

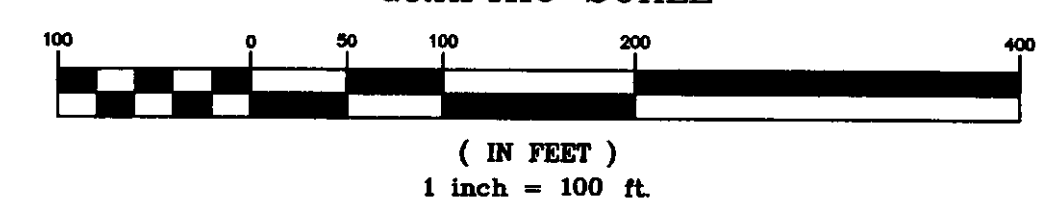
**ELECTRICAL NOTES**

- No. 8 BARE COPPER STRANDED COUNTERPOISE WIRE TO BE INSTALLED ABOVE CONDUIT. SEE LIGHTING DETAIL SHEET.
- ALL RUNWAY AND TAXIWAY LIGHTING ELECTRICAL CABLES SHALL BE No. 8, 5KV, FAA L-824, TYPE C, UNLESS OTHERWISE NOTED.
- RUNWAY & TAXIWAY LIGHTS ARE TO BE INSTALLED 10' BACK FROM EDGE OF PAVEMENT, CABLE IS TO BE INSTALLED 13' BACK FROM EDGE OF PAVEMENT. (UNLESS SPECIFICALLY SHOWN OTHERWISE ON PLANS.)
- RUNWAY HOLD SIGNS (DESIGNATED WITH NUMERALS AND LETTERS) ARE TO BE INSTALLED 20' OFF THE TAXIWAY EDGE OF PAVEMENT AND IN-LINE WITH THE RUNWAY HOLD PAVEMENT MARKINGS. FACE OF SIGN IS TO BE PERPENDICULAR TO TAXIWAY CENTERLINE. SEE LIGHTING DETAIL SHEET.
- TAXIWAY DIRECTIONAL SIGNS (DESIGNATED WITH LETTERS AND ARROWS) ARE TO BE INSTALLED 20' OFF THE TAXIWAY EDGE OF PAVEMENT. SIGNS ARE TO BE INSTALLED 6± PRIOR TO CENTERLINE OF DESIGNATED TAXIWAY AND PERPENDICULAR TO RUNWAY CENTERLINE. SEE LIGHTING DETAIL SHEET.
- DIRECTION SIGNS, RUNWAY & TAXIWAY LIGHTS AND WIND CONE ARE DESCRIBED IN THE SPECIFICATIONS.
- ALL CABLE CONNECTIONS ARE TO FOLLOW FAA L-823 REQUIREMENTS, AND SHALL BE MADE AT THE NEAREST LIGHT OR SIGN.
- ALL AREAS OUTSIDE THE LIMITS OF CONSTRUCTION AS SHOWN ON THE PLANS WHICH ARE DISTURBED BY THE INSTALLATION OF ANY ELECTRICAL ITEM SHALL BE REPAIRED TO ORIGINAL CONDITION, OR BETTER, AT NO COST TO THE OWNER. THIS WORK INCLUDES, BUT IS NOT LIMITED TO, REGRADING, SEEDING, MULCHING, AND FERTILIZER, AND IS TO BE SUBSIDIARY TO ITEM L-108 - CABLE TRENCH.
- STATION AND OFFSET CALL-OUTS ON THE RUNWAY & TAXIWAY LIGHTS ARE FROM THE RUNWAY CENTERLINE.
- ALL EXCESS ELECTRICAL COMPONENTS WILL BE STORED OR DISPOSED OF AS DIRECTED BY THE ENGINEER.

**OPERATIONAL NOTES**

- RUNWAY 2-20 MUST BE CLOSED DURING WORK WITHIN 5' OF EDGE OF RUNWAY. THIS CONSISTS OF WORK ASSOCIATED WITH PLACEMENT OF THE RUNWAY DUCTS AND ASSOCIATED LIGHTING.
- NOTAM'S MUST BE ISSUED AT LEAST 48 HOURS IN ADVANCE OF ANY AIRPORT STATUS CHANGE. THERE CAN BE NO EXCEPTIONS. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE WITH THE RESIDENT ENGINEER AND THE AIRPORT MANAGER.
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT AND ABIDE BY A SCHEDULE OF WORK APPROVED BY THE ENGINEER PRIOR TO STARTING ANY CONSTRUCTION. ANY PROPOSED DEVIATION FROM THIS SCHEDULE WILL REQUIRE ANOTHER SUBMISSION AND APPROVAL PRIOR TO ANY CHANGE.
- WORK WITHIN 75' OF EDGE OF RUNWAY WILL REQUIRE SPECIAL COORDINATION WITH AIRPORT OPERATIONS THRU DIRECT COMMUNICATION WITH THE AIRPORT MANAGER. THE CONTRACTOR WILL BE REQUIRED TO REMOVE EQUIPMENT FROM THIS AREA WITHIN A 15 MINUTE NOTICE FROM THE AIRPORT MANAGER TO ENABLE ARRIVING AND DEPARTING AIRCRAFTS TO OPERATE. THIS WORK SHALL CONSIST OF PLACEMENT OF RUNWAY LIGHTS AND SIGNS.
- WORK ADJACENT TO AND ON TAXIWAYS SHALL BE LIMITED TO ONE TAXIWAY SEGMENT AT A TIME. CLOSURE OF TAXIWAYS E AND F SHALL BE LIMITED TO THE VERY MINIMUM TIME.
- IT IS EXPECTED ALL AIRCRAFT SURFACES WILL BE AVAILABLE FOR USE AT THE CONCLUSION OF CONSTRUCTION EACH DAY. THE CONTRACTOR MUST RETURN THE WORK AREA TO SAFE OPERATIONAL AT THE END OF EACH WORK SHIFT.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING AND PLACING "X" ON THE RUNWAY NUMERALS TO SIGNIFY RUNWAY CLOSURE. SEE LIGHTING DETAIL FOR REQUIRED MARKING DIMENSIONS.
- CONSTRUCTION EQUIPMENT SHALL BE MOVED TO STAGING AND MATERIAL STORAGE AREAS AFTER EACH WORK DAY. NO CONSTRUCTION EQUIPMENT SHALL BE STORED ON PAVED AIRPORT SURFACES DURING NON-WORK HOURS.
- CONSTRUCTION STAGING AND MATERIAL STORAGE AREAS SHALL BE CONFINED TO THOSE AREAS INDICATED ON THE PLANS. SILT FENCE AND/OR EROSION CONTROL MEASURES SHALL BE ESTABLISHED FOR ALL STOCKPILED MATERIAL.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITIES PRIOR TO ACTUAL CONSTRUCTION AND REPORT ANY DISCREPANCIES TO ENGINEER.

**GRAPHIC SCALE**



**LEGEND**

- PROPERTY LINE
- - - - - EXISTING FENCE LINE
- (A) PROPOSED TAXIWAY DESIGNATION
- (2-20) PROPOSED HOLD SIGN
- (R) PROPOSED TAXIWAY LOCATION SIGN
- (R) PROPOSED RUNWAY EXIT/TAXIWAY DIRECTION SIGN
- PROPOSED RUNWAY END IDENTIFICATION LIGHT (REIL)
- PROPOSED PRECISION APPROACH PATH INDICATOR (PAPI)
- PROPOSED RUNWAY EDGE LIGHT
- ◇ PROPOSED TAXIWAY EDGE LIGHT
- PROPOSED RUNWAY END LIGHT
- PROPOSED DUCT MARKER
- PROPOSED JUNCTION BOX
- RUNWAY LIGHTING CIRCUIT
- - - TAXIWAY LIGHTING CIRCUIT
- WIND CONE LIGHTING CIRCUIT

**RUNWAY AND TAXIWAY LIGHTING SCHEDULE**  
 (STATION AND OFFSET REFER TO SURVEY BASELINE)

LIGHT #	STA.	OFFSET	LIGHT #	STA.	OFFSET	LIGHT #	STA.	OFFSET
1	43+07.57	93.97'	35	29+70.08	89.08'	69	33+35.43	-40.00'
2	43+07.10	137.95	36	30+48.51	143.89'	70	35+30.86	-40.00'
3	43+14.95	160.03'	37	31+35.56	184.91'	71	37+26.29	-40.00'
4	43+34.63	167.26'	38	31+14.27	239.38'	72	39+21.72	-40.00'
5	43+88.92	167.49'	39	30+25.25	184.82'	73	41+17.15	-40.00'
6	44+29.09	167.48'	40	29+35.73	119.58'	74	43+12.82	-40.00'
7	44+74.52	167.88'	41	28+87.37	50.00'	75	43+12.62	-30.00'
8	44+75.30	200.73'	42	28+78.58	40.00'	76	43+12.62	-20.00'
9	44+76.08	233.52'	43	27+49.14	40.00'	77	43+12.62	20.00'
10	44+35.58	233.51'	44	25+53.71	40.00'	78	43+12.62	30.00'
11	44+29.81	228.07'	45	23+58.28	40.00'	79	43+12.62	40.00'
12	43+88.92	227.92'	46	21+82.85	40.00'	80	43+08.05	50.00'
13	43+48.03	227.74'	47	19+67.42	40.00'	81	42+46.68	50.00'
14	43+43.57	232.94'	48	17+71.99	40.00'	82	42+46.68	40.00'
15	43+04.81	233.32'	49	15+78.58	40.00'	83	41+17.15	40.00'
16	42+99.85	229.00'	50	13+61.13	40.00'	84	39+21.72	40.00'
17	42+17.31	228.93'	51	11+85.70	40.00'	85	37+58.71	40.41'
18	40+61.15	228.64'	52	09+80.27	40.00'	86	37+33.81	54.45'
19	39+04.66	228.35'	53	09+80.27	30.00'	87	37+25.34	81.75'
20	37+47.82	228.07'	54	09+80.27	20.00'	88	37+27.52	142.32'
21	37+32.71	230.80'	55	09+80.27	-20.00'	89	37+33.49	158.59'
22	37+25.73	240.28'	56	09+80.27	-30.00'	90	37+48.16	166.28'
23	36+36.81	217.46'	57	09+80.27	-40.00'	91	39+04.66	167.12'
24	36+84.89	203.70'	58	11+85.70	-40.00'	92	40+61.15	167.99'
25	36+74.53	176.21'	59	13+81.13	-40.00'	93	42+17.64	168.85'
26	36+75.53	142.32'	60	15+76.58	-40.00'	94	42+38.24	160.48'
27	36+74.46	81.74'	61	17+71.99	-40.00'	95	42+47.55	137.85'
28	36+69.55	54.45'	62	19+67.42	-40.00'	96	42+47.12	93.97'
29	36+49.81	40.41'	63	21+62.85	-40.00'	97		
30	35+30.86	40.00'	64	23+58.28	-40.00'	R1	09+80.27	70.00'
31	33+35.43	40.00'	65	25+53.71	-40.00'	R2	09+80.27	-70.00'
32	31+40.00	40.00'	66	27+48.14	-40.00'	R3	43+22.82	-70.00'
33	29+54.27	40.00'	67	29+44.57	-40.00'	R4	43+22.82	70.00'
34	29+54.10	50.00'	68	31+40.00	-40.00'			

NO.	DATE	REVISIONS	BY	CK'D

**DuBois & King**  
 engineering planning management development

STATE OF VERMONT  
 AGENCY OF TRANSPORTATION  
 CALEDONIA COUNTY STATE AIRPORT  
 LIGHTING AND ELECTRICAL  
 SITE PLAN

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