



(*) – WELDS SHALL TERMINATE $\frac{1}{4}$ " FROM EDGE OF PLATE, MASKING AND TOUCH-UP PER STANDARD SPECIFICATIONS.

NOTES:

1. STAINLESS STEEL MATING SURFACE SHALL BE TYPE 304 CONFORMING TO ASTM A 167/A 240 WITH A SURFACE FINISH OF 8 MICRO-INCHES RMS OR BETTER. IT SHALL BE WELDED WITH AN ALL-AROUND WELD TO THE SOLE PLATE SO THAT IT REMAINS FLAT AND IN FULL CONTACT WITH THE SOLE PLATE.
2. STAINLESS STEEL MATING SURFACE SHALL BE PROTECTED FROM SCRATCHES, GOUGES OR OTHER DAMAGE DURING SHIPMENT AND STORAGE.
3. THE SOLE PLATE ASSEMBLY SHALL BE METALIZED, EXCEPT FOR THE STAINLESS STEEL MATING SURFACE AND FOR 1" WIDE STRIPS, WHERE THE SOLE PLATE SHALL BE WELDED TO THE FLANGE. AFTER WELDING, APPLY A GALVANIZING REPAIR PAINT (M7.04.11) WITH A MINIMUM DRY FILM THICKNESS OF 3 MILLS TO THESE STRIPS. THE RETAINER PLATE SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH AASHTO M 111.
4. STEEL SOLE AND RETAINER PLATES SHALL CONFORM TO AASHTO M 270 GRADE 36.
5. MOLDED FABRIC BEARING PAD SHALL CONFORM TO M9.16.2 AND SHALL BE CUT TO THE SAME SHAPE AS THE RETAINER PLATE. ELASTOMERIC BEARING PAD MUST SIT ON CONCRETE AND NOT ON FABRIC PAD.
6. BOLTS, PLATE WASHERS AND NUTS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH AASHTO M 232.

SECTION 2

SCALE: 1" = 1'-0"

NOTE:

Modify sole and retainer plates as required by Dwg's No. 8.3.7 and 8.3.8, and provide details, as shown on Dwg. No's. 8.3.2 and 8.3.6, respectively.



LRFD BRIDGE
MANUAL, PART II

BEARING WITHOUT ANCHOR BOLTS – SECTION

SLIDING BEARINGS – STEEL BEAMS

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