CONTRACT No. 72682 COUNTY TOTAL SHEET NO.
HANCOCK 612 244 SECTION 34-5 STA. TO STA. FED. ROAD DIST. No. | ILLINOIS | FED. AID PROJECT CONTROL INSTALLATION SERVICE POLE MOUNTED 120/240V., 1 PHASE, 3 WIRE SERVICE ILLINOIS DEPARTMENT OF TRANSPORTATION FAP 315 (US 136)

Cast aluminum or stainless steel cabinet 18" h.x 12"w.c 8"d. Aluminum door with standard traffic signal lock and key and 16"x10"x1/2" mounting board. Photocell w/integral surge arrester 3 Position selector switch HAND-OFF-AUTO 15 amp circuit breaker — 30 A. 240V. Contactor, 120V. operating coil 2 Pole, 3 wire, 30A. disconnect \switch, NEMA 3R, fused 30A. Equipment ground bar \square A, 30A., 2 pole branch c.b. \boxtimes A₂ 20A., 2 pole branch c.b. Neutral bar— ोिक्री निन निवेके विवेक Terminal block -#8 Wire Lighting circuits DISCONNECT SWITCH PHOTOCELL RELAY

GENERAL NOTES

All equipment shall be U.L. Listed.

All dimensions are in inches unless otherwise shown.

LIGHTING PLANS LIGHTING DETAILS SCALE: DATE: MARCH 10, 2006

DRAWN BY: RG CHECKED BY: JAC

D6 PROJECT: FILE: .

- Weatherhead

Malleable iron conduit

clamps @ 5' intervals

25' Class 5 service pole full length treated

3-#8 XLP cables in 3/4"

galvanized steel conduit

Meter (if required)

Control cabinet

3" Galvanized steel conduit.

#8 Bare copper wire

1/2" Galvanized

steel conduit.

Grade

12" to 18"

SERVICE POLE

Overhead service -

Service disconnect

Cast bronze clamp

Copperclad ground rod

5⁄8′′ × 10′