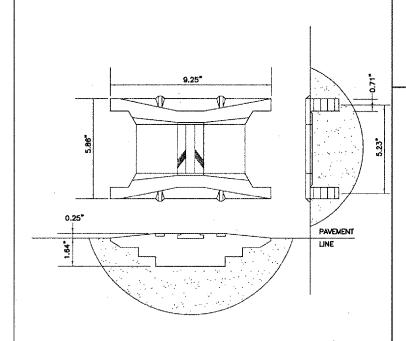
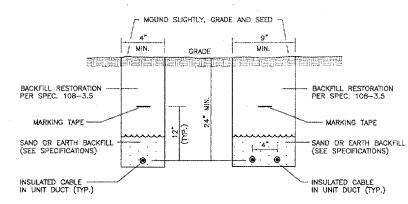


DUCT MARKER DETAIL



SEMIFLUSH RETROREFLECTIVE MARKER NOT TO SCALE

MARKER SHALL BE STIMSONITE MODEL 96LP
 TWO-WAY GREEN OR APPROVED EQUAL.



- 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 LICHTING SHALL BE AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED ON THE PLANS. DEPTH OF FAA CABLES SHALL BE 36" UNLESS OTHERWISE SHOWN.

GENERAL NOTES:

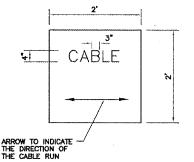
NOTE: AT CONTRACTOR'S OPTION, CABLE PLOWING MAY BE USED IN LIEU OF TRENCHING.

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 MATERIALS.

TRENCH DETAIL FOR CABLE IN UNIT DUCT

- INSTALL FLUSH 1/4 TP. CONCRETE-



- 1.) CABLE MARKERS SHALL BE INSTALLED AT ALL BENDS AND EVERY 200' ALONG THE CABLE RUN.
- 2.) ITEM 610 CONCRETE SHALL BE USED.
- ALL EXPOSED EDGES SHALL BE EDGED WITH A 1/4" RADIUS TOOL.
- 4.) THE COST OF FURNISHING AND INSTALLING NEW MARKERS SHALL BE INCIDENTAL TO THE ASSOCIATED CABLE ITEMS.
- 5.) 0.049 CU. YD. CONCRETE PER MARKER.

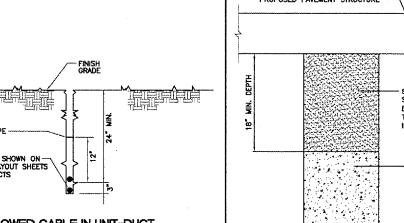
TURF CABLE MARKER DETAIL NOT TO SCALE

Q

CIRCUIT DESIGNATION LIGHT DESIGNATION

- 1. INSTALL A NONCORROSME 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 A SET SCREW.
- 2. NUMERALS SHOWN ARE FOR ELLUSTRATIVE PURPOSES ONLY, ALL EXISTING AND PROPOSED TAXIWAY AND RUNNWY LIGHTS SHALL BE TAGGED AS DIRECTED BY THE RESIDENT ENGINEER. ALL LIGHTS ON EXISTING CIRCUITS THAT HAVE LIGHTING INCOMPRESSION OF DESCRIPTION OF THE PROPERTY OF THE PROPERT IMPROVEMENTS (PROPOSED OR RELOCATED LIGHTS) SHALL BE RETAGGED.
- COST OF TAGGING LIGHTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

LIGHT IDENTIFICATION DETAIL



CONCRETE ENCASED DUCT BACKFILL NOT TO SCALE

PROPOSED PAVEMENT STRUCTURE 1/C, #8 L-824, TYPE C, 5KV AIRFIELD LIGHTING CABLE IN UNIT DUCT OR PVC CONDUIT (TYP.) FROM LAST SUBGRADE SUITABLE BACKFILL PER PAVEMENT SECTION (CRUSHED AGGREGATE LIGHT CAN CONNECT PROPOSED CABLE TO EXISTING CABLE AT L-E PRIMARY CABLE CONNECTO IF BASE MOUNTED BASE MATERIAL (209) COMPACTED TO 95% MODIFIED PROCTOR (COST INCIDENTAL) WITH TAPING AND HEAT SI - CABLE TO NEXT RUNWAY/ TAXIWAY LIGHT LEAD TO LIGHT PROPOSED CONCRETE ENCASED DUCT BANK ISOLATION TRANSFORMER RUNWAY/TAXIWAY LIGHTING CIRCUIT CONNECTION DET NOT TO SCALE

DETAILS - 2

RO013





Rockford, Illinois

Greater Rockford Airport Authority

AIP: 3-17-0088-XX RFD-3617

> Rehab. Txy B (Phase 2)

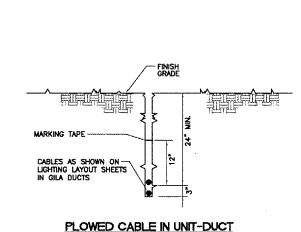
> > Revisions

No. Date Description

		0.	1
	THIS BAR IS EQUAL TO 1" AT FULL SCALE (17 X 11).		
.E -823	DE	SIGN BY:	CMT- ARR
OR HRINK	DRAWN BY;		CMT- ARR
	CHECKED BY:		: CMT-ARR
	APPROVED BY:		Y: JGP
	DA'	TE:	6.9.2006
	JOB No:		05258-08-00
ΓAIL			
	DETAILS - 2		

(DTL2)

18 SHEET 18 OF 19 SHEETS



NOT TO SCALE

TRANSFORMER HOLDER SHALL BE ANY COMMERCIALLY AVAILABLE BRICK.

ISOLATION TRANSFORMERS COME WITH A FACTORY INSTALLED PLUG (TYPE 1. CLASS A, STYLE 2) AND RECEPTACLE (TYPE 1, CLASS A, STYLE 9). A TYPE 1, CLASS B, STYLE 3 PLUG AND TYPE 1, CLASS B, STYLE 10 RECEPTACLE SHALL BE INSTALLED ON THE 1/C, No. 8, 5000 V., L-824 TYPE C CABLES FOR CONNECTION TO EACH TRANSFORMER.

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 SHRINKABLE TUBING WITH INTERNAL ADHESIVE BE APPLIED OVER THE ENTIRE CABLE CONNECTOR.

4. DUCT MARKERS SHALL BE INSTALLED AT EVERY NEW DUCT AND AT EVERY EXISTING DUCT USED FOR THIS PROJECT. CONTRACTOR SHALL HAVE THE OPTION TO TRENCH OR PLOW UNIT DUCT, NO ADDITIONAL PAYMENT SHALL BE MADE FOR TRENCHING.