**Frog Tie Plates**

- **14** - FT 27
- **2** - FT 27 Modified
- **2** - FT 33
- **2** - FT 33 Modified
- **2** - FTR 29
- **2** - FTR 31 Modified
- **2** - FTR 33 Modified

**LEGEND**

- Indicates rails furnished by the manufacturer.
- Indicates rails furnished by Conrail.
- Indicates standard bolted joint with 1/8" opening.
- Indicates insulated joints with 1/2" opening.
- **EB3** - Indicates field welded joints.

**NOTES**

1. All rails to be furnished, not heat treated, end hardened or beveled.
2. Switch rails to be somon.
3. 60° stock rails to be undercut as per Plan 73062-1.
4. For switch details see Plan 73180-1.
5. Gage plate No. I-0 as per Plan 73519-1.
6. Switch plates Nos. 0, 1, 2 and 3 as per Plan 73519-1.
7. Turnout plates Nos. 2 thru No. 9, as per Plan 72220-1.
8. Vertical insulated switch rods and adjustable rocker clips, generally as per Plan 73518-1.
9. Floating heel block, as per Plan 73180-1.
10. All rails, including switch rails, to be drilled per Conrail Plan 7000-1 for 140RE rail or Plan 7001-1 for 120RE rail, except that first hole is not to be drilled by the manufacturer. Conrail forces to field drill first hole when necessary.
11. The rails on the turnout side are bolted joints.

**LONG TIMBERS REQUIRED**

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<th>QUANTITY</th>
<th>LENGTH</th>
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<tr>
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<tr>
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<td>Total</td>
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</tbody>
</table>

**OFFSET FOR NO. 8 R.H. TURNOUT**

**RAIL END DRILLING**

- **40'-0"**
- **3'-0"**
- **6'-0"**
- **6'-0"**
- **6'-0"**

**CONRAIL**

**STANDARD**

**NO. 8 WELDED TURNOUT TIE AND RAIL LAYOUT-132 & 140R.E.**

**JANUARY, 1978**

**Chief Engineer-Manufacturing**

**Chief Engineering Officer**

**73184-C**