NOTES:

1. FACTORED LIVE LOAD (LL) ROTATION OR 0.02 RADIANS WHOEVER IS GREATER.

2. THE SOLE PLATE IS INCLUDED IN THE POT BEARING ASSEMBLY QUANTITY. 1/2" MIN. THICKNESS IS REQUIRED, TAPER SOLE PLATE TO FINISHED GRADE INCLUDING TRANSVERSE TAPER FOR SKewed BRIDGES.

3. POT BEARING MANUFACTURER TO DETERMINE THE FINAL DIMENSIONS AND NUMBER OF ALL BEARING COMPONENTS INCLUDING PISTON, POT, MASONRY PLATE, SOLE PLATE, THREAD FASTENERS, BOLTED FLANGE CONNECTIONS, PINTLES AND OVERALL HEIGHT, AND COORDINATE SHARING THIS INFORMATION WITH THE BEAM FABRICATOR AND CONTRACTOR. MINIMUM PINTLE SIZE IS 1 3/8 DIAMETER.

4. FACTORED HORIZONTAL RESISTANCE IS A MINIMUM OF 10% OF THE STRENGTH LIMIT STATE VERTICAL LOAD UNLESS STATED OTHERWISE.

5. SEE FRAMING PLAN

6. ***"H"" DENOTES OFFSET AS SHOWN.

Designer Note (Remove Designer Note Prior to Plotting Final Plans):

two 1 1/2" DIAMETER ANCHOR RODS HAVE A FACTORED HORIZONTAL RESISTANCE OF 95 KIPS. DESIGNER SHALL INCREASE DIAMETER, NUMBER OF RODS OR BOTH WHEN NEEDED.

When specifying offset dimension "M", consider the size and proximity of the diaphragm and longitudinal pier reinforcement to allow adequate room for installation of anchor rods.

BEARING ASSEMBLY TABLE

<table>
<thead>
<tr>
<th>ASSEMBLY TYPE</th>
<th>LOCATION</th>
<th>FACTORED LL ROTATION (RAD)</th>
<th>TOTAL MOVEMENT (INCHES)</th>
<th>MASONRY PLATE (IN)</th>
<th>ANCHOR ROD OFFSET</th>
<th>BOTTOM FLANGE WIDTH</th>
<th>DESIGN LOADS (KIPS)</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>TRANSVERSE</td>
<td>LONGITUDINAL</td>
<td>A</td>
<td>B</td>
<td>+/- (C)</td>
<td>M</td>
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Approved: September 18, 2007

State of Minnesota
Department of Transportation

POT BEARING ASSEMBLY
(Steel Beams)
(NON-GUIDED EXPANSION)

Revision: 12-17-2008
11-03-2015

Detail No. B315

State Bridge Engineer