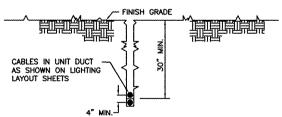


NOTE: COST OF CONNECTION SHALL BE CONSIDERED INCIDENTAL TO PROPOSED DUCT.



CABLE IN UNIT DUCT - PLOWED



RO016

Chicago Rockford International Airport



Rockford, Illinois

Greater Rockford Airport Authority

AIP: 3-17-0088-XX RFD-3862

Rehab. Txy B South (Phase 1)

Revisions		
	Date	Description
01		
THIS BAR IS EQUAL TO 1" AT FULL SCALE (17 X 11).		
DESIGN BY:		CMT- RFD
DRAWN BY:		CMT- RFD
CHECKED BY:		': CMT- RFD

ELECTRICAL DETAILS - 2 (ELD2)

JGP

1-23-2009

06258-04-00

APPROVED BY

DATE:

JOB No:

SHEET 29 OF 52 SHEETS

MOUND SLIGHTLY, GRADE AND SEED

MIN.

MIN. GRADE MIN.

LAYOUT SHEETS IN UNIT DUCT OR

GRS CONDUIT (TYP.)

TRENCH DETAIL

NOT TO SCALE

1. TRENCHES WITH MORE THAN 2 CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE. IF SPECIFIED ON PLANS, TWO PARALLEL TRENCHES

2. DEPTH OF TRENCHES SHALL BE AS SHOWN UNLESS OTHERWISE SPECIFIED ON THE PLANS.

4. ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST IS INCIDENTAL.

SAND BACKFILL SHALL BE USED IF THE EXISTING SOIL DOES NOT MEET THE BACKFILL REQUIREMENTS.

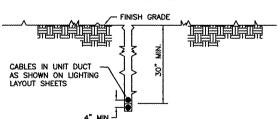
NOTE: AT CONTRACTOR'S OPTION, CABLE PLOWING MAY BE USED IN LIEU OF TRENCHING.

BACKFILL RESTORATION -PER SPEC. 108-3.5 (TYP.)

SAND OR EARTH BACKFILL (TYP.)

NOTES

(SEE SPECIFICATIONS)



NOT TO SCALE

CONTRACTOR SHALL HAVE THE OPTION TO TRENCH OR PLOW UNIT DUCT. NO ADDITIONAL PAYMENT SHALL BE MADE FOR TRENCHING.

RETROFIT EXISTING MEDIUM INTENSITY TAXIWAY LIGHT W/ LED

NOT TO SCALE

INSTALL 1/C #6 AWG BARE COPPER GROUND JUMPER CONNECTED TO GROUND LUG INSIDE BASE CAN AND EXOTHERMICALLY WELD TO TO GROUND ROD. INSTALL GROUND LUG INSIDE EXISTING CAN.

2. NEW/RETROFIT TAXIWAY EDGE LIGHT SHALL BE FAA APPROVED L-861 T LED, MODEL ETES WITH ARCTIC KIT (HEATER) AS MANUFACTURED BY SIEMENS OR APPROVED EQUAL. LED LIGHT FIXTURES SHALL BE

WITH HEAT SHRINK AS SPECIFIED

~ 6" SAND CUSHION-COMPACTED

3. CONTRACTOR SHALL REMOVE EXISTING LIGHT FIXTURE AND ISOLATION TRANSFORMER, AND DELIVER TO A LOCATION DESIGNATED BY THE AIRPORT.

CONCRETE ENCASED DUCT BACKFILL NOT TO SCALE

0.0

0.0

18"

NEW SUBGRADE -

NEW CA-6 CRUSHED AGGREGATE

TO PROPOSED DUCT BANK)

- NEW CONCRETE ENCASED DUCT (NUMBER OF WAYS NOTED ON PLAN SHEETS)

(209) COMPACTED TO 95% DENSITY
STANDARD PROCTOR (COST INCIDENTAL