TURNOUT FROG BONDING

NOTES:

1. BONDS BETWEEN RAILS AT A, B, C, D SMALL BE APPLIED TO RAIL WEB
2. TURNOUTS SHALL BE DOUBLE BONDED USING ONE WEB TYPE BOND AND ONE RAILHEAD BOND, WITH THE EXCEPTION TO JOINTS MARKED WITH AN "X", WHICH ONLY REQUIRE RAILHEAD BOND WHEN TURNOUT TERMINATES IN A TRACK RELAY
3. ALL WEB BONDS SHALL BE 3/16" IN DIAMETER, 12" LONG WITH STEEL TERMINALS WELDED TO THE WEB OF THE WELDED TYPE
4. ALL RAILHEAD BONDS SHALL BE 3/16" IN DIAMETER WITH STEEL TERMINALS WELDED TO CONDUCTORS OF THE WELDED TYPE
5. LOCATION OF INSULATED JOINTS MAY BE MODIFIED ONLY BY THE ENGINEER'S APPROVAL
6. PLACEMENT OF BONDS WHERE SMALL WAVELENGTH BONDED RAIL DETECTION
7. WIRE TO FOLLOW CONTOUR OF RAIL AND TIE WITH NO EXCESS SLACK
8. ALL BONDS AND TRACK CONNECTIONS UTILIZING 3/16" BOND STRAND SHALL BE WITH STEEL TERMINALS WELDED TO THE RAIL
9. "X" MARKS THE TWO BONDS AS ONE PIECE BONDS ARE NOT REQUIRED
10. ALL RAILHEAD BONDS SMALL BE INSTALLED ON THE SIDE OF THE FROG ON WHICH THE HEADS OF BOLTS ARE LOCATED. ON SPRING RAIL, RAILHEAD BONDS ARE NOT REQUIRED ON WAVEABLE SIDE
11. DISTANCE BETWEEN TERMINALS IS SHOWN AS 17". THIS DIMENSION MAY DECREASE, WHEN NECESSARY, DUE TO LIMITED DISTANCE FROM BOLT TO END OF THE RAIL
12. WHEN A PLATE CLIP (ON SPRING RAIL, FROG) IS REQUIRED WITH APPLICATION OF BONDS AS SHOWN HEREON, THE PLATE CLIP SMALL BE ARRANGED TO PERMIT PROPER INSTALLATION OF THE BONDS