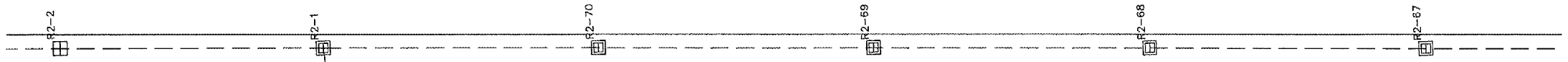
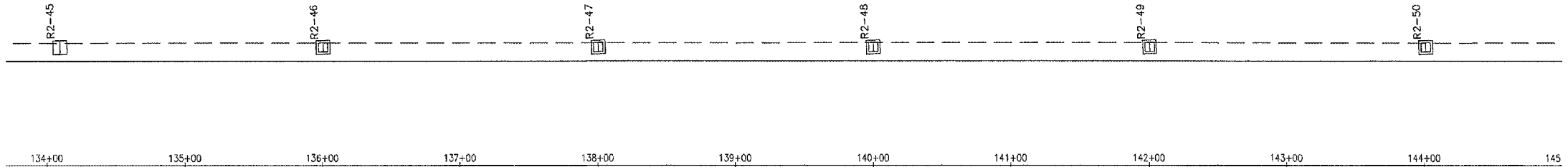


MAY 09, 2007 2:13 PM MLH  
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RUNWAY 13-31

**CONCRETE NOTE**

CONCRETE SHALL BE STRUCTURAL PORTLAND CEMENT CONCRETE (NON- REINFORCED) IN ACCORDANCE WITH ITEM 610.  
 THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND CURING CONCRETE CYLINDERS (1 SET REQUIRED FOR EACH 50 CY.) ONCE CURED, THE CYLINDERS SHALL BE TURNED OVER TO THE RESIDENT ENGINEER FOR TESTING.

**NUMBERING TAG NOTE**

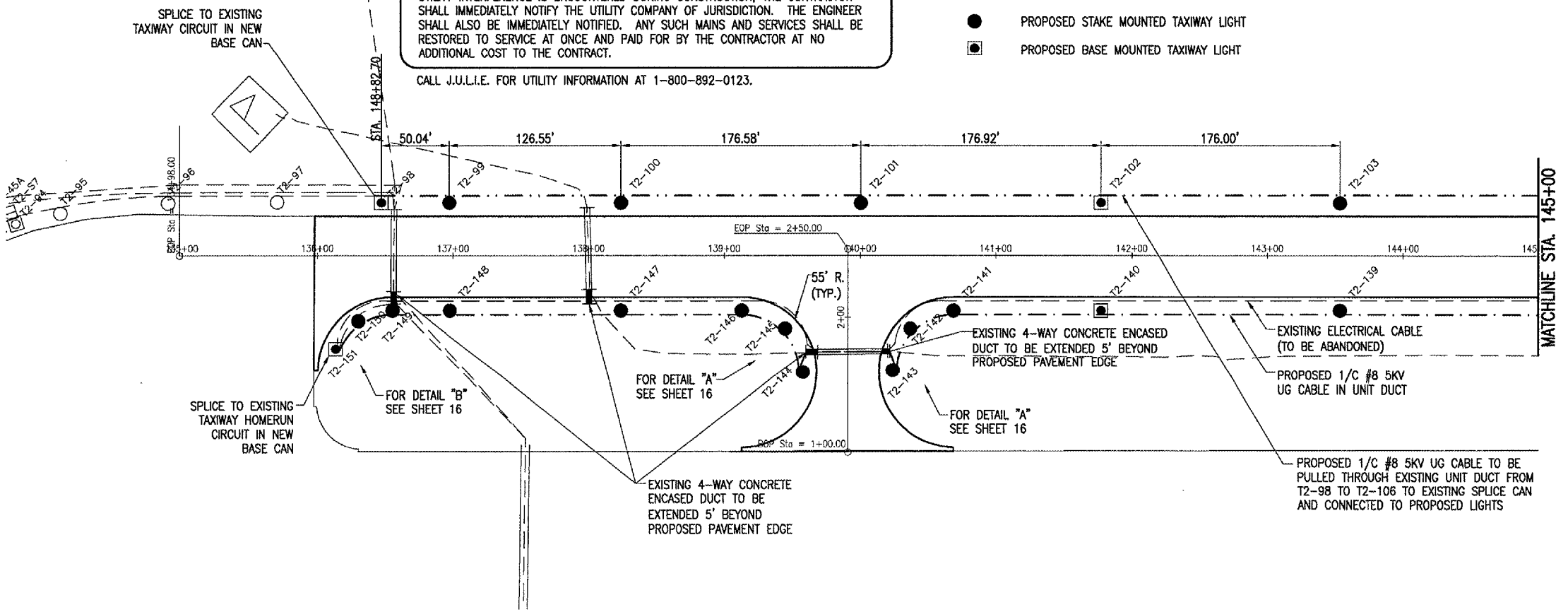
ALL OF THE PROPOSED LIGHTING WILL REQUIRE NUMBERING TAGS TO BE ATTACHED IN THE SEQUENCE SHOWN. THE CONTRACTOR WILL SUPPLY AND PLACE ALL NEW TAGS FOR THE PROPOSED LIGHTS. THE COST OF THE TAGS WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

**LEGEND**

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING ELECTRICAL CABLE
- EXISTING ELECTRICAL DUCT
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT
- EXISTING BASE MOUNTED THRESHOLD LIGHT
- PROPOSED 1/C, #8 5KV CABLE IN UNIT DUCT
- PROPOSED 1/C, #8 5KV CABLE IN EXISTING UNIT DUCT
- PROPOSED CONCRETE ENCASED DUCT
- PROPOSED STAKE MOUNTED TAXIWAY LIGHT
- PROPOSED BASE MOUNTED TAXIWAY LIGHT



**ELECTRICAL NOTES**

Q1058

**CABLES:**  
 ALL PROPOSED CABLE WILL BE PLACED 12' FROM THE PAVEMENT EDGE UNLESS THEY CONFLICT WITH THE EXISTING CABLES TO BE ABANDONED, WHERE THEY WILL BE PLACED AT 15' OFF OF PROPOSED EDGE OF PAVEMENT.

ALL PROPOSED CABLE WILL BE PLACED 18" BELOW THE PROPOSED GRADE.

THE PROPOSED ELECTRICAL CABLE WILL BE NO. 8, 5000 V., 1/C, TYPE C UNDERGROUND CABLE.

PROPOSED TAXIWAY LIGHTS T2-98 THROUGH T2-106 SHALL BE INSTALLED IN THE SAME LOCATIONS AS THE EXISTING TAXIWAY EDGE LIGHTS (T2-98 THROUGH T2-106).

THE EXISTING UNIT DUCT WILL BE REUSED FROM TAXIWAY LIGHT T2-98 THROUGH T2-106 TO THE EXISTING SPLICE CAN AT STA. 150+08. NEW 1 CONDUCTOR, NO. 8 5KV UNDERGROUND CABLE SHALL BE PULLED THROUGH, CONNECTED TO THE PROPOSED LIGHTS IN ACCORDANCE WITH THE DETAILS PROVIDED AND THE SPECIFICATIONS. NEW CABLE PULLED THROUGH EXISTING UNIT DUCT SHALL BE PAID UNDER ITEM AR108108 1/C #8 5KV UG CABLE, PER LINEAR FOOT.

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 CABLE SHOWN BY A (---) DASHED LINE ARE EXISTING CIRCUITS THAT ARE NOT PART OF THIS CONTRACT. THE LOCATION OF THESE CABLES ARE APPROXIMATE AND FOR INFORMATIONAL PURPOSES ONLY. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND IDENTIFY THESE EXISTING CIRCUITS PRIOR TO THE 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.

**LIGHTS:**  
 ALL PROPOSED TAXIWAY LIGHTS WILL BE PLACED 10' FROM THE PAVEMENT EDGE UNLESS SHOWN OTHERWISE.

ALL PROPOSED TAXIWAY LIGHTS WILL BE CONSTRUCTED AT THE LOCATION SHOWN ON THIS SHEET AND IN ACCORDANCE WITH THE DETAILS PROVIDED AND THE SPECIFICATIONS.

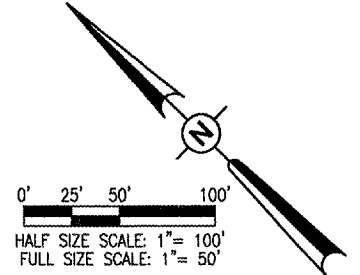
ALL PROPOSED TAXIWAY LIGHTS WILL USE 360° BLUE LENSES.

**DUCT:**  
 ALL PROPOSED 4-WAY CONCRETE DUCT EXTENSIONS WILL BE CONSTRUCTED AT THE LOCATION SHOWN ON THIS SHEET AND IN ACCORDANCE WITH THE DETAILS PROVIDED AND THE SPECIFICATIONS.

THE PROPOSED DUCT EXTENSIONS WILL MATCH EXISTING DUCT.

EXISTING UNDERGROUND ELECTRICAL DUCTS SHOWN TO BE EXTENDED ARE BELIEVED TO BE 4-WAY CONCRETE ENCASED DUCTS AND SHOULD BE BID ACCORDINGLY. HOWEVER, FIELD VERIFICATION IS REQUIRED AND ALTERNATIVE MATERIALS MAY BE REQUIRED IF DIFFERENT DUCT TYPES ARE DISCOVERED. THE CONTRACTOR SHOULD NOT ORDER MATERIALS UNTIL THE DUCT TYPE IS FIELD VERIFIED AND A PRICE CHANGE, IF NECESSARY, IS APPROVED.

DURING CONSTRUCTION, THE EXISTING ACTIVE RUNWAY AND TAXIWAY LIGHTING CIRCUITS MAY BE INOPERABLE DURING THE DAY. HOWEVER, THE CIRCUIT WILL BE FUNCTIONING AT THE END OF THE CONSTRUCTION DAY. THE CONTRACTOR WILL PROVIDE TEMPORARY CABLE, FIXTURES, OR DO WHATEVER IS NECESSARY TO HAVE THE CIRCUITS ACTIVE AT THE END OF THE CONSTRUCTION DAY. THE WORK WILL BE CONSIDERED AS PART OF THE LIGHTING INSTALLATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



BY	
REVISION	
DATE	
QUINCY REGIONAL AIRPORT BALDWIN FIELD ADAMS COUNTY, ILLINOIS	
ILL. PROJ.: 3-17-0085-B1 A.I.P. PROJ.: UIN-3690	
IEL Project No. B2407TXD_Q100 Filename: R-142ELE.DWG Scale: 1" = 50' Date: 03/14/07	LAYOUT MLH 03/14/07 DRAWN MLH 03/16/07 REVIEWED JDW 03/19/07
Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Chicago Nationwide	
REALIGN, WIDEN AND REHABILITATE TAXIWAY "C" - PHASE 2 PROPOSED ELECTRICAL PLAN STA. 134+98 TO STA. 145+00	
15 15 of 29 sheets	