

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 PLATE, SHEAR PLATES AND RETAINER PLATE 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. ANCHOR BOLTS, NUTS, AND WASHERS SHALL CONFORM TO ASTM F 1554 GRADE 105 AND SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH AASHTO M 232.

BEARING INSTALLATION NOTES:

1. INSTALL RETAINER PLATE AND ELASTOMERIC BEARING PAD.
2. POSITION SOLE PLATE ASSEMBLY ON ELASTOMERIC BEARING PAD SO THAT THE SOLE PLATE IS CENTERED ON ANCHOR BOLTS @ 50 °F. ADJUST THE SOLE PLATE FOR ACTUAL AMBIENT TEMPERATURE AT BEAM ERECTION AS FOLLOWS: FOR EVERY 10 °F ABOVE/BELOW 50 °F MOVE SOLE PLATE X" (*Designer to calculate and specify*) TOWARD/AWAY FROM FACE OF ABUTMENT OR PIER.
3. ERECT BEAM TAKING CARE NOT TO DISLODGE SOLE PLATE.
4. AFTER BEAM HAS BEEN ERECTED, WELD SOLE PLATE TO THE BEAM BOTTOM FLANGE.



LRFD BRIDGE
MANUAL, PART II

CONSTRUCTION NOTES AND BEARING INSTALLATION NOTES

SLIDING BEARINGS – STEEL BEAMS

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