

AIRFIELD LIGHTING NOTES



- ALL WORK, POWER OUTAGES, AND/OR SHUT DOWN OF EXISTING SYSTEMS SHALL BE COORDINATED WITH THE AIRPORT DIRECTOR/MANAGER. ONCE SHUT DOWN, THE CIRCUITS SHALL BE LABELED AS SUCH TO PREVENT ACCIDENTAL ENERGIZING OF THE RESPECTIVE CIRCUITS. ALL PERSONNEL SHALL FOLLOW U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) 29 CFR PART 1910 OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR ELECTRICAL SAFETY AND LOCKOUT/TAGOUT PROCEDURES INCLUDING, BUT NOT LIMITED TO 29 CFR SECTION 1910.147 THE CONTROL OF HAZARDOUS ENERGY (LOCKOUT/TAGOUT)
- CONTRACTOR SHALL FIELD VERIFY EXISTING SITE CONDITIONS. CONTRACTOR SHALL FIELD VERIFY RESPECTIVE CIRCUITS AND POWER SOURCES PRIOR TO REMOVING OR DISCONNECTING THE RESPECTIVE AIRFIELD LIGHTING, NAVAID, OR OTHER DEVICE.
- PROPOSED RUNWAY AND TAXIWAY LIGHTS SHALL BE PLACED 10 FEET FROM THE PAVEMENT EDGE UNLESS SHOWN OTHERWISE ON THESE CONSTRUCTION DRAWINGS. PROPOSED TAXI GUIDANCE SIGNS SHALL BE LOCATED SUCH THAT THE CLOSEST SIDE OF THE SIGN IS 15 FEET FROM THE PAVEMENT EDGE, UNLESS SHOWN OTHERWISE.
- PROPOSED RUNWAY LIGHTS, TAXIWAY LIGHTS, GUIDANCE SIGNS, OTHER AIRFIELD LIGHTING, SPLICE CANS, HANDHOLES, ELECTRICAL DUCTS, AND CABLE SHALL BE INSTALLED AT THE LOCATIONS SHOWN AND IN COMPLIANCE WITH THE SPECIFICATIONS, SPECIAL PROVISIONS, RESPECTIVE DETAILS, AND MANUFACTURERS'S RECOMMENDATIONS.
- PROPOSED CABLE FOR RUNWAY AND TAXIWAY LIGHTING SHALL BE INSTALLED APPROXIMATELY 12 FEET FROM THE PAVEMENT EDGE. CABLES SHALL BE PLACED AT A MINIMUM OF 18" BELOW FINISHED GRADE.
- IN AREAS WHERE THERE IS A CONGESTION OF CABLES OR WHERE THE PROPOSED CABLE CROSSES AN EXISTING CABLE, THE CONTRACTOR IS REQUIRED TO HAND DIG THE TRENCH NECESSARY FOR THE PROPOSED CABLE. AT OTHER LOCATIONS, THE PROPOSED CABLE MAY BE TRENCHED OR PLOWED INTO PLACE. HAND DIGGING, TRENCHING AND/OR PLOWING WILL BE CONSIDERED INCIDENTAL TO THE PROPOSED CABLES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- PROPOSED RUNWAY LIGHTS AND TAXIWAY LIGHTS SHALL BE FITTED WITH LENSES IN ACCORDANCE WITH THE "LIGHT LENS SCHEDULE".
- ALL PROPOSED RUNWAY, THRESHOLD, AND TAXIWAY LIGHTS SHALL BE TAGGED BY THE CONTRACTOR IN ACCORDANCE WITH THE LIGHT NUMBERS SHOWN ON THESE CONSTRUCTION DRAWINGS.
- SEE "TAXI GUIDANCE SIGN SCHEDULE" FOR INFO ON SIGN LEGENDS.
- THE CONTRACTOR SHALL SECURE, IDENTIFY AND PLACE ALL TEMPORARY EXPOSED WIRING IN CONDUIT, DUCT OR UNIDUCT TO PREVENT ELECTROCUTION AND FIRE IGNITION SOURCES AS PER THE REQUIREMENTS OF FAA AC 150/5370-2F, PART 218, PARAGRAPH C. ALL LABOR, MATERIALS, AND TIME NECESSARY TO COMPLY WITH THIS REQUIREMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- HOMERUN CABLES FOR A RESPECTIVE CIRCUIT THAT ARE INSTALLED IN CONDUIT OR DUCT SHALL BE RUN TOGETHER IN THE SAME RACEWAY OR DUCT.

TAXIWAY LIGHT LOCATION TABLE					
LIGHT #	NORTHING	EASTING	STATION	OFFSET	ALIGNMENT
T-01	417210.19	922306.36	45+62.39	141.25' RT	TXY B
T-02	417242.71	922301.38	45+72.60	109.98' RT	TXY B
T-03	417275.28	922302.28	45+88.08	81.31' RT	TXY B
T-04	417307.85	922303.18	46+03.55	52.64' RT	TXY B
T-05	417329.50	922327.57	46+35.08	44.29' RT	TXY B
T-06	417351.16	922351.97	46+66.62	35.94' RT	TXY B
T-07	417375.85	922395.77	47+16.85	33.63' RT	TXY B
T-08	417400.43	922439.38	47+66.85	31.34' RT	TXY B
T-09	417448.82	922526.76	48+66.67	27.50' RT	TXY B
T-10	417493.84	922615.97	49+66.59	27.50' RT	TXY B
T-11	417516.36	922660.61	50+16.59	27.50' RT	TXY B
T-12	417572.52	922771.90	51+41.25	27.50' RT	TXY B
T-13	417628.68	922883.19	52+65.91	27.50' RT	TXY B
T-14	417651.21	922927.83	53+15.91	27.50' RT	TXY B
T-15	417718.13	923060.46	54+64.47	27.50' RT	TXY B
T-16	417807.58	923237.73	56+63.03	27.50' RT	TXY B
T-17	417874.51	923370.36	58+11.59	27.50' RT	TXY B
T-18	417897.04	923415.00	58+61.59	27.50' RT	TXY B
T-19	417918.44	923457.42	59+09.10	27.50' RT	TXY B
T-20	417939.84	923499.83	59+56.61	27.50' RT	TXY B
T-21	417965.58	923550.85	60+13.75	27.50' RT	TXY B
T-22	418010.85	923528.00	60+13.75	23.21' LT	TXY B
T-23	418056.12	923505.16	20+73.91	27.50' RT	TXY B
T-24	418101.39	923482.32	21+24.62	27.50' RT	TXY B
T-25	418146.71	923459.45	21+75.38	27.50' RT	TXY B
T-26	418177.32	923444.00	22+09.67	27.50' RT	TXY B
T-27	418170.28	923353.96	22+43.95	56.06' LT	TXY B
T-28	418144.21	923378.38	22+09.67	46.00' LT	TXY B
T-29	418118.13	923402.80	21+75.38	35.95' LT	TXY B
T-30	418072.81	923425.67	21+24.62	35.95' LT	TXY B
T-31	418037.67	923432.14	20+90.34	46.00' LT	TXY B
T-32	418002.54	923438.61	59+30.19	56.06' LT	TXY B
T-33	417978.10	923412.51	58+95.89	46.00' LT	TXY B
T-34	417953.67	923386.42	58+61.59	35.93' LT	TXY B
T-35	417929.09	923342.82	58+11.59	33.64' LT	TXY B
T-36	417856.69	923212.95	56+63.03	27.50' LT	TXY B
T-37	417767.23	923035.69	54+64.47	27.50' LT	TXY B
T-38	417705.79	922900.29	53+15.91	33.64' LT	TXY B
T-39	417685.31	922854.62	52+65.91	35.93' LT	TXY B
T-40	417678.84	922819.46	10+46.00	90.36' RT	TXY B-1
T-41	417672.37	922784.30	10+56.06	56.06' RT	TXY B-1
T-42	417698.45	922759.88	10+90.34	46.00' RT	TXY B-1
T-43	417724.52	922735.46	11+24.62	35.95' RT	TXY B-1
T-44	417769.84	922712.59	11+75.38	35.95' RT	TXY B-1
T-45	417804.98	922706.13	12+09.66	46.00' RT	TXY B-1
T-46	417840.11	922699.66	12+43.94	56.06' RT	TXY B-1
T-47	417856.23	922716.85	12+50.59	78.67' RT	TXY B-1
T-48	417785.23	922576.64	12+50.37	78.50' LT	TXY B-1
T-49	417789.58	922599.59	12+43.91	56.05' LT	TXY B-1
T-50	417763.52	922624.00	12+09.65	46.00' LT	TXY B-1
T-51	417737.46	922648.41	11+75.38	35.95' LT	TXY B-1
T-52	417692.13	922671.28	11+24.62	35.95' LT	TXY B-1
T-53	417657.00	922677.74	10+90.34	46.00' LT	TXY B-1
T-54	417621.86	922684.21	10+56.06	56.06' LT	TXY B-1
T-55	417597.43	922658.12	10+46.00	90.36' LT	TXY B-1
T-56	417572.99	922632.03	50+16.59	35.93' LT	TXY B
T-57	417548.41	922588.43	49+66.59	33.62' LT	TXY B
T-58	417499.27	922501.31	48+66.67	29.01' LT	TXY B
T-59	417458.42	922410.11	47+66.85	33.62' LT	TXY B
T-60	417437.96	922364.43	47+16.85	35.93' LT	TXY B
T-61	417431.33	922324.09	46+77.85	48.19' LT	TXY B
T-62	417424.70	922283.75	46+38.85	60.44' LT	TXY B
T-63	417459.84	922260.87	46+34.25	102.13' LT	TXY B
T-64	417494.98	922237.99	46+29.65	143.81' LT	TXY B
T-65	417541.02	922218.04	46+32.59	193.89' LT	TXY B

RUNWAY LIGHT LOCATION TABLE					
LIGHT #	NORTHING	EASTING	STATION	OFFSET	ALIGNMENT
R-01	417778.44	922563.26	12+50.34	93.50' LT	TXY B-1
R-02	417862.96	922730.26	12+50.56	93.67' RT	TXY B-1

TAXI GUIDANCE SIGN SCHEDULE			
SIGN NUMBERS	LOCATION	SIDE A	SIDE B
TGS-01	EXISTING TAXILANE INTERSECTION WITH RUNWAY 6-24 AT HOLD LINE	6-24	RAMP ↑
TGS-02	TAXIWAY B-1 INTERSECTION WITH RUNWAY 6-24 AT HOLD LINE	6-24	RAMP →
TGS-03	TAXIWAY B INTERSECTION WITH RUNWAY 24 AT HOLD LINE	24	RAMP →

TAXI GUIDANCE SIGN LEGEND

-  TYPE L-858R MANDATORY INSTRUCTION SIGN - BLACK OUTLINE ON OUTSIDE EDGE OF WHITE LEGEND ON A RED BACKGROUND
-  TYPE L-858Y DIRECTION, DESTINATION, AND BOUNDARY SIGN - BLACK LEGEND ON A YELLOW BACKGROUND

TAXI GUIDANCE SIGN NOTES

- SIGN SCHEDULE IS SUBJECT TO FAA APPROVAL OF THE SIGNAGE PLAN.
- CHANGES TO SIGN LEGEND MAY OCCUR SUBJECT TO #1 ABOVE.
- PROPOSED TAXI GUIDANCE SIGNS SHALL BE SIZE 2, MODULES 2, DOUBLE FACED L-858.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WITH LEGENDS FOR APPROVAL PRIOR TO MANUFACTURING.
- PROPOSED TAXI GUIDANCE SIGNS SHALL BE COMPLETE WITH ALL MOUNTING LEGS AND HARDWARE AND ISOLATION TRANSFORMER.
- PROPOSED TAXI GUIDANCE SIGNS MUST COMPLY WITH AC 150/5345-44J (LATEST EDITION)
- THE PROPOSED TAXI GUIDANCE SIGNS SHALL BE LOCATED SUCH THAT THE CLOSEST SIDE OF THE SIGN IS 15 FEET FROM THE PAVEMENT EDGE OR RESPECTIVE RUNWAY SURFACE EDGE.

LIGHT LENS SCHEDULE	
LIGHT NUMBERS	LENS
T-01 TO T-65	BLUE
R-01 TO R-02	WHITE