



NOTE: 22'-0" SWITCH POINTS HAVE BEEN REPLACED WITH A 38'-5" LONG POINT WITH FLOATING HEEL BLOCK. ON INITIAL REPLACEMENT, ADDITIONAL PLATES MUST BE CHANGED. PLEASE SEE PLAN FS-333 AND 343 FOR ORDERING DETAILS ON RETROFIT KITS. INSTALLING A LONGER WELDED POINT ON A BOLTED GEOMETRY TURNOUT DOES NOT MODIFY THE TURNOUT GEOMETRY. MAXIMUM SPEED REMAINS AT 15 mph

THESE HOLES TO BE USED ONLY FOR SPINK POINTS IN CLOSED POSITION

INSTALL ADZED HEAD BLOCK TIES *1 & *2 ON SIDES TO ALLOW CLEARANCE FOR SWITCH ROD (POWER OPERATED SWITCHES ONLY).

ALL TIE SCREW HOLES TO BE DRILLED 17 (21/32") DIA. X MINIMUM 152 (6") DEEP & TREATED WITH PRESERVATIVE.

FOR REPLACEMENT OF BOLTS, CLIPS OR STOPS IN FIELD SEE GTS-0373 & 0374.

FOR REPLACEMENT OF FROG BOLTS IN FIELD SEE GTS-1309.

FOR CLIP ASSEMBLY SEE GTS-0352.

TO BE CUT TO FIT

FOR INSTALLATION DETAILS OF HOLD DOWN HOUSING AND RISERS SEE GTS-0570.

POWER & HAND OPERATED SWITCHES

1st ROD- 121 (4-3/4") -1/16

2nd ROD- 100 (3 15/16") -1/16

3rd ROD- 81 (3 3/16") -1/16

SPRING SWITCHES

1st ROD- 121 (4-3/4") -1/16

2nd ROD- 111 (4 3/8") -1/16

3rd ROD- 90 (3 1/2") -1/16

4th ROD- 70 (2 3/4") -1/16

TURNOUT DATA

FROG NO. 12

LENGTH OF SWITCH PT. 11709 (38'-5")

HEEL SPREAD 159 (6 1/4")

LEAD 29896 (98'-1")

P.S. TO H.F. 33680 (110'-6")

FOR SGM: 15875 (52'-1") STRAIGHT CLOSURE LENGTH

15916 (52'-2 5/8") CURVED CLOSURE LENGTH

FOR RBM: 14845 (48'-8 1/2") STRAIGHT CLOSURE LENGTH

14888 (48'-10 1/8") CURVED CLOSURE LENGTH

NOTES:

1. INFORMATION CONTAINED IN THIS PLAN IS FOR MAINTENANCE PURPOSE ONLY. ORDERING INFORMATION FOR NEW TURNOUTS CAN BE FOUND ON GTS-0271.

2. WHEN REFERRING TO TURNOUTS, DRAWING NUMBER MUST BE STATED AS "A" TO "P" TO INDICATE:

A-RIGHT HAND TURNOUT-POWER OPERATED SWITCH-MACHINE ON RIGHT-RBM FROG

B-RIGHT HAND TURNOUT-POWER OPERATED SWITCH-MACHINE ON LEFT-RBM FROG

C-LEFT HAND TURNOUT-POWER OPERATED SWITCH-MACHINE ON RIGHT-RBM FROG

D-LEFT HAND TURNOUT-POWER OPERATED SWITCH-MACHINE ON LEFT-RBM FROG

E-RIGHT HAND TURNOUT-POWER OPERATED SWITCH-MACHINE ON RIGHT-SPRING FROG

F-RIGHT HAND TURNOUT-POWER OPERATED SWITCH-MACHINE ON LEFT-SPRING FROG

G-LEFT HAND TURNOUT-POWER OPERATED SWITCH-MACHINE ON RIGHT-SPRING FROG

H-LEFT HAND TURNOUT-POWER OPERATED SWITCH-MACHINE ON LEFT-SPRING FROG

I-RIGHT HAND TURNOUT-HAND OPERATED SWITCH-RBM FROG

J-LEFT HAND TURNOUT-HAND OPERATED SWITCH-RBM FROG

K-RIGHT HAND TURNOUT-HAND OPERATED SWITCH-SPRING FROG

L-LEFT HAND TURNOUT-HAND OPERATED SWITCH-SPRING FROG

M-RIGHT HAND TURNOUT-SPRING SWITCH-RBM FROG

N-LEFT HAND TURNOUT-SPRING SWITCH-RBM FROG

O-RIGHT HAND TURNOUT-SPRING SWITCH-SPRING FROG

P-LEFT HAND TURNOUT-SPRING SWITCH-SPRING FROG

3. FOR OTHER TURNOUT COMBINATIONS SEE INDEX GTS-0000 SHEET 1 TO 3.

4. TURNOUT GEOMETRY, FOR TABLES OF DIMENSIONS AND OFFSETS SEE GTS-0003 NO.12 TURNOUTS

5. SWITCH STANDS ON HAND OPERATED AND SPRING SWITCH TURNOUTS ARE NORMALLY LOCATED ON THE DIVERGING SIDE. PRE-ASSEMBLED TURNOUTS SHALL FOLLOW THIS ARRANGEMENT UNLESS OTHERWISE SPECIFIED WHEN ORDERING.

METRIC CONVERSION: 1 inch=25.4mm, 1 foot=304.8mm

No.	Date	Revision	Added Imperial to Metric Conversion Note	By Approved
1	18/07/21			

Standard NO. 12 TURNOUT-136 LB. RAIL
22"0" SAMSON POINT SWITCH
UNIFORM RISER DESIGN
WOOD TIES

Drawn GS Checked RLB Approved [Signature]
Date SEPT 15/2017 Plan Number GTS-0013AP Rev 1
REFERENCE: TS-0013AP_R5 Sheet 1 OF 1



