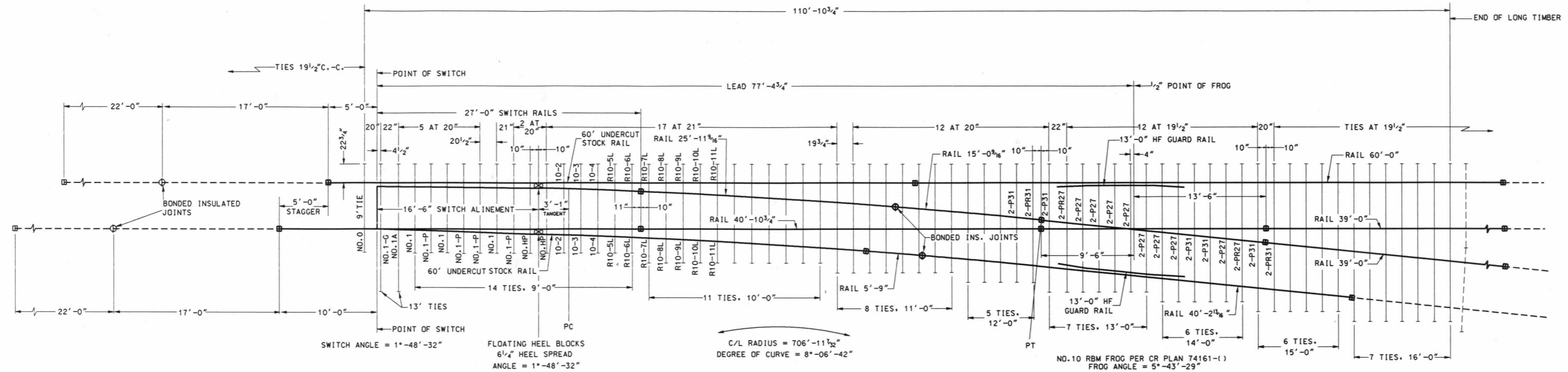


REVISIONS  
 A-JAN., 1978  
 B-AUG., 1978  
 C-MAY, 1980  
 D-DEC., 1981  
 E-JUN., 1983  
 F-FEB., 1984  
 G-MAY, 1986  
 H-MAY, 1991  
 I-MAR., 1993  
 J-SEPT., 1994  
 K-DEC., 1994  
 L-FEB., 1996  
 M-JAN., 1997



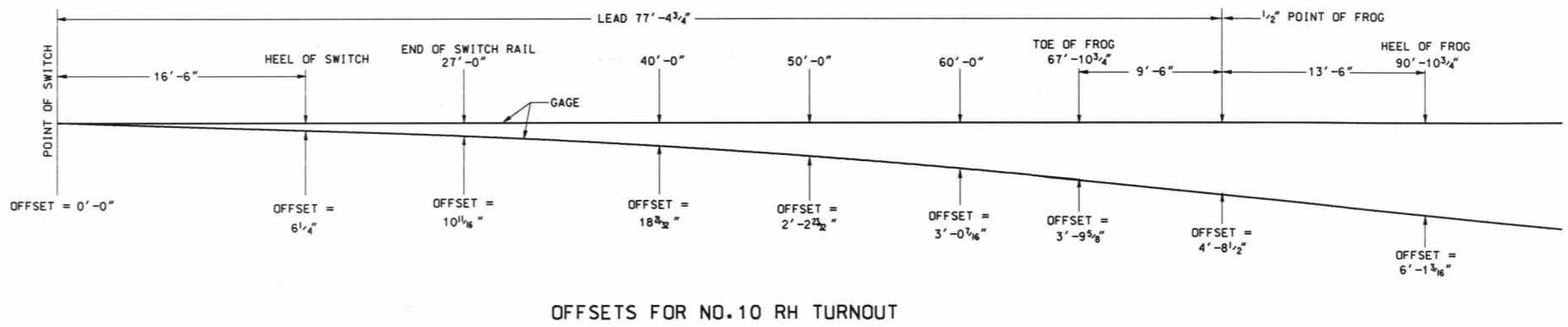
- NOTES**
- 1-ALL RAILS TO BE FULLY HEAT TREATED OR HEAD HARDENED INCLUDING BONDED JOINT RAILS, FROG WING AND HEEL RAILS, SWITCH AND STOCK RAILS. ALL RAILS TO MEET CR MW-180 SPEC.
  - 2-SWITCH RAILS TO BE UNDERCUT.
  - 3-60'-0" STOCK RAILS ARE TO BE UNDERCUT PER PLAN 73062-().
  - 4-GAGE PLATE NO.1-G PER PLAN 73522-().
  - 5-SWITCH PLATE NOS.0,1A,HP,1,1-P PER PLAN 73522-().
  - 6-TURNOUT PLATES NO.2 THRU NO.11 PER PLAN 72222-().
  - 7-VERTICAL INSULATED SWITCH RODS AND ROCKER CLIPS PER PLAN 73518-().
  - 8-FLOATING HEEL BLOCK PER PLAN 73180-().
  - 9-FOR SWITCH DETAILS SEE PLAN 73181-().
  - 10-ALL RAILS, INCLUDING SWITCH RAILS, ARE TO BE DRILLED PER PLAN 71016-(). EXCEPT THAT THE FIRST HOLE IS NOT TO BE DRILLED BY MANUFACTURER. THE FIRST HOLE WILL BE DRILLED IN THE FIELD WHERE NECESSARY.
  - 11-BONDED INSULATED JOINT FURNISHED WITH TURNOUT AND MANUFACTURED BY APPROVED VENDOR.
  - 12-SWIVEL SHOULDER FROG TIE PLATES PER PLAN 72223-().
  - 13-ON NON-INSULATED TURNOUTS T.O. AND CLOSURE RAILS ARE TO BE CONTINUOUS. NO JOINT.
  - 14-SEE PLAN 73184-(), SHEET 2 FOR BILL OF MATERIAL.

**TIMBERS SHIPPED WITH TURNOUT**

| 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  |

**SWIVEL SHOULDER FROG TIE PLATES REQUIRED**

- 16-P27 PLATES  
 10-P31 PLATES  
 4-PR27 PLATES  
 4-PR31 PLATES  
 PLAN 72223-()



**LEGEND**

- RAIL FURNISHED BY MANUFACTURER
- RAIL FURNISHED BY CONRAIL
- FIELD WELD JOINTS (0" OPENING)  
 RAIL TO BE CUT IN FIELD FOR WELDING  
 (TOLERANCE +1/8", -0")  
 (RAIL DRILLING: 9 1/2"-6", 1 3/16" DIA.  
 HOLES, 3 3/32" AB)
- BONDED INSULATED JOINT (3/16" OPENING)  
 (RAIL DRILLING: 3 1/2"-6"-6", 1 3/16" DIA.  
 HOLES, 3 3/32" AB)

**ALL PANDROL TURNOUT**

CONRAIL 73185-M  
 STANDARD  
**NO. 10 WELDED TURNOUT TIE AND RAIL LAYOUT-136R**  
 REDRAWN JANUARY, 1997  
 A.C.E.-STANDARDS & TRACK ANALYSIS  
 CHIEF ENGINEER