STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4741		

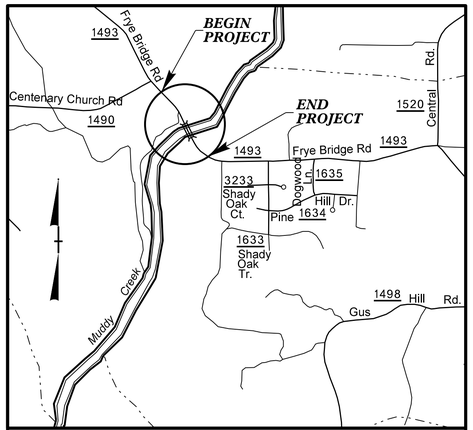
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
38514.1.1	BRZ-1493(2)	P.E.
38514.2.FD1	BRZ-1493(2)	R/W & UTIL.
38514.3.FD1	BRZ-1493(2)	CONST.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

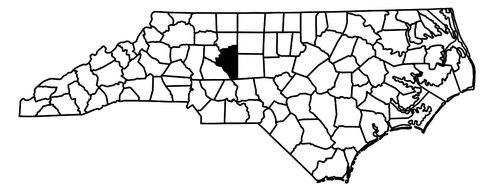
DAVIDSON COUNTY

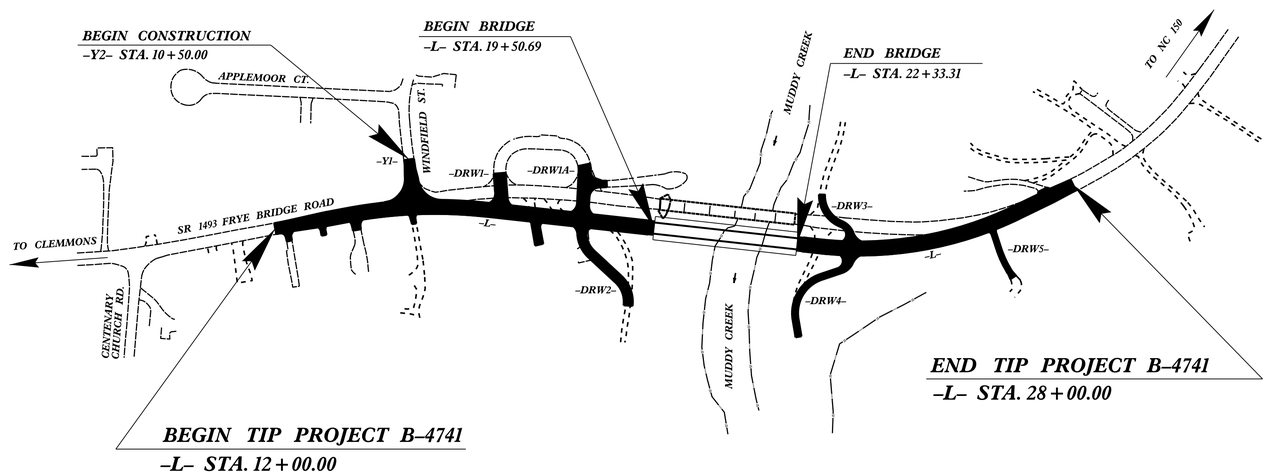
LOCATION: BRIDGE NO. 38 OVER MUDDY CREEK ON SR 1493 (FRYE BRIDGE ROAD)

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



VICINITY MAP





STRUCTURE

TIP PROJECT: B-4741

CONTRACT: C203499

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DESIGN DATA

ADT 2015 = 3,743 VPD
ADT 2035 = 5,600 VPD
DHV = 13 %
D = 60 %
*T = 3 %
V = 50 MPH
*(TTST 1% + DUAL 2%)
FUNC. CLASS. = RURAL MINOR COLLECTOR
SUBREGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-4741 = 0.249 MILE
LENGTH STRUCTURE TIP PROJECT B-4741 = 0.054 MILE
TOTAL LENGTH TIP PROJECT B-4741 = 0.303 MILE

Prepared in the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh NC, 27610

2012 STANDARD SPECIFICATIONS

LETTING DATE:
DECEMBER 16, 2014

L. E. SUTTON, P.E.
PROJECT ENGINEER

V. A. PATEL, P.E.
PROJECT DESIGN ENGINEER

STRUCTURES MANAGEMENT UNIT
1000 Birch Ridge Dr., Raleigh NC, 27610

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

17-SEP-2014 13:50
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vpatel