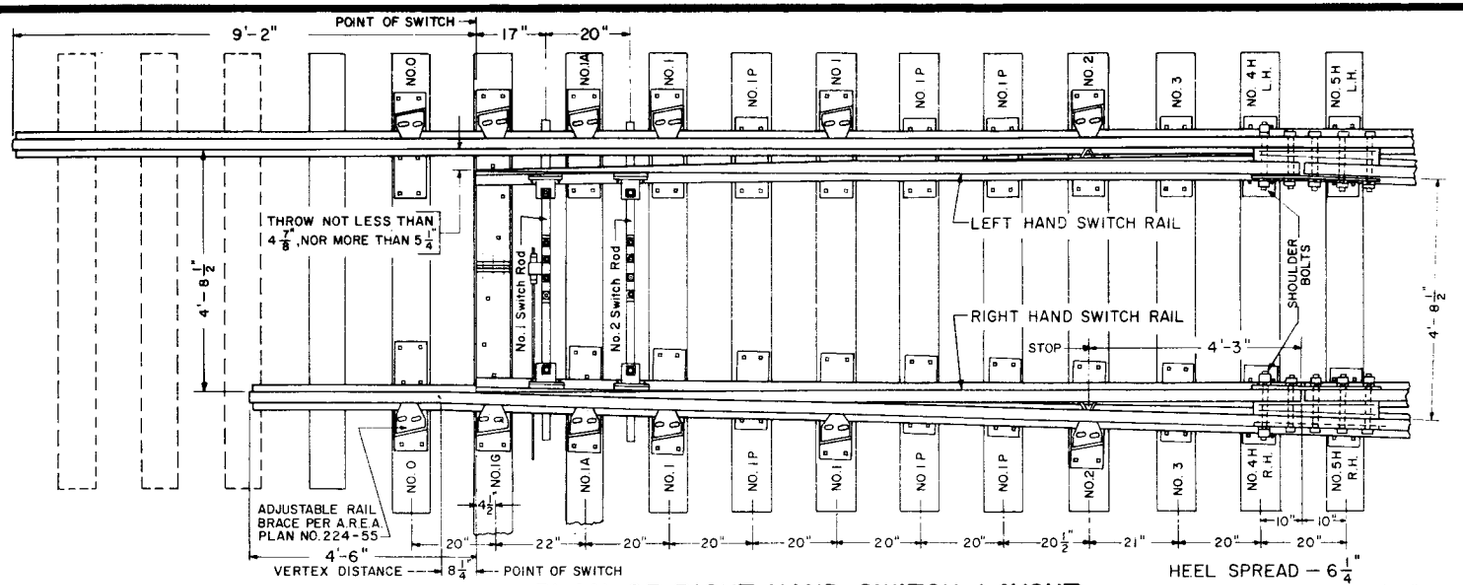
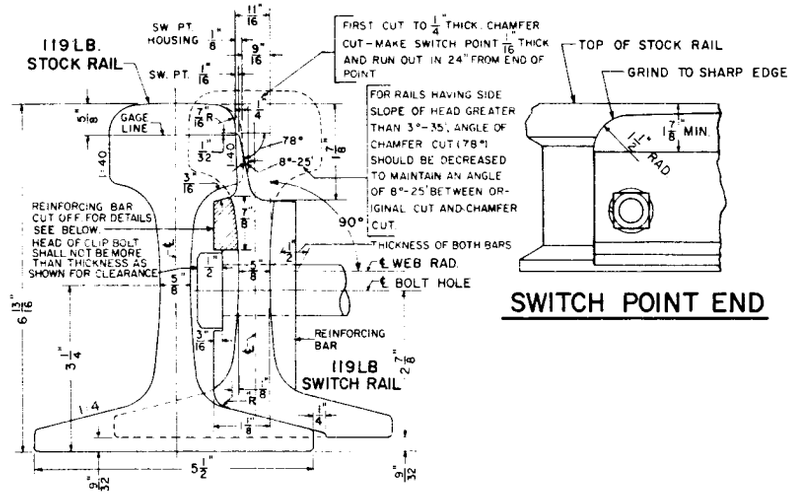
B. 1965
Y 1968
PT. 1968
C. 1968
NE 1969



PLAN OF RIGHT HAND SWITCH LAYOUT

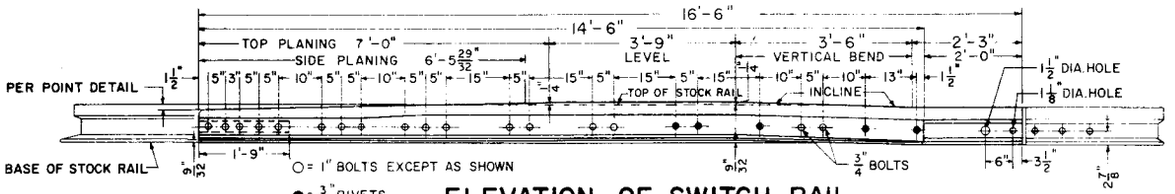
HEEL SPREAD — 6 1/4"
SWITCH ANGLE = 1°-44'-11"



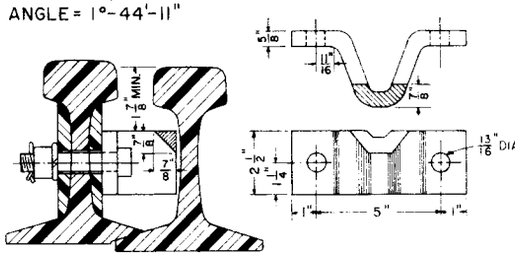
SWITCH POINT DETAIL

(STOCK RAIL HOUSED 1/8")

SWITCH POINT END



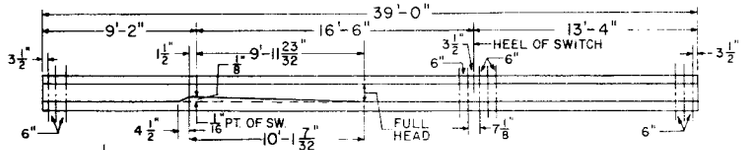
ELEVATION OF SWITCH RAIL



STOP

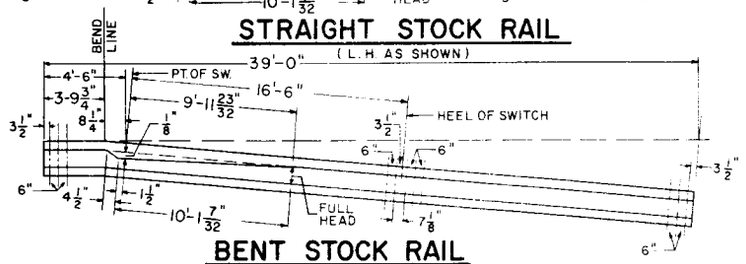
BILL OF MATERIAL

1 - PAIR 16'-6" SWITCH POINTS, COMPLETE WITH REINFORCING BARS, CLIPS AND STOPS ATTACHED.
2 - 39'-0" STOCK RAILS, 1-R.H. & 1-L.H.
2 - INSULATED SWITCH RODS } SEE P.C. PLAN 73602-() FOR DETAILS.
2 - HEEL BLOCKS, COMPLETE }
1 - NO. 1G INSULATED GAGE PLATE.
2 - NO. 0 ADJUSTABLE BRACE PLATE.
2 - NO. 1A " " SLIDE PLATE
4 - NO. 1 " " " "
2 - NO. 2 " " " " } SEE P.C. PLAN 73501-() FOR DETAILS.
6 - NO. 1P SHOULDER SLIDE PLATE.
2 - NO. 3 " " "
2 - NO. 4H HEEL PLATES, 1-R.H. & 1-L.H.
2 - NO. 5H " " 1-R.H. & 1-L.H.
12 - ADJUSTABLE RAIL BRACES, TYPE "A", COMPLETE WITH DOUBLE NUTS, DOUBLE WASHERS AND BOLTS PER A.R.E.A. PLAN 224-55.



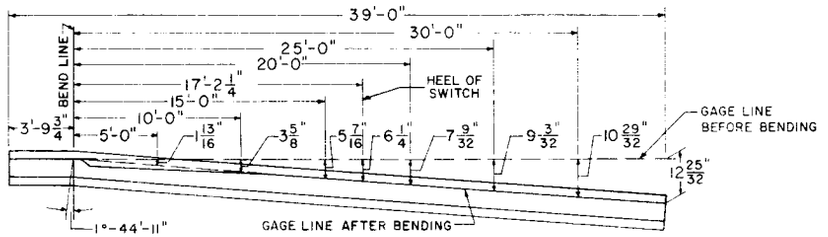
STRAIGHT STOCK RAIL

(L.H. AS SHOWN)



BENT STOCK RAIL

(R.H. AS SHOWN)

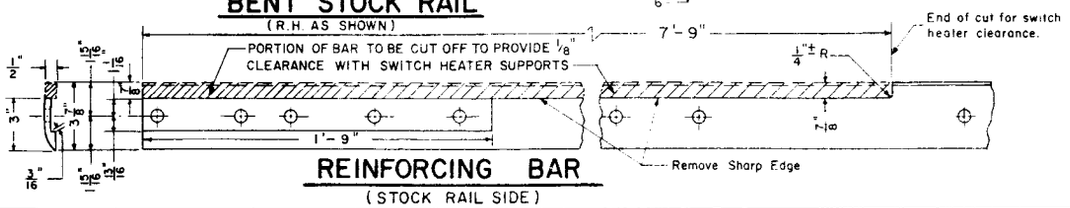


OFFSETS FOR BENDING 39'-0" STOCK RAIL

(R.H. AS SHOWN)

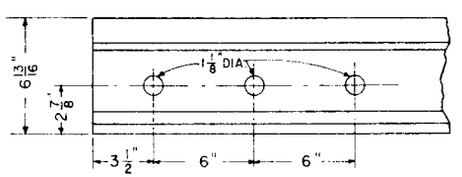
NOTES

1 - THIS PLAN IS FOR USE WITH A.R.E.A. RECOMMENDED STANDARDS FOR 119LB RAIL.
2 - WORKMANSHIP AND MATERIALS, INCLUDING BEVELING AND HARDENING RAIL ENDS, SHALL BE AS PER CURRENT A.R.E.A. SPECIFICATIONS.
3 - ALL BOLTS SHALL BE DIPPED IMMEDIATELY BEFORE APPLYING (SO THAT ALL THREADS ARE THOROUGHLY COATED) IN NO-OX-ID "GG" GREASE, MANUFACTURED BY THE DEARBORN CHEMICAL COMPANY.



REINFORCING BAR

(STOCK RAIL SIDE)



RAIL END DRILLING

73166 - E

PENN CENTRAL

STANDARD

16'-6" STRAIGHT SPLIT SWITCH

INSULATED

FOR 119LB. RAIL

MAY 1968

Chief Engineer - Maintenance of Way

Ass'l Vice President - Engineering