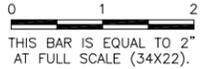


**VE048**

REVISIONS		
NUMBER	BY	DATE

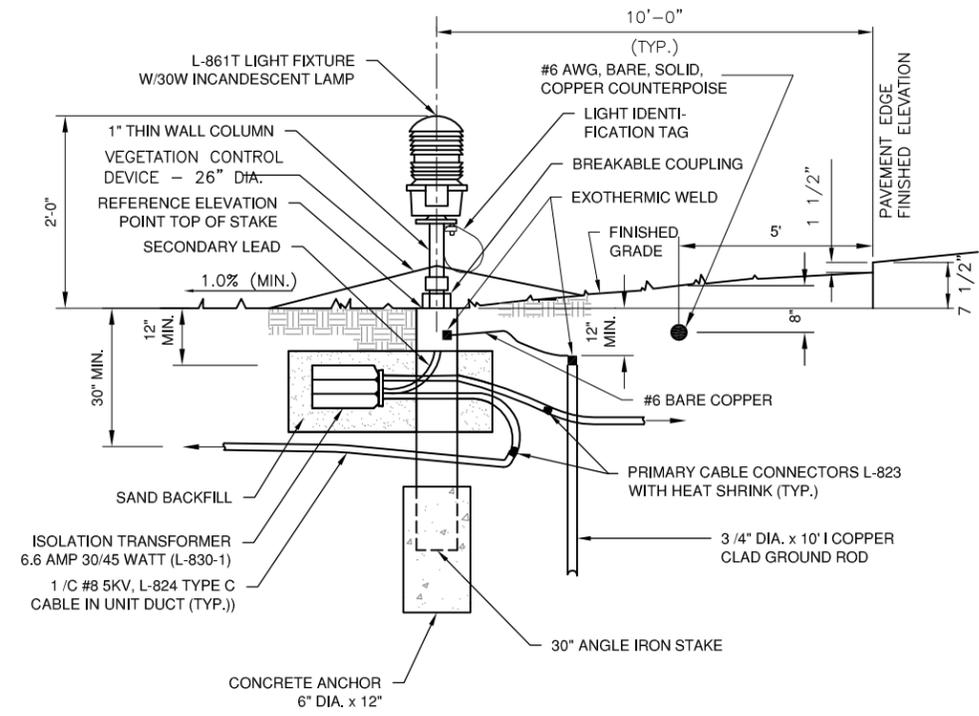


VERMILION REGIONAL AIRPORT  
 VERMILION REGIONAL AIRPORT AUTHORITY  
 DANVILLE, ILLINOIS

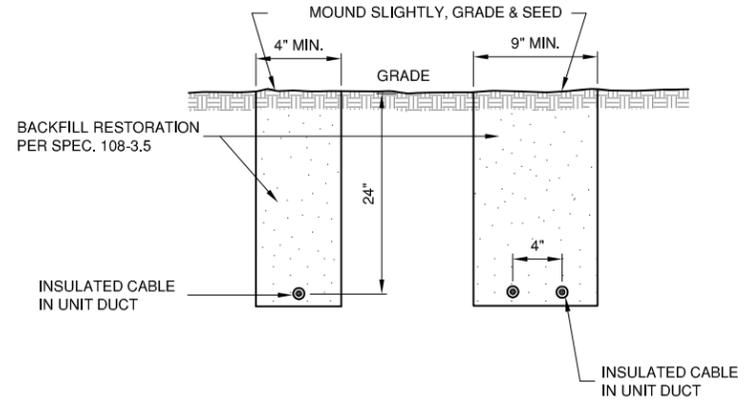
RELOCATE TAXIWAY C AND WIDEN FILLETS  
 ELECTRICAL DETAILS 1

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DESIGN BY:	AJB
DRAWN BY:	CMT
CHECKED BY:	CET
APPROVED BY:	CET
DATE:	MARCH 1, 2013
JOB No:	120420100
IL PROJ. NO.	DNV-4229
SBG PROJ. NO.	3-17-0032-B14
SHEET	20 OF 27 SHEETS

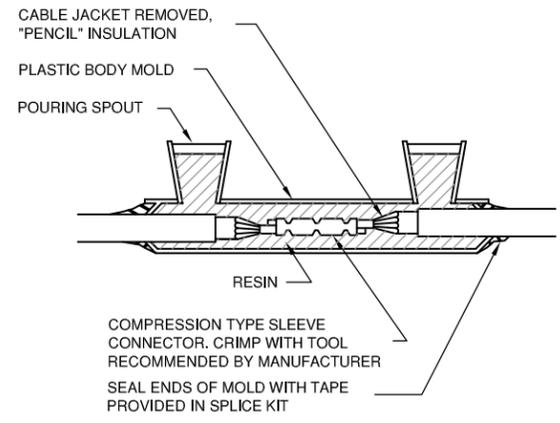


**STAKE MOUNTED MEDIUM INTENSITY LIGHTS**  
 N.T.S.



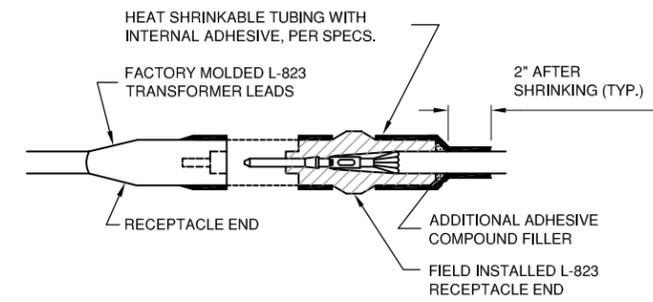
**TRENCH DETAIL**  
 N.T.S.

- TRENCH 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.



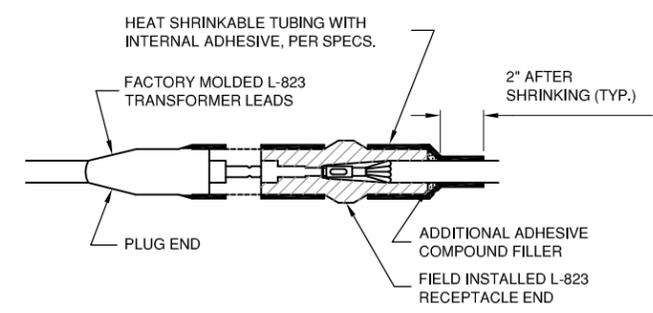
FOR IN-LINE CONNECTIONS OF EXISTING CABLES CUT DURING CONSTRUCTION.

**TYPE A**



FOR SPLICES AT TAXIWAY LIGHTS AND SIGNS.

**TYPE C**

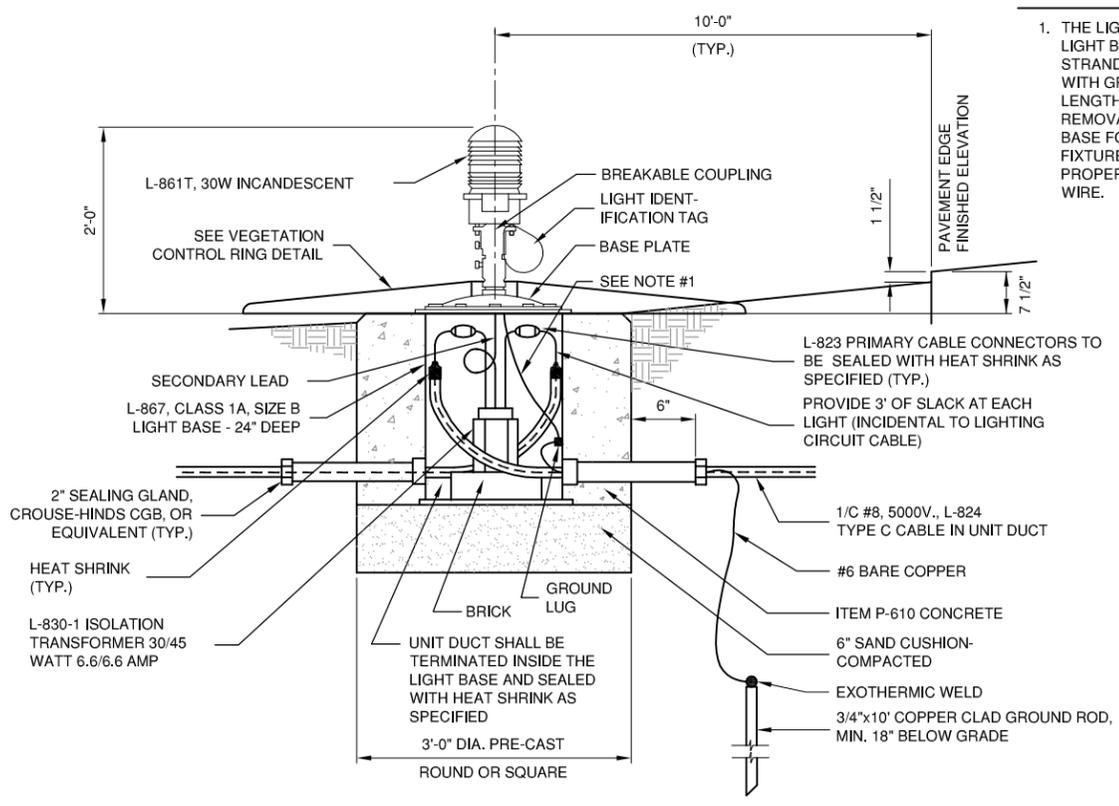


FOR SPLICES AT TAXIWAY LIGHTS AND SIGNS.

**TYPE D**

**CABLE SPLICES**  
 N.T.S.

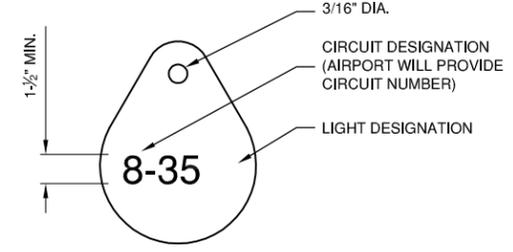
- CABLE SPLICE NOTES**
- INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE.
  - THE COST OF FURNISHING AND INSTALLING ALL SPLICE MATERIALS SHALL BE INCIDENTAL TO THE ASSOCIATED CABLE ITEMS.
  - THE CONTRACTOR SHALL HAVE A MINIMUM OF TWO (2) TYPE A SPLICE KITS ON THE JOB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



**BASE MOUNTED EDGE LIGHTS - IN TURF**  
 N.T.S.

**EDGE LIGHT NOTES**

- THE LIGHT FIXTURE SHALL BE BONDED TO THE LIGHT BASE INTERNAL GROUND LUG VIA A #6 AWG STRANDED COPPER WIRE RATED FOR 600 VOLTS WITH GREEN XHHW INSULATION. THE GROUND WIRE LENGTH SHALL BE SUFFICIENT TO ALLOW THE REMOVAL OF THE LIGHT FIXTURE FROM THE LIGHT BASE FOR ROUTINE MAINTENANCE. SEE THE LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS FOR PROPER METHODS OF ATTACHING THIS BONDING WIRE.



**LIGHT IDENTIFICATION DETAIL**  
 N.T.S.

**LIGHT IDENTIFICATION NOTES**

- INSTALL A NONCORROSIVE DISC OF 2" MINIMUM DIAMETER WITH THE NUMBER PERMANENTLY STAMPED, CUT OUT, OR ENGRAVED UNDER THE HEAD OF THE BASE PLATE BOLT OR ATTACHED TO LIGHT FLANGE WITH SET SCREW.
- LEGENDS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR TO COORDINATE LEGEND WITH AIRPORT.
- THE CONTRACTOR SHALL NUMBER THE EXISTING/ PROPOSED LIGHTS AND SIGNS IN EACH CIRCUIT STARTING AT THE HOMERUN CONTINUING AROUND THE ENTIRE CIRCUIT BACK TO THE HOMERUN.
- AIRFIELD SIGNS SHALL BE TAGGED & NUMBERED.

K:\Dm\12042010\Draw Sheets