I. MATERIALS

A. The equipment grounding conductor shall be #8 AWG, XHHW-2, 600V copper, stranded, green jacket color and suitable for wet location.

B. Use BURNDY YC6CB8 and YC4CB CRIMPITS.

C. Use non-fused with connecting link on neutral side, Buchanan 835-EAFB1-C.

D. Use #10 AWG, XHHW green wire from luminaire to pole grounding.

II. INSTALLATION

A. Install #8 AWG green equipment grounding conductor into existing pole base in and out from existing conduits.

B. Disconnect neutral #4-5KV cables from the existing pole grounding.

C. Install the un-fused kit with connecting link on neutral side.

D. Bond the #8 AWG green equipment grounding conductor to existing pole grounding.

E. For street crossings, loop the green cable inside the 2-way pull boxes and crimp connect inside the 3-way pull boxes.

F. Install #10 AWG green wire from luminaire to pole grounding if needed.

II. BASIS OF PAYMENT

<table>
<thead>
<tr>
<th>ITEM</th>
<th>UNIT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIS-502</td>
<td>EACH</td>
<td>3 WIRE RETROFIT LIGHT POLE WITH FOUNDATION</td>
</tr>
</tbody>
</table>