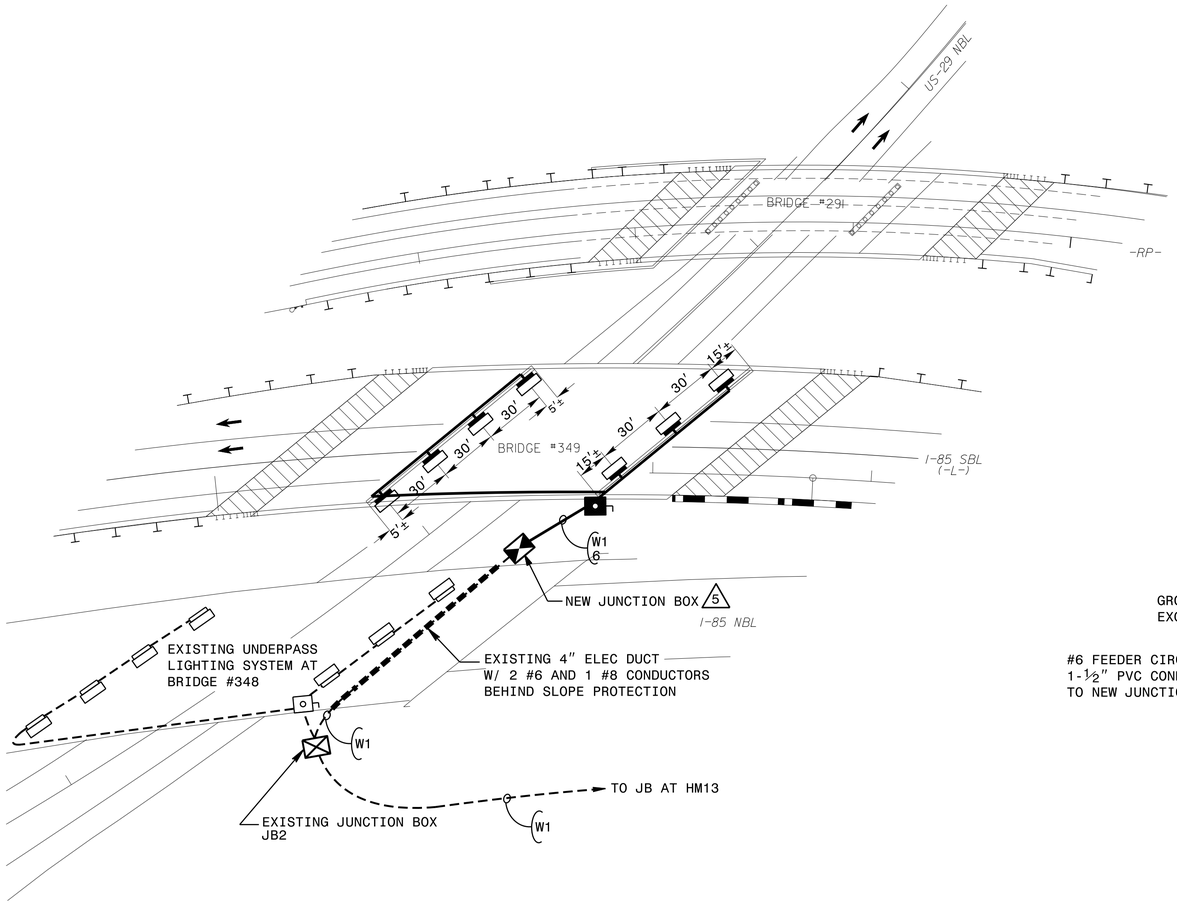
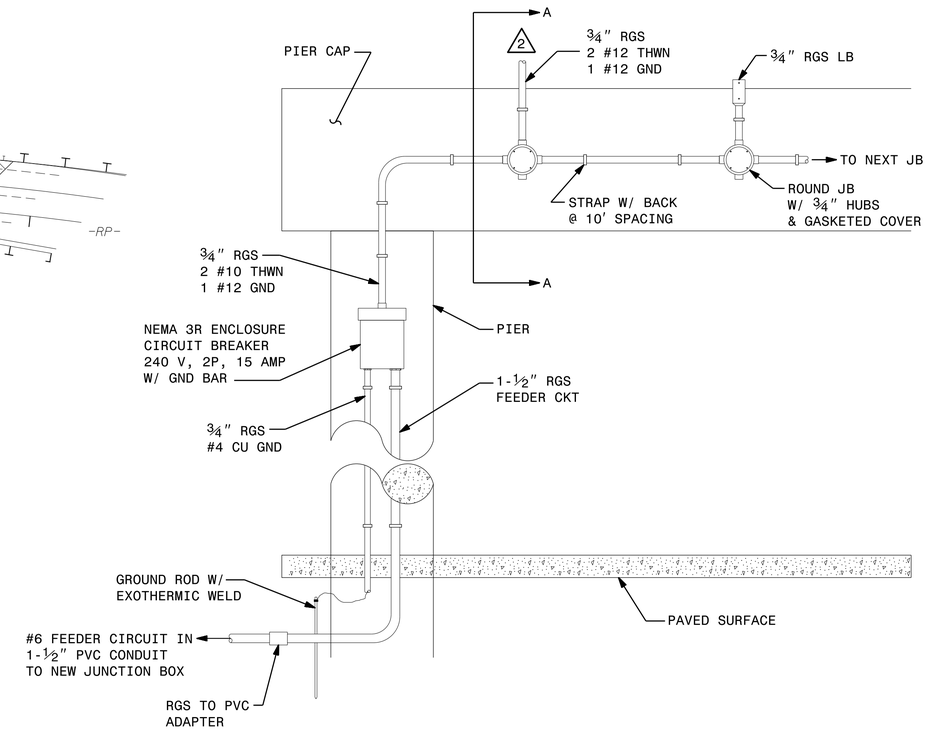
PROJECT REFERENCE NO.	SHEET NO.
B-5119	E3

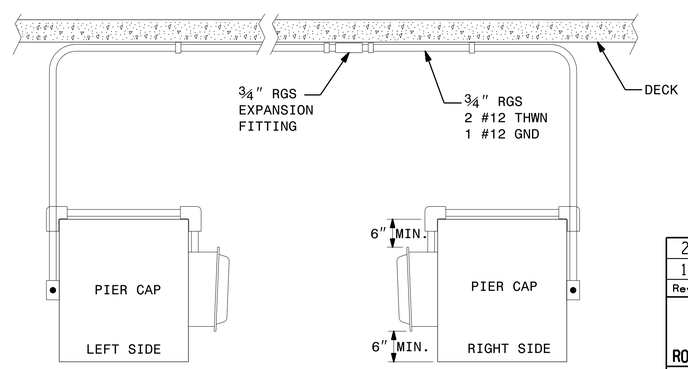


PROPOSED REPLACEMENT UPL-2 @ BRIDGE #349
&
EXISTING UPL-1 @ BRIDGE #348



PROPOSED UNDERPASS CIRCUITRY 1
@ BRIDGE 349

1. ALL CONDUIT ENTRANCES INTO ENCLOSURES, BOXES OR LUMINAIRES SHALL BE WATERTIGHT.
2. EXTEND BRANCH CIRCUIT TO THE FAR SIDE OF THE OPPOSITE PIER CAP BY ATTACHING TO THE UNDERSIDE OF THE DECK.
3. REMOVE AND DISPOSE OF EXISTING UNDERPASS LIGHTING SYSTEM ON OLD BRIDGE #349.
4. MOUNT ALL LUMINAIRES AT A UNIFORM HEIGHT ABOVE ROADWAY. (15'-0" DESIRABLE)
5. INTERCEPT EXISTING CIRCUITRY SERVING EXISTING UNDERPASS LIGHTING SYSTEM ON BRIDGE #349. INSTALL NEW JUNCTION BOX AND SPLICE EXISTING CONDUCTORS TO NEW CONDUCTORS.
6. SEE STANDARD DRAWING 1412.01 FOR ADDITIONAL INSTALLATION DETAILS.



SECTION A-A 1

Rev.	Date	Description	Approved
2			
1			

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN — LIGHTING/ELECTRICAL SECTION

UNDERPASS LIGHTING

UPL-2 RENOVATION AT
BRIDGE #349

GUILFORD COUNTY

Drawn By: RGH	Approved By:	Dwg No.:

NORTH CAROLINA PROFESSIONAL SEAL 022582 ENGINEER PAUL KI-SUN CHAN
DocuSigned by: Paul Chan F83C4985EEEF4A2 10/17/2014

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