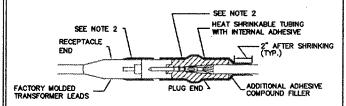
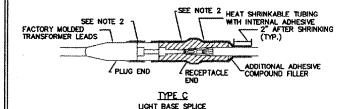


HEAT SHRINKABLE TUBING WITH INTERNAL ADHESIVE ADDITIONAL ADHESIVE COMPOUND FILLER HEAT SHRINKABLE TUBING WITH INTERNAL ADHESIVE SEE NOTE 2 -2" AFTER UNDERGROUND CABLE RECEPTACLE END ADDITIONAL ADHESIVE COMPOUND FILLER

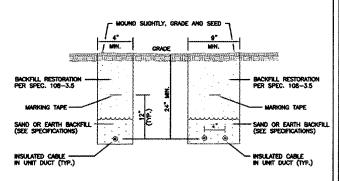
TYPE B ELEC. CABINET AND ELEC. MANHOLE SPLICE





### CABLE SPLICES

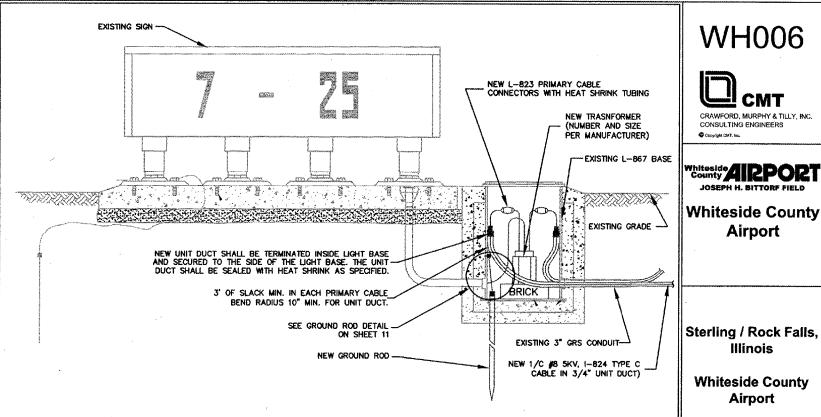
- 1. INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE OF THE CABLE.
- 2. WRAP WITH AT LEAST ONE LAYER OF RUBBER OR SYNTHETIC RUBBER TAPE AND ONE LAYER OF PLASTIC TAPE, ONE-HALF LAPPED, EXTENDING AT LEAST 1-1/2 INCHES ON EACH SIDE
- 3. TO FURTHER REDUCE THE POSSIBILITY OF WATER/MOISTURE ENTRANCE INTO THE CONNECTOR BETWEEN THE CABLE AND THE FIELD ATTACHED CONNECTOR, IT IS REQUIRED THAT A HEAT SHRINK TUBING WITH INTERNAL ADHESIVE BE APPLIED
- 4. SPLICE CAN SHALL BE REQUIRED FOR ALL TYPE A SPLICE LOCATIONS. THE COST SHALL BE INCIDENTAL TO THE CABLE



### TRENCH DETAIL FOR CABLE IN UNIT DUCT

### NOTES

- 1. 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.
- 2. DEPTH OF TRENCHES FOR AIRFIELD LIGHTING SHALL BE AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED ON THE PLANS. DEPTH OF FAA CABLES SHALL BE 36" UNLESS OTHERWISE SHOWN.
- 3. SAND BACKFILL SHALL BE USED IF THE EXISTING SOIL DOES NOT MEET THE BACKFILL REQUIREMENTS.
- 4. ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST IS INCIDENTAL TO TRENCH RETURFING
- 5. THE CONTRACTOR SHALL HAVE THE OPTION TO TRENCH OR PLOW UNIT DUCT. NO ADDITIONAL PAYMENT SHALL BE MADE FOR TRENCHING.



### AR800813 REFURB. AND GROUND GUIDANCE SIGN

NOT TO SCALE

### FINAL SUBMITTAL CIRCUIT DESIGNATION LIGHT DESIGNATION Revisions Date

LIGHT IDENTIFICATION DETAIL

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

2. NUMERALS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY. ALL

3. COST OF TAGGING LIGHTS SHALL NOT BE PAID FOR SEPARATELY

BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

OR RELOCATED LIGHTS) SHALL BE RETAGGED.

EXISTING AND PROPOSED TAXIWAY AND RUNWAY LIGHTS SHALL BE

TAGGED AS DIRECTED BY THE RESIDENT ENGINEER. ALL LIGHTS ON EXISTING CIRCUITS THAT HAVE LIGHTING IMPROVEMENTS (PROPOSED

> **ELECTRICAL DETAILS 1** TAXIWAYS C, D AND F

# Description

**WH006** 

CRAWFORD, MURPHY & TILLY, INC.

JOSEPH H. BITTORF FIELD

Airport

Illinois

**Whiteside County** 

Airport

AIP: 3-17-0098-XX

SQI-3694

Recable Airfield

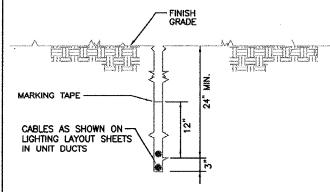
CONSULTING ENGINEERS

### THIS BAR IS EQUAL TO 1"

	DESIGN BY:	CMT-RFD
	DRAWN BY:	CMT-RFD
	CHECKED BY:	CMT-RFD
	APPROVED BY:	JGP
-	DATE:	4.20.2007
1	JOB No:	06292-03-00

**ELECTRICAL DETAILS 1** TXYS C, D AND F (EDT1)

SHEET 10 OF 25 SHEETS



### PLOWED CABLE IN UNIT DUCT

### **NOTES**

- 1. ONLY CABLES OF THE SAME CIRCUIT WILL BE ALLOWED TO BE
- 2. THE CONTRACTOR SHALL HAVE THE OPTION TO TRENCH OR PLOW UNIT DUCT. NO ADDITIONAL PAYMENT SHALL BE MADE FOR

## NUMBER OF DUCTS AND DUCT SIZE PRE-STAMPED OR CHISELED ON THE KOB 3/16" R. 3/4" NON CORRO .2" .15\* DUCT MARKERS SHALL BE DRILLED AND GROUTED FLUSH WITH THE SURFACE OF THE **ELECTRICAL** NEW DUCT MARKER SHALL BE INSTALLED AT ALL DUCTS LOCATIONS PROPOSED CABLING AND DUCT PLAN.

**DUCT MARKER DETAIL**