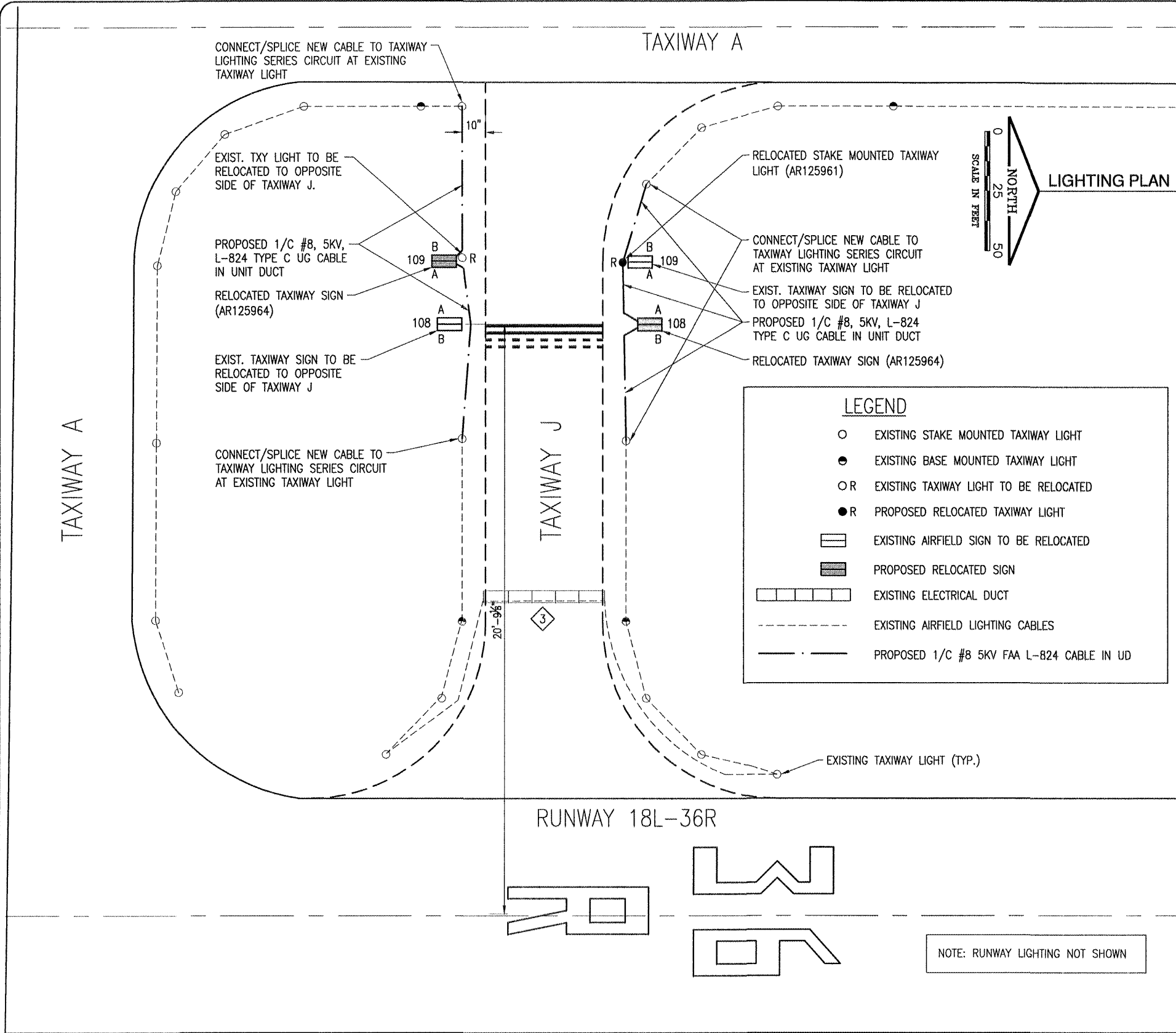


THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. NEITHER THE OWNER OR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123. CONTACT AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING AIRPORT CABLES. CONTACT FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES.

**NOTES:**

- THE EXISTING TAXI GUIDANCE SIGNS (TO BE RELOCATED) SHALL BE REMOVED & STORED IN A SECURE LOCATION. THE EXISTING SIGN BASES WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE IN A LEGAL MANNER. THE HOLES WILL BE FILLED WITH EARTH MATERIAL. NEW SIGN BASES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE ELECTRICAL DETAILS SHEET 1. THE STORED SIGNS SHALL BE INSTALLED ON THE NEW BASES. ANY DAMAGE TO THE SIGNS WILL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S OWN EXPENSE. RESTORE, GRADE, SEED, & MULCH THE DISTURBED AREAS TO ESTABLISH A STAND OF GRASS. PAYMENT WILL BE MADE UNDER ITEM AR125964, RELOCATE TAXI GUIDANCE SIGN.
- THE EXISTING STAKE MOUNTED TAXIWAY LIGHT TO BE RELOCATED SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS SHOWN ON "ELECTRICAL DETAILS SHEET 2". PAYMENT WILL BE MADE UNDER ITEM AR125961 RELOCATE STAKE MOUNTED LIGHT.
- PER FAA AC 150/5340-30D DESIGN AND INSTALLATION DETAILS FOR AIRPORT VISUAL AIDS, A SAFETY GROUND MUST BE INSTALLED AT EACH LIGHT FIXTURE. A SAFETY GROUND SHALL BE INSTALLED AT EACH STAKE MOUNTED LIGHT AND EACH TRANSFORMER BASE/LIGHT CAN ASSOCIATED WITH RUNWAY LIGHTS, TAXIWAY LIGHTS, AND LIGHTED TAXI GUIDANCE SIGNS. THE SAFETY GROUND SHALL BE A #6 AWG BARE COPPER CONDUCTOR CONNECTED TO THE GROUND LUG ON THE RESPECTIVE L-867 TRANSFORMER BASE/LIGHT CAN OR MOUNTING STAKE AND A 3/8-INCH DIAMETER BY 8-FOOT LONG (MINIMUM) UL LISTED COPPER CLAD GROUND ROD. SEE ELECTRICAL DETAIL SHEETS FOR ADDITIONAL INFORMATION ON THIS REQUIREMENT.
- ALL TAXIWAY LIGHTS ARE TO BE LOCATED 10' FROM THE PAVEMENT EDGE, AND THE NEAR EDGE OF THE TAXIWAY SIGNS SHALL BE LOCATED 15' FROM THE EDGE OF PAVEMENT.
- REFER TO THE ELECTRICAL DETAILS SHEETS AND SPECIFICATIONS FOR DETAILS FOR THE STAKE AND BASE LIGHTS AND TAXIWAY SIGNS.
- LIGHTING CABLE SHALL BE 1/C No. 8, 5000 VOLT, FAA L-824. TYPE C UNDERGROUND CABLE IN UNIT DUCT. CABLE BENDS SHALL BE 3"-0" OR GREATER. CABLE IN UNIT DUCT SHALL BE INCIDENTAL TO THE RESPECTIVE AIRFIELD LIGHTING DEVICE RELOCATION OR TAXI GUIDANCE SIGN RELOCATION, AND NO ADDITIONAL COMPENSATION WILL BE MADE.
- LIGHTING CABLE SHALL BE BURIED AT A MINIMUM DEPTH OF 18 INCHES AND 12 FEET FROM THE PAVEMENT EDGE. THE SPACING OF MULTI CABLES IN THE SAME TRENCH SHALL BE SEPARATED BY 3 INCHES, CABLE TO CABLE. FOR ELECTRICAL TRENCH DETAILS REFER TO THE ELECTRICAL DETAILS SHEET 25.
- IN AREAS WHERE THERE IS A CONGESTION OF EXISTING CABLES, THE PROPOSED CABLES SHALL BE HAND-DUG IN PLACE. AT ALL OTHER LOCATIONS, THE CABLE MAY BE TRENCHED OR PLOWED INTO PLACE.
- THE CONCRETE USED IN THE CONSTRUCTION OF THESE ITEMS SHALL BE IN ACCORDANCE WITH ITEM 610.
- PRIOR TO INSTALLING THE PROPOSED TAXIWAY LIGHTS OR TAXI GUIDANCE SIGNS, THE CONTRACTOR SHALL APPLY AN OXIDE-INHIBITING, ANTI-SEIZING COMPOUND TO ALL SCREWS, NUTS, BREAKABLE COUPLING, AND ALL PLACES WHERE METAL COMES INTO CONTACT WITH METAL. THE ANTI-SEIZE COMPOUND SHALL BE AS MANUFACTURED BY I.T.T. BRAND NAME "CONTAX" OR APPROVED EQUAL.
- ALL BASE PLATE MOUNTING BOLTS AND STAKE MOUNTING BOLTS SHALL BE STAINLESS STEEL.
- THE CONTRACTOR SHALL LOCATE ALL BURIED CABLES PRIOR TO THE PLACEMENT OF NEW CABLES. IN AREAS OF MULTIPLE CABLES, THE PROPOSED CABLES SHALL BE PLACED BY HAND DIGGING.



**RELOCATED SIGN SCHEDULE**

SIGN NO.	SIGN FACE	SIGN PANEL COLORS	NO. OF MODULES	SIGN DESCRIPTION	REMARKS
108	A	L/R/R/R	4	J 18 L-3 6R	EXISTING SIGN 8-CHARACTERS
109	A	L/Y/Y	3	J A →	EXISTING SIGN 3-CHARACTERS

DATE	REVISION				
<b>SOUTHERN ILLINOIS AIRPORT</b> MURPHYSBORO / CARBONDALE, ILLINOIS					
Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide					
REHABILITATE TAXIWAY "B"		TAXIWAY SIGNS & LIGHT RELOCATIONS			
23					
23 of 27 sheets					