SHEET | of |

GENERAL NOTES

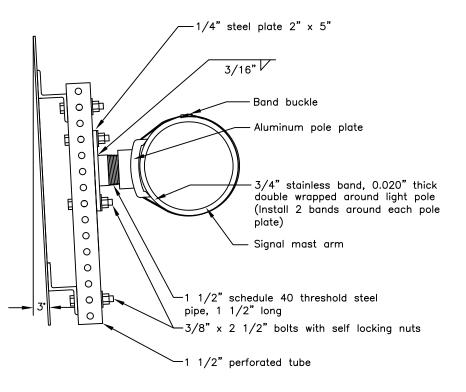
- I. Use pole plate assemblies shown here to install signs on tapered mast arms and light poles. Install one pole plate per 10 square feet of sign panel. Use at least two plates for each installation.
- 2. Fabricate each pole plate-to-perforated tube adapter (steel plate welded to pipe) using steel plate conforming to ASTM A36 and steel pipe conforming to ASTM A53. Paint these adapters in conformance with section 504 of the Standard Specifications for Highway Construction, latest edition.
- 3. Paint the assemblies in accordance with AASHTO standard specification M69.
- 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 buckle.

Install bolts, nuts and washers conforming to 5. ASTM A325.

TABLE 1 POLE PLATE SPACING NO. OF BETWEEN POLE OVERHANG POLE **OVERHANG** PLATES PLATES
 0.2W
 1 SPACE AT 0.6W 2
 0.2W

 0.15W
 SPACES AT 0.35W 3
 0.15W

 0.125W
 SPACES AT 0.25W 1
 0.125W
0.2W SPACE AT 0.6W 0.2W



SIGNAL POLE MAST ARM SIGN MOUNTING (ELEVATION VIEW)

bolts and washers miss the legend ELECTROLIER SIGN MOUNTING (PLAN VIEW)

Edge of traveled way

2" ± (Typ.)

1/4" steel plate 2" x 5"

3/16"

Band buckle

Aluminum pole plate

around each pole plate)

1 1/2" schedule 40 threshold steel pipe, 1 1/2" long

· 3/8" x 2 1/2" bolts with self locking nuts

* 3/8" x 3 1/2" galvanized bolt

* Adjust location of bracing so that

1 1/2" perforated tube

5/16" thick plate washer

3/4" stainless band, 0.020" thick double

wrapped around light pole (Install 2 bands

。臣

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0 0

0

0

0

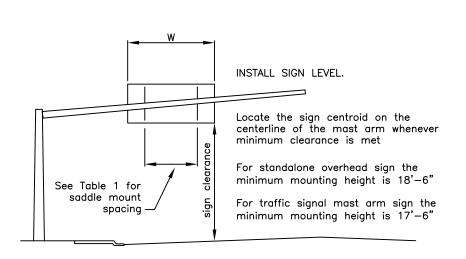
0

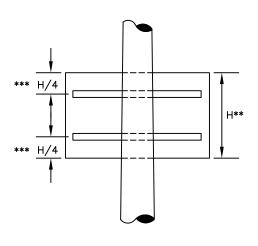
0 1

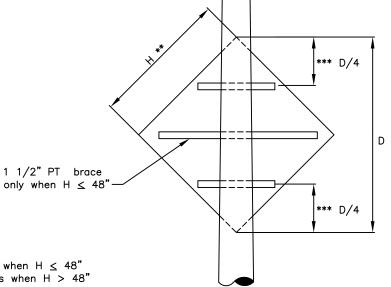
2"ø wind

Stainless steel & nylon washers

washer







** Use two pole plates when H \leq 48" use three pole plates when H > 48"

*** When sign panels features predrilled mountings holes, use them to attach the perforated tubes

State of Alaska DOT&PF ALASKA STANDARD PLAN

POLE AND MASTARM SIGN MOUNTING

Adopted as an Alaska Standard Plan by: Junul

Adoption Date: 02/08/2019

Last Code and Stds. Review

Next Code and Standards Review date: 02/08/2029