



**NOTES**

- 1-Switch details to be as per Plan 73157-().
- 2-Switch rails are to be modified so they may be equipped for use with tubular electric switch heaters.
- 3-No.6 Solid Manganese Frog to be as per Plan 74151-(), with special plates as indicated.
- 4-No.8 Solid Manganese Frog to be as per Plan 74153-(), complete with Frog Tie Plates.
- 5-No.10 Solid Manganese Frog to be as per Plan 74159-(), complete with Frog Tie Plates (location and quantity as per this plan).
- 6-Details of Frog Tie Plates to be as per Plan 72105-().
- 7-The Stock Rails and Switch Rails are to be furnished Fully Heat Treated in accordance with current AREA Specifications.
- 8-Plates IR thru I7R are Special Plates that take the place of JR and KR plates.
- 9-Plates AR, BR, CR, DR, ER, GR and MR to provide for use of Adjustable Rail Brace. All plates containing an Adjustable Brace shall be provided with round plate holding spike holes for use of standard Cone Neck Drive Spikes.
- 10-Plates not indicated are standard tie plates.
- 11-1/8" Joint Opening to be provided for at each joint.
- 12-Long timbers are to be used where indicated on this plan. The 17' thru 21' length ties are in the special length category as far as the industry is concerned and the lead time to obtain is longer, therefore they should be ordered as far in advance as possible.
- 13-All rails, except the stock and switch rails, are to be End Hardened in accordance with Current AREA Specifications.
- 14-Uneven numbered Special Plates I3R thru 23R are for use under 2 rail section. Even numbered Special Plates I4R thru 24R and plates 25R thru 31R are for use under 3 rail section and No.6 Frog. When possible all Special Plates shall be equipped with Plug Welded Stops.

Special Gage Plates AR thru MR and Special Plates IR thru 31R to be marked "L" when Lap is opposite hand.

**TIMBER REQUIRED**

TIMBER LENGTH	8'	8'-6"	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'	21'
AMOUNT	4	5	8	6	5	3	4	7	8	10	1	3	2	3	3

Timbers shown in dashed lines and the 2-13'-0" and 2-14'-0" Headblock Ties are not included in the above table.

**FROG PLATES REQUIRED**

PLATE DESIGNATION	No. 8 FROG	No. 10 FROG
FTH 23	4	4
FT 23 Mod.	4	4
FT 27	4	-
FTH 27	4	6
FTR 29	2	2
FTR 31	2	2
FTH 31	2	-
FTR 33	2	2
FTH 35	2	-

———— Rails to be provided by Manufacturer.  
----- Rails to be provided by Conrail.

FR & HR are basically a No. 1P Switch Plate of extended length to fit under Adjacent Rail.  
GR & MR are basically a No. 1 Switch Plate of extended length to fit under Adjacent Rail.

This Plan supercedes 66603-B dated June 1980.

Switch Point Guards when asked for on the order shall be insulated and as shown on Plan 71812-() or Plan 71813-(). The No. 1 Switch shall have the L.H. Point protected by a L.H. guard (located on ties 1, 2 and 3) and the No. 2 Switch shall have the R.H. Point protected by a R.H. guard (located on ties 17, 18 and 19). The above would be reversed if the Lap would be ordered as a L.H. No. 10.

**CONRAIL** **73198-B**

STANDARD

**NO. 10 R.H. LAP TURNOUT (6-8-10)**

AUGUST, 1982

Chief Engineer Maintenance of Way

Chief Engineering Officer