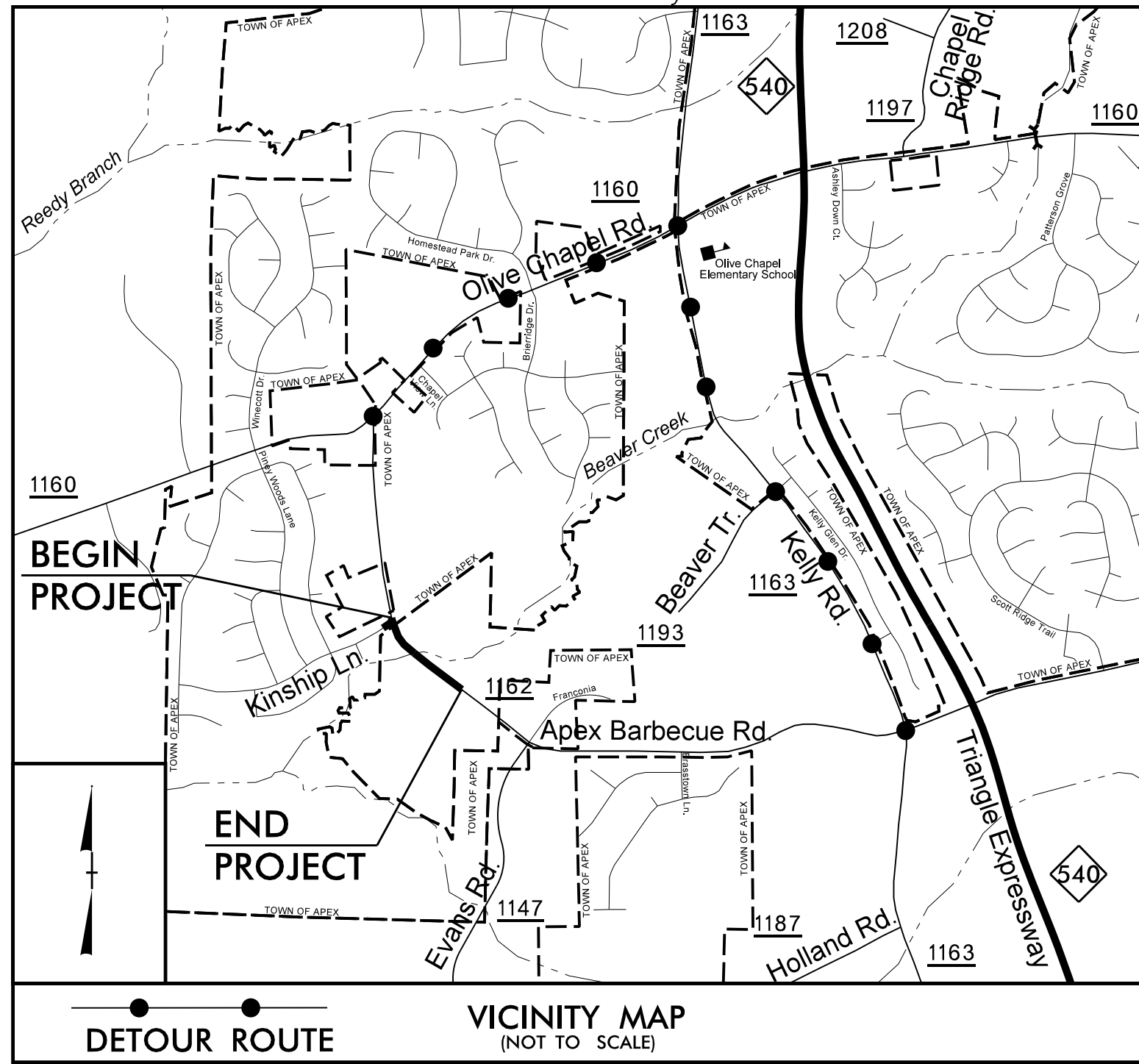


09/08/18

**TIP PROJECT: B-5161**

**CONTRACT: C204098**

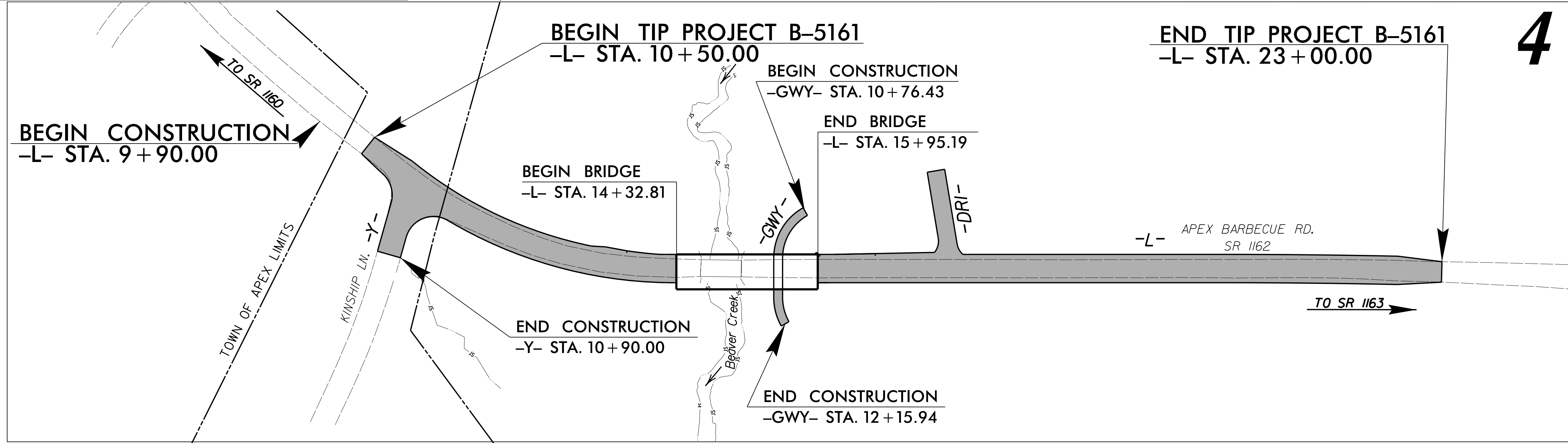
See Sheet 1A for Index of Sheets  
See Sheet 1B for Sheet Symbolology  
See Sheet 1C-1 for Survey Control Sheet



STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**WAKE COUNTY**

**LOCATION: BRIDGE NO. 362 OVER BEAVER CREEK  
ON SR 1162 (APEX BARBECUE ROAD)**  
**TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE**

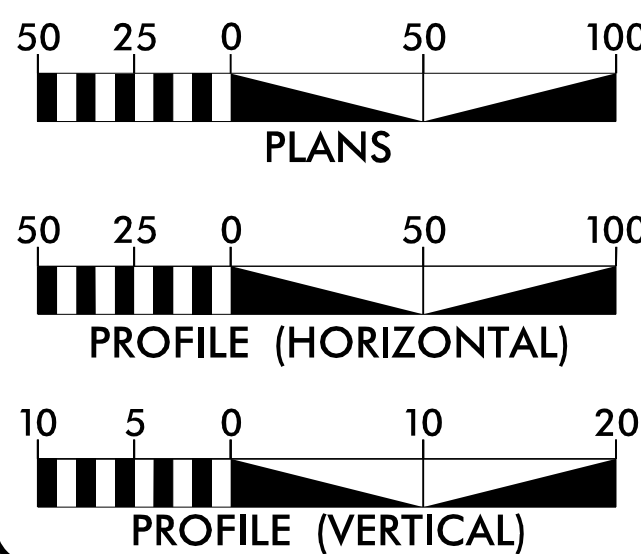
STATE	TIP PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5161	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
42336.1.1	BRZ-1162(6)	P.E.	
42336.2.1	BRZ-1162(6)	RW, UTILITIES	
42336.3.1	BRZ-1162(6)	CONST.	



**4**

**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**

**GRAPHIC SCALES**



**DESIGN DATA**

ADT 2018 = 3,970  
ADT 2038 = 10,360  
K = 10 %  
D = 70 %  
T = 5 %\*  
V = 40 MPH  
\*TTST=1% DUAL=4%  
FUNC CLASS =  
LOCAL RURAL  
SUBREGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5161 = 0.206 MILES  
LENGTH STRUCTURES TIP PROJECT B-5161 = 0.031 MILES  
TOTAL LENGTH TIP PROJECT B-5161 = 0.237 MILES



2018 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
OCTOBER 16, 2017

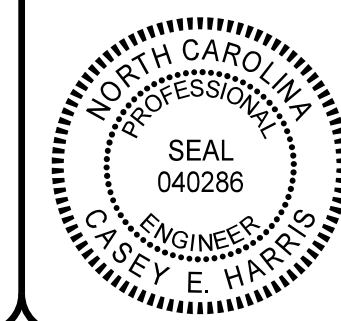
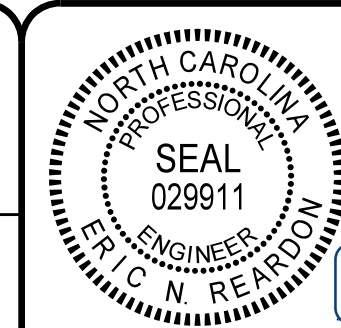
**LETTING DATE:**  
MAY 15, 2018

Prepared In the Office of:  
HDR Engineering, Inc. of the Carolinas  
555 Fayetteville St., Suite 900 Raleigh, NC 27601  
N.C.B.E.L.S. License Number: F-0116

**PHILLIP E. ROGERS, P.E.**  
PROJECT ENGINEER

**CASEY E. HARRIS, P.E.**  
PROJECT DESIGN ENGINEER

**DAVID STUTTS, P.E.**  
NCDOT CONTACT



**HYDRAULICS ENGINEER**

DocuSigned by:  
**Eric N. Rendon**  
2/27/2018 P.E.  
SIGNATURE

**ROADWAY DESIGN ENGINEER**

DocuSigned by:  
**Casey Harris**  
2/26/2018 P.E.  
SIGNATURE

**DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA**

