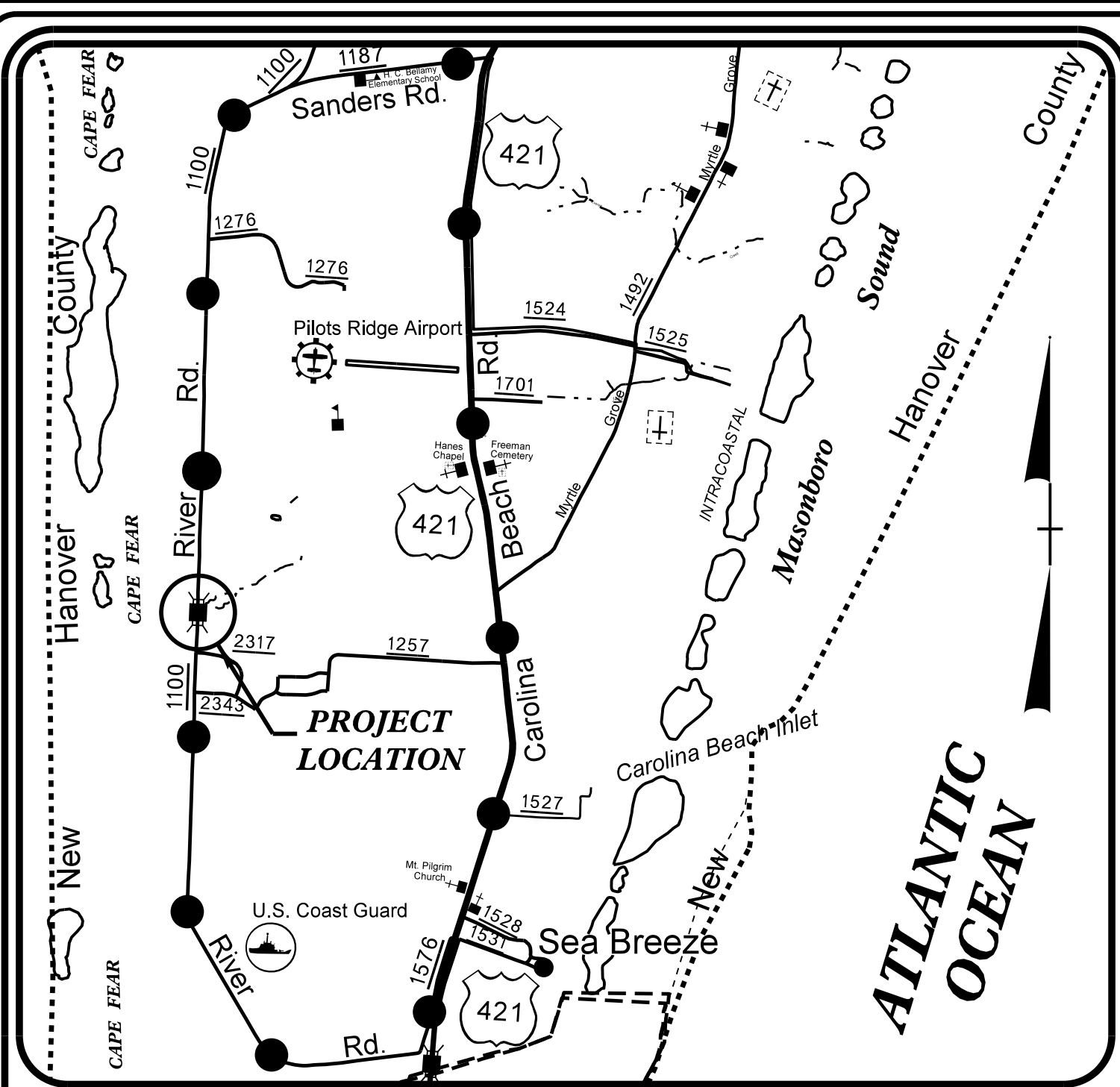


**TIP PROJECT: B-5236**

**CONTRACT: C203957**



**VICINITY MAP**  
(NOT TO SCALE)



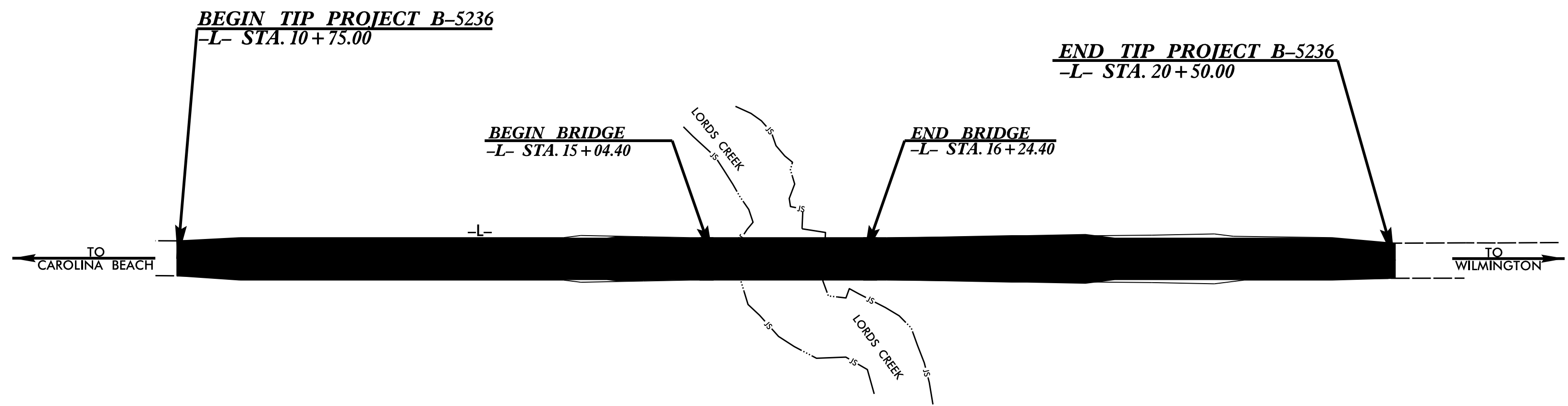
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**NEW HANOVER COUNTY**

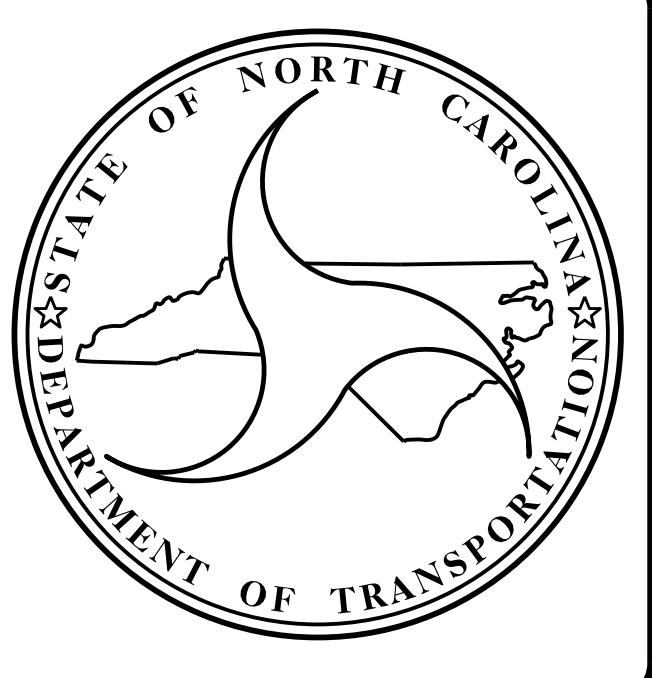
**LOCATION: REPLACE BRIDGE NO. 19 OVER LORDS CREEK  
ON SR 1100**

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

| STATE           | STATE PROJECT REFERENCE NO. | SHEET NO.     | TOTAL SHEETS |
|-----------------|-----------------------------|---------------|--------------|
| N.C.            | B-5236                      |               |              |
| STATE PROJ. NO. | F.A. PROJ. NO.              | DESCRIPTION   |              |
| 42840.1.1       | BRSTP-1100(29)              | P.E.          |              |
| 42840.2.1       |                             | ROW & UTILITY |              |
| 42840.3.1       |                             | CONST.        |              |
|                 |                             |               |              |
|                 |                             |               |              |
|                 |                             |               |              |



**STRUCTURE**



**DESIGN DATA**  
 ADT 2017 = 5400  
 ADT 2037 = 9075  
 K = 11 %  
 D = 80 %  
 T = 3 % \*  
 V = 60 MPH  
 \* (TTST = 1% + DUALS 2%)  
 FUNC CLASS = MINOR ARTERIAL  
 SUB-REGIONAL TIER

**PROJECT LENGTH**  
 LENGTH ROADWAY TIP PROJECT B-5236 = 0.162 mi  
 LENGTH STRUCTURE TIP PROJECT B-5236 = 0.023 mi  
 TOTAL LENGTH OF TIP PROJECT B-5236 = 0.185 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 :**  
 SEPTEMBER 19, 2017

**G. W. DICKEY, P.E.**  
 PROJECT ENGINEER