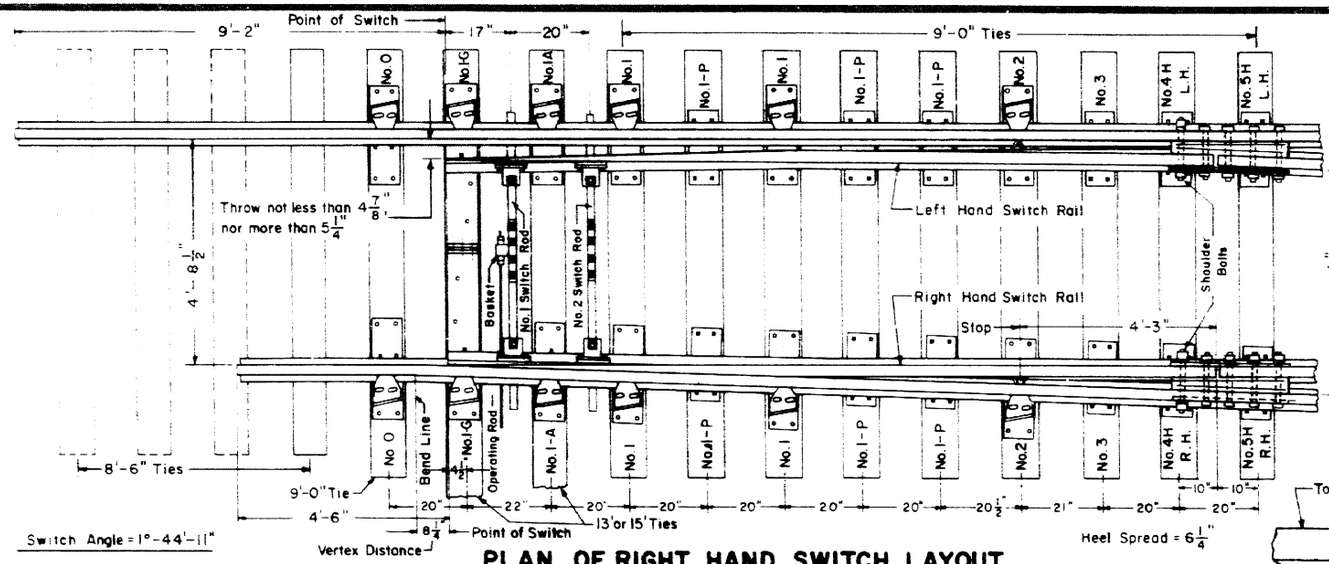
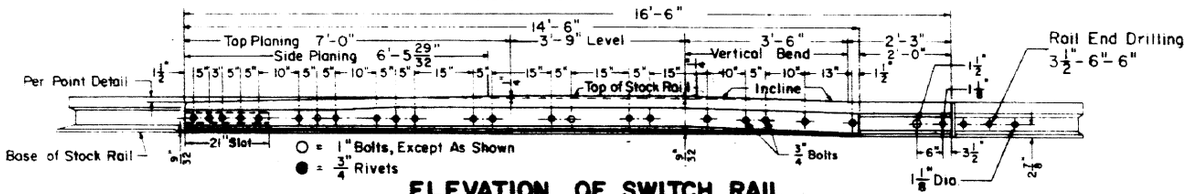
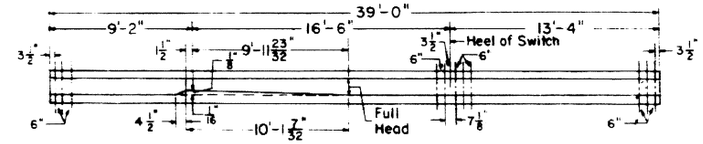


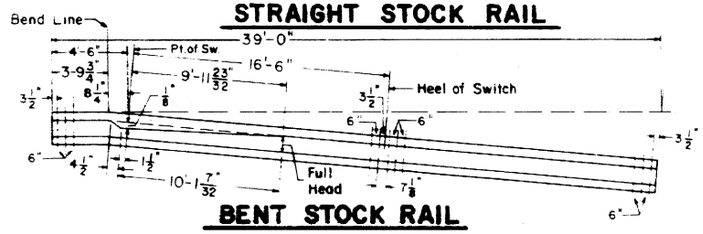
PLAN OF RIGHT HAND SWITCH LAYOUT



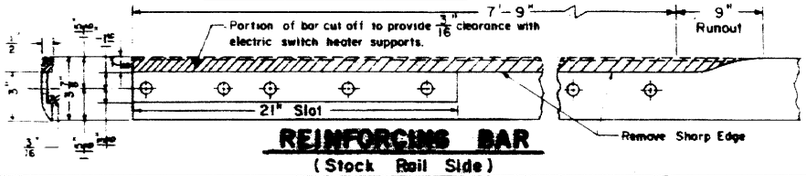
ELEVATION OF SWITCH RAIL



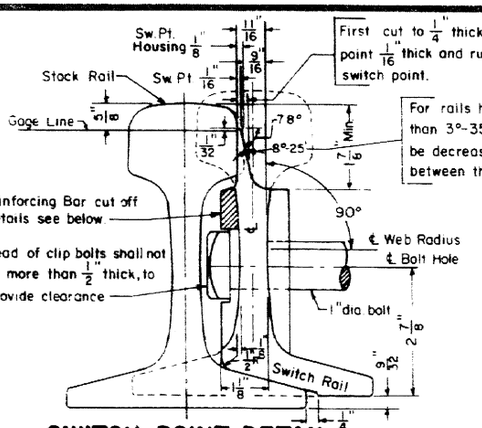
STRAIGHT STOCK RAIL



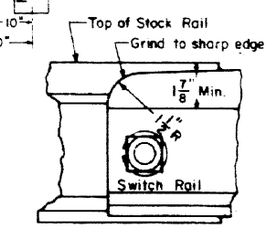
BENT STOCK RAIL



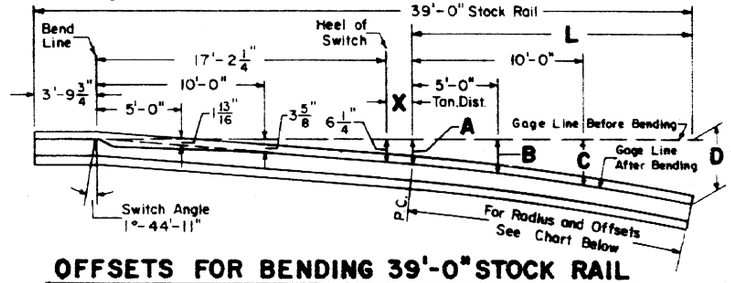
REINFORCING BAR
(Stock Rail Side)



SWITCH POINT DETAIL



SWITCH POINT END



OFFSETS FOR BENDING 39'-0" STOCK RAIL

TURNOUT NO.	℄ RADIUS	X	L	A	B	C	D
8	462.73'	17 7/8"	16'-6 1/8"	6 25/32"	8 15/16"	11 23/32"	16 11/32"
10	725.15'	18"	16'-6"	6 29/32"	8 13/16"	11 1/4"	15 1/16"

OFFSETS FOR CURVED PORTION OF STOCK RAIL
(R.H. As Shown)

BILL OF MATERIAL

1 - Pair 16'-6" Straight Switch Points, complete with reinforcing bars, rod clips and rail stops attached.

✱ 2 - 39'-0" Stock Rails, Housed 1/8", 1-L.H. Straight and 1-R.H. Bent

2 - Insulated Switch Rods, 1 with rod basket. See C.R. Plan 73520-( )

2 - Heel Blocks, complete. See C.R. Plan 73602-( ).

1 - No. 1-G Insulated Gage Plate
2 - No. 0 Adjustable Brace Plate
2 - No. 1-A " " Slide Plate
4 - No. 1 " " " "
2 - No. 2 " " " "
6 - No. 1-P 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.
— See C.R. Plan 73501-( )

12 - Adjustable Rail Braces, Type "A", complete. See C.R. Plan 73602-( ).

2 - Rail Stops. See C.R. Plan 73602-( ).

4 - Side Jaw Clips, 2-R.H. & 2-L.H. See C.R. Plan 73520-( ).

NOTES

1 - This plan is for use with A.R.E.A. recommended standards for 119lb. R.E. 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 threads are thoroughly coated) in NO-OX-ID "GG" grease manufactured by Dearborn Chemical Company.

4 - Non-Insulated Switch to be furnished with switch rods and gage plate solid.

✱ 5 - When ordering a Left Hand Switch - these items shall be opposite hand.

CONRAIL

73166-A

STANDARD

16'-6" STRAIGHT SPLIT SWITCH
INSULATED and HOUSED
FOR 119 LB. R.E. RAIL

SEPTEMBER, 1976

R H Smith
Chief Engineer - Maintenance of Way

Chief Engineering Officer