

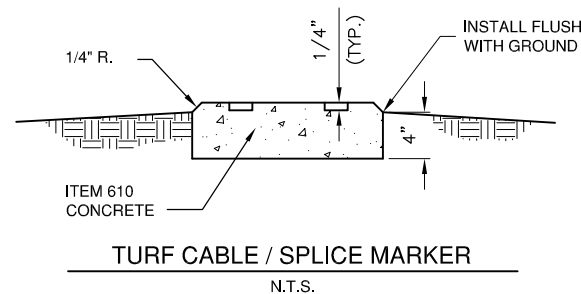
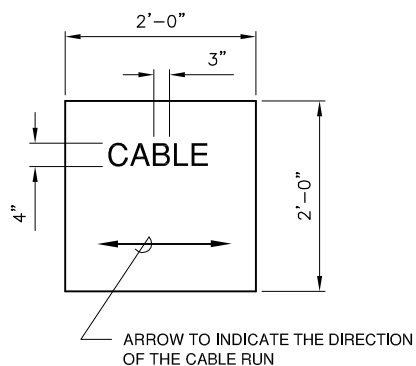
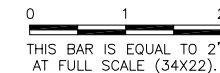
**NOTES**

- TRENCHES WITH MORE THAN 2 CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE. IF SPECIFIED ON PLANS, TWO PARALLEL TRENCHES MAY BE CONSTRUCTED.
- DEPTH OF TRENCHES SHALL BE AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- SAND BACKFILL SHALL BE USED IF THE EXISTING SOIL DOES NOT MEET THE BACKFILL REQUIREMENTS.
- ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST IS INCIDENTAL TO ITEM 108.
- MULTIPLE CONDUITS MAY BE PLACED IN THE SAME TRENCH.
- COUNTERPOISE SHALL BE INSTALLED PER SECTION 108-3.6 OF THE SPECIAL PROVISIONS. COSTS FOR THE INSTALLATION OF THE COUNTERPOISE SHALL BE INCIDENTAL TO THE DUCT PAY ITEM.

**UN051**

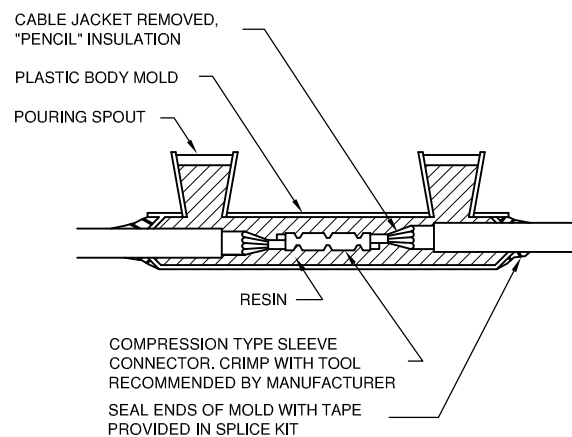
**REVISIONS**

NUMBER	BY	DATE



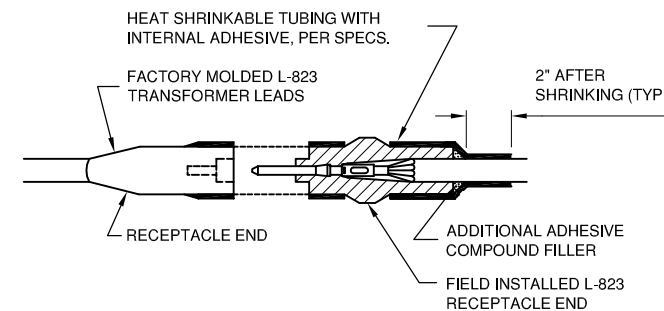
**NOTES**

- CABLE MARKERS SHALL BE INSTALLED AT ALL BENDS AND EVERY 200' ALONG THE HOMERUN.
- ITEM 610 CONCRETE SHALL BE USED.
- ALL EXPOSED EDGES SHALL BE EDGED WITH A 1/4" RADIUS TOOL.
- THE COST OF FURNISHING AND INSTALLING NEW MARKERS SHALL BE INCIDENTAL TO THE ASSOCIATED ITEMS.
- 0.049 CU. YD. CONCRETE PER MARKER.
- A MARKER CONFORMING TO THIS DETAIL MARKED "SPLICE" SHALL BE INSTALLED AT ALL SPLICE LOCATIONS NOT IN LIGHT CANS OR MANHOLES.



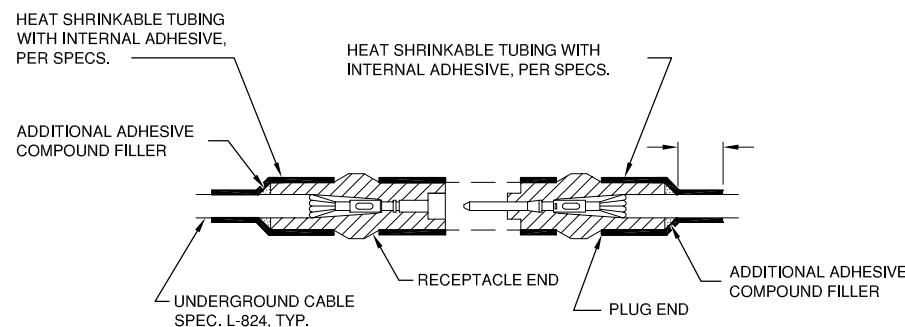
FOR IN-LINE CONNECTIONS OF EXISTING CABLES CUT DURING CONSTRUCTIONS.

**TYPE A**



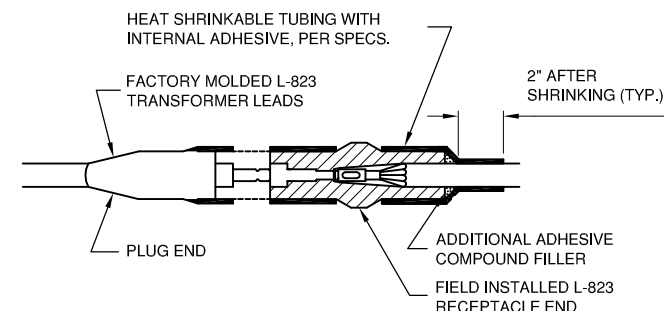
FOR SPLICES AT TAXIWAY LIGHTS AND SIGNS.

**TYPE C**



NOT TO BE USED IN THIS PROJECT UNLESS OTHERWISE DIRECTED BY ENGINEER

**TYPE B**



FOR SPLICES AT TAXIWAY LIGHTS AND SIGNS.

**TYPE D**

**CABLE SPLICES**

N.T.S.

**NOTES**

- INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE.
- THE COST OF FURNISHING AND INSTALLING ALL SPLICE MATERIALS SHALL BE INCIDENTAL TO THE ASSOCIATED CABLE ITEMS.
- THE CONTRACTOR SHALL HAVE A MINIMUM OF TWO (2) TYPE A SPLICE KITS ON THE JOB SITE AT ALL TIMES FOR EMERGENCY REPAIRS.

**WILLARD AIRPORT**  
**UNIVERSITY OF ILLINOIS**  
**NEW AIRFIELD LIGHTING VAULT**  
**ELECTRICAL DETAILS 2**

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DESIGN BY:	CBG/WDP
DRAWN BY:	CMT
CHECKED BY:	CET
APPROVED BY:	CET
DATE:	APRIL 20, 2012
JOB No:	11059-03
IL PROJ. NO.	CMI-4100
AIP PROJ. NO.	3-17-0016-XX
SHEET	24 OF 60 SHEETS