

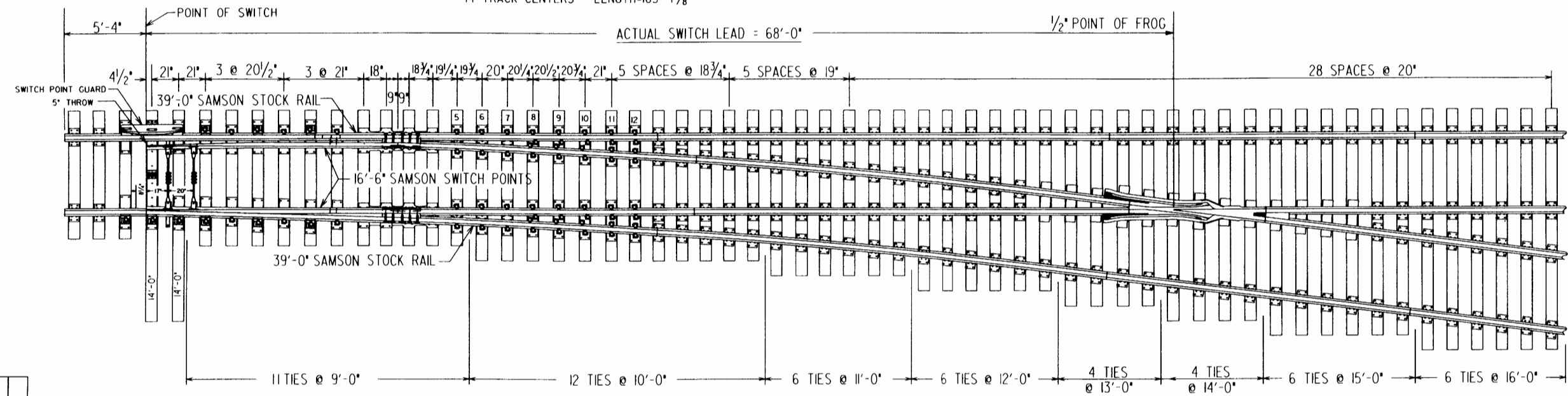
CROSSOVER

14' TRACK CENTERS - LENGTH=163'-7 1/8"

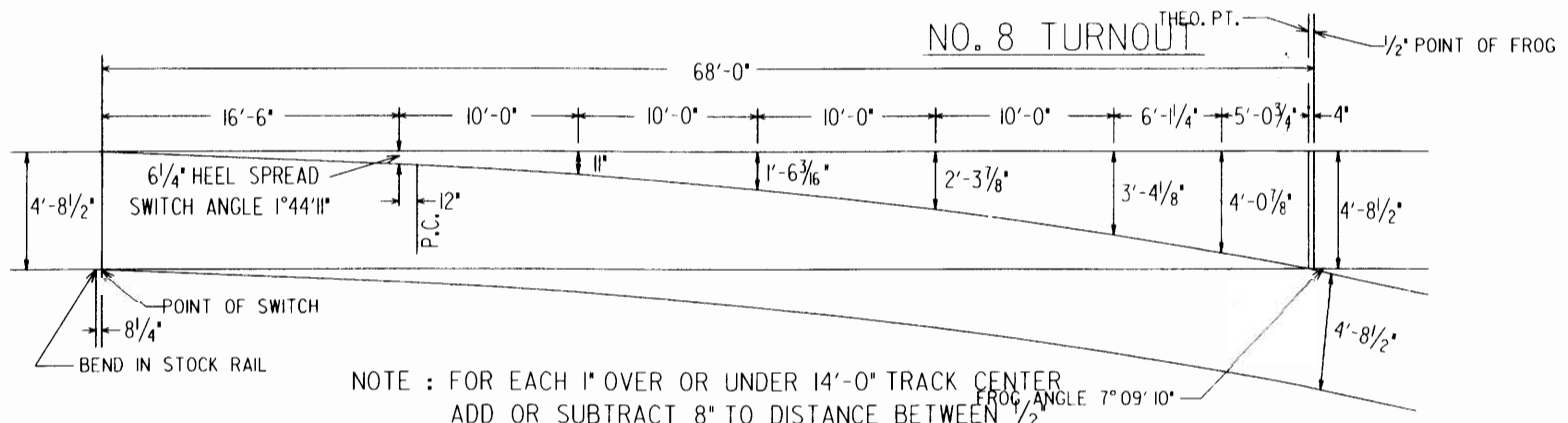
SEE PLAN

- 1-4 BOLTS USED IN TRACKWORK
- 3-6 16'-6" SWITCH
- 3-15 SWITCH HEEL BLOCK
- 3-16 SWITCH HEEL BASE PLATE
- 3-19 SWITCH LUGS (CLIPS)
- 3-20 SWITCH RODS
- 3-21 SWITCH PLATES
- 3-22 ADJUSTABLE PLATES & BRACES
- 3-23 3/4" & 1" GAUGE PLATES
- 3-34 & 3-35 SWITCH STANDS
- 4-9 SMSG FROGS
- 4-11 FROG PLATES FOR SMSG FROGS

BILL OF SWITCH TIES-7" X 9" TURNOUT	
NO. OF Pcs.	LENGTH
11	9'-0"
12	10'-0"
6	11'-0"
6	12'-0"
4	13'-0"
6	14'-0"
6	15'-0"
6	16'-0"
TOTAL NO. Pcs.	57
TOTAL LIN. FT.	679
TOTAL F.B.M.	3,564.75



CROSSOVER DATA FOR TANGENT TRACK	
TRACK CENTERS	DISTANCE BETWEEN 1/2" POINTS
13'-0"	27'-7 1/8"
14'-0"	35'-6 3/4"
15'-0"	43'-6 3/8"
16'-0"	51'-6"
17'-0"	59'-5 5/8"
18'-0"	67'-5 1/4"
19'-0"	75'-4 1/8"
20'-0"	83'-4 1/2"



NOTE : FOR EACH 1" OVER OR UNDER 14'-0" TRACK CENTER ADD OR SUBTRACT 8" TO DISTANCE BETWEEN 1/2" POINT OF FROGS IN CROSS OVER.

OFFSET DIAGRAM

NORFOLK SOUTHERN RAILWAY COMPANY
NO.8 132 /136 RE TURNOUT
 WITH 16'-6" SWITCH, S.M.S.G.
 FROG AND SWITCH POINT GAURD
 SEPTEMBER 1996

Atlanta, Georgia

REVISION	DATE