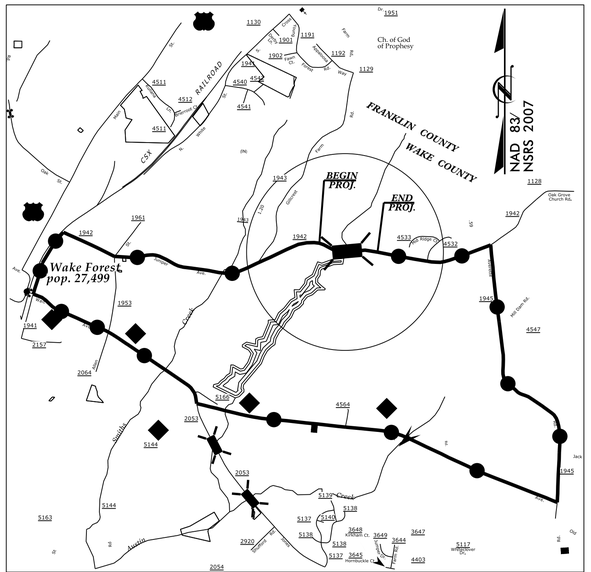
DocuSign Envelope ID: D289D98F-F883-46A5-AB4C-BF5D984FF1C6

TIP NO: B–5113

CONTRACT: C203517



OFFSITE DETOUR

VICINITY MAP SHOWING LOCATION OF PROJECT B–5113

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

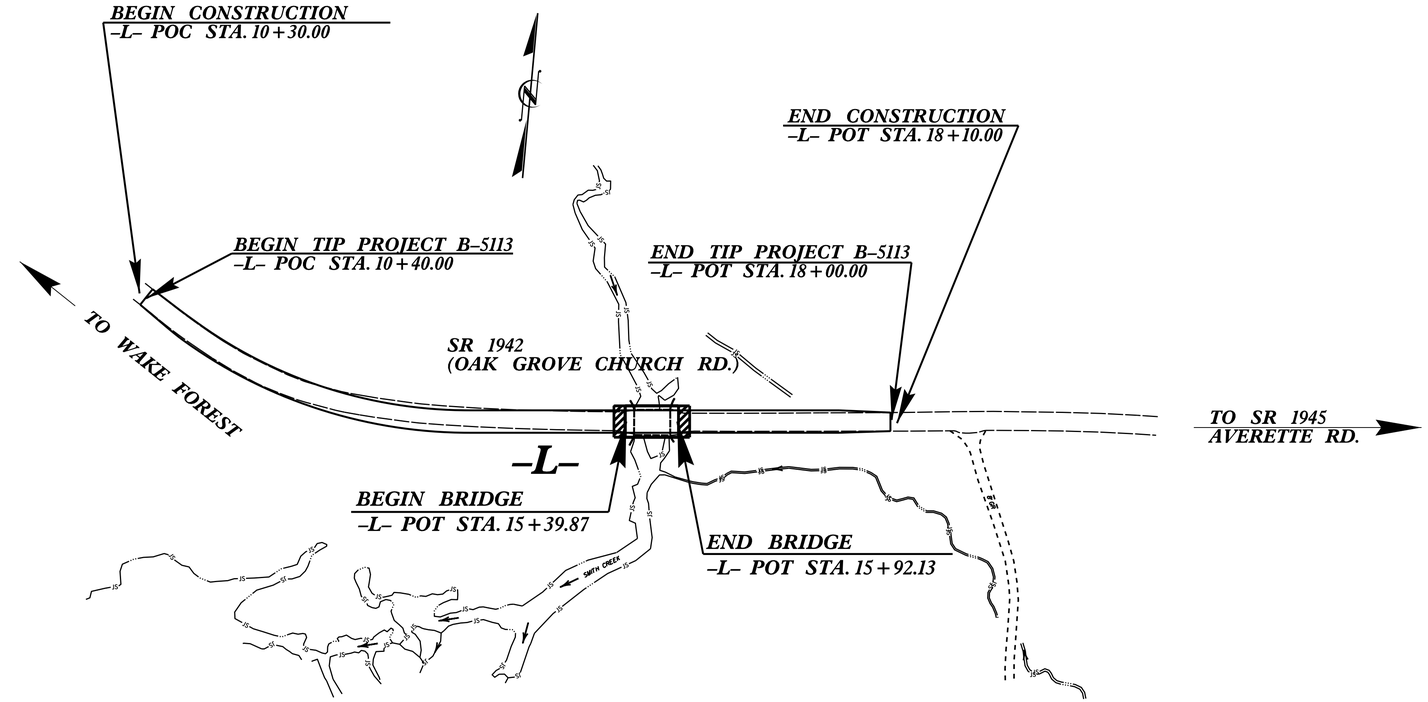
WAKE COUNTY

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

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
42251.1.FD1	BRZ–1942(1)	PE
42251.2.FD1	BRZ–1942(1)	R/W & UTIL
42251.3.FD1	BRZ–1942(1)	CONST.

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

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



STRUCTURE

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DESIGN DATA

ADT 2015 = 1877
ADT 2035 = 6185
DHV = 10%
D = 75%
T = 3% *
* (TTST 1% + DUAL 2%)
V = 40 MPH
FUNC CLASS = LOCAL

SUBREGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY OF F.A. PROJECT = 0.134 mi.
LENGTH STRUCTURE OF F.A. PROJECT = 0.010 mi.
TOTAL LENGTH OF STATE PROJECT = 0.144 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 :
JANUARY 20, 2015

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PROJECT ENGINEER

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PROJECT DESIGN ENGINEER