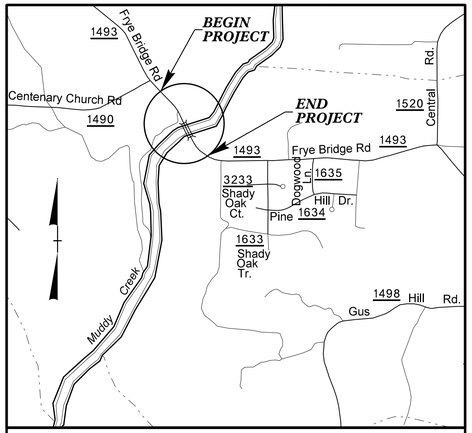
09/08/99

TIP PROJECT: B-4741

CONTRACT: C203499

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



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

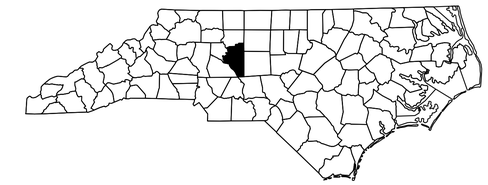
DAVIDSON COUNTY

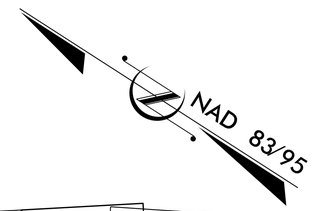
LOCATION: BRIDGE NO. 38 OVER MUDDY CREEK ON SR 1493 (FRYE BRIDGE ROAD)

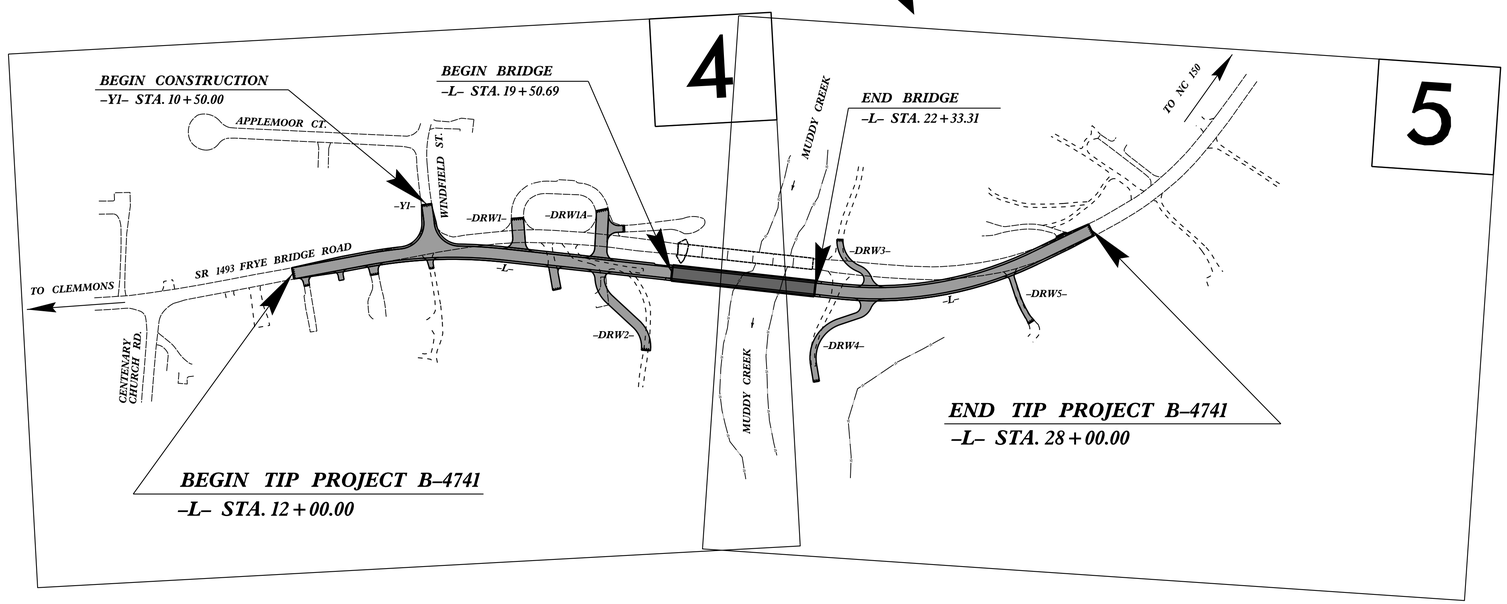
TYPE OF WORK: GRADING, PAVING, DRAINAGE, AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4741	1	

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.







GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

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

RIGHT OF WAY DATE:
DECEMBER 18, 2013

LETTING DATE:
DECEMBER 16, 2014

TONY HOUSER, PE
PROJECT ENGINEER

JEFFREY L. TEAGUE, PE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER
9/15/2014
DocuSigned by: Ronald Ferguson
SIGNATURE:
NORTH CAROLINA PROFESSIONAL SEAL 023510 ENGINEER RONALD D. FERGUSON

ROADWAY DESIGN ENGINEER
9/16/2014
DocuSigned by: Jeffrey L. Teague
SIGNATURE:
NORTH CAROLINA PROFESSIONAL SEAL 033298 ENGINEER JEFFREY L. TEAGUE

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

03-SEP-2014 12:53
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$$$$USERNAME$$$$