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JOLIET REGIONAL PORT DISTRICT

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EXTEND RUNWAY 2-20; CONSTRUCT TAXIWAY TURNAROUND

AIP PROJECT NO. 3-17-0140-B42
IDA PROJECT NO. LOT-3792

No.	Drawing Issue Description	Date	By

Date
APRIL 18, 2008
Sheet Title

**LIGHTING PLAN
RUNWAY 2-20
STA. 144+00 THRU
STA. 155+00**

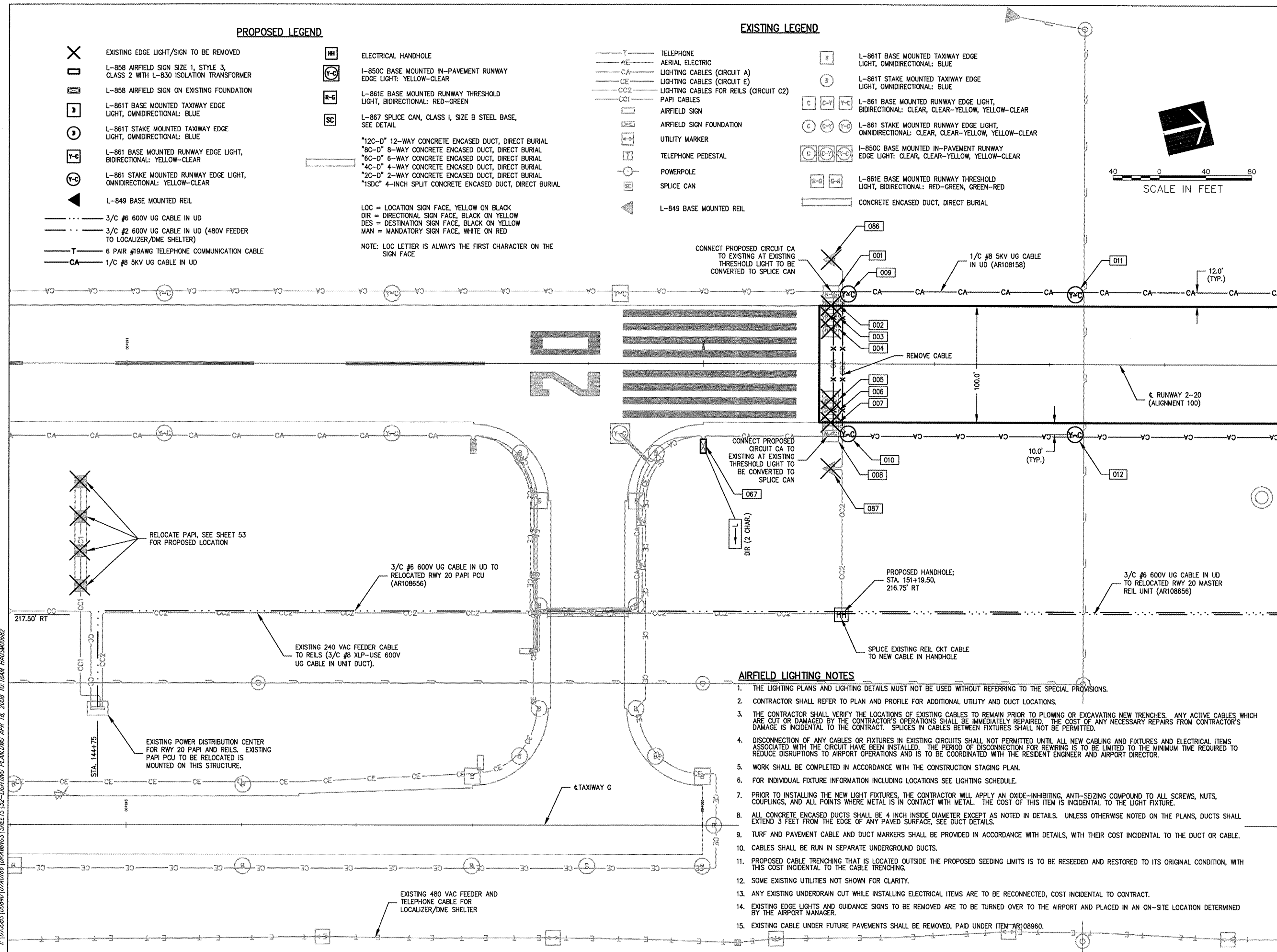
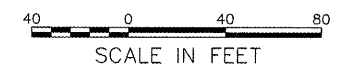
07A0166
Project Number
LDH 2/22/08
Layout By Date
LDH 2/22/08
Designed By Date
RMH 03/20/08
Reviewed By Date
LDH
Drawn By

PROPOSED LEGEND

- X EXISTING EDGE LIGHT/SIGN TO BE REMOVED
- L-858 AIRFIELD SIGN SIZE 1, STYLE 3, CLASS 2 WITH L-830 ISOLATION TRANSFORMER
- L-858 AIRFIELD SIGN ON EXISTING FOUNDATION
- L-861T BASE MOUNTED TAXIWAY EDGE LIGHT, OMNIDIRECTIONAL: BLUE
- L-861T STAKE MOUNTED TAXIWAY EDGE LIGHT, OMNIDIRECTIONAL: BLUE
- L-861 BASE MOUNTED RUNWAY EDGE LIGHT, BIDIRECTIONAL: YELLOW-CLEAR
- L-861 STAKE MOUNTED RUNWAY EDGE LIGHT, OMNIDIRECTIONAL: YELLOW-CLEAR
- L-849 BASE MOUNTED REIL
- 3/C #6 600V UG CABLE IN UD
- 3/C #2 600V UG CABLE IN UD (480V FEEDER TO LOCALIZER/DME SHELTER)
- 6 PAIR #19AWG TELEPHONE COMMUNICATION CABLE
- 1/C #8 5KV UG CABLE IN UD
- ELECTRICAL HANDHOLE
- I-850C BASE MOUNTED IN-PAVEMENT RUNWAY EDGE LIGHT: YELLOW-CLEAR
- L-861E BASE MOUNTED RUNWAY THRESHOLD LIGHT, BIDIRECTIONAL: RED-GREEN
- L-867 SPLICE CAN, CLASS 1, SIZE B STEEL BASE, SEE DETAIL
- *12C-D* 12-WAY CONCRETE ENCASED DUCT, DIRECT BURIAL
- *8C-D* 8-WAY CONCRETE ENCASED DUCT, DIRECT BURIAL
- *6C-D* 6-WAY CONCRETE ENCASED DUCT, DIRECT BURIAL
- *4C-D* 4-WAY CONCRETE ENCASED DUCT, DIRECT BURIAL
- *2C-D* 2-WAY CONCRETE ENCASED DUCT, DIRECT BURIAL
- *1SDC* 4-INCH SPLIT CONCRETE ENCASED DUCT, DIRECT BURIAL
- LOC = LOCATION SIGN FACE, YELLOW ON BLACK
- DIR = DIRECTIONAL SIGN FACE, BLACK ON YELLOW
- DES = DESTINATION SIGN FACE, BLACK ON YELLOW
- MAN = MANDATORY SIGN FACE, WHITE ON RED
- NOTE: LOC LETTER IS ALWAYS THE FIRST CHARACTER ON THE SIGN FACE

EXISTING LEGEND

- T TELEPHONE
- AE AERIAL ELECTRIC
- CA LIGHTING CABLES (CIRCUIT A)
- CE LIGHTING CABLES (CIRCUIT E)
- CC2 LIGHTING CABLES FOR REILS (CIRCUIT C2)
- CC1 PAPI CABLES
- AIRFIELD SIGN
- AIRFIELD SIGN FOUNDATION
- UTILITY MARKER
- TELEPHONE PEDESTAL
- POWERPOLE
- SPLICE CAN
- L-849 BASE MOUNTED REIL
- L-861T BASE MOUNTED TAXIWAY EDGE LIGHT, OMNIDIRECTIONAL: BLUE
- L-861T STAKE MOUNTED TAXIWAY EDGE LIGHT, OMNIDIRECTIONAL: BLUE
- L-861 BASE MOUNTED RUNWAY EDGE LIGHT, BIDIRECTIONAL: CLEAR, CLEAR-YELLOW, YELLOW-CLEAR
- L-861 STAKE MOUNTED RUNWAY EDGE LIGHT, OMNIDIRECTIONAL: CLEAR, CLEAR-YELLOW, YELLOW-CLEAR
- I-850C BASE MOUNTED IN-PAVEMENT RUNWAY EDGE LIGHT: CLEAR, CLEAR-YELLOW, YELLOW-CLEAR
- L-861E BASE MOUNTED RUNWAY THRESHOLD LIGHT, BIDIRECTIONAL: RED-GREEN, GREEN-RED
- CONCRETE ENCASED DUCT, DIRECT BURIAL



AIRFIELD LIGHTING NOTES

1. THE LIGHTING PLANS AND LIGHTING DETAILS MUST NOT BE USED WITHOUT REFERRING TO THE SPECIAL PROVISIONS.
2. CONTRACTOR SHALL REFER TO PLAN AND PROFILE FOR ADDITIONAL UTILITY AND DUCT LOCATIONS.
3. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF EXISTING CABLES TO REMAIN PRIOR TO PLOWING OR EXCAVATING NEW TRENCHES. ANY ACTIVE CABLES WHICH ARE CUT OR DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE IMMEDIATELY REPAIRED. THE COST OF ANY NECESSARY REPAIRS FROM CONTRACTOR'S DAMAGE IS INCIDENTAL TO THE CONTRACT. SPLICES IN CABLES BETWEEN FIXTURES SHALL NOT BE PERMITTED.
4. DISCONNECTION OF ANY CABLES OR FIXTURES IN EXISTING CIRCUITS SHALL NOT BE PERMITTED UNTIL ALL NEW CABLING AND FIXTURES AND ELECTRICAL ITEMS ASSOCIATED WITH THE CIRCUIT HAVE BEEN INSTALLED. THE PERIOD OF DISCONNECTION FOR REWIRING IS TO BE LIMITED TO THE MINIMUM TIME REQUIRED TO REDUCE DISRUPTIONS TO AIRPORT OPERATIONS AND IS TO BE COORDINATED WITH THE RESIDENT ENGINEER AND AIRPORT DIRECTOR.
5. WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CONSTRUCTION STAGING PLAN.
6. FOR INDIVIDUAL FIXTURE INFORMATION INCLUDING LOCATIONS SEE LIGHTING SCHEDULE.
7. PRIOR TO INSTALLING THE NEW LIGHT FIXTURES, THE CONTRACTOR WILL APPLY AN OXIDE-INHIBITING, ANTI-SEIZING COMPOUND TO ALL SCREWS, NUTS, COUPLINGS, AND ALL POINTS WHERE METAL IS IN CONTACT WITH METAL. THE COST OF THIS ITEM IS INCIDENTAL TO THE LIGHT FIXTURE.
8. ALL CONCRETE ENCASED DUCTS SHALL BE 4 INCH INSIDE DIAMETER EXCEPT AS NOTED IN DETAILS. UNLESS OTHERWISE NOTED ON THE PLANS, DUCTS SHALL EXTEND 3 FEET FROM THE EDGE OF ANY PAVED SURFACE, SEE DUCT DETAILS.
9. TURF AND PAVEMENT CABLE AND DUCT MARKERS SHALL BE PROVIDED IN ACCORDANCE WITH DETAILS, WITH THEIR COST INCIDENTAL TO THE DUCT OR CABLE.
10. CABLES SHALL BE RUN IN SEPARATE UNDERGROUND DUCTS.
11. PROPOSED CABLE TRENCHING THAT IS LOCATED OUTSIDE THE PROPOSED SEEDING LIMITS IS TO BE RESEEDDED AND RESTORED TO ITS ORIGINAL CONDITION, WITH THIS COST INCIDENTAL TO THE CABLE TRENCHING.
12. SOME EXISTING UTILITIES NOT SHOWN FOR CLARITY.
13. ANY EXISTING UNDERDRAIN CUT WHILE INSTALLING ELECTRICAL ITEMS ARE TO BE RECONNECTED, COST INCIDENTAL TO CONTRACT.
14. EXISTING EDGE LIGHTS AND GUIDANCE SIGNS TO BE REMOVED ARE TO BE TURNED OVER TO THE AIRPORT AND PLACED IN AN ON-SITE LOCATION DETERMINED BY THE AIRPORT MANAGER.
15. EXISTING CABLE UNDER FUTURE PAVEMENTS SHALL BE REMOVED. PAID UNDER ITEM AR108960.

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MATCHLINE RUNWAY 2-20 STA. 155+00