GENERAL NOTES
1. Use pole plate assemblies shown here to install signs on tapered mast arms and light poles. Install one pole plate per 10 square feet of sign panel, use at least two plates for each installation,
2. Fabricate each pole plate-to-perforated tube adapter (steel plate welded to plate) using steel plate conforming to ASTM A36 and steel pipe conforming to ASTM A500. Paint these adapters in accordance with section 504 of the Standard Specifications for Highway Construction, latest edition,
3. Paint the assemblies in accordance with AASHTO standard specification M62.
4. Attach each pole plate with two bands of 3/4" wide by 0.020" thick stainless steel banding material. Double wrap each band and tighten it until the band stops moving through the hole, install bolts, nuts and washers conforming to
5. ASTM A325.

**TABLE 1**

<table>
<thead>
<tr>
<th>NO. OF POLE PLATES</th>
<th>BETWEEN POLE PLATES</th>
<th>OVERHang</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0.2W</td>
<td>0.00</td>
</tr>
<tr>
<td>1</td>
<td>0.15W</td>
<td>0.05W</td>
</tr>
<tr>
<td>2</td>
<td>0.30W</td>
<td>0.20W</td>
</tr>
<tr>
<td>3</td>
<td>0.5W</td>
<td>0.25W</td>
</tr>
<tr>
<td>4</td>
<td>0.7W</td>
<td>0.5W</td>
</tr>
</tbody>
</table>

**ELECTROLIZE SIGN MOUNTING**

(PLAN VIEW)

INSTALL SIGN LEVEL

Locate the sign centroid or the centerline of the mast arm whenever minimum clearance is met

For standalone overhead sign the minimum mounting height is 18'-6"

For traffic signal mast arm sign the minimum mounting height is 17'-6"

See Table 1 for saddle mount spacing

**S-23.00**

State of Alaska DOT&PF
ALASKA STANDARD PLAN
POLE AND MAST ARM
SIGN MOUNTING

Adopted as a Standard Sign Plan No. 242

Adopted Date: 02/25/2009

Last Code and Style Review
By: Della
Date: 02/06/2020

Next Code and Standard Review Date: 02/06/2022

Kenneth M. Fisher, P.E.
Chief Engineer