NOT TO SCALE

TYPICAL SECTION - TYPE A1
TYPICAL SECTION - TYPE A2
TYPICAL SECTION - TYPE B1
TYPICAL SECTION - TYPE B2
TYPICAL SECTION - TYPE C1
TYPICAL SECTION - TYPE C2

NOTES:

1. ALL LAMINATED BEARING PAD SHALL BE OF 60 DUROMETER (HARDNESS) ELASTOMER. STEEL LAMINATE SHALL CONFORM TO ASTM A36, GRADE 36 OR BETTER.

2. LAMINATED BEARINGS SHALL BE SUBJECT TO TESTING REQUIREMENTS IN ACCORDANCE WITH AASHTO LRFD CONSTRUCTION SPECIFICATIONS.

3. PRIOR TO SHIPMENT, LAMINATED BEARING ASSEMBLIES SHALL BE FULLY ASSEMBLED, BLOCKED AND SECURED INTO POSITION AND MARKED WITH A WATERPROOFING COATING. THE BEARING ASSEMBLY SHALL NOT BE UNWRAPPED UNTIL THE COMPONENTS ARE READY TO BE SET INTO THEIR FINAL POSITION.

4. BRIDGE SEATS ON WHICH BEARING PADS WILL BE MOUNTED SHALL BE FINISHED TO A TRUE LEVEL PLAN. THE EXACT REQUIRED ELEVATION OF FULL CONTACT IS NOT REQUIRED AFTER THE SEAT IS replaced. FIELD ADJUSTMENTS OR MODIFICATIONS SHALL BE MADE BY THE CONTRACTOR TO ENSURE FULL CONTACT SUBJECT TO THE APPROVAL OF THE ENGINEER.

5. EPOXY GRIT COATING SHALL BE APPLIED TO ALL STEEL SURFACES CONTACTING THE BEARING PAD AND EXTEND ½" IN ALL DIRECTIONS. THE EPOXY GRIT SHALL BE INSTALLED IN ACCORDANCE WITH THE EPOXY MANUFACTURER'S RECOMMENDATIONS. ALLOW THE EPOXY TO FULLY CURE THE MINIMUM TIME RECOMMENDED BY THE MANUFACTURER PRIOR TO INSTALLATION. EPOXY GRIT SHALL MEET THE REQUIREMENTS OF SSPC AB1 ABRASIVE SPECIFICATIONS #1 -スHARPLAN, TYPE 2 OR BETTER.

6. EPOXY (CONTRACTOR) AND WELDING (CONTRACTOR) SHALL INCLUDE THE BEARING LOCATION AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND SHALL INCLUDE THE BEARING LOCATION AND DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND SHALL INCLUDE THE BEARING LOCATION AND A DIRECTION ARROW THAT POINTS UP-STATION.

7. ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPMENT. THE MARKS SHALL BE MADE TO ENSURE THE PAD NOT BE DISPLACED BY TEMPERATURES GREATER THAN 250° F. ANY DAMAGE TO THE PAD DUE TO WELDING WILL BE CAUSE FOR REJECTION.

8. ALL DESIGN PARAMETERS REQUIRED WITHIN THE LAMINATED BEARING PAD CONTROL DIMENSIONS TABLE SHALL BE FACTORED (SERVICE LIMIT STATE) AND INCLUDE MARGIN.

9. A STATIC COEFFICIENT OF FRICTION OF 0.20 SHALL BE USED IN THE DESIGN. OTHER LAMINATED BEARINGS ARE NOT RECOMMENDED FOR USE WHERE CONSTRUCTION BEYOND THE PAD'S LIMITS. THE EPOXY GRIT SHALL BE INSTALLED IN ACCORDANCE WITH THE EPOXY MANUFACTURER'S DIRECTIONS BEYOND THE PAD'S LIMITS. WELDING WHILE THE LAMINATED BEARING PAD IS IN CONTACT WITH THE EPOXY WOULD RESULT IN THE EPOXY WAVING. TEMPERATURE MACHINES WAVE ANY OTHER DETAIL, MEAN SHALL BE USED TO ENSURE THE PAD NOT BE DISPLACED BY TEMPERATURES GREATER THAN 250° F. ADDITIVE TO THE PAD DUE TO WELDING ALL THE CAUSE FOR REJECTION.

10. ALL BEARINGS SHALL BE WRAPPED WITH A WATERPROOFING COVERING. THE BEARING ASSEMBLY SHALL NOT BE UNWRAPPED UNTIL THE BEARING COMPONENTS ARE FULLY ASSEMBLED, BLOCKED AND SECURED INTO POSITION, AND READY TO BE SET INTO THEIR FINAL POSITION.

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