



DEVICE SCHEDULE		
ITEM	QUANT.	DESCRIPTION
(A)	2	CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 600V, A.C., 225A, FRAME, 175A, NON-INTERCHANGABLE TRIP, BOLT-ON TYPE; INTERRUPTING CAPACITY OF NOT LESS THAN 22,000 RMS SYMMETRICAL AMPERES AT 480V.
(B)	2	LIGHTING CONTACTOR (REMOTE CONTROL SWITCH) MECHANICALLY HELD, ASCO 920, MOUNTED ON SUB PANEL 200A, 600V, WITH 240V. COIL.
(C)	2	PANEL BOARD (INTERIOR ONLY) 480/240V, SINGLE PHASE WITH 200A, COPPER MAINS AND EIGHT IP-70A BOLT-ON BRANCH BREAKERS EACH RATED 277V, WITH INTERRUPTING CAPACITY OF NOT LESS THAN 14,000 RMS SYMMETRICAL AMPERES AT 277V.
(D)	1	LIGHTING ADJUSTABLE CONTROL PANEL W/3-SET POINTS & 3-NO CONTACT OUTPUTS W/HOA SWITCHES AND INDICATING LIGHTS FOR EACH OUTPUT & INTERPOSING RELAYS, NEMA 1 ENCLOSURE, PLC MULTIPoint MODEL T3X-1.
(E)	3	CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 1-POLE, 277V, BOLT-ON TYPE, 15A WITH AN INTERRUPTING RATING OF NOT LESS THAN 14,000 RMS SYMMETRICAL AMPERES AT 277V.
(F)	1	HEATER, 120V, 375 WATT HEATREX 276-10.
(G)	1	THERMOSTAT, 40-80 DEG. F, CHROMALOX WR-80.
(H)	1	SOCKET FOR ELECTRIC UTILITY COMPANY METER.
(I)	1	STEP DOWN TRANSFORMER 240V.-120V., 1.5 KVA
(J)	3	FUSE HOLDER 15A., 250V., 5A. FUSE
(K)	1	20A. SPST MICRO SWITCH (MOUNT WITH ACTUATOR TO SWITCH WHEN DOOR OPENED)
(L)	1	60 WATT LIGHT FIXTURE, VAPOR TIGHT, WITH GLOBE AND GUARD AND MOUNTING BOX.
(M)	1	GF1 RECEPTACLE, 120V., 20A., PREMIUM SPEC. GRADE, NEMA REFERENCE 5-15R IN WEATHER-PROOF BOX WITH FLAP-TYPE COVER.
(N)	1	LUMINANCE SENSOR, 24 VAC INPUT POWER, 4-20MA OUTPUT, PLC MULTI-POINT MODEL TLUM.

- NOTES:
- ALL CONTROL CABINET ITEMS SHALL HAVE SUITABLE IDENTIFICATION. OPEN CIRCUIT BREAKERS, CONTACTORS AND OTHER OPEN DEVICES SHALL HAVE PERMANENT SELF-STICKING TAGS. DEVICES IN ENCLOSURES SHALL HAVE ENGRAVED 2-COLOR LAMINATED PLASTIC NAMEPLATES ATTACHED TO ENCLOSURES WITH SCREWS. NAMEPLATES SHALL BE ENGRAVED TO CORRESPOND TO DESIGNATIONS ON THE DRAWINGS. INTERNAL CABINET WIRING SHALL BE IDENTIFIED AS INDICATED OR AS DIRECTED BY THE ENGINEER BY MEANS OF SELF-STICKING TAGS APPLIED AT EACH CONNECTED END. IDENTIFICATION SHALL BE MADE BY THE CABINET MANUFACTURER.
 - ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
 - PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
 - ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12AWG STRANDED UNLESS OTHERWISE INDICATED.
 - ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
 - THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL"
 - SEE CABINET AND FOUNDATION DETAIL SHEET FOR SCHEMATIC DIAGRAM AND DEVICE LAYOUT.
 - SEE SHEET E-8 FOR PANEL LAYOUT.

PEN TABLE = #PENTBL5\$

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COLLINS ENGINEERS

USER NAME = \$USER\$	DESIGNED - IAB	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - DL/TM	REVISED -
PLOT DATE = \$DATE\$	CHECKED - YK	REVISED -
PLOT DRIVER = \$PLTDVRS\$	DATE - DEC 2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-90/94 AT OHIO STREET
LIGHTING CONTROLLER, DUPLEX TYPE, SHEET NO. 2 OF 4**

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE. 90/94	SECTION 0303-474HB-R	COUNTY COOK	TOTAL SHEETS 368	SHEET NO. 172
CONTRACT NO. 60F63				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT