



**NEAR SIDE REST PIER CONDUIT SCHEMATIC**

- NOTES:**
1. PROVIDE STRIP HEATERS IN ALL TERMINAL BOXES.
  2. ALL FLOOR AND WALL PENETRATIONS SHALL BE SEALED AND WATERTIGHT.
  3. SEPARATE ALL LOW VOLTAGE AND DC CONDUCTORS AND TERMINALS FROM AC WIRING IN TERMINAL BOXES. DO NOT TERMINATE SIGNAL AND COMMUNICATION CABLES IN THE TERMINAL BOXES.
  4. SEPARATE ALL 480VAC CONDUCTORS AND TERMINALS FROM 120VAC WIRING IN TERMINAL BOXES. ALL 480VAC CONDUCTORS SHALL BE PROVIDED COVERS FOR MAINTENANCE PROTECTION. PROVIDE WARNINGS ON ALL TERMINAL BOXES WITH 480VAC CONDUCTORS THAT 480VAC CONDUCTORS ARE PRESENT IN THE BOX.
  5. SEE SHEET E-32 AND E-45 FOR VARIOUS LIGHTING PANEL LOADS.
  6. PROVIDE A GROUND BOND INSIDE JUNCTION BOXES WHERE NECESSARY.

PROJECT NO. **B-5936**  
**TYRRELL** COUNTY  
 BRIDGE NO: **7**

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**CONDUIT SCHEMATIC:  
 LAYOUT SHEET 1**

**ALLIGATOR RIVER  
 SWING SPAN**

DocuSigned by:  
 Scott Reynolds  
 PROFESSIONAL SEAL  
 036065  
 9/14/2016  
 ENGINEER  
 S. A. REYNOLDS

**HH Hardesty & Hanover**  
 engineering that moves you

DRAWN BY: QIV DATE: 8/8/2016  
 CHECKED BY: MJT DATE: 8/8/2016  
 DESIGN ENGINEER OF RECORD: CHS DATE: 8/8/2016

DWG NUMBER	TOTAL DWGS	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	NO	BY	DATE	NO	BY	DATE	SHEET NO.
59	90		1			3			E-43
			2			4			TOTAL SHEETS 51