

INSTALLATION INSTRUCTIONS TO SUPPLEMENT THE MANUFACTURER'S INSTRUCTIONS

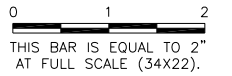
- CLEAN THE CABLE THOROUGHLY 9" MIN. FROM THE END.
- REMOVE INSULATION PER MANUFACTURER'S INSTRUCTIONS. DO NOT NICK THE CONDUCTOR. DO NOT PENCIL INSULATION ON L-824 TYPE C CABLE.
- INSTALL PIN AND/OR RECEPTICAL WITH CRIMPING TOOL WHICH MUST BE COMPLETELY CLOSED BEFORE THE TOOL MAY BE REMOVED.
- BE SURE CABLE AND CONDUCTOR FITTINGS ARE CLEAN. COAT THE CABLE INSULATION WITH INSULATION JELLY FROM THE CONNECTOR.
- CAREFULLY INSERT CABLE INTO CONNECTOR TO THE PROPER DEPTH.
- SLIP 14 INCH LENGTH OF HEAT SHRINK TUBING ON TRANSFORMER LEAD RAYCHEM TCS-13-14-U OR APPROVED EQUAL.
- COMPLETE CONNECTION BY MATING THE PLUG AND RECEPTICAL. **CAUTION** BE SURE THE CABLE DOES NOT SLIP WHEN THE CONNECTION IS MADE.
- APPLY RUBBER TAPE AND PLASTIC TAPE, ONE HALF LAPPED 1-1/2" ON EACH SIDE OF JOINT.
- ANY CONNECTOR WHICH IS CONTAMINATED BY DIRT OR OTHER DELETERIOUS MATERIAL SHALL BE REMOVED NOT REINSTALLED.
- CLEAN CONNECTOR AND CABLE INSULATION WITH WAX OR GREASE SOLVENT TO REMOVE SURFACE SILICONE JELLY.
- WRAP SEALANT SECURELY AROUND THE CABLE. INSULATION TO EXTEND 1-1/2" BEYOND BOTH ENDS OF CONNECTORS. SEALANT SHALL BE RAYCHEM S-1052 (STRIPS) OR APPROVED EQUAL.
- CENTER HEAT SHRINK OVER THE CONNECTOR. APPLY HEAT EVENLY BEGINNING AT THE CENTER AND WORKING AROUND CABLE TO ENDS. THERMOCHROMIC PAINT SHALL SHOW PROPER HEAT HAS BEEN USED. *** DO NOT OVER HEAT ***.
- THE HEAT SOURCE SHALL BE AN ELECTRIC HEAT GUN OR A PROPANE WITH FLAME SPREADER.

- NOTES:**
- MATCH THE OUTSIDE DIAMETER OF CABLE INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY
 - WRAP WITH AT LEAST ONE LAYER OF RUBBER OR TAPE, ONE-HALF LAPPED, EXTENDING AT LEAST 1-1/2 INCHES ON EACH SIDE OF JOINT.

CABLE CONNECTOR DETAILS
 N.T.S.

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UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
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BASE BID - REALIGN AND WIDEN TAXIWAY C
 ELECTRICAL DETAILS 3

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| DRAWN BY: | ADD |
| CHECKED BY: | CET |
| APPROVED BY: | CET |
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