09/08/99

TIP PROJECT: B-5113

CONTRACT: C203517

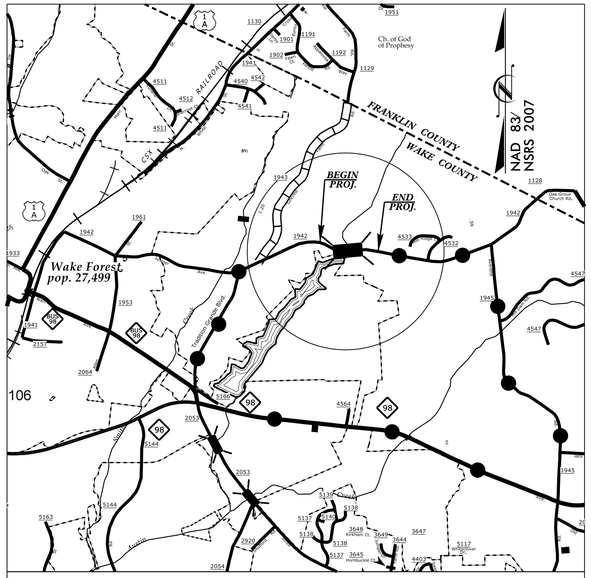
See Sheet 1-A For Index of Sheets
See Sheet 1-B For Conventional Symbols

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WAKE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5113	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
42251.1.FD1	FSTRBRZ-1942(1)	P.E.
42251.2.FD1	BRZ-1942(1)	ROW & UTIL
42251.3.FD1	BRZ-1942(1)	CONST.



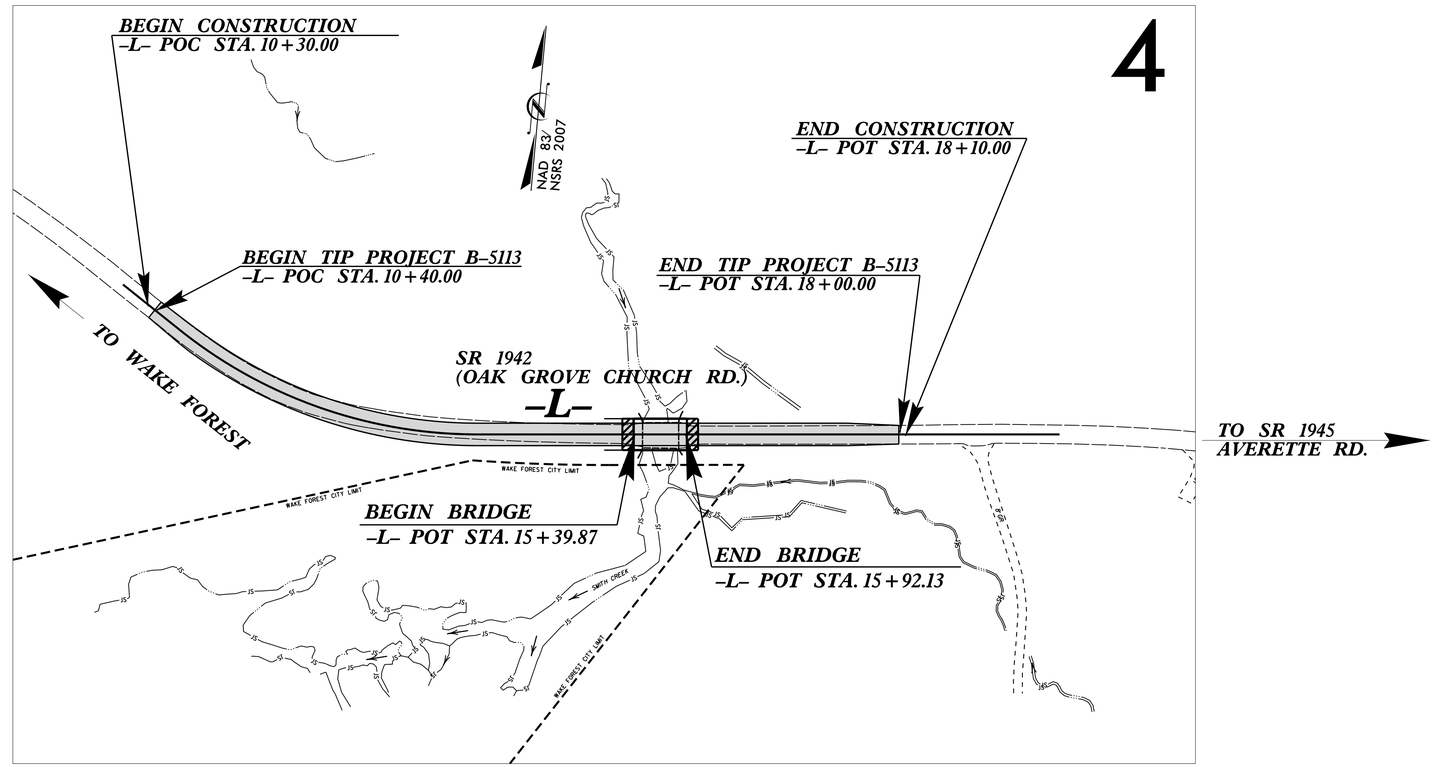
OFFSITE DETOUR

VICINITY MAP SHOWING LOCATION OF PROJECT B-5113

LOCATION: BRIDGE NO. 157 ON SR 1942 (OAK GROVE CHURCH ROAD) OVER SMITH CREEK

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

4



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 = 1,877
ADT 2035 = 6,185
DHV = 10 %
D = 75 %
T = 3 % *
V = 40 MPH
* TTST 1 DUAL 2
FUNC CLASS = LOCAL
SUB REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5113	= 0.134 MILES
LENGTH STRUCTURE TIP PROJECT B-5113	= 0.010 MILES
TOTAL LENGTH TIP PROJECT B-5113	= 0.144 MILES

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

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 28, 2014

LETTING DATE:
JANUARY 20, 2015

TONY HOUSER, P.E.
PROJECT ENGINEER

LEE ANN MOORE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

DocuSigned by: Ray D. Loringgood 11/19/2014
045BBB7F58224FE...
SIGNATURE:

NORTH CAROLINA PROFESSIONAL SEAL 019775 ENGINEER RAY D. LORINGGOOD

ROADWAY DESIGN ENGINEER

DocuSigned by: Anthony Houser 11/10/2014
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SIGNATURE:

NORTH CAROLINA PROFESSIONAL SEAL 18494 ENGINEER ANTHONY AARON HOUSER

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

07-NOV-2014 15:07
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