**BEARING PLATE DETAIL**

**TABLE**

<table>
<thead>
<tr>
<th>Assembly Type</th>
<th>Location</th>
<th>Beam Size</th>
<th>Bearing Pad Size</th>
<th>Shape Factor</th>
<th>Bearing Plate Size</th>
<th>Assembly Height</th>
<th>Restraint Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>...RB, ...M, MN...</td>
<td>12 24 1/2</td>
<td>8.0</td>
<td>14&quot; 26&quot;</td>
<td>A-1</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>...MH</td>
<td>12 30 1/2</td>
<td>8.6</td>
<td>14&quot; 32&quot;</td>
<td>A-3</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**NOTES:**

- PROVIDE ELASTOMERIC MATERIALS AND PAD CONSTRUCTION IN ACCORDANCE WITH SPEC. 3741.
- PROVIDE STEEL PLATES IN ACCORDANCE WITH SPEC. 3306.
- PROVIDE PINTLES IN ACCORDANCE WITH SPEC. 3309.
- GALVANIZE STRUCTURAL STEEL BEARING ASSEMBLY AFTER FABRICATION IN ACCORDANCE WITH SPEC. 3394.
- PAYMENT FOR TAPERED BEARING PLATE ASSEMBLY INCLUDES ALL MATERIAL ON THIS DETAIL.

**DESIGN DATA:**

MAX. FACTORED SHEAR RESISTANCE: 50.3 KIPS PER 1/2" DIA. PINTLE

**STATE OF MINNESOTA**

DEPARTMENT OF TRANSPORTATION

REVISION 10-22-2019

DETAIL NO. B309

TAPERED BEARING PLATE ASSEMBLY

(For integral abutments or piers with continuity diaphragms)