FIT
PRESS

BEARING SEAT
PLATE "C"
PLATE "B"
PLATE "A"
BEARING PLATE FOR HANDLING
1½" DIA. PINTLE
ANCHOR ROD

STAINLESS STEEL PLATE WELD TO PLATE "A".
PTFE COATED STEEL GUIDE KEY
PLATE "A"
PRESS FIT

PLAN

SECTION Y-Y

(ALL PLATES & MATERIALS BELOW PLATE "A" NOT SHOWN)

SECTION X-X

NOTES:
PROVIDE MATERIALS, DESIGN AND FABRICATION IN ACCORDANCE WITH SPECIAL PROVISIONS.

PROVIDE STEEL PLATES AND PINTLES IN ACCORDANCE WITH SPEC. 3309.

GALVANIZE PLATES "A", "D" AND PINTLES IN ACCORDANCE WITH SPEC. 3394.

MELTIZED PLATES "B" & "C" IN ACCORDANCE WITH SPEC. 2471.3.L.2.

PROVIDE ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385, TYPE B.
GALVANIZE IN ACCORDANCE WITH SPEC. 3392.

PERFORM SHIMMING UNDER PLATE "D" WITH FABRIC PADS PER AASHTO LRFD BRIDGE CONSTRUCTION SPEC. SECTION 18.10.

MANUFACTURER TO SUBMIT ANY BEARING ASSEMBLY DIMENSIONS, DETAILS OR MATERIALS NOT SHOWN TO THE ENGINEER FOR APPROVAL. SHIP UPPER AND LOWER COMPONENTS TOGETHER AS A COMPLETE ASSEMBLY.

ALL MATERIAL SHOWN IS INCLUDED IN THE PRICE BID FOR EACH BEARING ASSEMBLY, EXCEPT AS NOTED.

1. MINIMUM ROTATION OF .02 RADIANS
2. MARK Ø OF BRG. PLATES "A" AND "B" TO FACILITATE PLACEMENT.
3. ALLOW L DIMENSION IF PLATE IS TAPERED.

BEARING ASSEMBLY DIMENSIONS

<table>
<thead>
<tr>
<th>ASSEMBLY TYPE</th>
<th>ROTATION</th>
<th>TOTAL LOAD (KIPS)</th>
<th>TOTAL MOVEMENT (INCHES)</th>
<th>PLATE &quot;A&quot; (DIA.)</th>
<th>PLATE &quot;B&quot; (DIAMETER)</th>
<th>PLATE &quot;C&quot; (MAXIMUM)</th>
<th>DIMENSION &quot;L&quot;</th>
<th>DIMENSION &quot;H&quot;</th>
<th>DIMENSION &quot;N&quot;</th>
</tr>
</thead>
</table>

DIMENSION "N" = BOTTOM FLANGE WIDTH OF BEAMS MINUS 1½"

DESIGN DATA:
MAXIMUM HORIZONTAL LOAD IS 70 KIPS FOR 1½" PINTLES.

APPROVED: NOVEMBER 22, 2002

STATE BRIDGE ENGINEER

STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION

POT TYPE BEARING ASSEMBLY
(PRESTRESSED CONCRETE BEAMS)
(GUIDED EXPANSION)

REVISION
11-03-2015
02-27-2019
12-02-2020

DETAIL NO. B312