



**LIGHTING NOTES**

THE CONTRACTOR IS REQUIRED TO RELOCATE THE EXISTING MEDIUM INTENSITY THRESHOLD LIGHTS, RUNWAY LIGHTS, TAXIWAY LIGHTS AND THEIR ISOLATION TRANSFORMERS TO THE LOCATIONS SHOWN ON THESE DRAWINGS.

THE REMOVAL OF THE LIGHTS TO BE RELOCATED WILL BE INCIDENTAL TO ITEMS AR125961 AND AR125962, RESPECTIVELY.

AT THE TIME THE RUNWAY LIGHTING SYSTEM WAS INSTALLED THE 1/C NO. 8 5KV UG CABLE IN UNIT DUCT WAS PLACED AT AN OFFSET OF 30 FT OFF OF THE EDGE OF PAVEMENT TO FACILITATE A MORE EFFICIENT RELOCATION OF THE LIGHTING DURING THIS PROJECT.

THEREFORE, THE 1/C NO. 8 5KV UG CABLE IN UNIT DUCT SHOULD BE MINIMAL AND ALL QUANTITIES NECESSARY TO COMPLETE THE TASK OF RELOCATING THE REQUIRED LIGHTS AND SIGNS WILL BE CONSIDERED INCIDENTAL TO ITS RESPECTIVE RELOCATION PAY ITEM, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

EXISTING CABLE IS TO BE ABANDONED IN PLACE UNLESS IT CONFLICTS WITH THE INSTALLATION OF A PROPOSED LIGHT OR CABLE, THEN IT WILL BE REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL HOLES WILL BE FILLED IN BY THE CONTRACTOR WITH EARTH AND COMPACTED TO PREVENT FUTURE SETTLEMENT.

ANY LIGHTS OR SIGNS DAMAGED BY THE CONTRACTOR WILL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

**PLASI RELOCATION NOTES**

THE EXISTING PLASI AND ADAPTOR UNITS ARE TO BE UNBOLTED, REMOVED AND RELOCATED TO THE PROPOSED LOCATION SHOWN ON THIS SHEET & SHEET NO. 26.

THE CONTRACTOR WILL CONSTRUCT A NEW PLASI CONCRETE BASE AS DETAILED ON SHEET NO. 32.

THE EXISTING PLASI CONCRETE BASES ARE TO BE REMOVED TO THEIR FULL DEPTH AND DISPOSED OF OFF THE AIRPORT SITE. FOR DIMENSIONS OF THE RELOCATED PLASI BASES, SEE THE DETAILS ON SHEET 32.

THE HOLES LEFT FROM THE PLASI BASES AND ADAPTOR UNITS WILL BE FILLED IN WITH EARTH AND COMPACTED TO PREVENT FUTURE SETTLEMENT. THE DISTURBED AREAS WILL BE FERTILIZED AND SEEDDED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

THE PROPOSED PLASI CABLE WILL BE CONNECTED TO THE EXISTING PLASI CABLE USING THE PROPER CONNECTING KITS. THAT CONNECTION WILL BE DONE IN THE SPLICE CAN.

THE PROPOSED 120V. POWER CABLES FOR THE PLASI UNITS SHALL BE 2-1/C #4 600V UG CABLE IN UD OR 1.25\" SCHED 40 PVC CONDUIT & SHALL BE INCIDENTAL TO ITEM AR125970 RELOCATED PLASI.

THE RELOCATION OF THE EXISTING PLASI UNITS AND ADAPTOR UNITS WILL BE PAID FOR UNDER ITEM: AR125970 "RELOCATE PLASI" 2 EACH.

**REIL RELOCATION NOTES**

THE CONTRACTOR SHALL FURNISH AND INSTALL THE PROPOSED POWER CABLE FOR THE RELOCATED REIL'S AS SHOWN ON THIS SHEET. THE CABLE WILL BE TRENCHED AT A MINIMUM DEPTH OF 18\".

THE PROPOSED 240V POWER CABLES FOR THE REILS SHALL BE 3-1/C #4 600V UG CABLE IN 2\" UNIT DUCT, OR 2\" SCHED 40 PVC CONDUIT & SHALL BE INCIDENTAL TO ITEM AR125967, RELOCATED REILS.

THE CONTRACTOR SHALL ALSO FURNISH AND INSTALL THE POWER AND CONTROL CABLES BETWEEN THE MASTER AND SLAVE REIL UNITS. THE SIZE, TYPE AND NUMBER OF CABLES TO BE INSTALLED BETWEEN THE REIL UNITS WILL BE AS PER THE MANUFACTURER'S RECOMMENDATIONS.

THE CABLE TRENCH SHALL BE BACKFILLED, COMPACTED TO PREVENT FUTURE SETTLEMENT AND LIMED, FERTILIZED AND SEEDDED IN ACCORDANCE WITH ITEM 901 "SEEDING".

THE RELOCATION OF THE EXISTING REIL UNITS WILL BE PAID FOR UNDER ITEM AR125967 "RELOCATE REILS" 2 PAIR.

**125-SPLICE CAN NOTES:**

THE PROPOSED ELECTRICAL SPLICE CANS WILL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 125 "INSTALLATION OF AIRPORT LIGHTING SYSTEMS" AS STATED ON PAGE 150 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE ELECTRICAL SPLICE CANS SHALL BE FURNISHED & INSTALLED AT THE LOCATIONS SHOWN ON SHEETS 22, 26, AND 27, & SHALL BE INCIDENTAL TO THE RESPECTIVE ITEM OF WORK (AR125967 OR AR125970).

THE PROPOSED ELECTRICAL SPLICE CANS WILL BE AS DETAILED ON SHEET NO. 28.

**LEGEND**

- EXISTING PAVEMENT
- PROPOSED 5KV
- PROPOSED 600V
- EXISTING 600V
- EXISTING DUCT
- CM EXISTING CABLE MARKER
- RELOCATED STAKE MOUNTED THRESHOLD LIGHT
- RELOCATED STAKE MOUNTED RUNWAY LIGHT
- RELOCATED STAKE MOUNTED TAXIWAY LIGHT
- RELOCATED BASE MOUNTED RUNWAY LIGHT
- RELOCATED BASE MOUNTED TAXIWAY LIGHT
- RELOCATED R.E.I.L.
- RELOCATED P.L.A.S.I.
- SC PROPOSED SPLICE CAN

Scale: 1" = 30'  
FULL SIZE SCALE: 1" = 30'  
HALF SIZE SCALE: 1" = 60'

**SUMMARY OF PROPOSED ELECTRICAL QUANTITIES**

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
AR108158	1/C #8 5 KV UG CABLE IN UD	L.F.	288
AR109210	VAULT MODIFICATIONS	L.S.	1
AR110553	EXTEND 3-WAY DUCT	L.F.	50
AR125961	RELOCATE STAKE MOUNTED LIGHT	EA.	61
AR125962	RELOCATE BASE MOUNTED LIGHT	EA.	18
AR125967	RELOCATE REILS	PAIR	2
AR125970	RELOCATE PLASI	EA.	2

JUN 29, 2006 9:19 AM CAH  
F:\AIRPORTS\ROBINSON\838-04RWY AIRPORT SHEETS\142ELE.DWG - 120+00 to 127+00

REVISION					
DATE					
<p><b>ROBINSON MUNICIPAL AIRPORT</b> <b>ROBINSON</b> <b>CRAWFORD COUNTY, ILLINOIS</b></p> <p>ILL. PROJ.: RSY-3490 A.I.P. PROJ.: 3-17-0086-B10</p>					
<p>FILE PROJECT NO.: 838-04RWY FILE NAME: R-142ELE.DWG SCALE: 1"=30' DATE: 01/13/04</p>	<p>LAYOUT: CCC 01/13/04 DRAWN: CCC 01/13/04 REVIEWED: CAH 03/05/04</p>	<p>Hanson Professional Services Inc. 1025 South Sixth Street Springfield, Illinois 62703-2886 Chicago Nationwide</p>			
<p><b>RUNWAY 9-27 WIDENING</b></p> <p>PROPOSED ELECTRICAL PLAN STA. 120+00 TO STA. 127+00</p>					
<p><b>22</b></p> <p>22 of 75 sheets</p>					