

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.

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING 2-WAY & 4-WAY CONCRETE ENCASED ELECTRICAL DUCTS AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS.

THE CONCRETE ENCASED DUCTS WILL BE PLACED FOLLOWING THE SOIL PROCESSING AND APPLICATION OF THE LIME. THE TOPS OF THE PROPOSED DUCTS WILL BE PLACED 12" BELOW THE BOTTOM OF THE PROPOSED AGGREGATE BASE OR A MINIMUM OF 18" BELOW THE SURFACE OF THE FINISHED SUBGRADE.

THE PROPOSED ELECTRICAL DUCT WILL BE PAID FOR UNDER ITEMS:
 AR110502 2-WAY CONCRETE ENCASED DUCT 41 L.F.
 AR110504 4-WAY CONCRETE ENCASED DUCT 72 L.F.

REIL NOTES

THE CONTRACTOR SHALL FURNISH AND INSTALL THE PROPOSED POWER CABLES FOR THE EXISTING & PROPOSED REIL'S AS SHOWN ON THE CONSTRUCTION PLANS. THE CABLE WILL BE TRENCHED AT A MINIMUM DEPTH OF 18".

THE PROPOSED POWER CABLES SHALL BE NO. 6, 600 VOLT, TYPE C, 3/C UNDERGROUND CABLE.

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".

ELECTRICAL NOTES

CABLES:

ALL PROPOSED CABLE WILL BE LOCATED 12' FROM THE PAVEMENT EDGE UNLESS OTHERWISE STATED BY THE RESIDENT ENGINEER.

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 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 CABLE SHOWN BY A (---E---) 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.

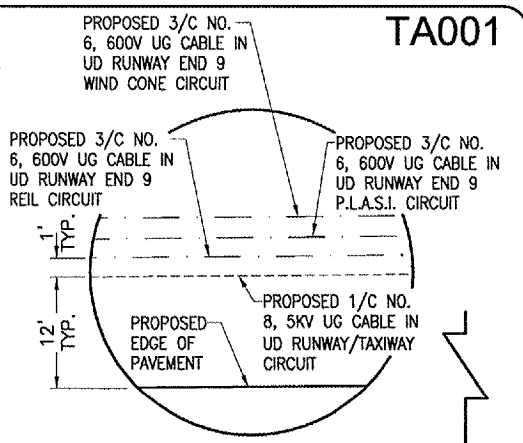
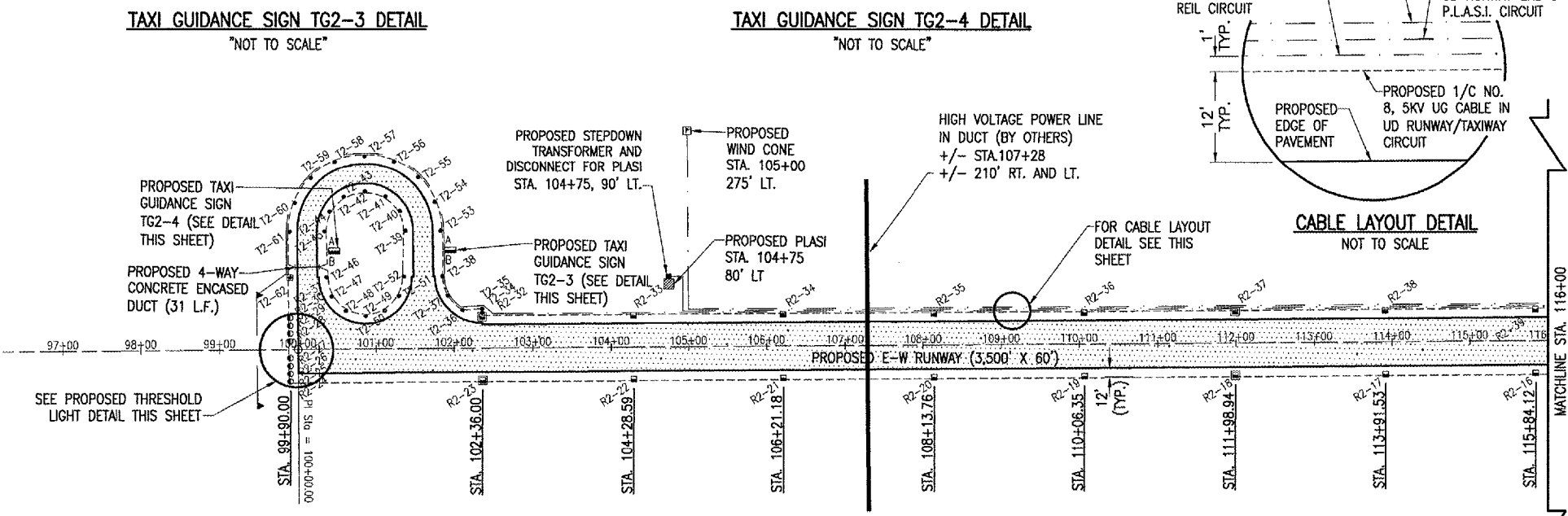
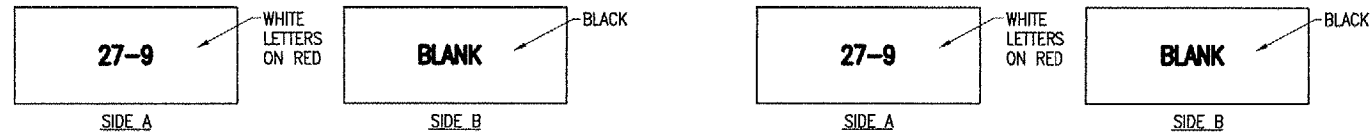
LIGHTS:

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

ALL PROPOSED LIGHTS WILL BE CONSTRUCTED AT THE LOCATION SHOWN ON THIS SHEET AND IN ACCORDANCE WITH THE DETAILS SHOWN ON SHEET 53 AND THE SPECIFICATIONS.

DURING CONSTRUCTION, THE EXISTING 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 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.

THE RUNWAY LIGHTS ON 9-27, TAXIWAY LIGHTS ON TAXIWAY "D", AND TAXIWAY LIGHTS ON THE TURN AROUND ARE ALL ON ONE ELECTRICAL CIRCUIT.

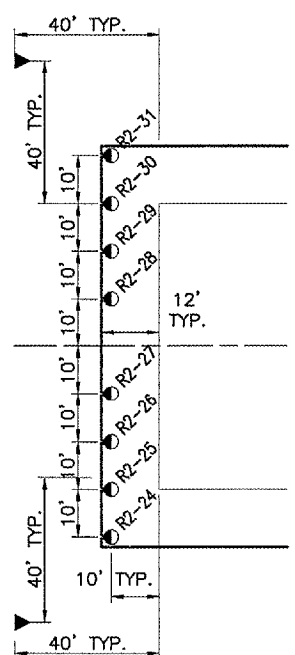


LEGEND

- PROPOSED IMPROVEMENTS
- PROPOSED CONCRETE ENCASED DUCT
- PROPOSED 1/C NO. 8 UG CABLE IN UD
- PROPOSED 3/C NO. 6 UG CABLE IN UD
- PROPOSED RUNWAY THRESHOLD LIGHT
- PROPOSED STAKE MOUNTED RUNWAY LIGHT
- PROPOSED BASE MOUNTED RUNWAY LIGHT
- PROPOSED P.L.A.S.I.
- PROPOSED REIL
- PROPOSED WIND CONE
- PROPOSED STAKE MOUNTED TAXIWAY LIGHT
- PROPOSED BASE MOUNTED TAXIWAY LIGHT
- PROPOSED TAXI GUIDANCE SIGN

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.

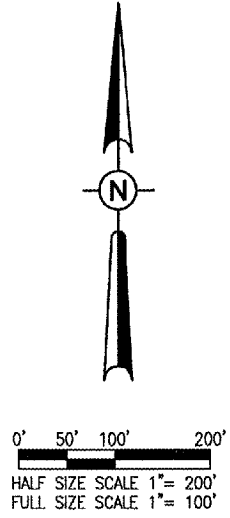
CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.



PROPOSED RUNWAY END 9 THRESHOLD LIGHT DETAIL
NOT TO SCALE

TEA CUP TURNAROUND LIGHT COORDINATES

LIGHT NO.	NORTHING	EASTING
T2-34	1043692.1171	2529508.4640
T2-35	1043697.1160	2529508.3581
T2-36	1043695.2856	2529483.3912
T2-37	1043713.1952	2529464.7065
T2-38	1043738.0478	2529457.4799
T2-39	1043795.0395	2529409.2622
T2-40	1043819.8920	2529402.0355
T2-41	1043837.8016	2529383.3508
T2-42	1043843.9271	2529356.2150
T2-43	1043836.6581	2529329.3629
T2-44	1043817.9733	2529311.4533
T2-45	1043792.8371	2529305.2855
T2-46	1043734.8924	2529308.5133
T2-47	1043710.0399	2529315.7399
T2-48	1043692.1303	2529334.4247
T2-49	1043685.9625	2529359.5609
T2-50	1043693.1891	2529384.4134
T2-51	1043711.8739	2529402.3230
T2-52	1043737.0101	2529408.4909
T2-53	1043795.9924	2529454.2521
T2-54	1043832.1860	2529446.2524
T2-55	1043862.5632	2529425.0109
T2-56	1043882.4994	2529393.7615
T2-57	1043888.9170	2529355.2621
T2-58	1043880.8750	2529317.0690
T2-59	1043859.6337	2529286.6919
T2-60	1043828.3844	2529266.7557
T2-61	1043791.8841	2529269.2956
T2-62	1043733.8971	2529261.5238



BY	
REVISION	
DATE	

TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE, ILLINOIS

HEB Project No. 828-03RWYGD_0800	
Drawings R-14-LELE.DWG	
Scale 1" = 100'	
Date 02/05/04	
LAYOUT JMB 02/05/04	
DRAWN JMB 02/05/04	
REVIEWED CAH xx/xx/xx	



CONSTRUCT RUNWAY 9-27
PROPOSED ELECTRICAL PLAN
STA. 100+00 TO STA. 116+00

MAY 05, 2005 8:48 PM RAW I:\AIRPORTS\TYLORVILLE\828-03RWYGD\AIRPORT\SHEETS\R-14-LELE.DWG - STA. 100+00 TO STA. 116+00