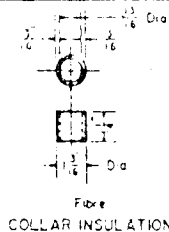
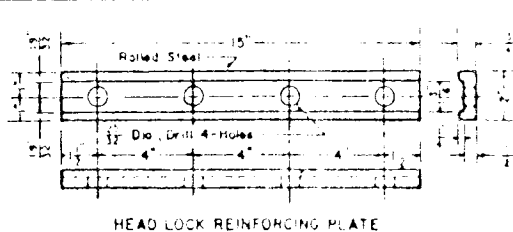


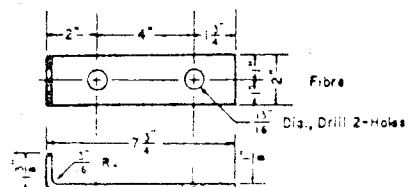
BOTTOM PLATE INSULATION



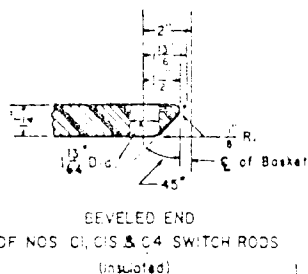
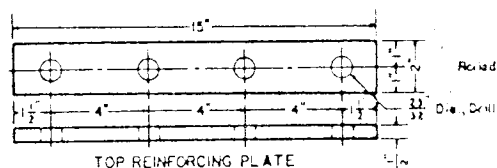
COLLAR INSULATION



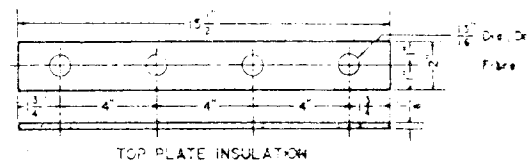
HEAD LOCK REINFORCING PLATE



BOTTOM ANGLE INSULATION

BEVELED END
OF NOS. C1, C15, & C4 SWITCH RODS
(Insulated)

TOP REINFORCING PLATE



TOP PLATE INSULATION

Requirements for rods alone must specify Rod Number, whether insulated or non-insulated and the number of this plan; and, in addition, whether the rods are ordered for Standard Split Switches, Slow Acting Spring Switches, Movable Point Rails, or Switch Rails of Slip Crossings.

When non-insulated, the rods shall be furnished solid.

Rods Nos. C1, C15, and C4 shall be furnished complete with rod basket, but without sleeves for basket.

Details of Insulated and Non-Insulated Rod Baskets shall be in accordance with Plan 73600 ().

Head Lock Reinforcing Plate shall be furnished on Insulated Rods Nos. C2, C3, C3S, C5, C6, C7 and C8.

All switch rod joint bolts shall have A.S.A. Regular square heads, and A.S.A. Heavy square nuts with helical spring washers; and all such bolts shall be carbon-steel with medium-carbon steel nuts, and shall conform to requirements of current A.R.E.A. Specifications for Heat-Treated Carbon-Steel Track Bolts, and Carbon-Steel Nuts.

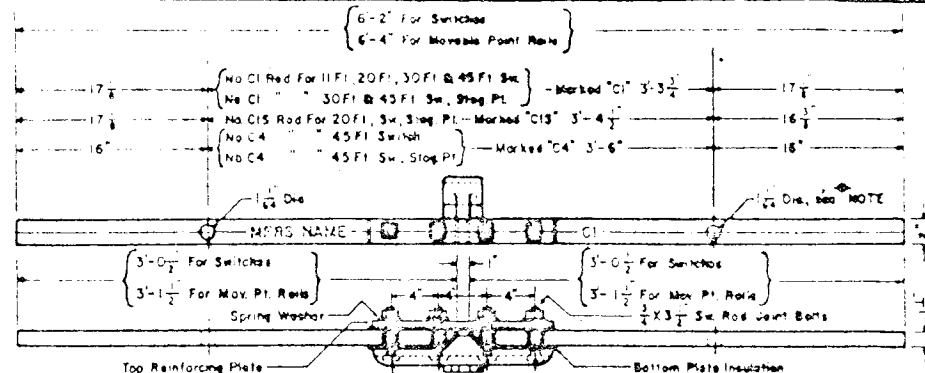
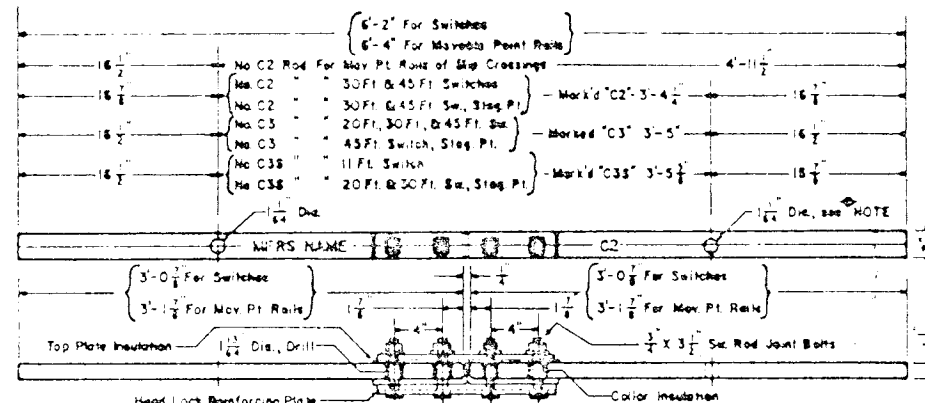
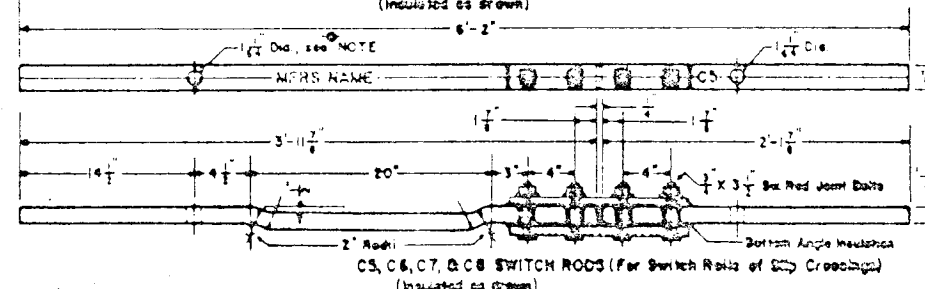
All spring washers shall conform to The Pennsylvania Railroad Specifications for Helical Spring Washers, C.E. 7-1 ().

All fibre parts must meet the requirements of current A.A.R. Signal Section Manual, Part 5B, Specification No. 13 for "Hard Fibre", and A.A.R. Signal Section Manual, Part No. 17A, covering "Requirements for Fabricated Fibre Parts for Track Insulation".

All rods must be clearly marked by steel stamp with deeply cut characters to indicate manufacturer's name or trade mark, and the rod marking as indicated on this plan, in the position as shown.

All Switch Rods shall conform to A.I.S.I. Grade No. C-1030. (Merchant Bar Quality Steel).

All Head Locks and Top Reinforcing Plates, shall conform to A.I.S.I. Grade No. C-1020. (Merchant Bar Quality Steel).

NOS. C1, C15, & C4 SWITCH RODS (For Split Switches & Mov. Pt. Rails)
(Insulated as drawn)NOS. C2, C3, & C3S SWITCH RODS (For Split Switches & Mov. Pt. Rails)
(Insulated as drawn)NOS. C5, C6, C7, & C8 SWITCH RODS (For Switch Rails of Slip Crossings)
(Insulated as drawn)

NOTE -

When Movable Point Crossings, Slip Crossings, or Slow Acting Spring Switches are ordered complete, the Manufacturer shall drill these holes for rod bolts at the requisite locations and the rod bolt holes in rods for movable point rails shall be located equidistant from the center line of the rod.

When Rods are ordered separately for Movable Point Rails, Switch Rails of Slip Crossings and Switch Rails of Slow Acting Spring Switches, such rods shall be furnished drilled at one end only, and these holes for rod bolts shall be drilled in the field.



73601-A

THE PENNSYLVANIA RAILROAD
STANDARD
DETAILS OF
RODS FOR SPLIT SWITCHES, MOVABLE POINT AND SLIP CROSSINGS
FOR 131 AND 140 L.B.R.E., 152 AND 155 L.B.P.S. DRILLED 2 1/2" - 6" - 7"
OFFICE OF CHIEF ENGINEER, PHILA., PA., MARCH 1904

L. J. Henry
Engineer