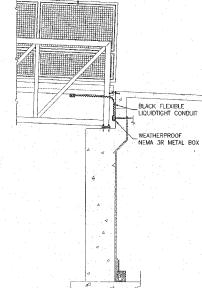


CONTRACT NO. 97326 SECTION 06-00224-00-BR

E R S PIER CONDUIT DETAIL -PEDESTRIAN FENCE



ABUTMENT CONDUIT DETAIL

FIXTURE SA "IN SIDEWALK" MOUNTING DETAIL

FIXTURE SA "NEXT TO SIDEWALK" MOUNTING DETAIL

-CAST WEATHERPROOF

MC CABLE (INCLUDE AS ELECTRIC

CABLE IN CONDUIT 600 VOLT)

GRS CONDUIT PAINT BLACK WEATHERPROOF SINGLE GANG BOX DRILLED AND TAPPED

-GRS CONDUIT PAINT BLACK

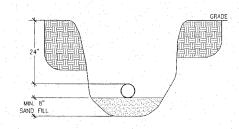
SIDE VIEW

ROUND BOX

FENCE SUPPORT

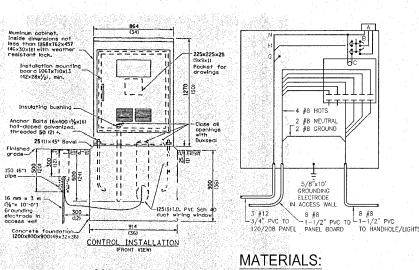
DRILL OPENING IN FENCE SUPPORT TO ROUTE MC CABLE -

BRIDGE STRUCTURE -



TYPICAL CONDUIT BURIAL DETAIL

DO NOT PENETRATE LEVEE FOR INSTALLATION, ALL CONDUIT INSTALLED IN FILL, IF LESS THAN 24" BURIAL INSTALL 2" CONCRETE COVER.



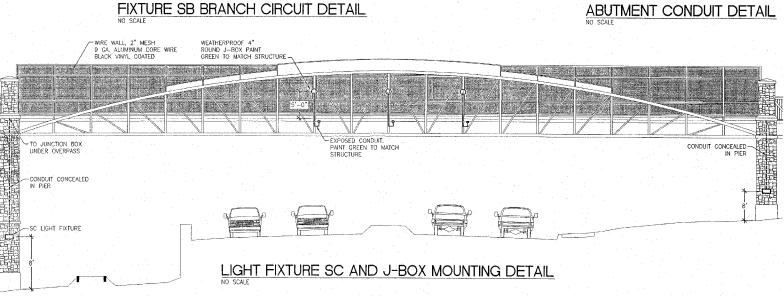
FOUNDATION TOP VIEW

- A. PHOTOCELL W/ INTEGRAL SURGE ARRESTER.
- B. THREE POSITION SELECTOR SWITCH HAND/OFF/AUTO.
- C. SIX POLE RELAY 120 VOLT COIL 20 AMP, 480 VOLT CONTACTS.

GENERAL NOTES:

- WIRING SHALL BE PANEL BOARD FASHION. ALL BENDS SHALL BE RIGHT ANGLES. ALL RUNS SHALL VERTICAL OR PARALLEL TO PANEL BOARD. WIRES SHALL BE GROUPED OR LACED.
- ALL CONTROL INSTALLATION COMPONENTS SHALL BE U.L. LISTED.
- RACEWAYS SHALL TERMINATE 75 (3) ABOVE TOP OF CONCRETE FOUNDATION.
- 4. LABEL EQUIPMENT GROUND BUSS AND NEUTRAL BUSS.
- 5. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

BASE MOUNTED RELAY CONTROLLER



PROVIDE 1" HOLE IN ALL FENCE POST BOTTOMS TO PULL CONDUCTORS FOR BRIDGE DECK LIGHTING

FRONT VIEW

-TOP OF BRIDGE DECK

FENCE PANEL CLIPS

VERTICAL BRIDGE TRUSS_ BEYOND MC CABLE CONCEALED.
IN FENCE SUPPORT (INCLUDE AS ELECTRIC CABLE IN CONDUIT)

WEATHERPROOF BOX DRILLED & TAPPED

ELECTRICAL JUNCTION— BOX FOR BRIDGE DECK LIGHTING FIELD PAINT BLACK

DWG. NO. E3
PEDESTHAN P-P ALT #1 DWG
REF. BK.5030 PG. 1
JOB NO. 406924.1

ST

ALTON, ILLINOIS OVERPASS AT LANGDON

PEDESTRIAN

N/A SCALE: SHEET 20 OF 54