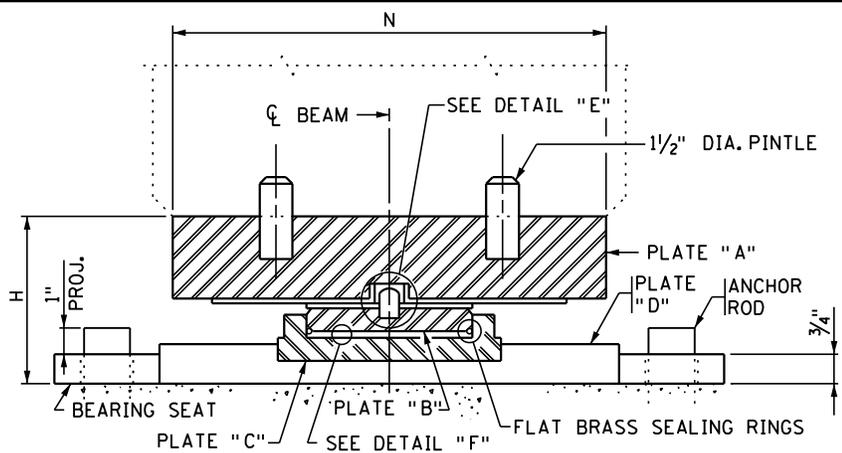
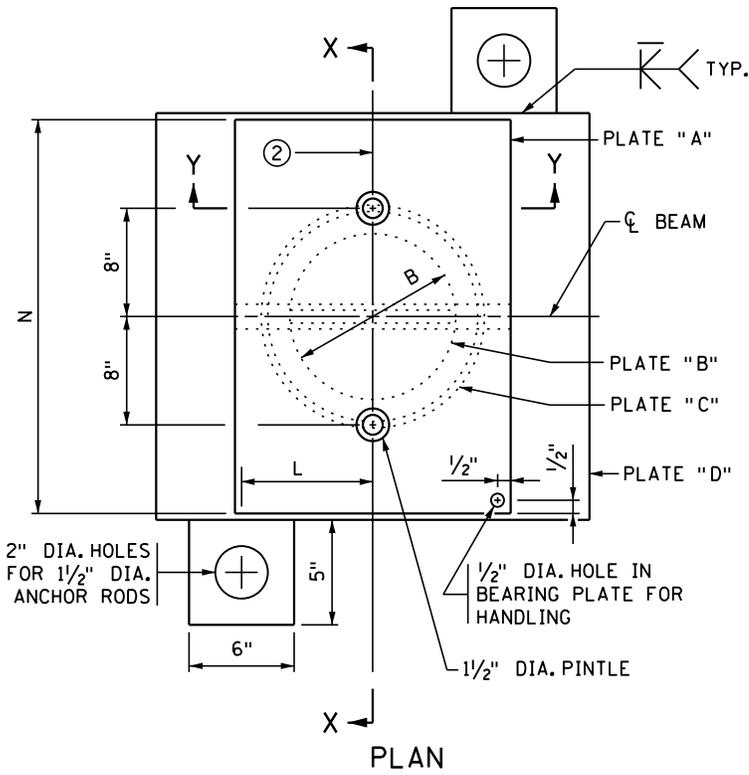


SECTION Y-Y

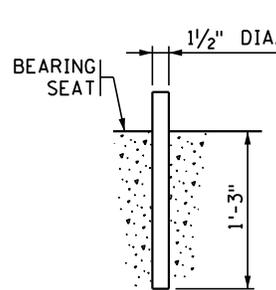
(ALL PLATES & MATERIALS BELOW PLATE "A" NOT SHOWN)



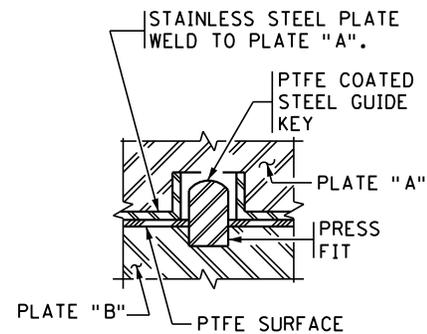
SECTION X-X



PLAN



ANCHOR ROD DETAIL

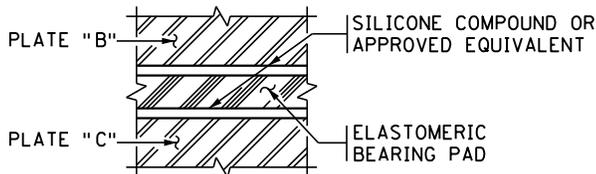


DETAIL "E"

NOTES:

- PROVIDE MATERIALS, DESIGN AND FABRICATION PER SPECIAL PROVISIONS.
- PROVIDE STEEL PLATES AND PINTLES PER SPEC. 3309.
- GALVANIZE PLATES "A", "D" AND PINTLES PER SPEC. 3394.
- METALIZE PLATES "B" & "C" PER SPEC. 2471.3.L.2.
- PROVIDE ANCHOR RODS PER SPEC. 3385, TYPE B. GALVANIZE PER 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 ϕ OF BRG. PLATES "A" AND "B" TO FACILITATE PLACEMENT.
- ③ HEIGHT IS MINIMUM DIMENSION IF PLATE IS TAPERED.



DETAIL "F"

BEARING ASSEMBLY DIMENSIONS

ASSEMBLY TYPE	ROTATION ①	TOTAL LOAD (KIPS)	TOTAL MOVEMENT (INCHES)	PLATE "A" ③	PLATE "B" (DIA.)	PLATE "C" (DIAMETER)	PLATE "D" (MAXIMUM)	DIMENSION "L"	DIMENSION "H"	DIMENSION "N"

DIMENSION "N" = BOTTOM FLANGE WIDTH OF BEAMS MINUS 1/2"

DESIGN DATA:

MAXIMUM HORIZONTAL LOAD IS 70 KIPS FOR 1/2" PINTLES.

APPROVED: NOVEMBER 22, 2002

Daniel J. Morgan
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

DETAIL NO.

B312