Lighting Circuits

Ground Rods

Circuit Transformer

From 1 thru 4.

F.

E.

D.

C.

B.

A.

SCHEMATIC DIAGRAM

A. Contactor (2P)
B. Line Breaker (2P)
C. Control Fuse
D. Test Switch
E. Photocell
F. Surge Protection Device

1 thru 4.

WATTHOUR METER

AS REQUIRED

1/2" x 4" long Bolts (2 required)

Possible Contract Item:

Control Cabinet

Alternate design may be submitted to the Engineer for approval.

All circuit ducts shown, including ground wire duct, are included in the estimated quantities for plastic conduit contained in the tabulations.

The estimated quantities for wire and cable contained in the tabulations include connections to the loadside terminals of the branch circuit breakers.

The No. 12, AWG grounding jumper for the photoelectric control is incidental to the length of ground wire.

1/2" x 4" long Bolts (2 required)

LAYOUT LEGEND

10 #4 (4'-7" long)

#4 (4'-7" long)

6-#4 Ties

SIDE VIEW

CONTROLLER PAD

PLAN VIEW

INSTALLATION DETAILS

SECTION A-A

ESTIMATED QUANTITIES

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reinforcing Steel</td>
<td>79.5 lbs</td>
</tr>
<tr>
<td>Structural Concrete</td>
<td>1.6 yd³</td>
</tr>
</tbody>
</table>

LI-152

STANDARD ROAD PLAN

REVISION: 10-21-14

APPROVED BY DESIGN METHODS ENGINEER

CONTROL CABINET (PAD-MOUNTED)

REVISIONS:

New. Replaces RM-36.