**GROUT PAD DETAIL**

- Half" recess at centerline of girder along pier.
- 3/4" chamfer (typ.) along pier.
- Girder not shown for clarity.

**GROUT PAD ELEVATION**

- 3/4" gap between elastomeric stop pad and girder.
- 3/4" chamfer (typ.) along pier.
- 3/4" from face of girder to face of girder stop (typ.).

**NOTES:**

1. Girder stops shall be constructed after girder placement.
2. The elastomeric stop pads shall be cemented to girder stops with approved adhesive.

**SECTION A**

**SECTION B**

**ELASTOMERIC BEARING PAD**

- Laminated elastomeric bearing pad (typ).
- Skew angle shown at 30°.

- The edge of the bearing pad shall be set at 1" from the edge of the girder.

**ELASTOMERIC STOP PAD**

- Shear modulus = 165 PSI.

**BEARING DESIGN TABLE**

<table>
<thead>
<tr>
<th>Service</th>
<th>Limit State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dead Load (PL) Reaction</td>
<td>Kips</td>
</tr>
<tr>
<td>Live Load Reaction (w/o Impact)</td>
<td>Kips</td>
</tr>
<tr>
<td>Unloaded Height</td>
<td>In</td>
</tr>
<tr>
<td>Loaded Height (PL)</td>
<td>In</td>
</tr>
<tr>
<td>Shear Modulus</td>
<td>Kips/In</td>
</tr>
</tbody>
</table>

**Bridge and Structures Office**

Washington State Department of Transportation

TRAPEZOIDAL TUB GIRDER BEARING DETAILS