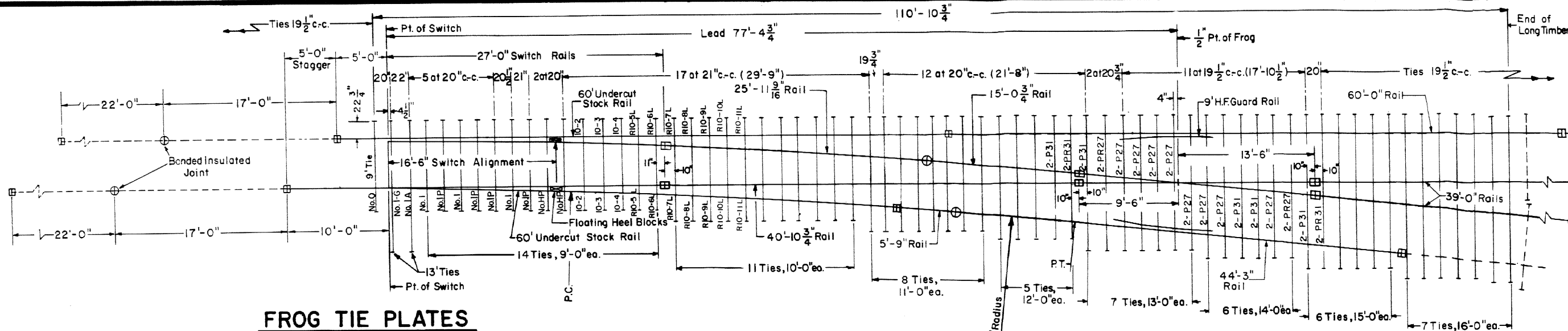


- Revisions
 B - Aug., 1978
 C - May, 1980
 D - Dec., 1981
 E - Jun., 1983
 F - Feb., 1984
 G - May, 1986
 H - May, 1991
 I - March, 1993
 J - Sept., 1994
 K - Dec., 1994
 L - Feb., 1996



FROG TIE PLATES

- 16 - P27 SAS Plates
 - 10 - P31 SAS Plates
 - 4 - PR27 SAS Plates
 - 4 - PR31 SAS Plates
- CR Plan 72223 - ()

LEGEND

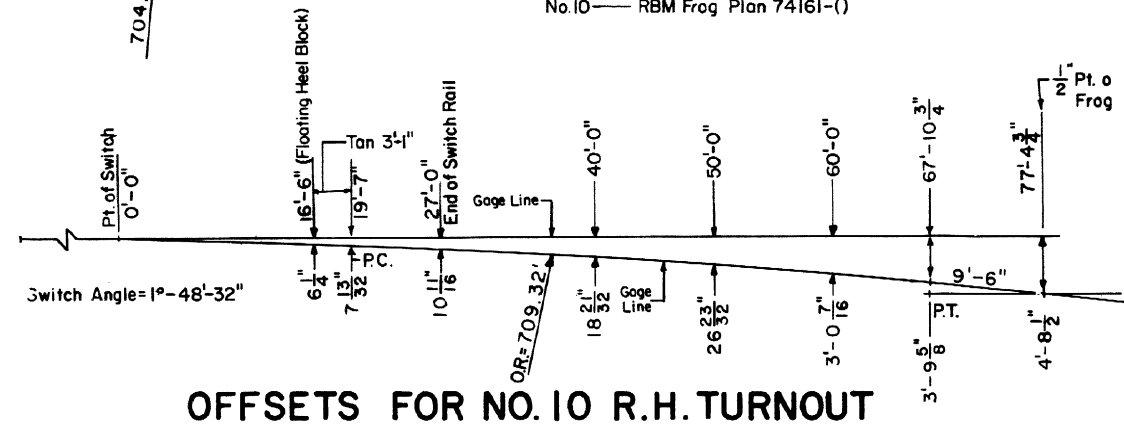
- Indicates rails furnished by the manufacturer.
- - - Indicates rails furnished by Conrail.
- + Indicates standard bolted joint with 1/8" opening.
- ⊕ Indicates Bonded Insulated Joint
- ⊞ Indicates field welded joints.

NOTES

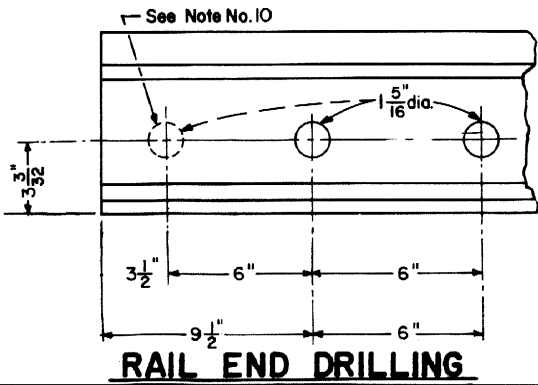
- 1 - All rails to be Fully Heat Treated and meet CR MW180 Spec.
- 2 - Switch rails to be samson.
- 3 - 60' stock rails, to be undercut as per Plan 73062 - ().
- 4 - For switch details see Plan 73181 - ().
- 5 - Gage plate No. I-G as per Plan 73522 ().
- 6 - Switch plates Nos. O, I, IA, HP, IP as per Plan 73522 ().
- 7 - Turnout plates, No. 2 thru No. 11, as per Plan 72222 - ().
- 8 - Vertical insulated switch rods and adjustable rocker clips, generally as per Plan 73518 - ().
- 9 - Floating heel block, as per Plan 73181 - ().
- 10 - All rails, including switch rails, to be drilled per Conrail Plan 71015 - () or 71016 - (), except that first hole is not to be drilled by the manufacturer. Conrail forces to field drill first hole when necessary.
- 11 - See Conrail Plan 73184 - (), sheet 2, for Bill of Material
- 12 - On Non-Insulated Turnouts closure and T.O. rails are to be continuous. No Joint.
- 13 - Bonded Insulated Joints furnished with Turnout and manufactured by Approved Vendor.

LONG TIMBERS REQUIRED

QUANTITY	LENGTH
15	9'-0"
11	10'-0"
8	11'-0"
5	12'-0"
9	13'-0"
6	14'-0"
6	15'-0"
7	16'-0"
67	Total



OFFSETS FOR NO. 10 R.H. TURNOUT



RAIL END DRILLING

ALL PANDROL TURNOUT

CONRAIL **73185-L**

STANDARD

NO. 10 WELDED TURNOUT TIE AND RAIL LAYOUT

JANUARY, 1978

R.H. Smith
Chief Engineer - Maintenance of Way

A.P. Carlson
Chief Engineering Officer