TYPICAL HINGE DETAIL FOR WATERTIGHT EXPANSION DEVICE

HANGER PLATES NOT SHOWN

HANGER PLATE DETAIL

HANGER PLATE DETAIL

NOTES

1. HANGER PLATES SHALL BE COATED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 6.4.2 AND ASTM A276. PINS TO BE FINISHED ANSI 63.

2. THE HOLE DIAMETER SHALL BE NOT LESS THAN THE PIN DIAMETER.

3. NON-METALLIC WASHERS SHALL HAVE AN INSIDE DIAMETER OF BETWEEN 0.005" AND 0.010" LARGER THAN THE PIN DIAMETER.

4. NON-METALLIC WASHERS SHALL HAVE AN INSIDE HOLES OF HANGER PLATES SHALL BE COATED WITH "BLOXIDE" OR AN APPROVED EQUAL AFTER FINISHING. THE BUSHINGS SHALL HAVE A PRESS FIT INTO HANGER PLATES. THE INSIDE DIAMETER OF THE BUSHING SHALL PROVIDE A CLEARANCE OF 0.005" MINIMUM AND 0.010" MAXIMUM OVER THE FINISHED DIAMETER OF THE PIN. NOTE THAT THE HOLE DIAMETERS SHALL BE DETERMINED BY THE BUSHING SITE AT LEAST 0.010" SMALLER THAN THE BUSHING OD.

5. REMOVE EXISTING HANGER PLATES, PINS, AND WIND TRANSFER PLATES AND REPLACE WITH NEW MATERIALS.

6. ALL MATERIAL AND WORK INVOLVED SHALL BE PAID FOR UNDER "HINGE REPLACEMENT".

MATERIAL:

1. PHENOLIC, CANVAS REINFORCED, MIL-P-15035

2. POLYETHYLENE, HIGH DENSITY, ASTM D4976, CLASS 3

3. ACETAL, FEDERAL SPECIFICATION L-P-392

4. TEFLON TFE, MIL-P-22241A

NOTES:

- HANGER PLATES TO BE FINISHED ANSI 125.
- CONTRACTOR TO CONTACT ENGINEER IF CORROSION UNDER "HINGE REPLACEMENT".
- ALL MATERIAL AND WORK INVOLVED SHALL BE PAID FOR UNDER "HINGE REPLACEMENT".
-呼び出し元: 40.09 7-15 Bill Oliva