

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

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PENDER COUNTY

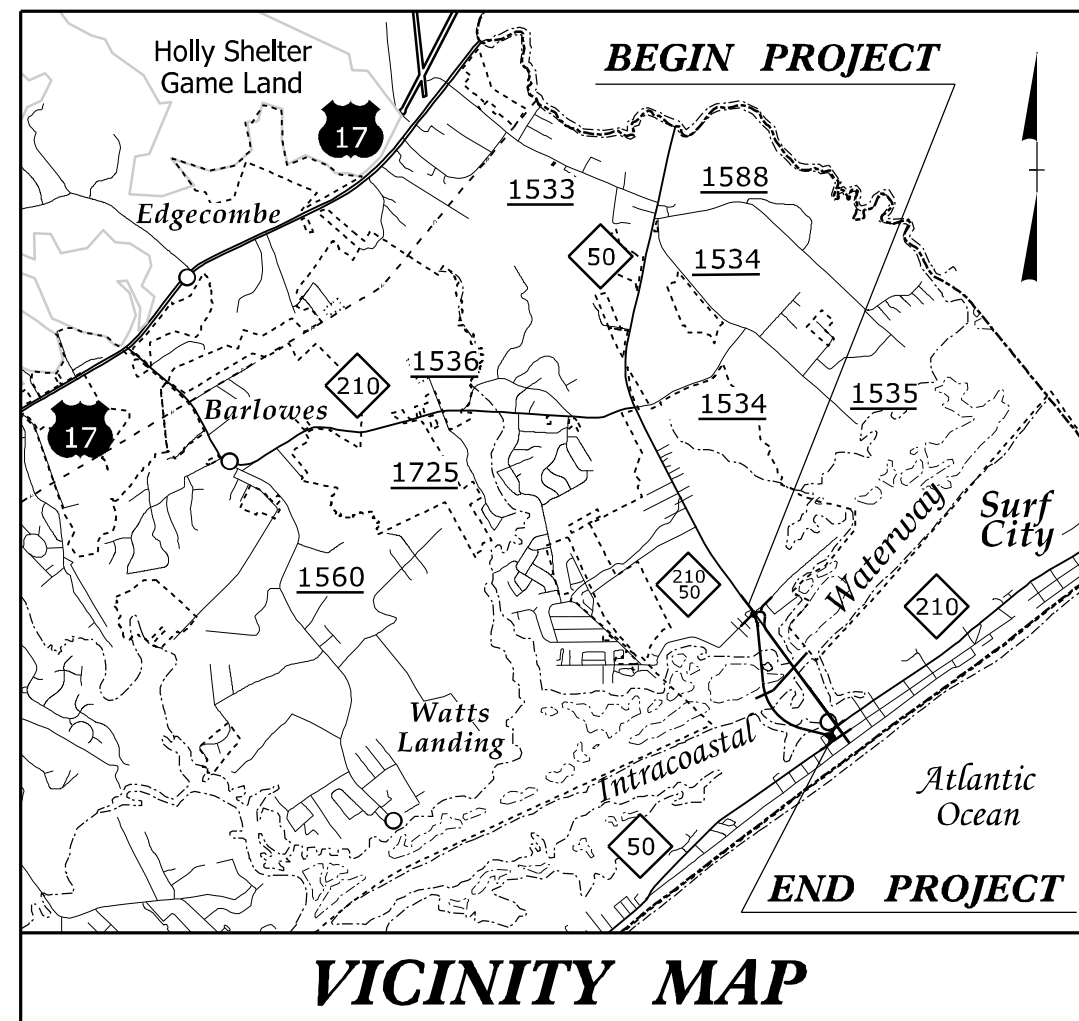
**LOCATION: BRIDGE NO. 16 OVER THE INTRACOASTAL
WATERWAY ON NC 50-210**

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

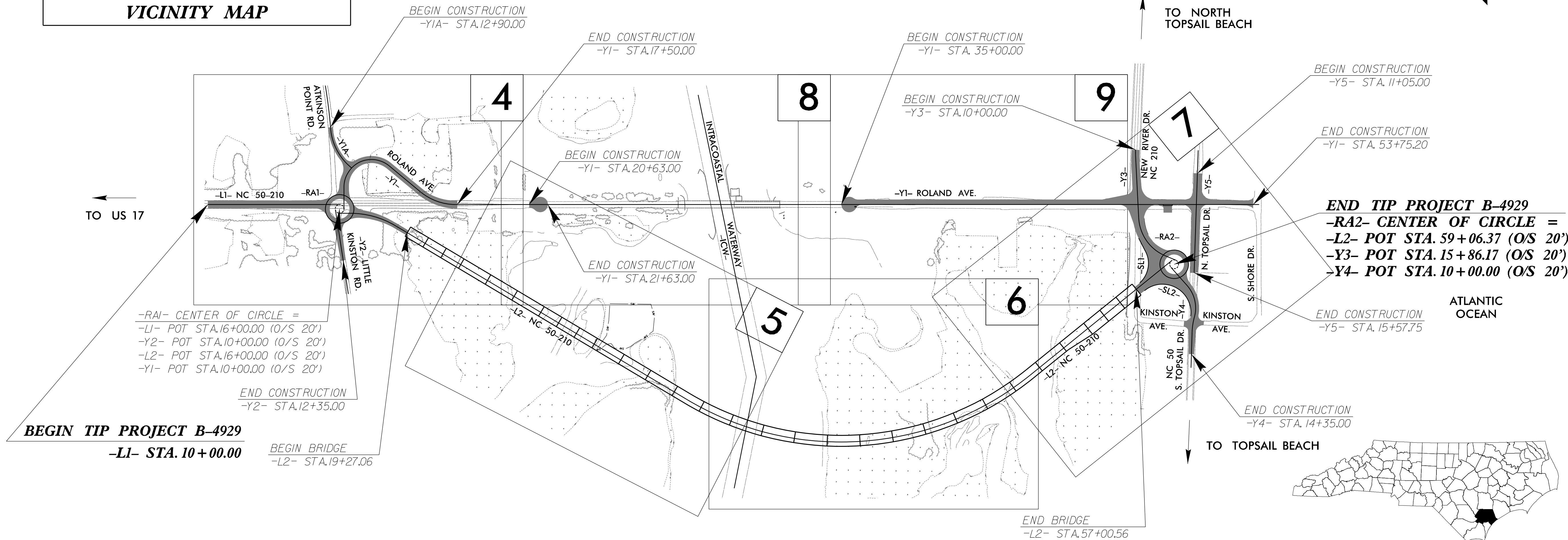
| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C. | B-4929 | 1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 40233.1.1 | BRSTP-0050(10) | PE | |
| 40233.2.1 | N/A | R/W | |
| 40233.2.2 | N/A | UTL | |
| 40233.3.1 | N/A | CONST | |

TIP PROJECT: B-4929

CONTRACT: C203789



VICINITY MAP



END TIP PROJECT B-4929
 -RA2- CENTER OF CIRCLE =
 -L2- POT STA. 59+06.37 (O/S 20')
 -Y3- POT STA. 15+86.17 (O/S 20')
 -Y4- POT STA. 10+00.00 (O/S 20')

-RA1- CENTER OF CIRCLE =
 -L1- POT STA. 16+00.00 (O/S 20')
 -Y2- POT STA. 10+00.00 (O/S 20')
 -L2- POT STA. 16+00.00 (O/S 20')
 -Y1- POT STA. 10+00.00 (O/S 20')

BEGIN TIP PROJECT B-4929
 -L1- STA. 10+00.00

BEGIN BRIDGE
 -L2- STA. 19+27.06

END CONSTRUCTION
 -Y5- STA. 15+57.75

BEGIN CONSTRUCTION
 -Y5- STA. 11+05.00

END CONSTRUCTION
 -Y1- STA. 53+75.20

BEGIN CONSTRUCTION
 -Y1- STA. 35+00.00

BEGIN CONSTRUCTION
 -Y3- STA. 10+00.00

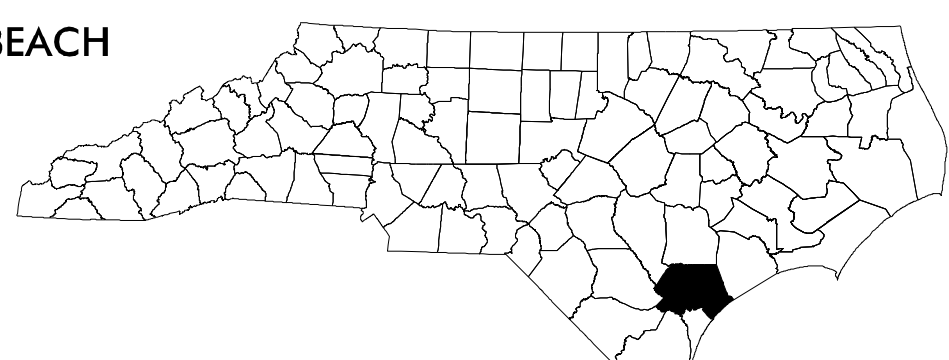
END CONSTRUCTION
 -Y1- STA. 17+50.00

BEGIN CONSTRUCTION
 -Y1- STA. 20+63.00

END CONSTRUCTION
 -Y1- STA. 21+63.00

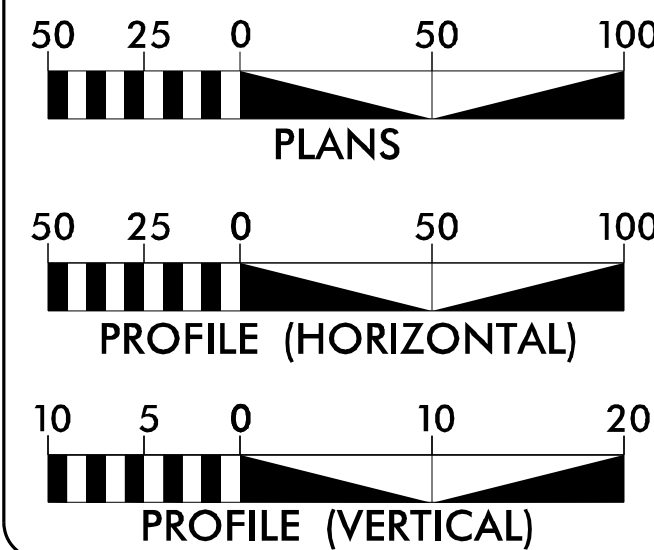
BEGIN CONSTRUCTION
 -Y1A- STA. 12+90.00

END BRIDGE
 -L2- STA. 57+00.56



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

GRAPHIC SCALES



DESIGN DATA

ADT 2016 = 17,200
 ADT 2036 = 30,000
 DHV = 9 %
 D = 55 %
 T = 3 % *
 V = 40 MPH
 * TTST = 1% DUAL = 2%
 FUNC CLASS =
 MAJOR COLLECTOR
 REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-4929 = 0.214 MILES
 LENGTH STRUCTURE TIP PROJECT B-4929 = 0.715 MILES
 TOTAL LENGTH TIP PROJECT B-4929 = 0.929 MILES

-L1- AND -L2- USED TO CALCULATE PROJECT LENGTH

PLANS PREPARED BY:

RS&H 8601 SIX FORKS ROAD, SUITE 260
 RALEIGH, NC 27615
 919-926-4100

FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
 AUGUST 31, 2015

LETTING DATE:
 AUGUST 16, 2016

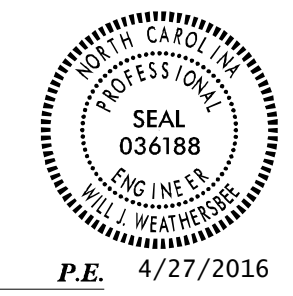
JENNIFER FARINO, PE
 PROJECT ENGINEER

SEAN KORTOVICH, EI
 PROJECT DESIGNER

TONY HOUSER, PE
 NCDOT CONTACT

**HYDRAULICS
ENGINEER**

DocuSigned by:
 Will Mathews
 036188
 SIGNATURE:



**ROADWAY DESIGN
ENGINEER**

DocuSigned by:
 030952
 SIGNATURE:

