

**PAVEMENT MARKING NOTES:**

1. FIELD LOCATION OF GROUND RODS AND PAVEMENT MARKING LEAD-IN LINES SHALL BE COORDINATED WITH THE DEPUTY DIRECTOR OF OPERATIONS PRIOR TO ORDERING MATERIALS AND INSTALLING.

**APRON LIGHTING NOTES:**

1. ALL SPLICES SHALL BE MADE INSIDE THE POLE BASE OR HANDHOLES. ALL SPLICES SHALL BE WATERPROOF.
2. PROVIDE MINIMUM 5'-0" SLACK FOR ALL CABLES INSTALLED IN HANDHOLES.
3. THE ROUTING OF THE PROPOSED DUCTS AND CONDUITS ARE SHOWN FOR INFORMATION ONLY. THE EXACT ROUTING SHALL BE COORDINATED WITH THE ENGINEER.
4. IT IS CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF EXISTING UTILITIES. DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED IMMEDIATELY AT CONTRACTOR'S EXPENSE.
5. CONTRACTOR SHALL PLACE PROPOSED DUCT BANK/CONDUIT SO THAT IT DOES NOT INTERFERE WITH ALL OTHER PROPOSED / EXISTING UTILITIES.

**NOMENCLATURE**

- ① NEW 1-3" GRS CONDUIT WITH:  
6 #6 XLP-USE, 2 #10 GND. (CKT. 1 & NL-1)  
AND 2 #10 XLP-USE, 1 #10 GND. (CKT. OR-1).
- ② NEW 4-4" PVC CONCRETE ENCASED DUCT WITH:  
6 #6 XLP-USE, 2 #10 GND. (CKT. 1 & NL-1)  
AND 2 #10 XLP-USE, 1 #10 GND. (CKT. OR-1)  
3-4" PVC CONDUIT W/ PULL STRINGS FOR FUTURE USE.
- ③ NEW 4-4" PVC CONCRETE ENCASED DUCT W/ PULL STRINGS AND CAPPED FOR FUTURE USE.
- ④ NEW 3 #3/0 XHHW, 1 #3/0 NEUTRAL AND 1 #2 GND. IN 3" GRS CONDUIT TO UTILITY TRANSFORMER.
- ⑤ NEW 1/C #8, 5KV, L-824 TYPE C CABLE IN 3/4" UNIT DUCT.
- ⑥ NEW 2-1/C #8, 5KV, L-824 TYPE C CABLE IN 1-3" GRS CONDUIT.
- ⑦ NEW 1/C #8, 5KV, L-824 TYPE C CABLE IN EXISTING CONDUIT AND CONNECT TO EXISTING LIGHT.
- ⑧ NEW 1/C #8, 5KV, L-824 TYPE C CABLE IN 3/4" UNIT DUCT INSTALLED IN 4" CONDUIT (DUCT BANK).
- ⑨ NEW 1-1/C #8, 5KV, L-824 TYPE C CABLE IN 1-3" GRS CONDUIT.

**LEGEND**

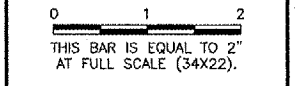
- F — NEW TAXIWAY FOXTROT CIRCUIT (SEE NOMENCLATURE)
- NEW APRON LIGHT POLE (SEE LIGHT POLE SCHEDULE)
- NEW ELECTRIC HANDHOLE
- NEW RETROREFLECTIVE MARKER
- NEW TRANSCLOSURE
- NEW PAVEMENT MARKING
- EXISTING PAVEMENT MARKING
- NEW MEDIUM INTENSITY TAXIWAY LIGHT, BASE MOUNTED
- NEW TAXI GUIDANCE SIGN (SEE SIGN SCHEDULE)
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- NEW DUCT/CONDUIT
- EXISTING CONDUIT/DUCT
- EXISTING AIRFIELD CIRCUIT
- G — NEW GAS MAIN (BY OTHERS)
- W — NEW WATERMAIN (BY OTHERS)
- U — NEW UTILITIES (BY OTHERS)
- SS — NEW STORM SEWER (BY OTHERS)
- COMED — NEW COMED ELECTRIC LINE (BY OTHERS)
- COMED — FUTURE COMED ELECTRIC LINE
- NEW P.C.C. APRON
- NEW BITUMINOUS APRON

**GENERAL ELECTRICAL NOTES:**

1. ALL EXISTING TAXIWAY AND RUNWAY AIRFIELD LIGHTING CIRCUITS, FAA CABLES AND OTHER AIRPORT ELECTRICAL CABLES SHALL REMAIN IN SERVICE UNTIL REPLACED AS DIRECTED BY THE ENGINEER. ALL TEMPORARY CABLING AND SPLICING SHALL BE CONSIDERED INCIDENTAL TO CONTRACT.
2. AT ANY LOCATION WHERE THE PROPOSED DUCT OR CABLE ROUTE CROSSES AN EXISTING UTILITY, THE CONTRACTOR SHALL HAND DIG AND LOCATE THE EXISTING UTILITY PRIOR TO TRENCHING. COST OF LOCATING ALL EXISTING UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT.
3. THE LOCATION OF EXISTING UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL OPEN THE ENTIRE TRENCH BETWEEN MANHOLES BEFORE ANY CONDUIT IS LAID TO ASCERTAIN THE EXISTENCE AND POSITION OF ANY OBSTRUCTIONS.
4. CONTRACTOR SHALL COORDINATE THE LOCATION OF THE EXISTING AND PROPOSED UTILITIES PRIOR TO INSTALLATION OF THE PROPOSED UNIT DUCTS, CONDUITS AND DUCT BANKS. ANY DAMAGES TO EXISTING UTILITIES SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
5. CONTRACTOR SHALL CONNECT EXISTING CABLE TO PROPOSED CABLE IN SIGN/LIGHT/MANHOLE/HANDHOLE. COST OF CONNECTION INCIDENTAL TO CABLE.
6. ALL NEW CABLE UNDER EXISTING PAVEMENT TO REMAIN SHALL BE INSTALLED WITHIN EXISTING CONDUITS. EXISTING CABLES SHALL BE REMOVED. COST OF REMOVAL SHALL BE INCIDENTAL TO NEW CABLE.

**REVISIONS**

NUMBER	BY	DATE



**CHICAGO ROCKFORD INTERNATIONAL AIRPORT  
 ROCKFORD, ILLINOIS**  
**LIGHTING/PAVEMENT MARKING PLAN**

© Copyright, CMT, Inc.

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 184-000613

**Chicago Rockford International Airport**

DESIGN BY:	ARM/DKP
DRAWN BY:	JRO
CHECKED BY:	AB
APPROVED BY:	
DATE:	02/29/08
JOB No:	07258-06
ILLINOIS PROJECT:	RFD-3787
A.I.P. PROJECT:	3-17-0088-XX
<b>FINAL SUBMITTAL</b>	
SHEET 44 OF 83 SHEETS	