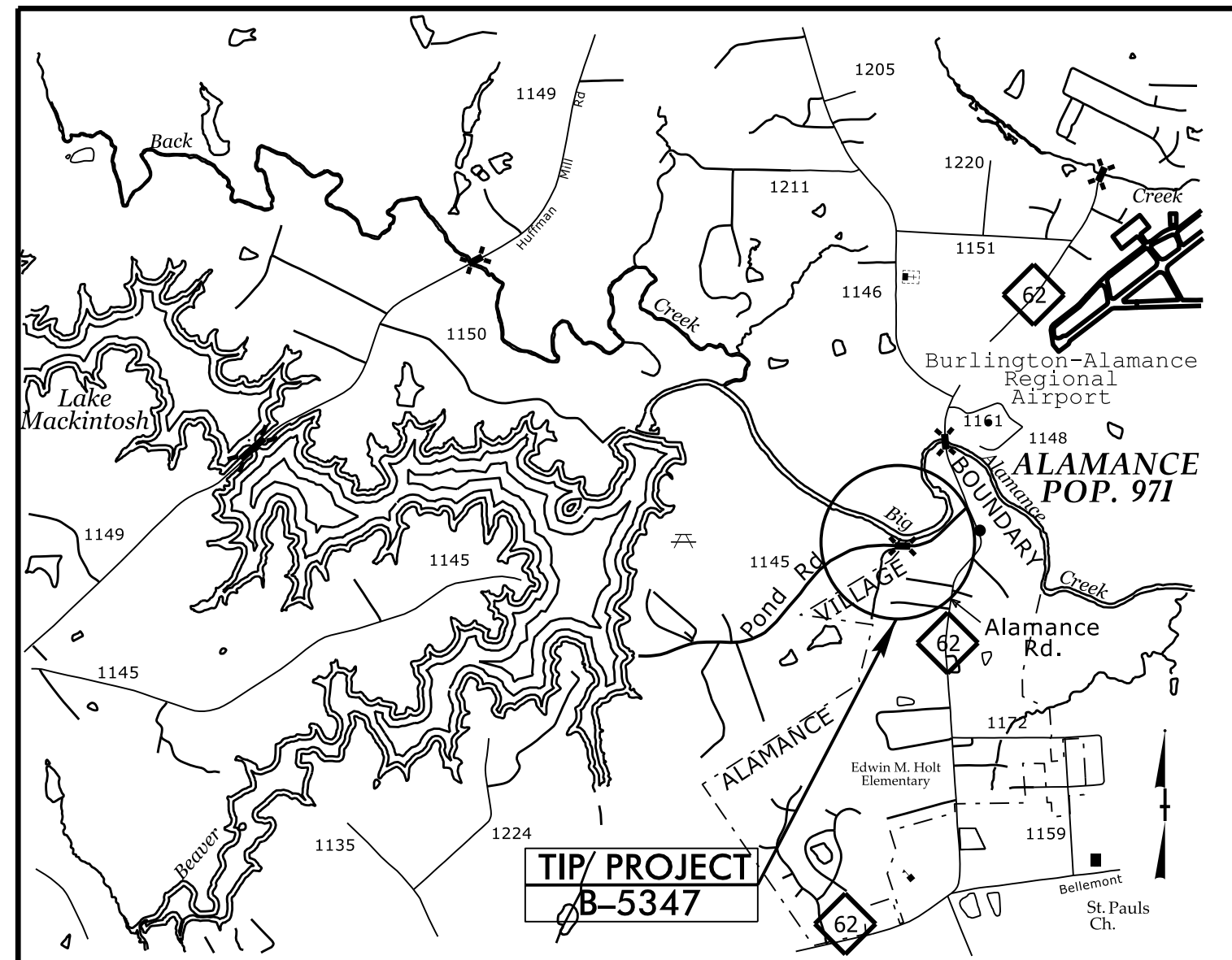


**TIP PROJECT: B-5347**

**CONTRACT: C203984**

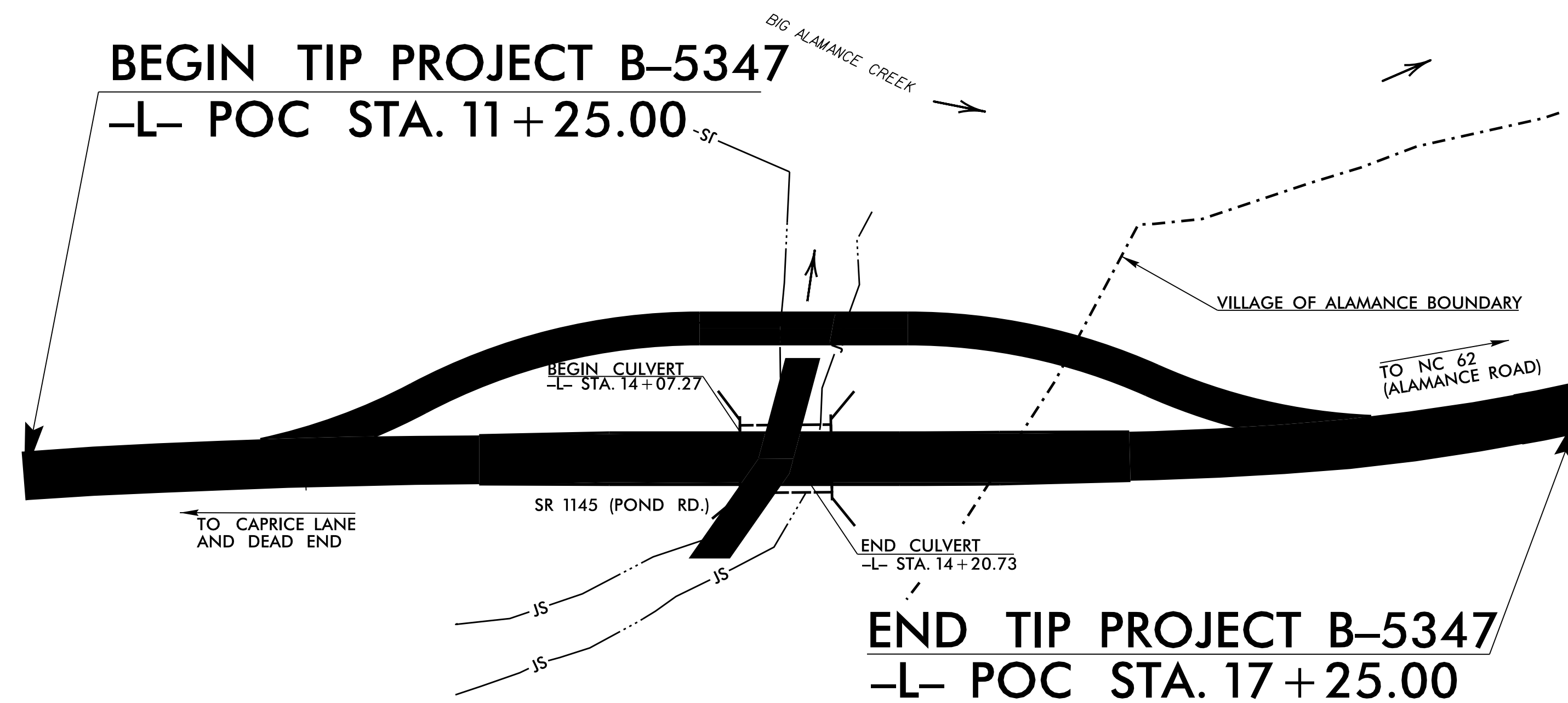


**VICINITY MAP**

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

**LOCATION: BRIDGE NO. 170 OVER A PRONG OF BIG ALAMANCE CREEK ON SR 1145 (POND RD.)**  
**TYPE OF WORK: GRADING, DRAINING, PAVING, AND CULVERT**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5347		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46061.1.1	BRZ-1145(8)	P.E.	
46061.3.1	-	CONST.	



**CULVERT**

**DESIGN DATA**

ADT 2017 = 455 VPD  
ADT 2035 = 700 VPD  
K = 12 %  
D = 60 %  
T = 7 % \*\*  
\* V = 45 MPH  
\*\* (TTST 2%, DUAL 5%)  
FUNC CLASS = LOCAL  
SUB-REGIONAL TIER

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-5347 = 0.114 MILES  
LENGTH STRUCTURE TIP PROJECT B-5347 = 0.000 MILES  

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TOTAL LENGTH TIP PROJECT B-5347 = 0.114 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 :  
NOVEMBER 21, 2017

G.W. DICKEY, P.E.  
PROJECT ENGINEER

K.W. ALFORD, P.E.  
PROJECT DESIGN ENGINEER