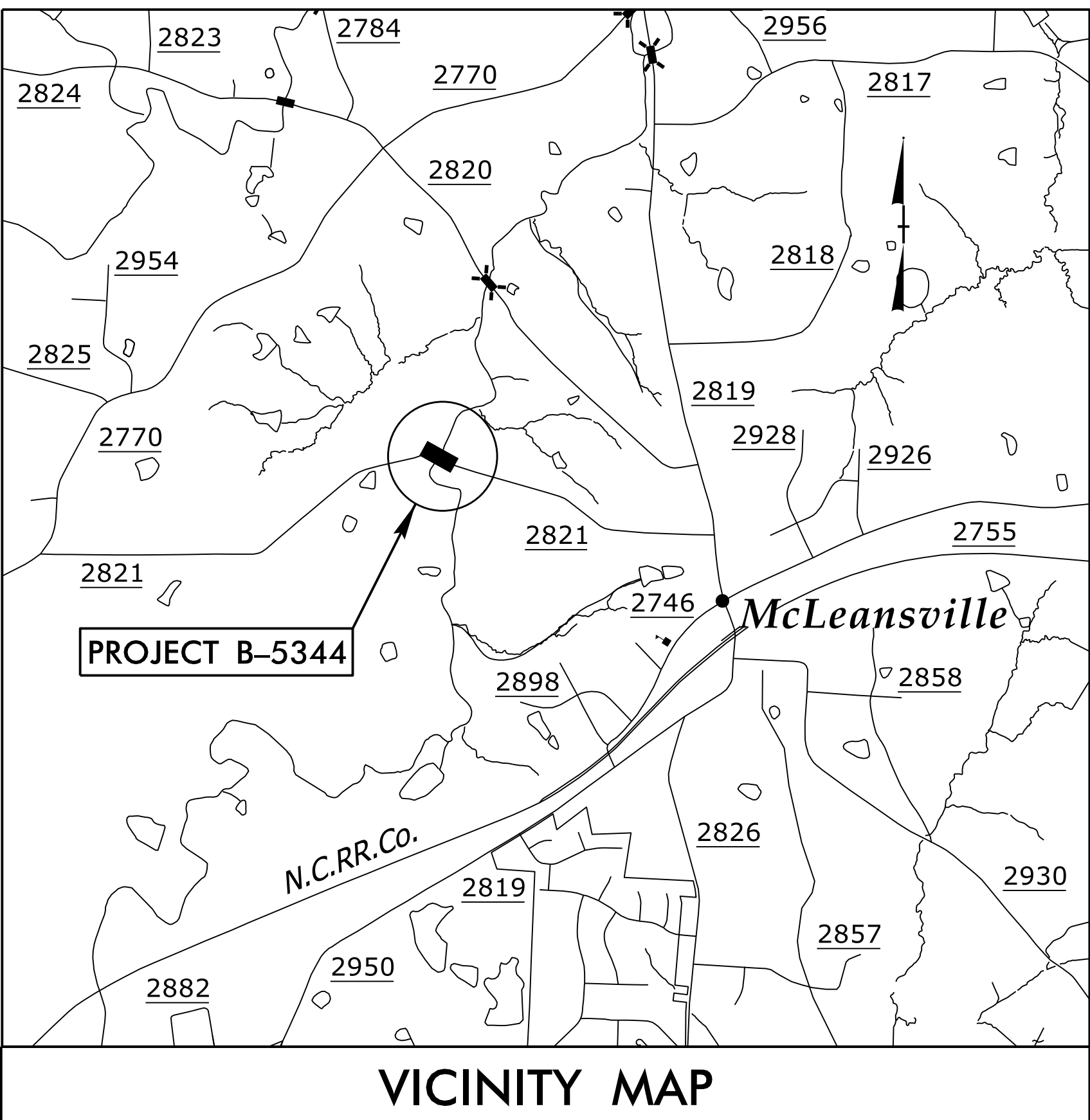


CONTRACT: C203728 TIP PROJECT: B-5344

STRUCTURE

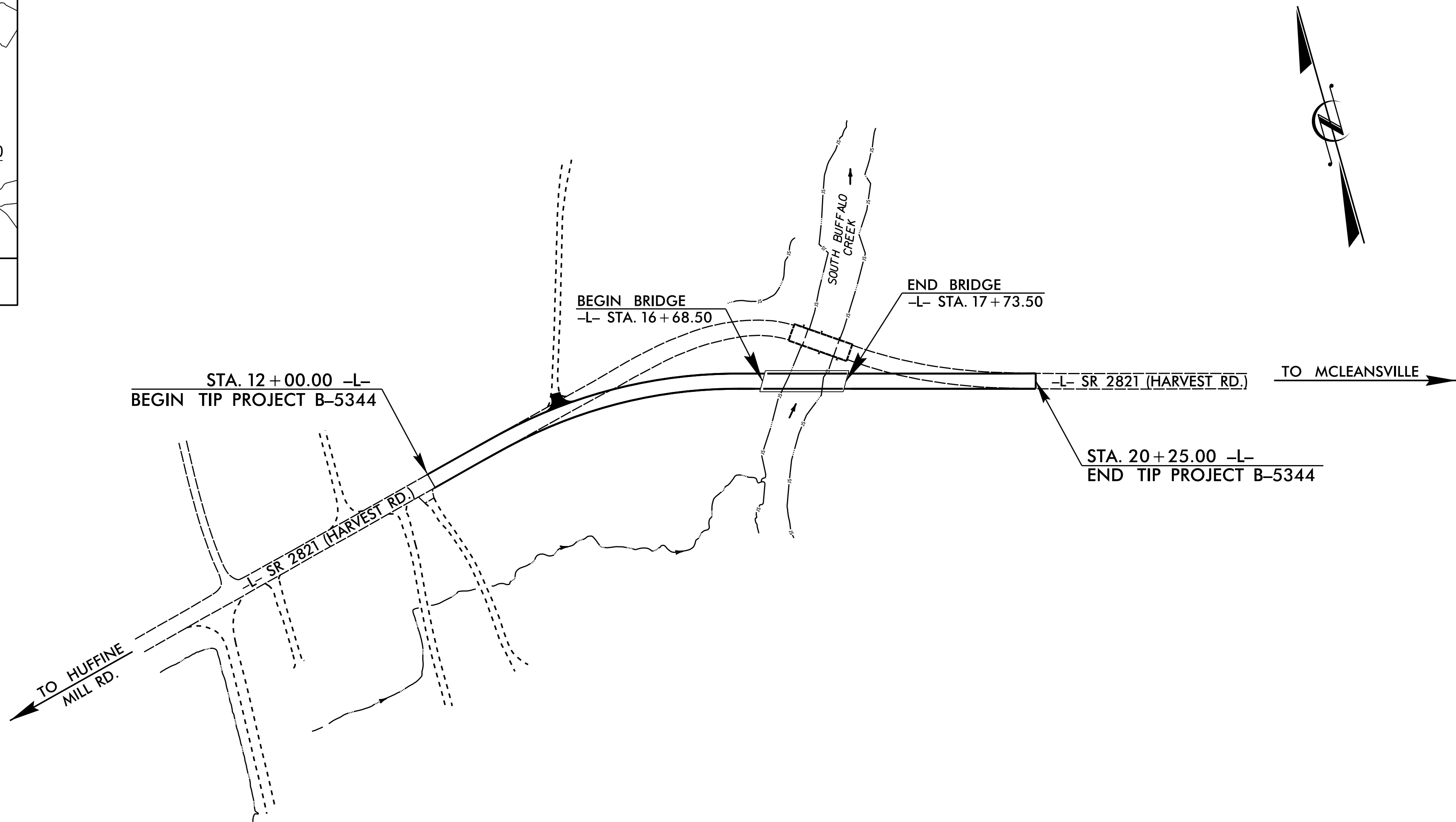


STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

GUILFORD COUNTY

**LOCATION: BRIDGE NO. 161 OVER SOUTH BUFFALO CREEK ON
 SR 2821 (HARVEST ROAD)**
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5344		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46058.1.1	BRZ-2821(1)	P.E.	
46058.2.1	BRZ-2821(1)	UTIL. & RW	
46058.3.1	BRZ-2821(1)	CONST.	



DESIGN DATA

ADT 2016 =	430
ADT 2040 =	600
K =	12 %
D =	55 %
T =	7 % *
V =	40 MPH

* (TTST = 1% + DUAL 6%)
 FUNC CLASS = LOCAL
 SUBREGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5344 =	0.136 MI
LENGTH STRUCTURE TIP PROJECT B-5344 =	0.020 MI
TOTAL LENGTH TIP PROJECT B-5344 =	0.156 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 : MAY 17, 2016

J. M. BAILEY, P.E.
 PROJECT ENGINEER

T. H. FANG, P.E.
 PROJECT DESIGN ENGINEER