**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>CURVED PLATE SIZE</th>
<th>ANCHOR ROD OFFSET</th>
<th>ASSY. HEIGHT</th>
<th>RESTRAINT PATTERN</th>
</tr>
</thead>
<tbody>
<tr>
<td>RB, M, MN...</td>
<td>A B D</td>
<td>C E F</td>
<td>G H J R①</td>
<td>M L</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>...</td>
<td>12&quot; 24&quot; ½&quot;</td>
<td>14&quot;</td>
<td>½&quot;</td>
<td>1½&quot;</td>
<td>1½&quot;</td>
<td>26&quot;</td>
<td>½&quot;</td>
<td>3½&quot;</td>
<td>A-1</td>
</tr>
<tr>
<td>...</td>
<td>16&quot; 36&quot; ½&quot;</td>
<td>18&quot;</td>
<td>½&quot;</td>
<td>1½&quot;</td>
<td>1½&quot;</td>
<td>38&quot;</td>
<td>½&quot;</td>
<td>3½&quot;</td>
<td>A-2</td>
</tr>
<tr>
<td>...</td>
<td>12&quot; 30&quot; ½&quot;</td>
<td>14&quot;</td>
<td>½&quot;</td>
<td>1½&quot;</td>
<td>1½&quot;</td>
<td>32&quot;</td>
<td>½&quot;</td>
<td>3½&quot;</td>
<td>A-3</td>
</tr>
</tbody>
</table>

**NOTES:**

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

① THE MIN. RADIUS IS 16" UNLESS OTHERWISE SPECIFIED IN THE TABLE.
② THE MAX. RADIUS IS 24". FINISH TO 250 MICRO. THE FINISHED THICKNESS OF THE PLATE MAY BE ½" LESS THAN SHOWN.
③ REFER TO BEARING PAD RESTRAINT B-Detail FOR ADDITIONAL INFORMATION AND DETAILS.

**DESIGN DATA:**

- MAX. FACTORED SHEAR RESISTANCE:
  - 50.3 KIPS PER 1½" DIA. PINTLE
  - 36.2 KIPS PER 1½" DIA. ANCHOR ROD

**APPROVED:** DECEMBER 20, 2018

**STATE BRIDGE ENGINEER**

**STATE OF MINNESOTA**

**DEPARTMENT OF TRANSPORTATION**

**CURVED PLATE BEARING ASSEMBLY**

(PRESTRESSED CONCRETE BEAMS) (FIXED)

**REVISED** 10-22-2019