

10' (TYPICAL) LIGHT FIXTURE -30-45 WATT 1" THIN WALL COLUMN LIGHT IDENTIFICATION REFERENCE ELEVATION POINT TOP OF STAKE SECONDARY LEADER 1-1/2" SAND OR COMPACTED-EARTH BACKFILL -1/C #8, 5KV., L-824 TYPE C CABLE IN 3/4" UNIT DUCT (TYP.) ISOLATION TRANSFORMER -/ 6.6 AMP 30-45 WATT (L-830-1) HEAT SHRINK (TYP.) 3/4" DIA. X 10' LONG COPPER CLAD GROUND ROD. (SEE ELECTRICAL GENERAL NOTE 10) 30" ANGLE IRON STAKE CONCRETE ANCHOR (COST INCIDENTAL)

PROPOSED STAKE MOUNTED MEDIUM INTENSITY LIGHT

SAWCUT PRIOR TO PAVEMENT REMOVAL
TACK VERTICAL FACE PRIOR TO
REPLACEMENT (TYPICAL)

5' (MAX)

PROPOSED BITUMINOUS
PAVEMENT REMOVAL AND
REPLACEMENT. COST
INCIDENTAL TO PROPOSED
DUCT BANK

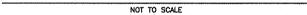
PROPOSED CA-6 CRUSHED AGGREGATE
(208) COMPACTED TO 95% DENSITY
MODIFIED PROCTOR (COST INCIDENTAL
TO PROPOSED DUCT BANK)

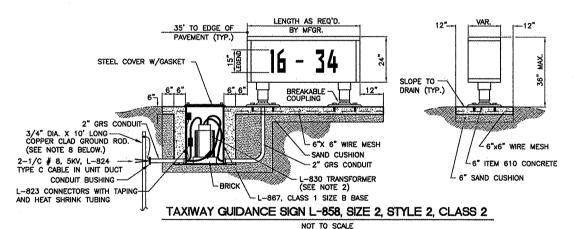
O O PROPOSED DUCT BANK

17' NOTED ON PLAN SHEETS)

PAVEMENT REMOVAL AND REPLACEMENT FOR CONCRETE ENCASED DUCT

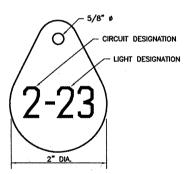
NOT TO SCALE





SIGNAGE NOTES

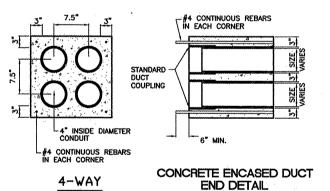
- 1. ALL SIGNS ARE LUMACURVE 2-SIDED SIGNS BY STANDARD SIGNS OR APPROVED EQUAL.
- 2. TRANSFORMER WATTAGE AS RECOMMENDED BY MANUFACTURER.
- 3. LIGHTED SIGNS SHALL BE BASE MOUNTED ONLY.
- 4. UNIT DUCT SHALL BE TERMINATED IN THE CAN AND SEALED TO THE CABLE WITH HEAT SHRINK AS SPECIFIED.
- 5. THE NUMBER OF MODULES PER SIGN SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
- 6. CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWING INCLUDING SIGN, COLOR, SIZE AND PROPOSED LEGEND, IN ENOUGH DETAIL AND DETERMINE PROPOSED SPACING AND OTHER INFORMATION REQUIRED BY SPECIAL PROVISIONS. CONTRACTOR TO VERIFY PROPOSED SIGN LOCATIONS AND ORIENTATIONS WITH RESIDENT ENGINEER PRIOR TO INSTALLATION.
- INSTALL 1/C #6 AWG BARE COPPER GROUND JUMPER CONNECTED TO GROUND LUG INSIDE BASE CAN AND EXOTHERMICALLY WELDED TO GROUND ROD. INSTALL GROUND LUG FOR EXISTING CANS, IF REQUIRED.
- CONTRACTOR SHALL RESTORE TURF AROUND NEW SIGN FOUNDATIONS, INCLUDING TOPSOILING, GRADING (5% MAXIMUM SLOPE), SEEDING AND MULCHING, COST INCIDENTAL TO SIGN.



LIGHT IDENTIFICATION DETAIL NOT TO SCALE

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 LIGHT FLANGE WITH A SET SCREW.
- 2. NUMERALS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY. ALL EXISTING AND PROPOSED TAXIWAY AND RUNWAY LIGHTS SHALL BE TAGEOD AS DIRECTED BY THE RESIDENT ENGINEER. ALL LIGHTS ON EXISTING CIRCUITS THAT HAVE LIGHTING IMPROVEMENTS (PROPOSED OR RELOCATED LIGHTS) SHALL BE RETAGED.
- COST OF TAGGING LIGHTS SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.



CONCRETE ENCASED DUCT BANKS
NOT TO SCALE

NO SCALE

NOTES:

- 1. DIMENSIONS ARE MINIMUM.
- 2. CONCRETE SHALL CONFORM TO ITEM 610.
- 3. ALL CONDUIT SHALL BE SCHEDULE 40 PVC.
- 4. TOP OF CONCRETE ENCASEMENT IN TURF AREAS SHALL NOT BE LESS THAN 24" BELOW FINISHED GRADE.
- 5. PROVIDE PULL STRING AND CAPS FOR UNUSED DUCTS.

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NUMBER	BY		DATE
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THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).			
GREATER KANKAKEE AIRPORT KANKAKEE, ILLINOIS REHABILITATE AIRFIELD LIGHTING SYSTEM -	4/22 PARALLEL AND CONNECTING		ELECTRICAL DETAILS - SHEET 2
CMT CAMPOR A TLY NO	CONSULTING ENGWERS License No. 184-000613		
DESIGN BY:		MND	
DRAWN BY:		JRO	
CHECKED BY: MND			
APPROVED BY: 01/16/09			
JOB No:		0807	
IL. PROJECT: IKK-3863			
A.I.P. PROJECT: 3-17-0057-B15 FINAL SUBMITTAL SHEET 20 OF 20 SHEETS			
LOUISING TO SHEETS			

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K\KankokeeAp\0807506 Lighting Ph.2\Draw\Sheet
FILE: Elecdtl-2.dwg
LAYOUT: Layout1
UPDATE BY: Jim Ohse
SURVEY BOOK #