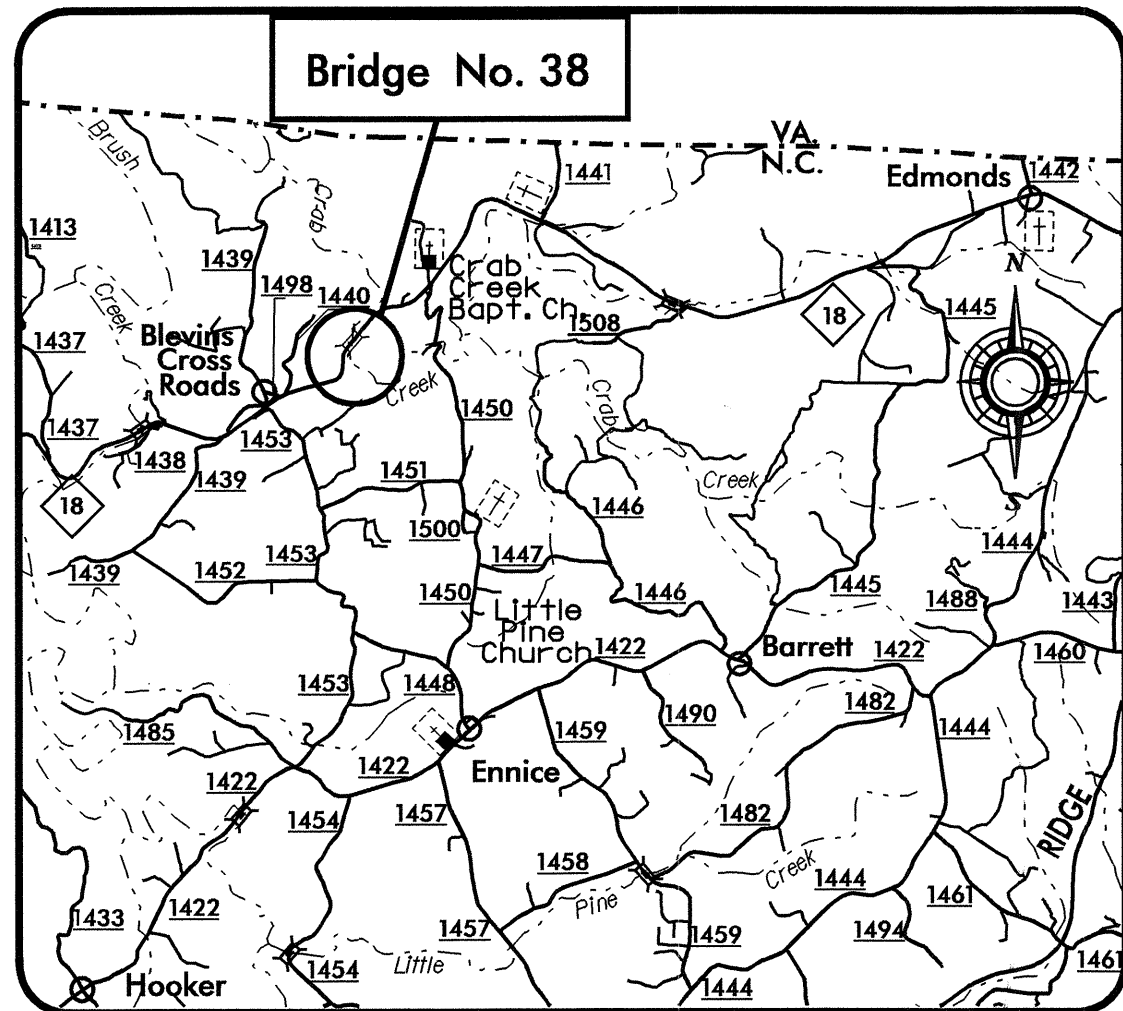


TIP PROJECT: B-4007

CONTRACT: C201399

STRUCTURE



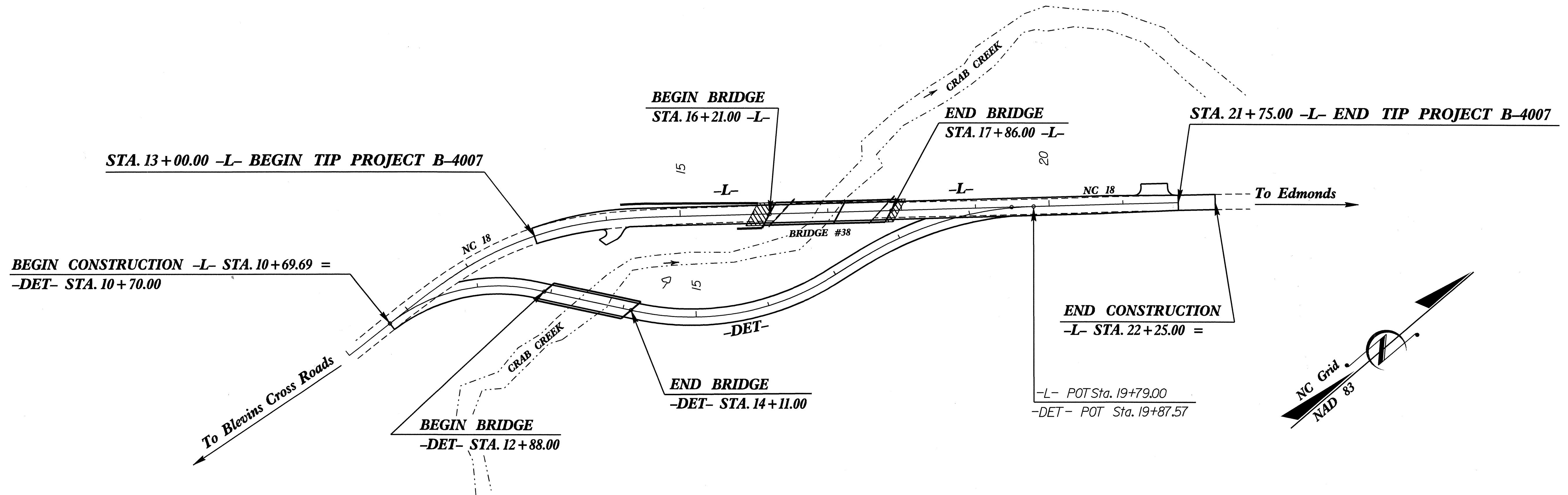
VICINITY MAP

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

LOCATION: BRIDGE NO. 38 OVER CRAB CREEK ON NC 18

TYPE OF WORK: GRADING, DRAINAGE, PAVING, & STRUCTURE,

STATE	STATE PROJECT REFERENCE NO.	
N.C.	<b>B-4007</b>	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
33375.1.1	BRSTP-18(8)	PE
33375.2.2	BRSTP-18(8)	RW & UTIL.
33375.3.1	BRSTP-18(8)	CONST.



**DESIGN DATA**

ADT 2005 = 1,800  
ADT 2025 = 2,800  
DHV = 15 %  
D = 60 %  
\* T = 5 %  
\* TTST 2% + DUAL 3%  
V = 60 mph

RURAL MAJOR COLLECTOR

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-4007 = 0.135 MILES  
LENGTH STRUCTURE TIP PROJECT B-4007 = 0.031 MILES  
TOTAL LENGTH OF TIP PROJECT B-4007 = 0.166 MILES

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2002 STANDARDS SPECIFICATION

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LETTING DATE:  
MARCH 21, 2006

Prepared In the Office of:  
**DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS**  
1000 Birch Ridge Drive Raleigh, N.C. 27610

B. S. COX, P. E.  
PROJECT ENGINEER

T. J. BEACH, P. E.  
PROJECT DESIGN ENGINEER

STRUCTURE DESIGN UNIT

G. Peretti  
 2.1.06

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

P.E.  
 STATE HIGHWAY ENGINEER - DESIGN  
 DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED FOR  
DIVISION ADMINISTRATOR

DATE