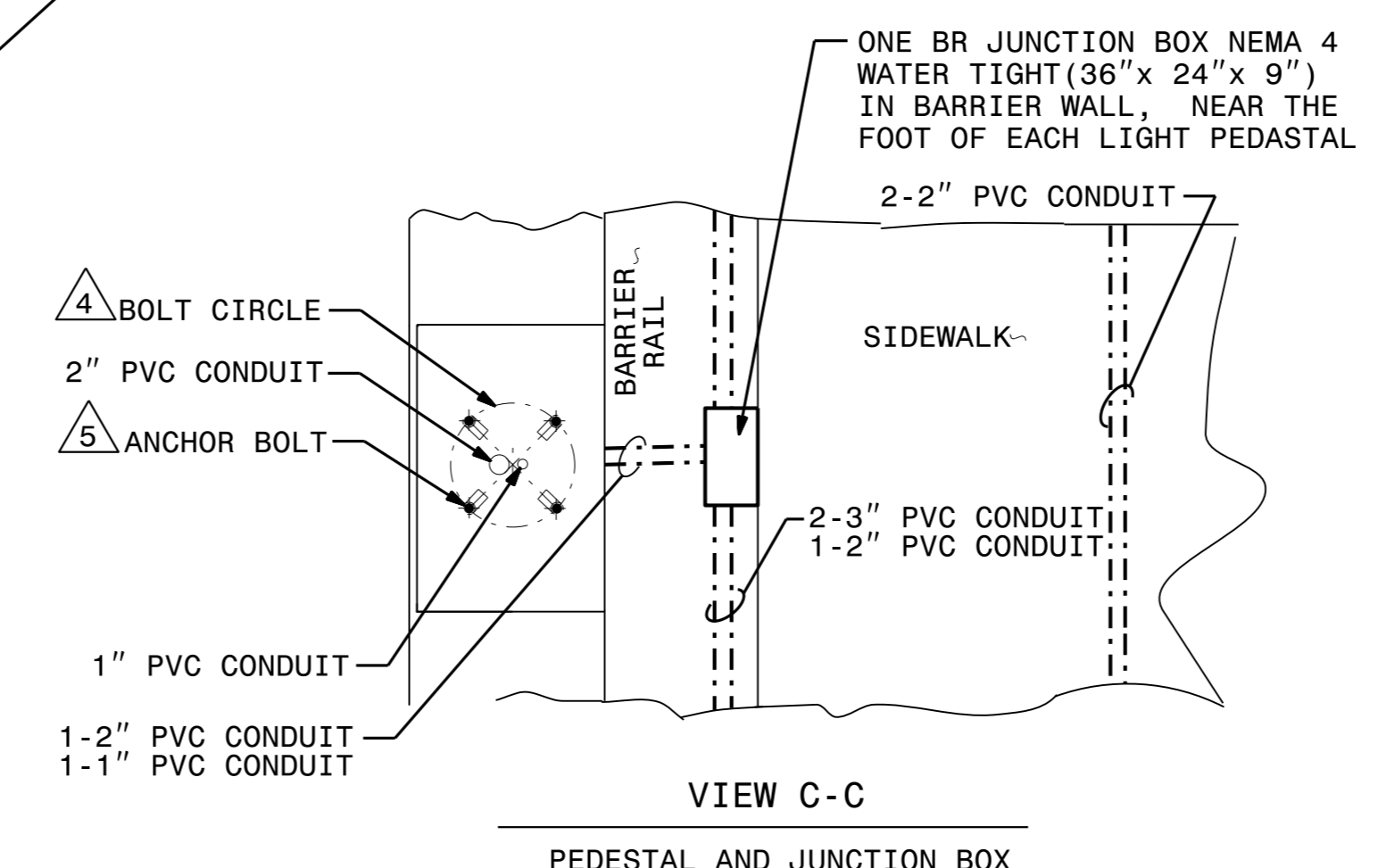
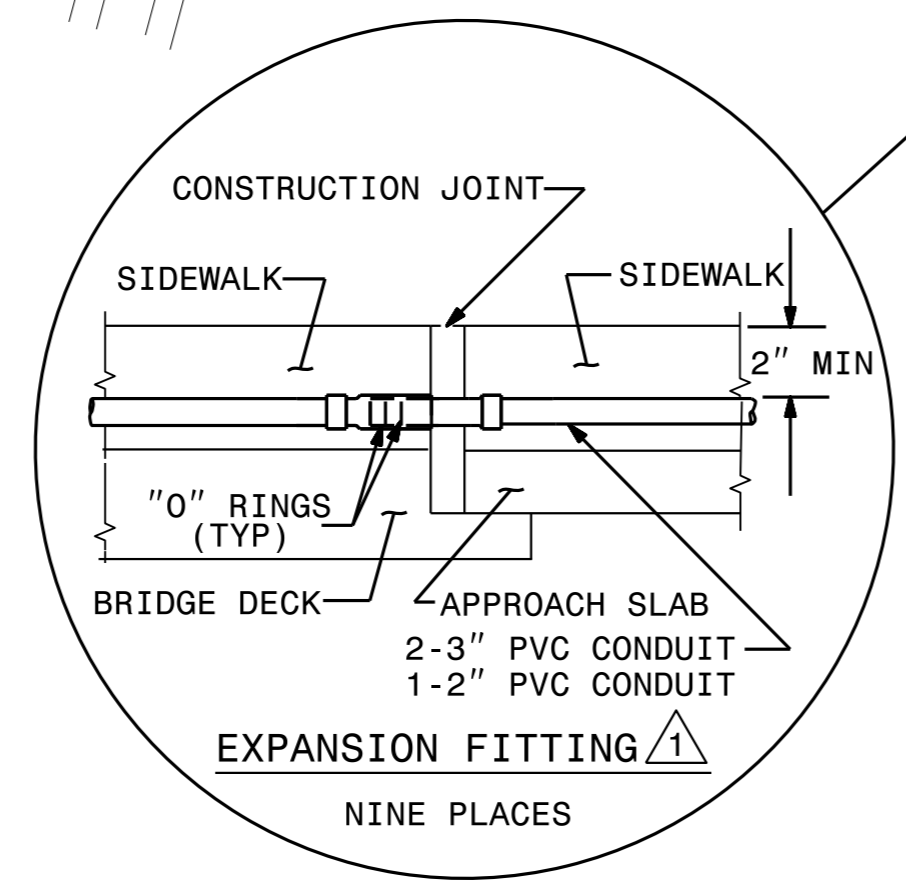
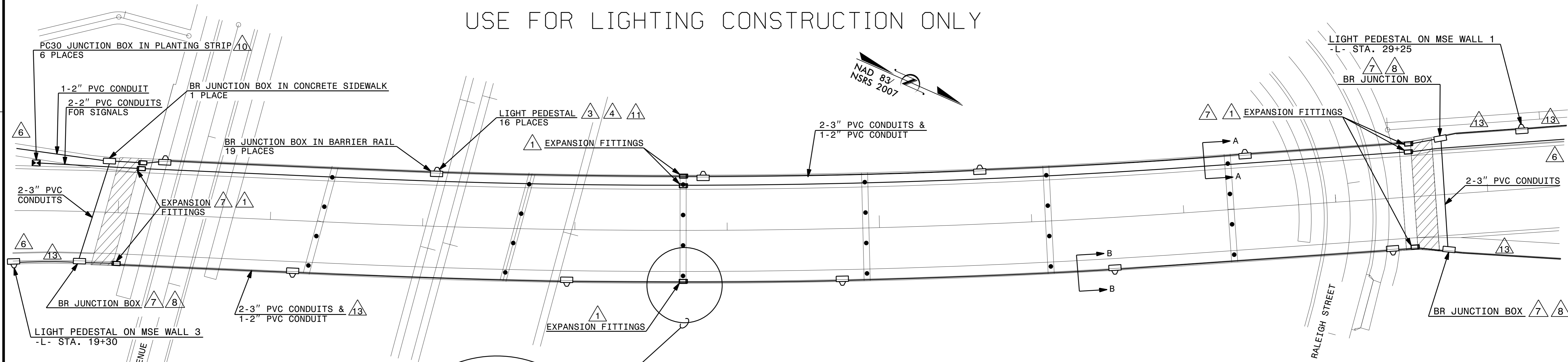
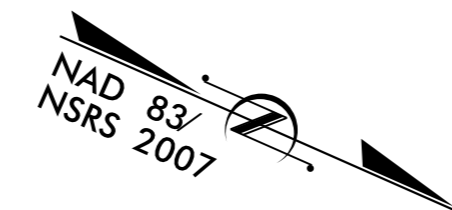
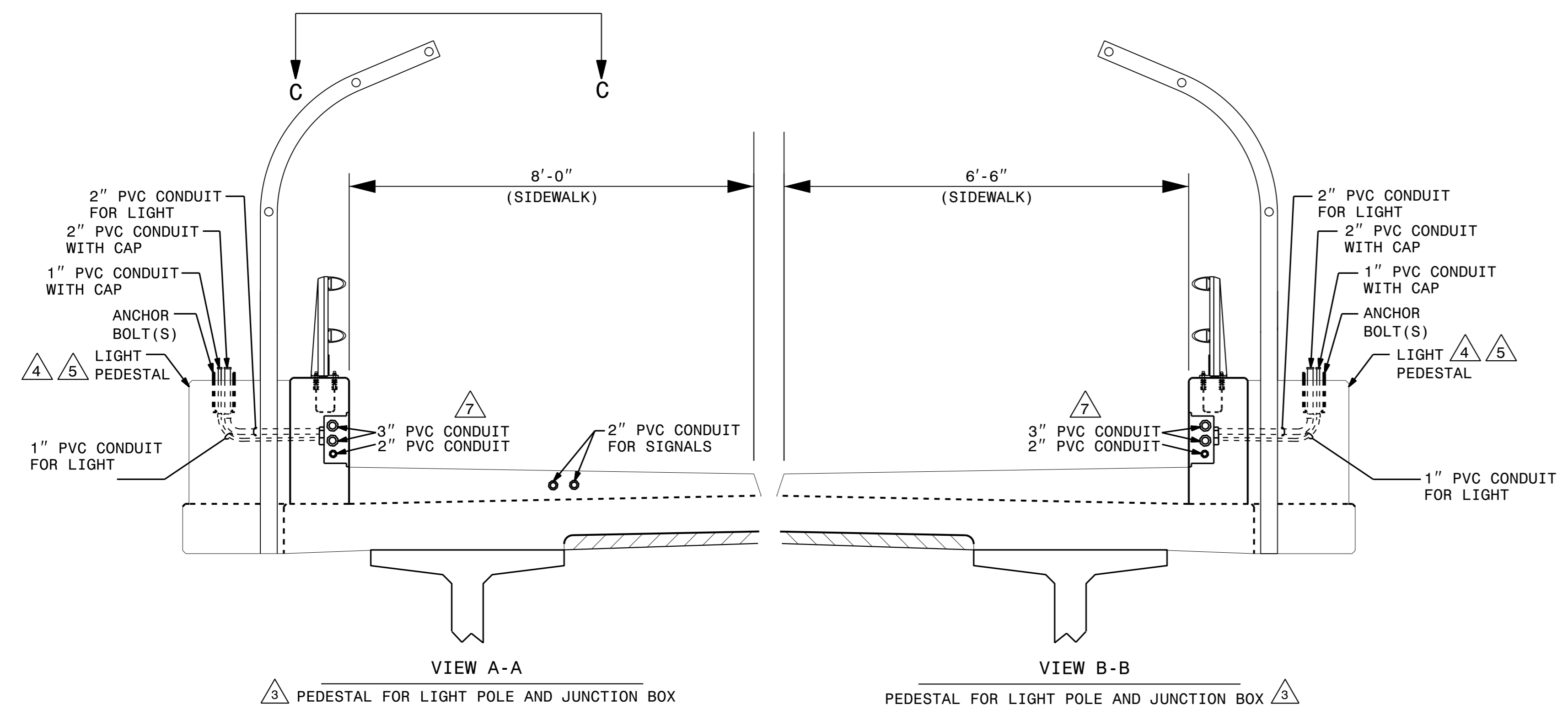


USE FOR LIGHTING CONSTRUCTION ONLY



- NOTES**
- 1 PROVIDE EXPANSION FITTING AT ALL EXPANSION JOINTS.
 - 2 COORDINATE ELECTRICAL CONNECTION WORK WITH DUKE ENERGY.
 - 3 SEE STRUCTURE PLANS FOR LOCATION OF LIGHT PEDESTALS. (16 PLACES)
 - 4 INSTALL ANCHOR BOLTS ACCORDING TO BOLT TEMPLATE AS PROVIDED BY DUKE ENERGY.
 - 5 ANCHOR BOLTS SHALL BE SUPPLIED BY DUKE ENERGY.
 - 6 SEE ADDITIONAL INSTALLATION DETAILS ON SHEET 2 OF 3.
 - 7 SEE STRUCTURE PLANS FOR CONDUIT TRANSITION FROM BARRIER RAIL TO SIDEWALK DETAILS.
 - 8 TYPE BR JUNCTION BOXES ARE NEMA 4, WATER TIGHT, SIZED 36"W X 24"H X 9"D.
 - 9 COORDINATE WITH DUKE ENERGY PROGRESS FOR JUNCTION BOX INSTALLATION SPECIFICATIONS.
 - 10 TYPE PC30 JUNCTION BOXES ARE POLYMER CONCRETE, SIZED 30"L X 17"W X 18"H. SEE ARTICLE 1411 OF THE STANDARD SPECIFICATIONS.
 - 11 LIGHT PEDESTAL IS REQUIRED TO BE BONDED TO THE FENCE. COORDINATE WITH DUKE ENERGY PROGRESS FOR BONDING DETAILS. SHOWN FOR INFORMATION ONLY. LIGHT POLE AND FOUNDATION TO BE INSTALLED BY DUKE ENERGY. NOT PART OF THIS CONTRACT.
 - 12
 - 13 UNLESS OTHERWISE NOTED, CONDUIT FOR LIGHTING CIRCUITRY INSTALLED IN THE BARRIER RAIL SHALL CONSIST OF 2-3" PVC CONDUITS AND 1-2" PVC CONDUIT.



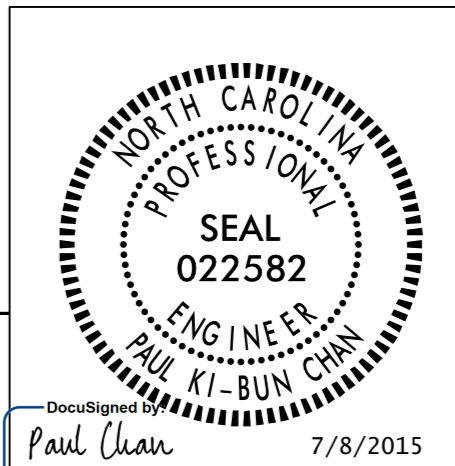
PROJECT NO. U-5008
 MECKLENBURG COUNTY
 STATION: 20+45.05 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

ELECTRICAL CONDUIT SYSTEM

BRIDGE ON SUGAR CREEK RD
 OVER BEARWOOD AVE., NCRR/NSRR
 AND RALEIGH ST.
 BTWN US74/NC27 & US29/NC49



SEE PROJECT SPECIAL PROVISIONS TITLED "ELECTRICAL CONDUIT SYSTEM" FOR MATERIALS CONSTRUCTION METHODS AND PAYMENT.

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. **S42A**
 SHEETS **78**

DCW 0400DEL_P30

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