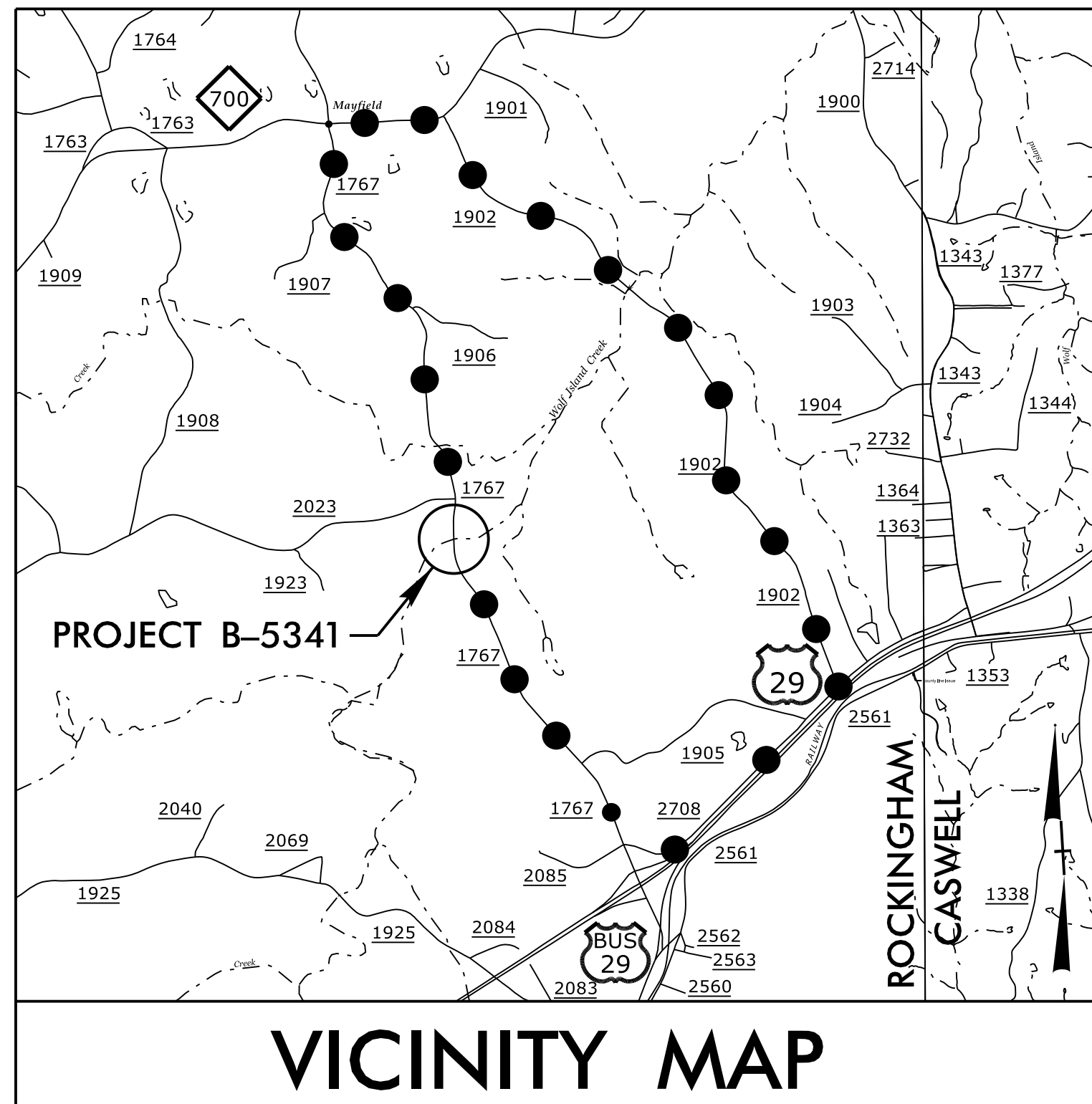


**CONTRACT: C203664 TIP NO: B-5341**



DETOUR ROUTE ● — ● — ● — ● — ●

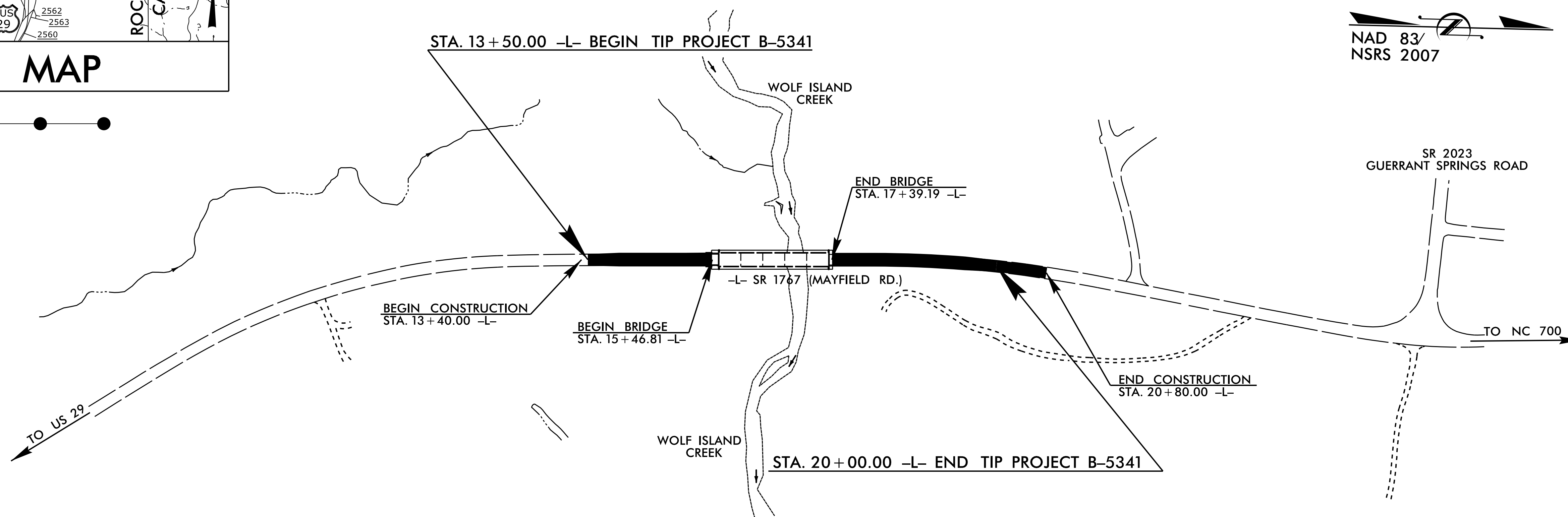
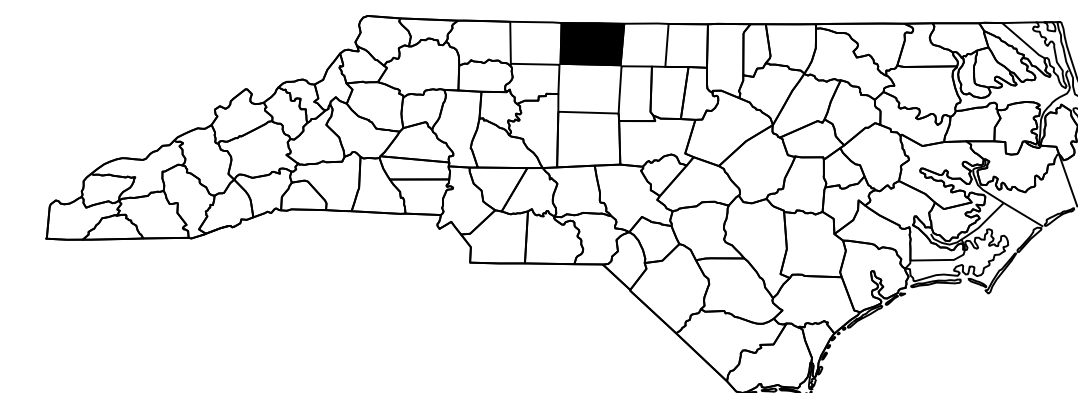
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**ROCKINGHAM COUNTY**

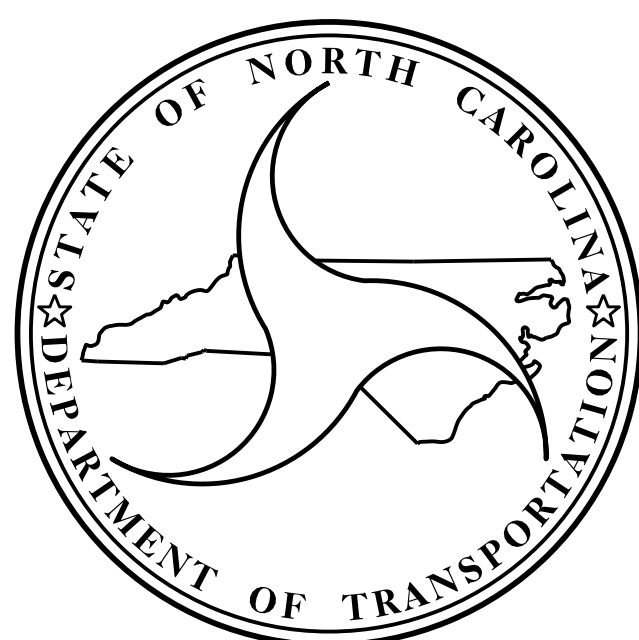
**LOCATION: BRIDGE NO. 110 OVER WOLF ISLAND CREEK  
ON SR 1767 (MAYFIELD ROAD)**

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5341		
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
46055.1.1	BRSTP-1767(5)	P.E.	
46055.2.FD1	BRSTP-1767(5)	RW & UTILITIES	
46055.3.FD1	BRSTP-1767(5)	CONST.	



**STRUCTURE**



**DESIGN DATA**

ADT 2016 = 720  
 ADT 2040 = 800  
 K = 12 %  
 D = 60 %  
 T = 6 % \*  
 V = 55 MPH  
 \* TTST = 3% DUAL = 3%  
 FUNC. CLASSIFICATION =  
 MINOR COLLECTOR  
 "SUB-REGIONAL TIER"

**PROJECT LENGTH**

LENGTH OF ROADWAY TIP PROJECT B-5341 = 0.087 MI.  
 LENGTH OF STRUCTURE TIP PROJECT B-5341 = 0.036 MI.  
 TOTAL LENGTH OF TIP PROJECT B-5341 = 0.123 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:**  
 JANUARY 19, 2016

D. R. CALHOUN, PE  
 PROJECT ENGINEER

MARC G. CHEEK, PE  
 PROJECT DESIGN ENGINEER