



- KEYED NOTES**
- 1 EXISTING 6 SETS OF 12/C #12 AWG CONTROL CABLES BETWEEN EXISTING L-821 PANEL AT CONTROL TOWER AND THE EXISTING TRANSFER RELAY PANEL AT THE BAGGAGE RM. IN THE TERMINAL BLDG SHALL BE DISCONNECTED & REMOVED. 2 SETS OF SPARE 37/C #12 AWG CONTROL CABLES WERE INSTALLED FROM THE CONTROL TOWER TO THE BAGGAGE RM ON A PREVIOUS PROJECT IN 2005. THESE CABLES ARE TERMINATED IN A TERMINAL CABINET ON THE 5TH FLOOR OF THE CONTROL TOWER & A TERMINAL CABINET IN THE BAGGAGE ROOM. EXTEND & CONNECT THE SPARE 37/C #12 AWG CONTROL CABLES TO THE NEW L-821 CONTROL PANEL AT THE CONTROL TOWER AND THE NEW TRANSFER RELAY PANEL AT THE BAGGAGE ROOM.
  - 2 IDENTIFY EXISTING CONDUCTORS BETWEEN THE EXISTING L-821 PANEL AT THE AIRPORT DIRECTOR'S OFFICE & THE EXISTING TRANSFER RELAY PANEL. DISCONNECT EXISTING CONTROL WIRES FROM EXISTING TRANSFER RELAY PANEL & RECONNECT TO NEW TRANSFER RELAY PANEL.
  - 3 EXISTING 50 PAIR #19 AWG CONTROL CABLE BETWEEN THE EXISTING RELAY TRANSFER PANEL & THE VAULT SHALL BE DISCONNECTED & REMOVED. A SPARE 50 PAIR #19 AWG CONTROL CABLE WAS INSTALLED FROM THE BAGGAGE RM IN THE TERMINAL BUILDING TO THE VAULT ON A PREVIOUS PROJECT IN 2005. THIS CABLE IS TERMINATED IN A TERMINAL CABINET IN THE BAGGAGE ROOM & A TERMINAL CABINET IN THE VAULT. EXTEND & CONNECT THE SPARE 50 PAIR #19 AWG CONTROL CABLES TO THE NEW TRANSFER RELAY PANEL AT THE BAGGAGE ROOM & THE RESPECTIVE L-841 AUX. PILOT RELAY PANELS IN THE VAULT.
  - 4 EXISTING CONTROL WIRING.

- NOTES**
1. CONTROL BLOCK DIAGRAM FOR EXISTING AIRFIELD LIGHTING SYSTEM IS BASED ON FIELD SURVEY DATA, AS-BUILT DATA & INFORMATION PROVIDED BY OTHERS AND IS FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY EXISTING WIRING & CONDITIONS BEFORE COMMENCING WORK.
  2. ALL WORK SHALL BE COORDINATED WITH THE AIRPORT DIRECTOR, AIRPORT MAINTENANCE STAFF, THE CONTROL TOWER PERSONNEL, & THE RESIDENT ENGINEER.
  3. NEW L-821 PANEL & NEW TRANSFER RELAY PANEL SHALL BE PAID FOR UNDER ITEM AR109600 L-821 CONTROL PANEL PER EACH. CONTROL WIRING MODIFICATIONS SHALL BE PAID FOR UNDER ITEM AR109430 POWER AND CONTROL WIRING PER LUMP SUM.

ITEM AR109430 POWER AND CONTROL WIRING SHALL INCLUDE FURNISHING UPDATED WIRING SCHEMATIC DRAWINGS FOR EACH AIRFIELD LIGHTING CONTROL PANEL ASSOCIATED WITH THE RUNWAY AND TAXIWAY LIGHTING (NEW AND EXISTING) THAT ACCURATELY REPRESENTS THE EXISTING CIRCUITRY WITH THE RESPECTIVE MODIFICATIONS AND UPDATES. THE PANEL MANUFACTURER OF THE EXISTING AIRFIELD LIGHTING CONTROL PANELS IS UNIVERSE INC., 1833 WEST HOVEY AVENUE, NORMAL, ILLINOIS 61761, ATTN. MR. JOHN HOUSOUR, PHONE: 309-454-5665, FAX: 309-452-2521. CONTRACTOR IS RESPONSIBLE TO PROVIDE UPDATED DRAWINGS FOR THE AIRFIELD LIGHTING CONTROL SYSTEM AND INCLUDE THIS WORK WITH HIS BID. DRAWINGS SHALL BE IN AUTOCAD OR COMPATIBLE COMPUTER AIDED DESIGN SYSTEM FORMAT. HAND SKETCHES WILL NOT MEET THIS REQUIREMENT.

DATE	REVISION	BY

**DECATUR, ILLINOIS**

A.I.P. PROJ.: 3-17-00

HEL Project No. 802-067XYD 0800	Element E-154.DWG	Scale NONE	Date 03/31/06
LAYOUT	KNL	03/28/06	03/28/06
DRAWN	MV	03/28/06	03/28/06
REVIEWED	LDP	03/30/06	03/30/06

**HANSON**

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**TAXIWAY "C" RECONSTRUCTION**

**CONTROL BLOCK DIAGRAM FOR RWY & TYX LIGHTING**

APR 26, 2006 11:33 AM DWG  
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