**FUSE PLATE ASSEMBLY**

- **High Strength Nut (4 per Fuse Plate)**
- **High Strength Washer (8 per Fuse Plate)**
- **High Strength Nut (4 per Splice Plate)**
- **High Strength Washer (8 per Splice Plate)**

At time of final construction, center punch to burr threads to prevent nut from loosening.

**FUSE AND SPLICE PLATE DATA**

<table>
<thead>
<tr>
<th>Post Size</th>
<th>Dia.</th>
<th>F1</th>
<th>F2</th>
<th>F3</th>
<th>F4</th>
<th>S1</th>
<th>S2</th>
<th>S3</th>
<th>S4</th>
<th>S5</th>
<th>S6</th>
<th>S7</th>
<th>S8</th>
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<tbody>
<tr>
<td>W6x12</td>
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<tr>
<td>W8x12</td>
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Possible Contract Item: Steel Breakaway Sign Post for Type A or B Signs

Plumb signpost by installing brass stock or strip shims complying with ASTM B36. Furnish two shims each of 0.012" and 0.032" thickness (total of 4 per post).

1. Not for single post installations.
2. Refer to Standard Road Plan SI-112 for footing information.
Grind smooth all welds and galvanizing between Base post plate as indicated herein.

holes and notches in the stub post plate and the sign post and stub post. Properly match and align the bolt Alternate 2 - Weld base plate (1 each) to end of sign post.

Alternate 1 - Weld base plates (2 each), to sides of equivalent:

The following Base Plate alternates are considered equivalent:

Alternate 1 - Weld base plates (2 each), to sides of sign post and stub post. Properly match and align the bolt holes and notches in the stub post plate and the sign post plate as indicated herein.

Grind smooth all welds and galvanizing between Base Plates.

**SHIM**

**BREAKAWAY BASE DATA**

<table>
<thead>
<tr>
<th>Post Size</th>
<th>Bolt Size</th>
<th>Torque</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
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<tr>
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<td>3/8-12</td>
<td>27.50 ft-lb</td>
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<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
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<tr>
<td>W 6 x 21</td>
<td>3/8-12</td>
<td>42.50 ft-lb</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
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