### BEARING DATA TABLE

<table>
<thead>
<tr>
<th>Location</th>
<th>Foundation</th>
<th>Service limit state</th>
<th>Transverse</th>
<th>Longitudinal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design load</td>
<td>N/A</td>
<td>Service limit state</td>
<td>Transverse</td>
<td>Longitudinal</td>
</tr>
<tr>
<td>Load (kip)</td>
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<td>Longitudinal</td>
</tr>
<tr>
<td>Stress limit state</td>
<td>Vertical</td>
<td>Service limit state</td>
<td>Transverse</td>
<td>Longitudinal</td>
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### TRANSVERSE MOVEMENT

- **Sole Plate**
  - **Movement (3)**
    - One Way Whit Longitudinal
  - **Rotation (rad.)**
  - **Clearance (4)**

### LONGITUDINAL MOVEMENT

- **Sole Plate**
  - **Movement (3)**
    - One Way Whit Longitudinal
  - **Rotation (rad.)**
  - **Clearance (4)**

### POT BEARING PLAN

<table>
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### POT BEARING PAD ASSEMBLY

- **Anchor Bolt Well**
  - to be sized by contractor and coordinated with anchor bolt requirements of pot bearing manufacturer.
  - The cost of the well shall be included in the cost of the pot bearing device.

### SWEDE ANCHOR BOLT DETAILS

- **Notes:**
  - T/2 is diameter of T1.
  - (3) One way longitudinal movement is the maximum one way movement (expansion or contraction) of the superstructure when bearings are set at 70 degrees F plus 1" tolerance.
  - (4) Thin sections and curved structures provisions shall be made for limited lateral movement.

### STANDARD DRAWING GUIDANCE (DO NOT SHOW ON PLANS):

1. Note to detailer, minimum of three stiffeners centered above bearing.

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**GENERAL NOTES:**

- The bearing design shall conform to the provisions of the last edition of AASHTO LRFD Bridge Design Specifications.
- The contractor, in coordination with the pot bearing manufacturer, shall be responsible for sizing the sole plate and masonry plate and determining all anchor bolt requirements of the pot bearing manufacturer. The cost of the sole plate and masonry plate shall be included in the cost of the pot bearing device.
- The specifications shall be final and non-revocable, and shall be submitted by the manufacturer to the engineer for approval.

**POT BEARING PLAN**

- **POT BEARING PAD ASSEMBLY**
  - Indicated parts designed by the manufacturer.

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**BEARING DATA TABLE**

- **Location:**
  - Foundation
  - Design load
  - Load (kip)
  - Stress limit state
  - Stress limit state

**DETAIL OF 3/4" THRU 1" OPTIMAL DETAIL OF 1 3/8" THRU 1 1/2" ANCHOR BOLTS**

1. **Swell Anchor Bolt Details**
   - 1" for 3/4" thru 1/2" anchor bolts
   - 1 1/2" for 1 3/8" thru 1 1/2" anchor bolts

2. **Note:**
   - T/2 is diameter of T1.

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**SPECIAL INSTRUCTIONS**

- The bearing devices, sole plates, masonry plates, anchor bolts, washers, and any other appurtenances included in the fabrication shall be fabricated and shipped to the location indicated in the Bearing Data Table.
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