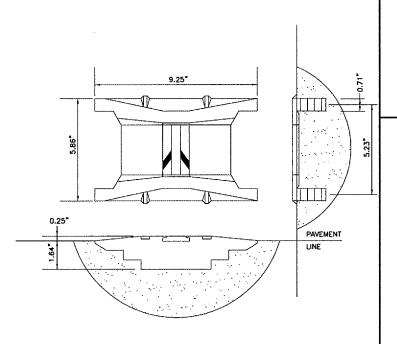


DUCT MARKER DETAIL

PAVEMENT

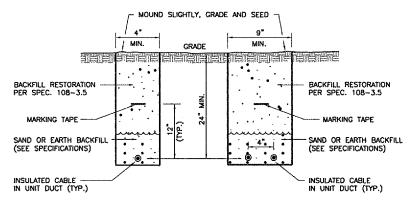
TURF



SEMIFLUSH RETROREFLECTIVE MARKER

NOTES:

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

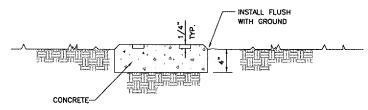


NOTES:

- 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.
- 2. DEPTH OF TRENCHES FOR AIRFIELD LIGHTING SHALL BE AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED ON THE PLANS. DEPTH OF FAA CABLES SHALL BE
- 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.

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

TRENCH DETAIL FOR CABLE IN UNIT DUCT



ARROW TO INDICATE THE DIRECTION OF THE CABLE RUN

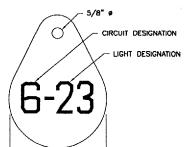
NOTES:

- 1.) CABLE MARKERS SHALL BE INSTALLED AT ALL BENDS AND EVERY 200' ALONG THE CABLE RUN.
- 2.) ITEM 610 CONCRETE SHALL BE USED.
- 3.) 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

GENERAL NOTES:

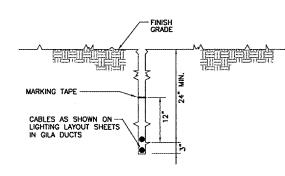
- TRANSFORMER HOLDER SHALL BE ANY COMMERCIALLY AVAILABLE BRICK.
- ISOLATION TRANSFORMERS COME WITH A FACTORY INSTALLED PLUG (TYPE 1, CLASS A, STYLE 2) AND RECEPTACLE (TYPE 1, CLASS A, STYLE 9).
 A TYPE 1, CLASS B, STYLE 3 PLUG AND TYPE 1, CLASS B, STYLE 10
 RECEPTACLE SHALL BE INSTALLED ON THE 1/C, No. 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.



2" DIA.

- 1. 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 A SET SCREW.
- 2. NUMERALS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY, ALL EXISTING AND PROPOSED TAXIWAY AND RUNWAY LIGHTS SHALL BE TAGGED AS DIRECTED BY THE RESIDENT ENGINEER. ALL LIGHTS ON EXISTING CIRCUITS THAT HAVE LIGHTING PROVEMENTS (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.

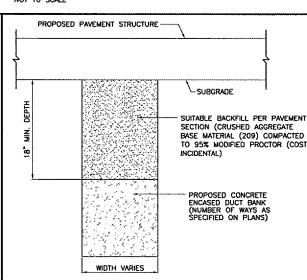
LIGHT IDENTIFICATION DETAIL



PLOWED CABLE IN UNIT-DUCT NOT TO SCALE

I/C, #8 L-824, TYPE C,
5KV AIRFIELD LIGHTING CABLE IN UNIT DUCT OR PVC CONDUIT (TYP.) FROM LAST NEW RUNWAY/ TAXIWAY LIGHT CONNECT PROPOSED CABLE
TO EXISTING CABLE AT L-823
PRIMARY CABLE CONNECTOR IF BASE MOUNTED ----WITH TAPING AND HEAT SHRINK TUBING (TYPICAL) CABLE TO NEXT SECONDARY RUNWAY/ TAXIWAY LIGHT LEAD TO LIGHT ISOLATION TRANSFORMER

RUNWAY/TAXIWAY LIGHTING CIRCUIT CONNECTION DETAIL



CONCRETE ENCASED DUCT BACKFILL

NOT TO SCALE

RO012



CONSULTING ENGINEERS



Northwest Chicagoland International

Rockford, Illinois

Greater Rockford Airport Authority

AIP: 3-17-0088-43 RFD-3487

Rehab. Txy B; Rwy 1/19 RSA Impr., Falcon Rd. Reloc. S. RIAT Rd. Constr. E. RIAT Rd. Reloc.

Revisions

	No.	Date	Description
1	0 1 THIS BAR IS EQUAL TO 1" AT FULL SCALE (17 X 11).		

DESIGN BY: CMT- ARR DRAWN BY: CMT~ ARR CHECKED BY: CMT- ARR APPROVED BY JGP DATE: 7,29,2005

JOB No: 05258-04-00 **ELECTRICAL DETAILS - 2**

(EDT2)

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SHEET 51 OF 52 SHEETS