



### TURNOUT DATA

FROG - No. 10 Angle 5°-43'-29"

#### FROG DIMENSIONS

RAIL SECTION	FROG TYPE	LENGTH		TOTAL
		TOE	HEEL	
119	RBM	7'-5"	11'-4"	18'-9"
132-140	RBM	9'-6"	13'-6"	23'-0"
119,132,140	S.G.	3'-9"	7'-7 1/2"	11'-4 1/2"

#### SWITCH RAILS

Length ----- 16'-6"  
 Type ----- Straight  
 Switch Angle For Samson Switch Points ----- 1°-48'-32"  
 Heel Block Angle ----- Same As Switch Angle  
 Point of Switch to P.C. ----- 19'-6 15/16"

#### LEAD

Point of Switch to 1/2" Point of Frog ----- 77'-4 3/4"  
 Degree of Curve ----- 8°-06'-40"  
 Radius ----- 706.965'

#### CLOSURE RAIL DIMENSIONS

RAIL SECTION	FROG TYPE	LENGTH OF CLOSURE RAILS	
		CURVED	STRAIGHT
119	RBM	53'-7 11/16"	53'-5 3/4"
132-140	RBM	51'-6 11/16"	51'-4 3/4"
119,132,140	S.G.	57'-3 11/16"	57'-1 3/4"

#### OFFSETS BEHIND THE HEEL OF FROG

TRACK CENTERS	X	G	H	J	K	L	M	N	O	P
12'-2"	33'-3 7/8"	3'-4 5/8"	4'-3 7/8"	5'-1 5/8"	5'-10"	6'-4 7/8"	6'-10 1/4"	7'-2 1/8"	7'-4 1/2"	7'-5 1/2"
13'-0"	41'-7 5/8"	4'-2 5/8"	5'-1 7/8"	5'-11 5/8"	6'-8"	7'-2 7/8"	7'-8 1/4"	8'-0 1/8"	8'-2 1/2"	8'-3 1/2"
14'-0"	51'-7 3/8"	5'-2 5/8"	6'-1 7/8"	6'-11 5/8"	7'-8"	8'-2 7/8"	8'-8 1/4"	9'-0 1/8"	9'-2 1/2"	9'-3 1/2"
15'-0"	61'-7"	6'-2 5/8"	7'-1 7/8"	7'-11 5/8"	8'-8"	9'-2 7/8"	9'-8 1/4"	10'-0 1/8"	10'-2 1/2"	10'-3 1/2"
16'-0"	71'-6 3/4"	7'-2 5/8"	8'-1 7/8"	8'-11 5/8"	9'-8"	10'-2 7/8"	10'-8 1/4"	11'-0 1/8"	11'-2 1/2"	11'-3 1/2"
17'-0"	81'-6 1/2"	8'-2 5/8"	9'-1 7/8"	9'-11 5/8"	10'-8"	11'-2 7/8"	11'-8 1/4"	12'-0 1/8"	12'-2 1/2"	12'-3 1/2"
18'-0"	91'-6 1/8"	9'-2 5/8"	10'-1 7/8"	10'-11 5/8"	11'-8"	12'-2 7/8"	12'-8 1/4"	13'-0 1/8"	13'-2 1/2"	13'-3 1/2"
19'-0"	101'-5 7/8"	10'-2 5/8"	11'-1 7/8"	11'-11 5/8"	12'-8"	13'-2 7/8"	13'-8 1/4"	14'-0 1/8"	14'-2 1/2"	14'-3 1/2"
20'-0"	111'-5 1/2"	11'-2 5/8"	12'-1 7/8"	12'-11 5/8"	13'-8"	14'-2 7/8"	14'-8 1/4"	15'-0 1/8"	15'-2 1/2"	15'-3 1/2"

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



### STANDARD OFFSETS FOR NO. 10 TURNOUT 119, 132 or 140 R.E. RAIL - UNDERCUT

MARCH, 1978

*Rob Smith*  
Chief Engineer - Maintenance of Way

*Bob Gordon*  
Chief Engineering Officer