

See Sheet 1A For Index of Sheets  
See Sheet 1B For Conventional Symbols

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**JOHNSTON COUNTY**

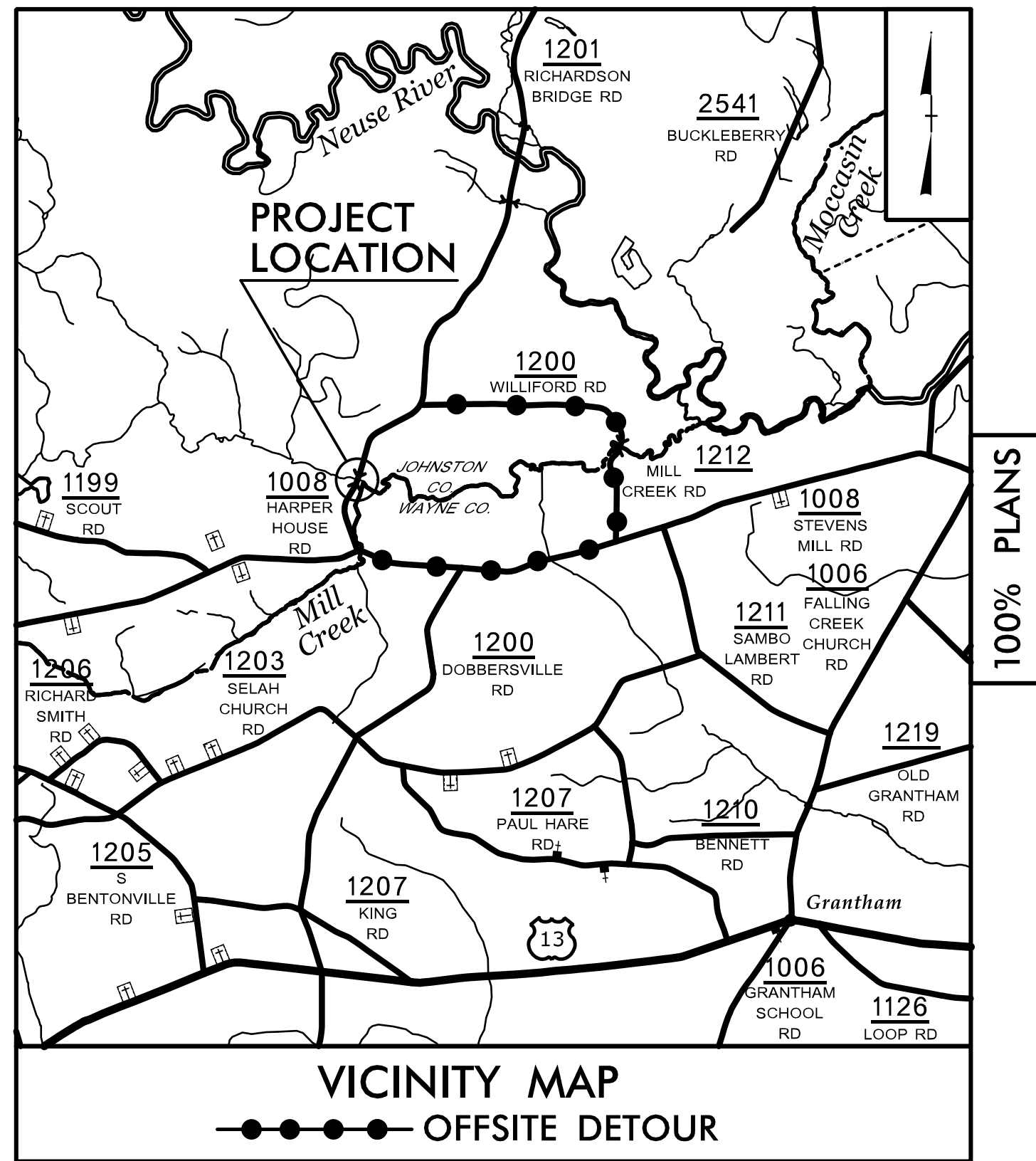
**LOCATION: REPLACE BRIDGE #11 OVER MILL CREEK  
ON SR 1201 (RICHARDSON BRIDGE RD.)**

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4771	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
38543.1.1	BRZ-1200(6)	PE	
38543.2.1		RW, UTL.	
38543.3.1		CONST.	

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

**TIP PROJECT: B-4771**



100% PLANS



**CONTRACT: C203903**

TO HARPER HOUSE RD.  
(SR 1008)

BEGIN BRIDGE  
-L- POT STA. 15 + 93.25

END BRIDGE  
-L- POT STA. 17 + 70.75

**4**

-L- SR 1201

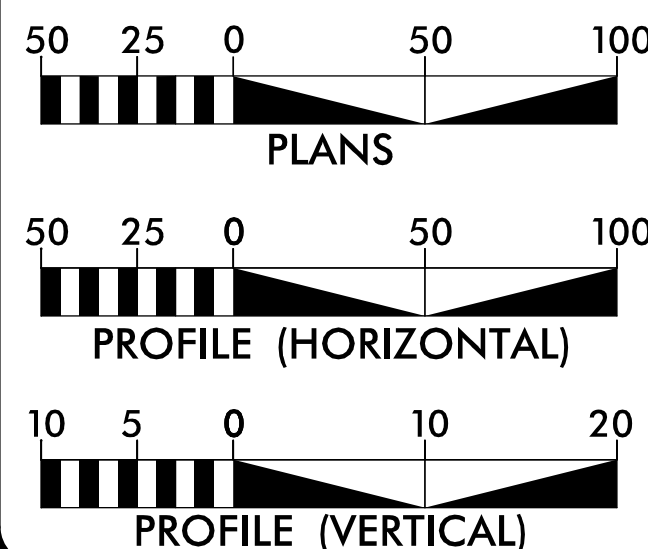
RICHARDSON BRIDGE RD.

TO WILLIFORD RD (SR 1200)

-L- POC STA. 14 + 00.00  
BEGIN TIP PROJECT B-4771

-L- POC STA. 19 + 25.00  
END TIP PROJECT B-4771

**GRAPHIC SCALES**



**DESIGN DATA**

ADT 2017 = 441  
ADT 2037 = 618  
K = 11 %  
D = 55 %  
T = 13 % \*  
V = 60 MPH  
\* (TTST 4% + DUAL 9%)  
FUNCT CLASS = MINOR COLLECTOR  
SUB-REGIONAL TIER DESIGN

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT B-4771 = 0.065 mile  
LENGTH STRUCTURES TIP PROJECT B-4771 = 0.034 mile  
TOTAL LENGTH TIP PROJECT B-4771 = 0.099 mile

Prepared For:  
**DIVISION OF HIGHWAYS**  
1000 Birch Ridge Dr., Raleigh NC, 27610

TGS ENGINEERS  
706 HILLSBOROUGH ST  
SUITE 200  
RALEIGH, NC 27603

By:  
PH (919) 773-8887  
CORP. LICENSE NO.: C-0275

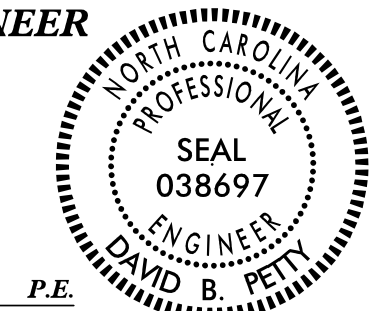
2012 STANDARD SPECIFICATIONS  
RIGHT OF WAY DATE:  
OCTOBER 26, 2016

LETTING DATE:  
MAY 16, 2017

**BURKE EVANS, PE**  
PROJECT ENGINEER  
**TRAVIS COOK, EI**  
PROJECT DESIGN ENGINEER  
**GARY LOVERING, PE**  
PROJECT ENGINEER  
NCDOT ROADWAY DESIGN

HYDRAULICS ENGINEER

DocuSigned by:  
David Petty  
3/16/2017  
SIGNATURE: P.E.



ROADWAY DESIGN ENGINEER

DocuSigned by:  
David Burke Evans  
3/16/2017  
SIGNATURE: P.E.

