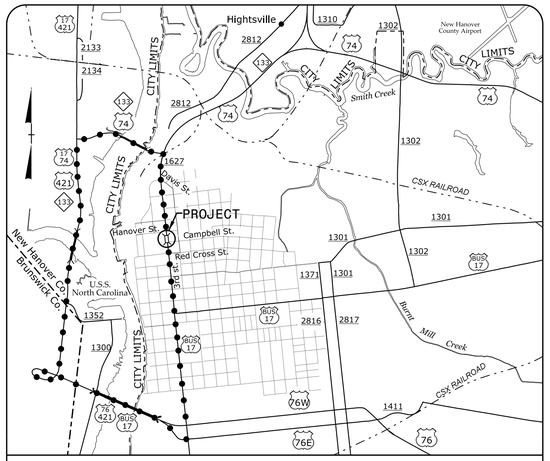
TIP PROJECT: B-5103

CONTRACT: C203540

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



VICINITY MAP

DENOTES OFF-SITE DETOUR

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NEW HANOVER COUNTY

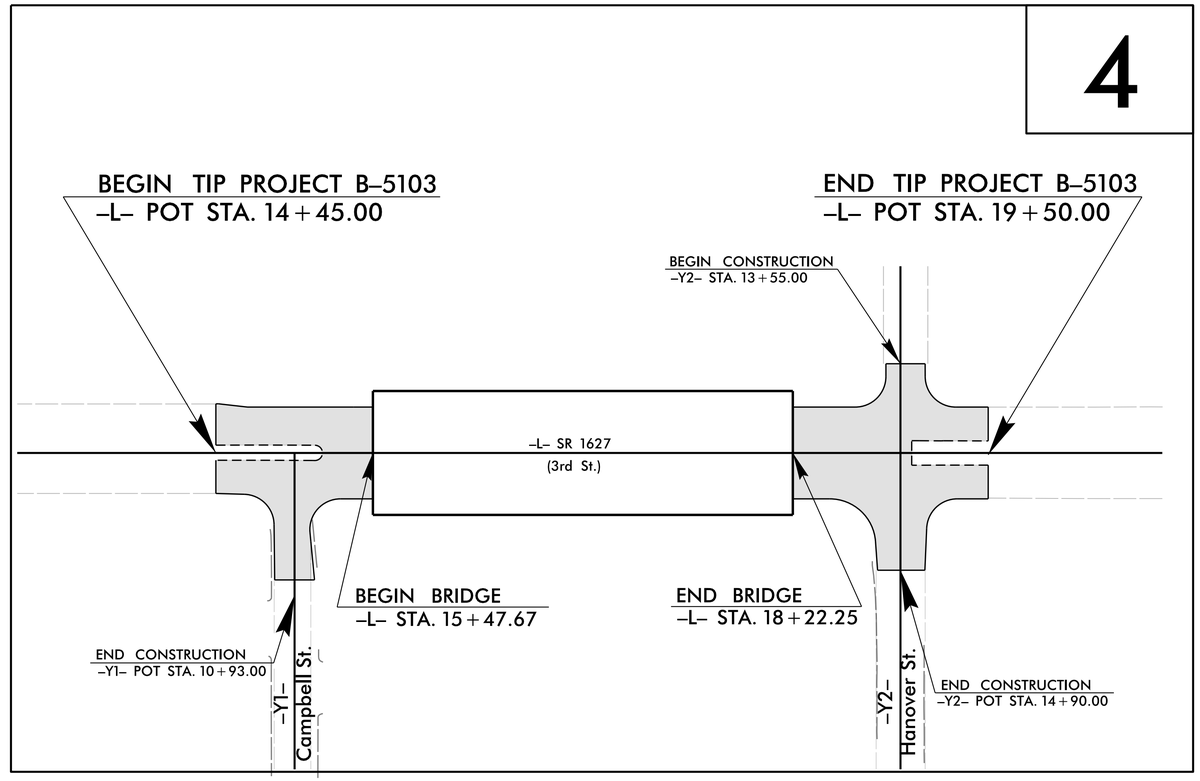
LOCATION: REPLACE BRIDGE NO. 35 OVER ABANDONED RAILROAD ON SR 1627 (3rd St.) IN WILMINGTON

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5103	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
42238.1.1	BRSTP-1627(11)	PE
42238.2.FDU1	BRSTP-1627(11)	R/W & UTILITY
42238.3.FD1	BRSTP-1627(12)	CONST.

NAD 83/
NSRS 2007



GRAPHIC SCALES

30 15 0 30 60
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

DESIGN DATA

ADT 2015 = 18,800
ADT 2035 = 21,300
K = 9 %
D = 55 %
T = 3 % *
V = 40 MPH
* TTST =1% DUAL 2%
FUNC CLASS =
URBAN ARTERIAL
REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-5103 = 0.044 MILES
LENGTH STRUCTURE TIP PROJECT B-5103 = 0.052 MILES
TOTAL LENGTH TIP PROJECT B-5103 = 0.096 MILES

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

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
MARCH 21, 2014

LETTING DATE:
FEBRUARY 17, 2015

GARY LOVERING, PE
PROJECT ENGINEER

CHRISTOPHER H. LEE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 039785 ENGINEER Craig A. Freeman

DocuSigned by: Craig A. Freeman, Jr. P.E. 12/1/2014
SIGNATURE:

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 025873 ENGINEER GARY R. LOVERING

DocuSigned by: Gary Lovering P.E. 12/1/2014
SIGNATURE:

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

10/12/12

26-NOV-2014 10:46
R:\Roadway\Proj\B-5103_Rdy_tsh.dgn
$$$$USERNAME$$$$