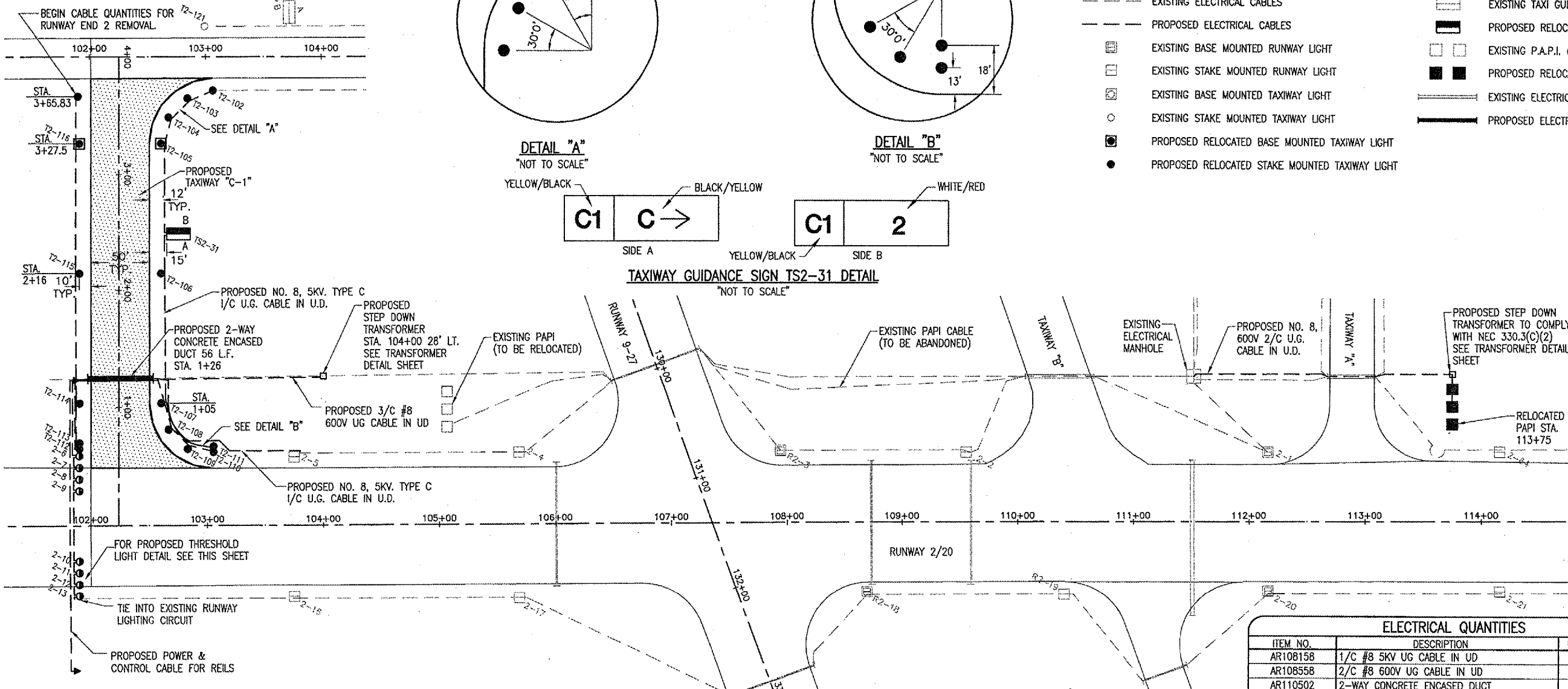
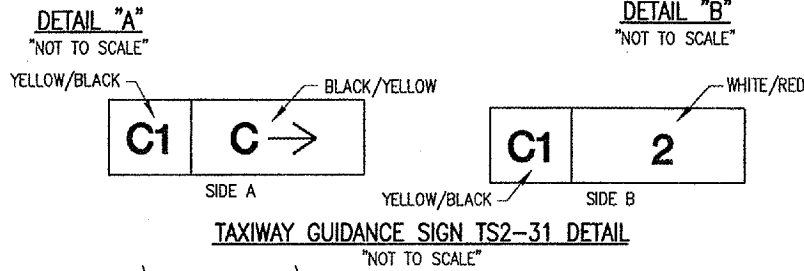
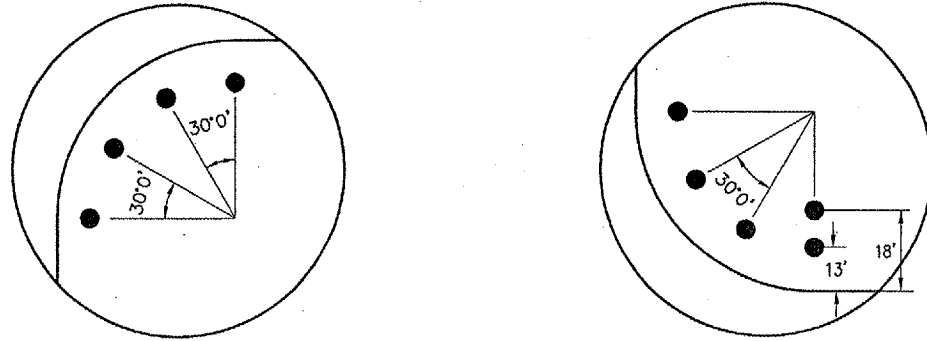


**NOTE:**  
FOR ELECTRICAL LAYOUT BEYOND THIS POINT SEE PROPOSED ELECTRICAL PLAN IN TAXIWAY "A" & "C" WIDENING SECTION.

DK050

- LEGEND**
- EXISTING PAVEMENT
  - PROPOSED PAVEMENT
  - EXISTING ELECTRICAL CABLES
  - PROPOSED ELECTRICAL CABLES
  - EXISTING BASE MOUNTED RUNWAY LIGHT
  - EXISTING STAKE MOUNTED RUNWAY LIGHT
  - EXISTING BASE MOUNTED TAXIWAY LIGHT
  - EXISTING STAKE MOUNTED TAXIWAY LIGHT
  - PROPOSED RELOCATED BASE MOUNTED TAXIWAY LIGHT
  - PROPOSED RELOCATED STAKE MOUNTED TAXIWAY LIGHT
  - PROPOSED RELOCATED THRESHOLD LIGHT
  - PROPOSED RELOCATED REILS
  - EXISTING TAXI GUIDANCE SIGN
  - PROPOSED RELOCATED TAXI GUIDANCE SIGN
  - EXISTING P.A.P.I. (TO BE RELOCATED)
  - PROPOSED RELOCATED P.A.P.I.
  - EXISTING ELECTRICAL DUCT
  - PROPOSED ELECTRICAL DUCT



**CABLE NOTES**

ALL PROPOSED RUNWAY LIGHT AND TAXIWAY LIGHT CABLES WILL BE LOCATED 12' FROM THE PAVEMENT EDGE UNLESS OTHERWISE STATED OR DIRECTED BY THE RESIDENT ENGINEER.  
ALL PROPOSED R.E.I.L. AND PAPI POWER CABLES WILL BE PLACED IN THE LOCATION SHOWN ON THESE PLANS.  
ALL PROPOSED CABLE WILL BE PLACED 18" BELOW PROPOSED GRADE.

THE PROPOSED RUNWAY/TAXIWAY LIGHT CABLE WILL BE NO. 8, 5KV, TYPE C, 1/C UG CABLE IN UNIT DUCT.

IN AREAS WHERE THERE IS A CONGESTION OF CABLES OR WHERE THE PROPOSED CABLE CROSSES AN EXISTING CABLE, THE PROPOSED CABLE WILL BE HAND DUG INTO PLACE. AT ALL OTHER LOCATIONS, THE PROPOSED CABLE IN UNIT DUCT MAY BE EITHER TRENCHED OR PLOWED INTO PLACE. THE TRENCHING AND/OR PLOWING WILL BE CONSIDERED INCIDENTAL TO THE PROPOSED CABLE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL EXISTING CABLES AS REPRESENTED WITHIN THESE CONSTRUCTION PLANS ARE APPROXIMATE AND FOR INFORMATIONAL PURPOSES ONLY. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND IDENTIFY THESE EXISTING CIRCUITS PRIOR TO ANY INSTALLATION OF THE PROPOSED CABLE. ANY DAMAGE TO THE EXISTING CIRCUITS SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE RESIDENT ENGINEER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ALL ELECTRICAL CIRCUITS INVOLVING ACTIVE AIRCRAFT WILL BE IN WORKING ORDER BY THE END OF DAYLIGHT HOURS.

EXISTING ELECTRICAL CABLES THAT ARE CALLED OUT TO BE REPLACED WILL BE ABANDONED IN PLACE UNLESS IT CONFLICTS WITH THE INSTALLATION OF A PROPOSED LIGHT OR CABLE, THEN IT WILL BE REMOVED AT NO ADDITIONAL COST TO THE CONTRACT.

**REIL NOTES**

THE PROPOSED REILS SHALL BE INSTALLED AS SHOWN ON THIS SHEET AND AS DETAILED IN THE ELECTRICAL STANDARDS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE REIL AIMING ANGLES WILL BE HORIZONTAL-15' OUT AND VERTICAL-10' UP. ALL CONTROL AND POWER CABLES BETWEEN THE MASTER AND SLAVE UNITS WILL BE AS PER MANUFACTURER RECOMMENDATIONS. THESE CABLES WILL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE REILS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE PROPOSED POWER CABLES TO THE REILS MASTER UNITS WILL BE PAID FOR UNDER ITEM: AR125967 "RELOCATE REILS" PER PAIR.

FURNISHING AND INSTALLING THE PROPOSED REIL UNITS, CONTROL AND POWER CABLES BETWEEN MASTER AND SLAVE UNITS, AND ALL MISCELLANEOUS APPURTENANCES NECESSARY TO COMPLETE THIS ITEM WILL BE PAID FOR UNDER ITEM: AR125967 "RELOCATE REILS" PER PAIR.

**110-DUCT NOTES:**

THE PROPOSED CONCRETE ENCASED ELECTRICAL DUCT WILL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 110 "INSTALLATION OF AIRPORT UNDERGROUND ELECTRICAL DUCT" AS STATED ON PAGE 148 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004, AND ITEM 110 OF THE SPECIAL PROVISION SPECIFICATIONS.

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING 2-WAY CONCRETE ENCASED ELECTRICAL DUCTS AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS.

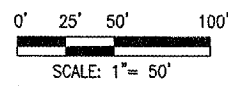
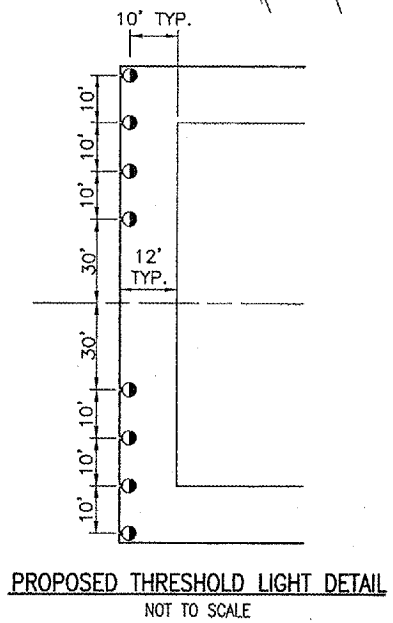
THE DUCTS WILL BE PLACED PRIOR TO EARTH GRADING AND THE TOPS OF THE PROPOSED DUCTS WILL BE PLACED 12" BELOW THE BOTTOM OF THE PROPOSED AGGREGATE BASE.

THE PROPOSED ELECTRICAL DUCT WILL BE PAID FOR UNDER ITEMS: AR110502 2-WAY CONCRETE ENCASED DUCT 56 L.F.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR108158	1/C #8 5KV UG CABLE IN UD	L.F.	1,457
AR108558	2/C #8 600V UG CABLE IN UD	L.F.	251
AR110502	2-WAY CONCRETE ENCASED DUCT	L.F.	56
AR125901	REMOVE STAKE MOUNTED LIGHT	EACH	2
AR125902	REMOVE BASE MOUNTED LIGHT	EACH	2
AR125950	ADJUST PLASI	EACH	1
AR125961	RELOCATE STAKE MOUNTED LIGHT	EACH	22
AR125962	RELOCATE BASE MOUNTED LIGHT	EACH	2
AR125964	RELOCATE TAXI GUIDANCE SIGN	EACH	1
AR125967	RELOCATE REILS	PAIR	1
AR125968	RELOCATE PAPI	EACH	1

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.



APR 03, 2006 11:44 AM BAK I:\AIRPORTS\DEKALB\803-05TAXIWAY AIRPORT SHEETS\RWY -2\R-14\TEL.DWG

REVISION	DATE	BY

**DIMA**  
DEKALB TAYLOR MUNICIPAL AIRPORT  
IL PROJ.: 3-17-0139-B42  
IL PROJ.: DK8-348

REV	PROJECT NO.	DATE	BY	CHKD	DATE	BY
	80303MALSD	12/29/03				
	R-141ELE.DWG	12/29/03				
	Scale: 1" = 50'					

**HANSON**  
Hanson Professional Services Inc.  
1525 South Sixth Street  
Springfield, Illinois 62703-2886  
Offices Nationwide

REMOVE AND REGRADE  
RUNWAY END 2  
PROPOSED  
ELECTRICAL  
PLAN