



TURNOUT DATA FOR BOLTED TRACK

FROG - R.B.M.

Number	-----	15
Angle	-----	3°-49'-06"
Toe Length	-----	10'-4"
Heel Length	-----	16'-4"
Total Length	-----	26'-8"

SWITCH RAILS

Length	-----	26'-0"
Type	-----	Curved
Switch Angle For Undercut Points	-----	0°-44'-47"
Heel Block Angle	-----	1°-32'-57"
Point of Curve (P.C.)	-----	At Switch Point

LEAD

Point of Switch to 1/2" Point of Frog	-----	111'-2 3/4"
Radius	-----	1853.415'
Degree of Curve	-----	3°-05'-30"
Length of Curved Closure Rail	-----	75'-0"
Length of Straight Closure Rail	-----	74'-10 3/4"

NOTES

- 1- The lines of the diagram indicate gage lines.
- 2- For details see the following plans :-
Switch- 73178-()
Frog-RBM- 74156-() & 74162-()
- 3- For welded turnouts see Plan 73186-() for offsets between the point of switch and the toe of frog.

OFFSETS BEHIND THE HEEL OF FROG

TRACK CENTERS	X	A	B	C	D	E	F	G	H
12'-2"	43'-0 11/16"	2'-11"	4'-1 13/16"	5'-2 5/16"	6'-0 7/16"	6'-8 3/16"	7'-1 3/8"	7'-4 3/4"	7'-5 1/2"
13'-0"	55'-6 9/16"	3'-9"	4'-11 13/16"	6'-0 5/16"	6'-10 7/16"	7'-6 3/16"	7'-11 5/8"	8'-2 3/4"	8'-3 1/2"
14'-0"	70'-6 5/16"	4'-9"	5'-11 13/16"	7'-0 5/16"	7'-10 7/16"	8'-6 3/16"	8'-11 5/8"	9'-2 3/4"	9'-3 1/2"
15'-0"	85'-6 1/8"	5'-9"	6'-11 13/16"	8'-0 5/16"	8'-10 7/16"	9'-6 3/16"	9'-11 5/8"	10'-2 3/4"	10'-3 1/2"
16'-0"	100'-5 15/16"	6'-9"	7'-11 13/16"	9'-0 5/16"	9'-10 7/16"	10'-6 3/16"	10'-11 5/8"	11'-2 3/4"	11'-3 1/2"
17'-0"	115'-5 3/4"	7'-9"	8'-11 13/16"	10'-0 5/16"	10'-10 7/16"	11'-6 3/16"	11'-11 5/8"	12'-2 3/4"	12'-3 1/2"
18'-0"	130'-5 9/16"	8'-9"	9'-11 13/16"	11'-0 5/16"	11'-10 7/16"	12'-6 3/16"	12'-11 5/8"	13'-2 3/4"	13'-3 1/2"
19'-0"	145'-5 5/16"	9'-9"	10'-11 13/16"	12'-0 5/16"	12'-10 7/16"	13'-6 3/16"	13'-11 5/8"	14'-2 3/4"	14'-3 1/2"
20'-0"	160'-5 1/8"	10'-9"	11'-11 13/16"	13'-0 5/16"	13'-10 7/16"	14'-6 3/16"	14'-11 5/8"	15'-2 3/4"	15'-3 1/2"

Values for track centers not shown may be determined by interpolation.



STANDARD

OFFSETS FOR NO.15 TURNOUT
FOR 132R.E. or 140R.E. UNDERCUT SWITCH POINTS

MARCH, 1978

R.H. Smith
Chief Engineer - Maintenance of Way

[Signature]
Chief Engineering Officer