1. Mounting brackets with steel straps shall be a stainless steel band and buckle system product or an approved equal. Mounting brackets shall be one bolt, flared leg; steel straps shall be 3/4" (in) wide and 0.030" (in) thick.

2. Sign braces are required for sign widths of 48" (in) or greater. For sign widths of 36" (in), the sign braces are only installed when specified in the contract.

3. Sign braces are typically necessary on large sign panels that are exposed to high winds, traffic generated wind buffeting, or when snow thrown from plows might impact the sign.

4. A nylon washer shall be placed between the sign and the steel washer when the sign face has Type III, IV, VIII or IX sheeting.

5. Signs 48" (in) or greater can be pinned together, back to back.

6. For signs installed back to back on a single post, no bracing is required.
**SIGN BRACE DIMENSIONS**

<table>
<thead>
<tr>
<th>SIGN TYPE</th>
<th>YIELD WIDTH</th>
<th>DIAMOND-SHAPED WIDTH</th>
<th>OTHERS WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1/3</td>
<td>3 1/4</td>
<td>1/2</td>
</tr>
<tr>
<td></td>
<td>1/2</td>
<td>2 1/4</td>
<td>1</td>
</tr>
</tbody>
</table>

**SIGN POST TYPE**

<table>
<thead>
<tr>
<th>POST TYPE</th>
<th>SIGN WIDTH</th>
<th>TOP BRACE</th>
<th>SIDE BRACE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4x6 OR 6x8</td>
<td>36&quot; OR GREATER</td>
<td>30&quot; OR GREATER</td>
<td>1/2&quot; SIGN WIDTH - 1 3/4&quot;</td>
</tr>
<tr>
<td>8x8</td>
<td>30&quot; OR GREATER</td>
<td>30&quot; OR GREATER</td>
<td>1/2&quot; SIGN WIDTH - 2 1/4&quot;</td>
</tr>
<tr>
<td>3&quot; DIAM. STEEL PIPE</td>
<td>2 1/2&quot; SIGN WIDTH - 3/4&quot;</td>
<td>2 1/2&quot; SIGN WIDTH - 1&quot;</td>
<td></td>
</tr>
<tr>
<td>2 1/2&quot; SQUARE TUBE</td>
<td>2 1/2&quot; SIGN WIDTH - 1&quot;</td>
<td>2 1/2&quot; SIGN WIDTH - 1&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE**

1. For sign installations on round steel posts, see Standard Plan G-30.10, sheet 2 of 2.

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**SIGN BRACE DETAIL**

- **TOP**
  - 2" (IN) GALV. STEEL OR S.S. STRAP
  - 1/2" (IN) DIAM. HOLE
- **SIDE**
  - 5 1/2" (IN) DIAM. x 1" LONG SLOT (TYP.)
  - 1/2" (IN) DIAM. HOLE

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**NO PASSING ZONE SIGN BRACE DETAIL**

- **TOP**
  - 2" (IN) GALV. STEEL OR S.S. STRAP
  - 1/2" (IN) DIAM. HOLE
- **SIDE**
  - 5 1/2" (IN) DIAM. x 1" (IN) LONG SLOT (TYP.)

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**SIGN BRACING**

**STANDARD PLAN G-50.10-02**

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**SIGN BRACE PLACEMENT**