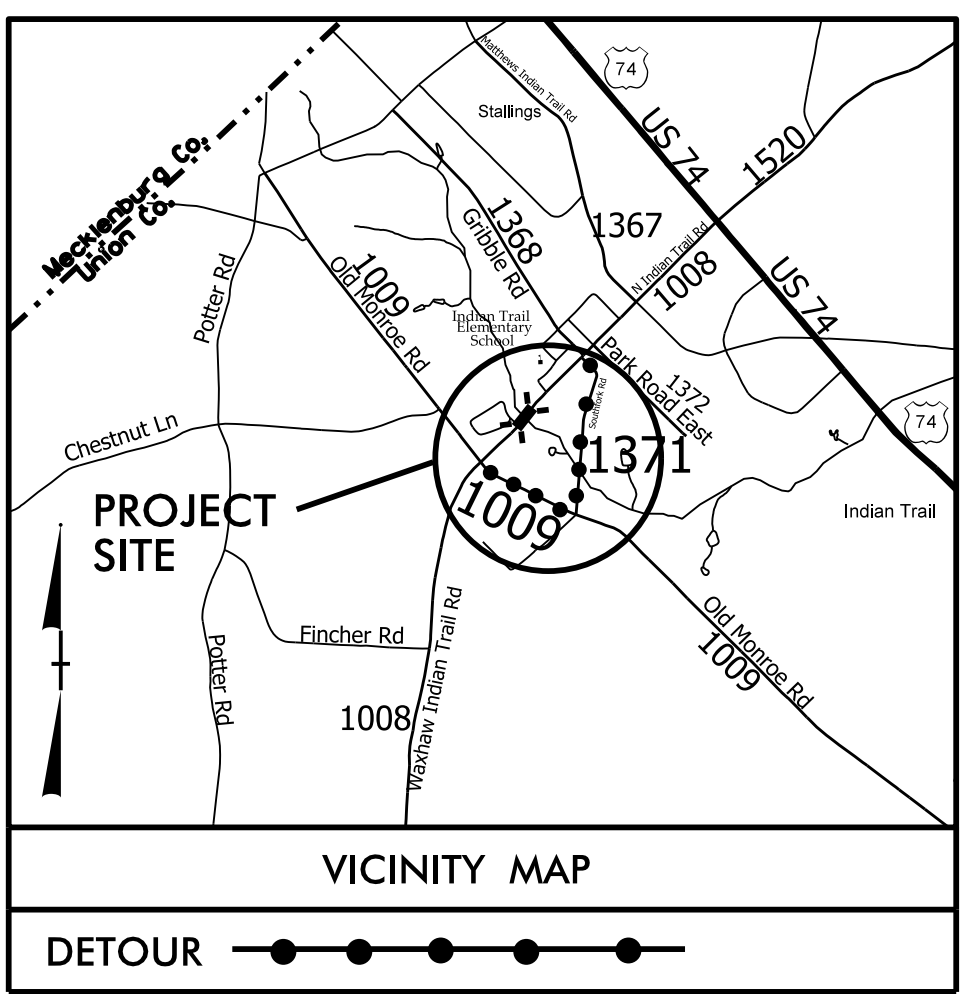


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

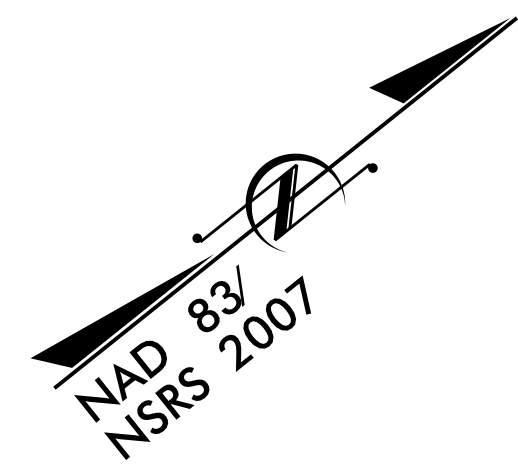
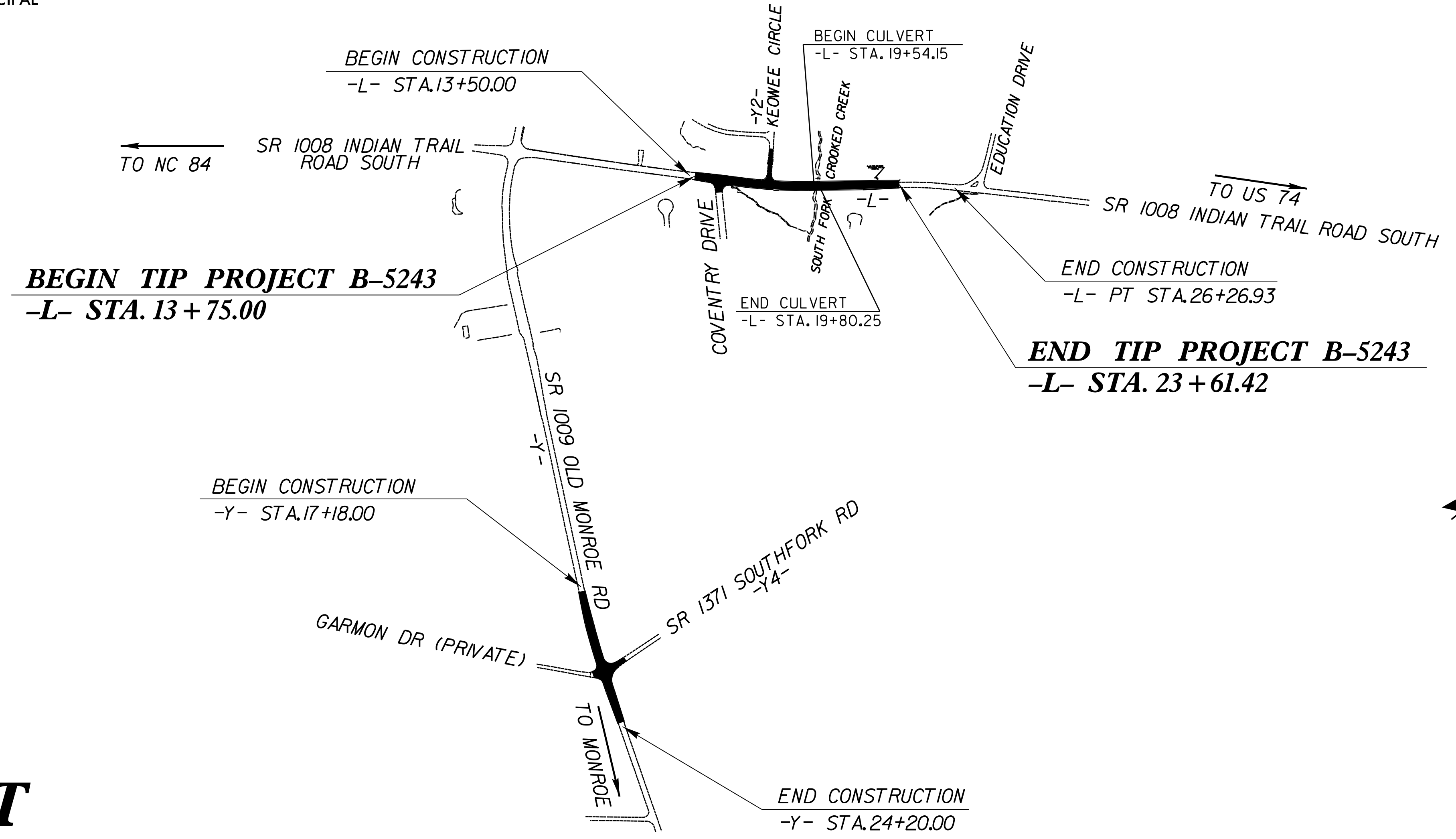
# UNION COUNTY

**LOCATION: BRIDGE 258 ON SR 1008 OVER SOUTH FORK CROOKED CREEK AND IMPROVEMENT OF THE INTERSECTION OF SR 1009 AND SR 1371**

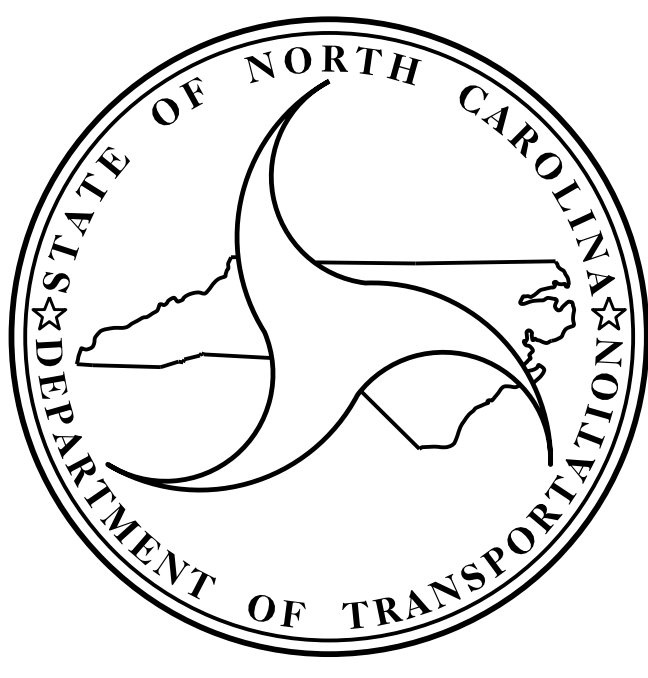
**TYPE OF WORK: GRADING, DRAINAGE, PAVING, CULVERT AND SIGNAL**



THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF INDIAN TRAIL.



## CULVERT



**DESIGN DATA**

ADT 2016 = 15,900  
ADT 2036 = 19,350  
K = 9 %  
D = 65 %  
T = 5 % \*  
V = 40 MPH  
\* TTST = 1% DUAL 4%

FUNC CLASS = MAJOR COLLECTOR  
SUB REGIONAL TIER

**PROJECT LENGTH**

LENGTH OF ROADWAY TIP PROJECT B-5243 = 0.182 MILES  
LENGTH STRUCTURE TIP PROJECT B-5243 = 0.005 MILES  
TOTAL LENGTH OF TIP PROJECT B-5243 = 0.187 MILES

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

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2012 STANDARD SPECIFICATIONS

LETTING DATE :  
JANUARY 19, 2016

LAURA E. SUTTON, PE  
PROJECT ENGINEER

DONALD R. SMITH, JR., PE  
PROJECT DESIGN ENGINEER