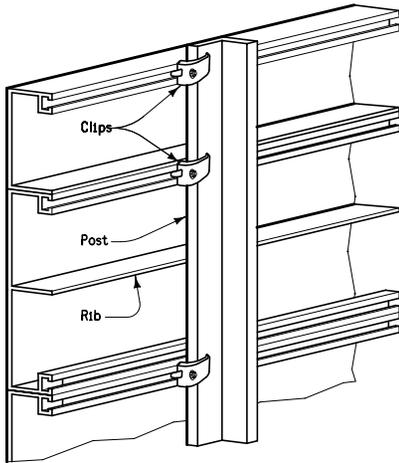


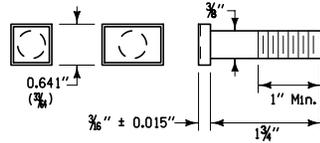
**TYPE 1 ATTACHMENT**

Type 1 Attachment shall be used for all signs placed on metal breakaway posts.

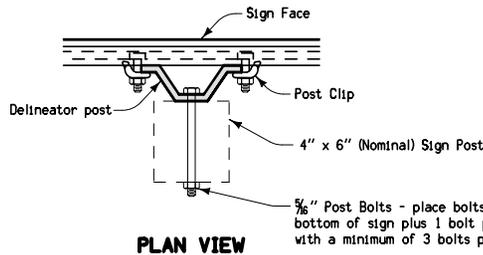


**TYPE 4 ATTACHMENT**

Type 4 Attachment shall be used for all signs mounted on overhead sign support structures.

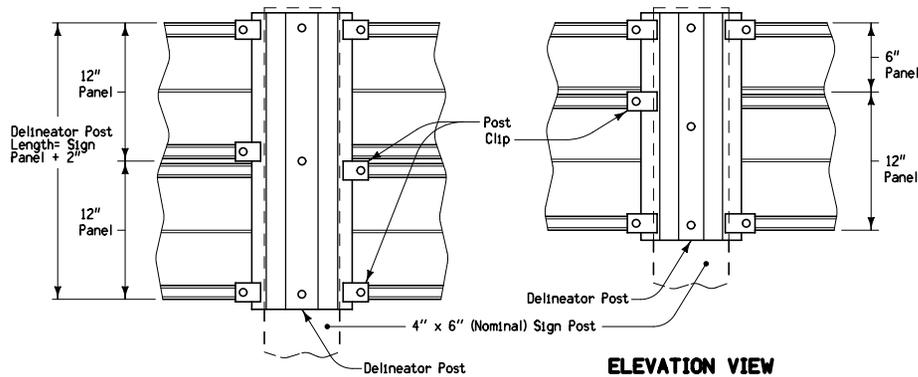


**TYPICAL CLIP BOLT**  
(Square or Rectangular Head Optional)



**PLAN VIEW**

3/8" Post Bolts - place bolts near top and bottom of sign plus 1 bolt per sign panel with a minimum of 3 bolts per post.

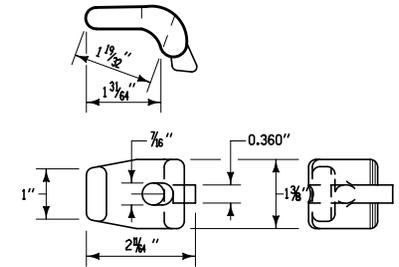


**ELEVATION VIEW**

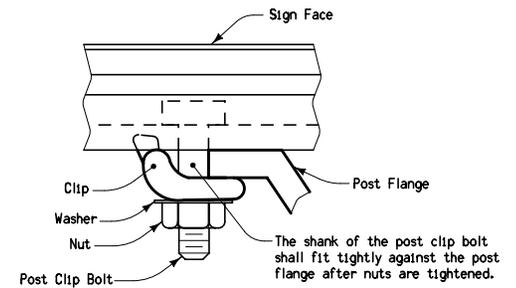
**TYPE 3 ATTACHMENT**

Type 3 Attachment shall be used for all signs with wood posts.

All bolts and hardware shall be galvanized or aluminum.



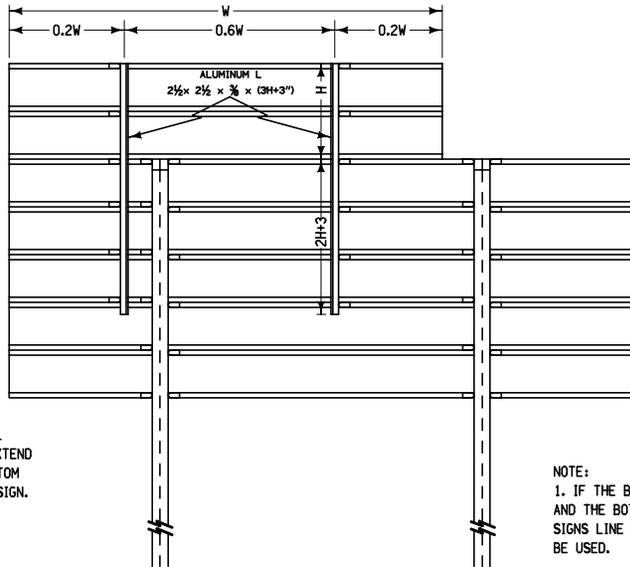
**POST CLIP**



**DETAILS OF CLIP INSTALLATION**

<p>Iowa Department of Transportation</p> <p><b>STANDARD ROAD PLAN</b></p> <p>REVISIONS: New.</p> <p><i>Deanna McFalls</i> APPROVED BY DESIGN METHODS ENGINEER</p> <p><b>SIGN INSTALLATION - TYPE 'B' SIGNS</b></p>	<p>REVISION</p> <p>NEW 04-21-09</p> <p><b>SI-132</b></p> <p>SHEET 1 of 2</p>
	<p>REVISIONS: New.</p>

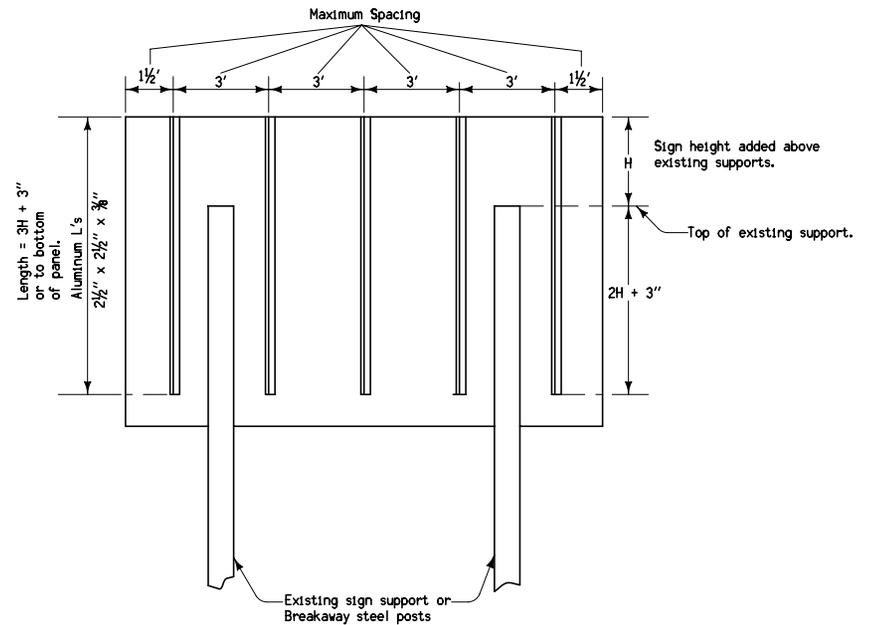
**GUIDE SIGNS**



THE ALUMINUM L SHALL NEVER EXTEND BELOW THE BOTTOM OF THE MAJOR SIGN.

NOTE:  
The EXIT NUMBER PANEL shall normally be positioned above the guide sign aligned with the edge of the guide sign indicating direction of exit.

- NOTE:
1. IF THE BOLT HOLES IN THE TOP PANEL AND THE BOTTOM PANEL OF THE TWO SIGNS LINE UP, PANEL BOLTS ARE TO BE USED.
  2. IF THE ANGLE FASTENERS CAN NOT BE HORIZONTALLY PLACED AS SHOWN, THEY CAN BE MOVED SO AS TO SECURELY HOLD THE TOP SIGN.



Notes: A post clip will be required on each angle at top of panel and each extrusion joint.

The aluminum angles are considered part of the mounting hardware and will be furnished by the contractor as an incidental item and no separate payment will be made.

 <b>Iowa Department of Transportation</b>	REVISION
	NEW 04-21-09
<b>STANDARD ROAD PLAN</b>	<b>SI-132</b>
REVISIONS: New.	SHEET 2 of 2
<i>Deanna Midfield</i> APPROVED BY DESIGN METHODS ENGINEER	
<b>SIGN INSTALLATION -          TYPE 'B' SIGNS</b>	