FROG TIE PLATES REQUIRED

4 — FT20
6 — FT23
10 — FT27
2 — FT27 Modified
2 — FT29
2 — FT31 Modified
2 — FT33 Modified

Ties Placed on 18" Center to Center

All bolts except Joint and Foot Guard bolts shall be 1/4" dia.

C R Plan 72405-I

-1" Line of Base of Rail
Cored Bolt Holes in Body Casting shall be oval; the vertical diameter, may be 1/8" greater than the diameter of the bolt; the horizontal diameter not more than 3/4" greater than the diameter of the bolt.

SECTION THROUGH MANGANESE BODY ON CENTER LINE

Bond hole and Bond Plug

For details of bond holes and bond plugs, see

C R Plan 72409-I

NOTES

1. This plan is for use with A.R.E.A. recommended standards for 140 RE Rail.
2. Workmanship and materials, including bedding and hardening rail ends, shall be per current A.R.E.A. Specifications.
3. Groove for bond wires shall extend from end of filler block at least to center line of second bolt hole.
4. All bolts used in construction of frog and switch material shall be dipped immediately before applying (so that all threads are thoroughly coated) in NO-GX-1D "GG" grease, manufactured by Dearborn Chemical Company.
5. When frog is to be used in ballasted track, first bolt hole is to be drilled in the field as shown on C.R. Plan 71010.

Sections and other details shall be in accordance with Standard Plan 74049-I.

RAIL END DRILLING

FOR FIELD WELDS

CONRAIL

STANDARD

NO.10 RAILBOUND MANGANESE STEEL FROG

FOR 140 RE RAIL

74141-A

74141-A