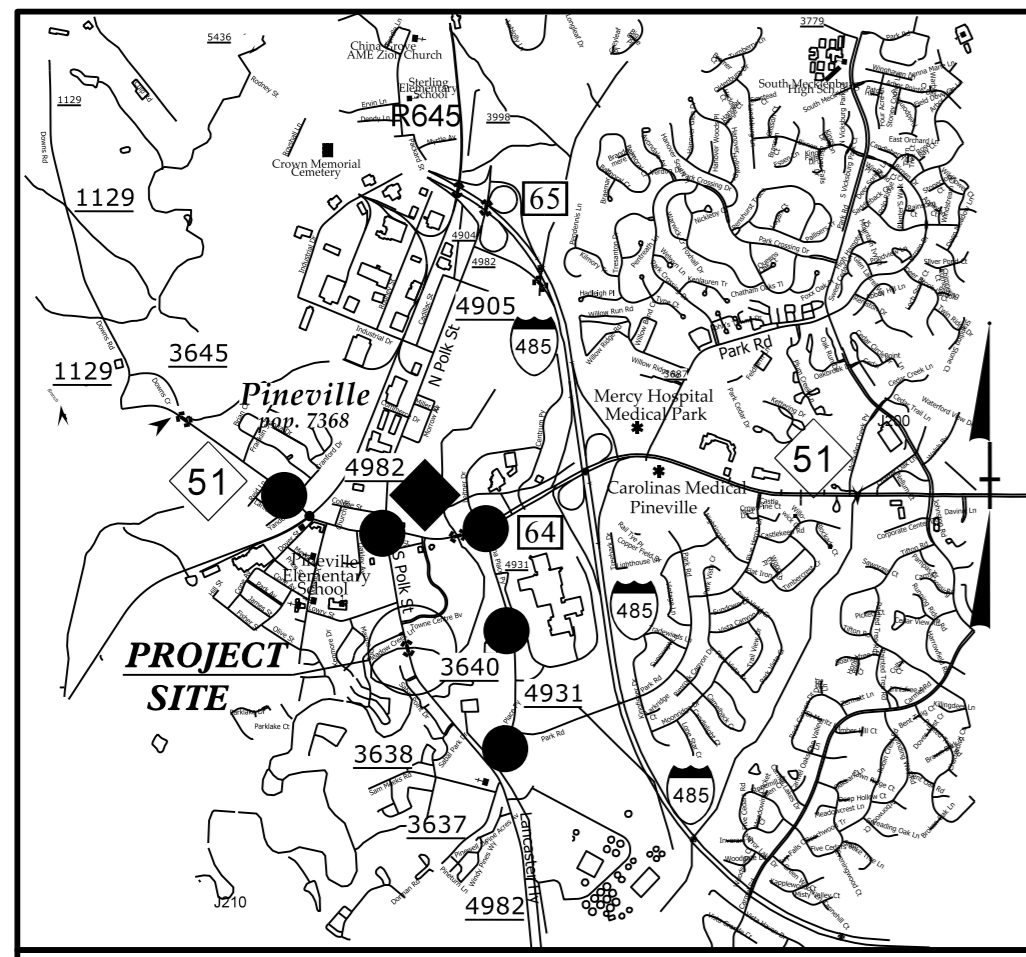


CONTRACT: C203550 TIP NO: B-5105



VICINITY MAP

● ● ● ● DETOUR ROUTE

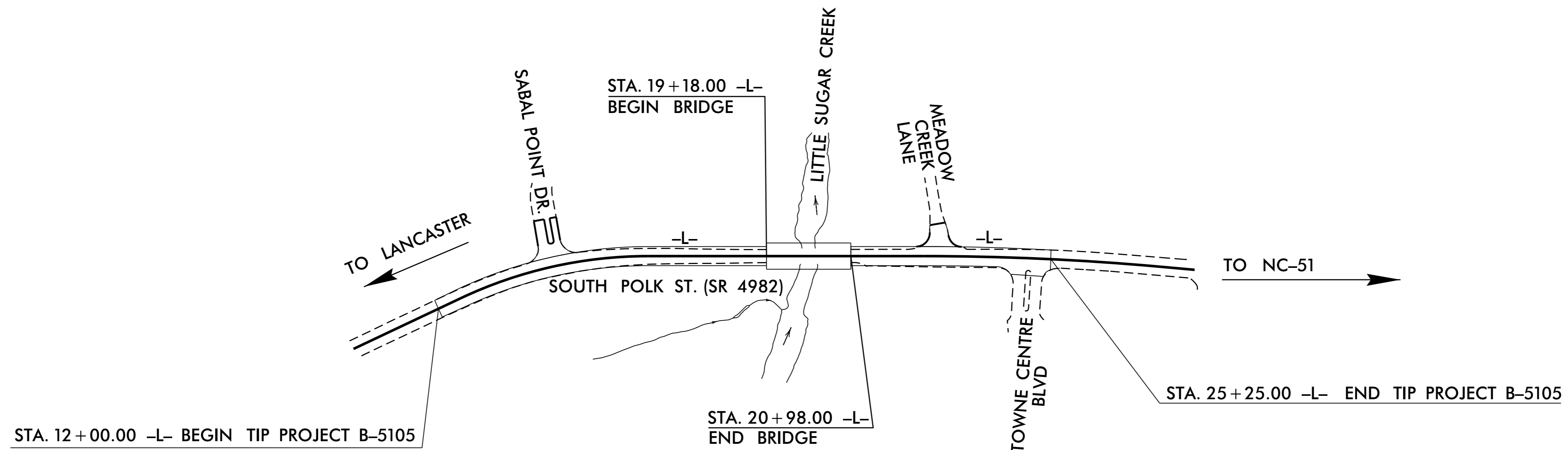
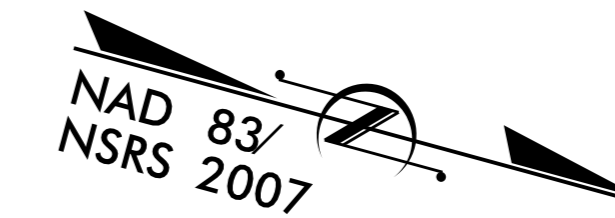
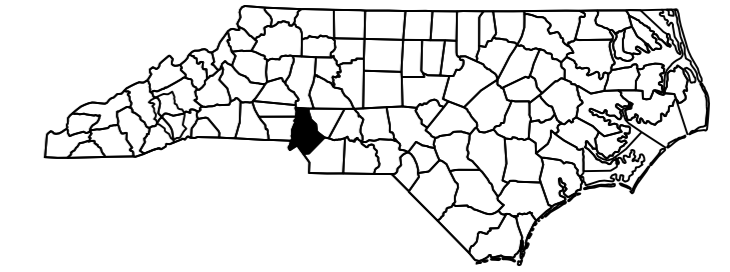
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MECKLENBURG COUNTY

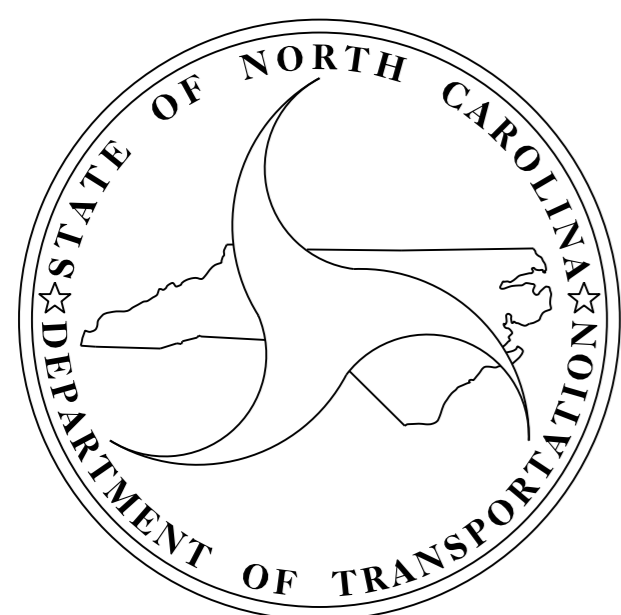
LOCATION: BRIDGE 49 ON SR 4982 (SOUTH POLK ST.)
OVER LITTLE SUGAR CREEK

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5105		
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
42180.1.1	BRSTP-4982(7)	PE	
42180.2.FD1	BRSTP-4982(7)	RW	
42180.2.FDU1	BRSTP-4982(7)	UTILITIES	
42180.3.FD1	BRSTP-4982(7)	CONST.	



STRUCTURE



DESIGN DATA

ADT 2015 = 17,700
ADT 2035 = 24,600
K = 11 %
D = 65 %
T = 6 % *
V = 40 MPH
* TTST = 1% DUAL 5%
FUNC CLASS =
COLLECTOR
SUB REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY OF F.A. PROJECT = 0.217 MILES
LENGTH STRUCTURE OF F.A. PROJECT = 0.034 MILES
TOTAL LENGTH OF STATE PROJECT = 0.251 MILES

Prepared In the Office of:
DIVISION OF HIGHWAYS
STRUCTURES MANAGEMENT UNIT
1000 BIRCH RIDGE DR.
RALEIGH, N.C. 27610

2012 STANDARD SPECIFICATIONS

LETTING DATE : AUGUST 18, 2015

L.E. SUTTON, PE
PROJECT ENGINEER

D.A. DAVENPORT, JR., PE
PROJECT DESIGN ENGINEER