<table>
<thead>
<tr>
<th>CELL / MODEL NAME</th>
<th>DESCRIPTION</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-2E-1</td>
<td>Type I elastomeric bearing</td>
<td>11/22/2016</td>
</tr>
<tr>
<td>I-2E-2</td>
<td>Type II elastomeric bearing</td>
<td>11/22/2016</td>
</tr>
<tr>
<td>I-2E-3</td>
<td>Type III elastomeric bearing</td>
<td>11/22/2016</td>
</tr>
</tbody>
</table>
Assembly Type I
Elastomeric Bearing

BILL OF MATERIAL

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bearing Assembly</td>
<td>Each</td>
<td></td>
</tr>
</tbody>
</table>
**ELEVATION AT ABUT**

**TYPE II ELASTOMERIC EXP. BRG.**

- **TOP BEARING ASSEMBLY**
  - 1/2" threaded studs with washers & max. nut (4 Req'd.)
  - 1/2" Stainless Steel

- **PLAN-PTFE SURFACE**
  - 1/2" PTFE sheet with dimpled, unlubricated surface
  - Layers of "Steel Plates"
  - Bonded

- **BOTTOM BEARING ASSEMBLY**
  - 1/2" Stainless Steel
  - Holes in bottom flange

- **SIDE RETAINER**
  - Equivalent rolled angle with stiffeners

**EXPANSION BEARING ORIENTATION**

The above diagrams are for informational purposes only to show the amount of expected offset "D" for the current temperature in the field.

**BILL OF MATERIAL**

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Brg.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bottom Brg.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anch. Bolt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Washers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTFE Board</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Structural Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>PTFE dimpled, unlubricated</em></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

- Anchor bolts shall be ASTM F1554 all-thread for an Engineer-approved alternate material of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
- Anchor bolts and side retainers at all supports shall be installed as each member is erected unless an equivalent temporary means of lateral restraint is used. They shall be stressed for stability during erection and remain stressed until deck is poured and cured.
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**EXPANSION BEARING ORIENTATION**

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EXPANSION BEARING ORIENTATION

BELOW 50° F.

D = "D" per each 100' of expansion for every 15° temp. change from the normal temp. of 50° F.

ABOVE 50° F.

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