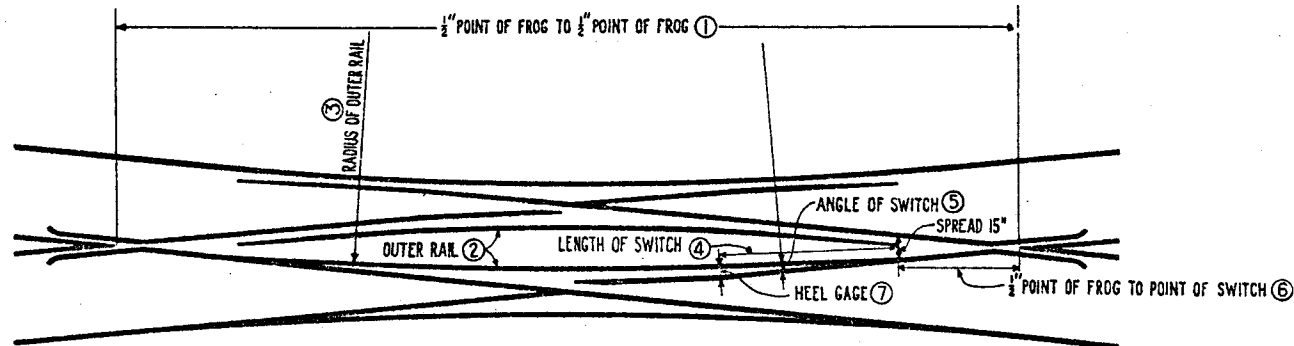


TURNOUTS									CROSSOVERS						LADDER TRACKS						
FROG NO.	LEAD POINT OF SWITCH TO 1/2 POINT OF FROG ①	DEGREE OF CURVE OF OUTER RAIL ②	RADIUS OF OUTER RAIL ③	DISTANCE - HEEL OF SWITCH TO TOE OF FROG ON CURVED LEAD ④	FROG		SWITCH		DISTANCE BETWEEN FROG POINTS ⑨						DISTANCE BETWEEN FROG POINTS ⑩					FROG NO.	
					ANGLE ⑤	1/2 PT. TO P.T. ⑥	LENGTH ⑦	ANGLE ⑧	TRACK CENTERS						TRACK CENTERS						
									12'-2"	13'-0"	14'-0"	16'-0"	17'-0"	19'-0"	12'-2"	13'-0"	14'-0"	17'-0"	20'-0"		
5289	41.84'	32°-45'-03.5"	177.35'	25.16'	10°-49'-00.0"	7'-0"	10'	2°-41'-12.2"													5289
6	45.98'	23°-32'-13.5"	245.15'	29.27'	9°-31'-38.4"	7'-0"	10'	2°-41'-12.2"	15.49'	20.46'	26.42'	38.33'	44.29'	56.21'	73.51'	78.54'	84.58'	102.71'	120.83'	6	
8	69.91'	12°-34'-16.0"	456.69'	44.28'	7°-09'-09.7"	7'-0"	18'	1°-29'-32.1"	20.95'	27.59'	35.56'	51.50'	59.47'	75.41'	97.71'	104.41'	112.44'	136.53'	160.63'	8	
10	81.61'	7°-27'-37.4"	768.54'	55.77'	5°-43'-29.3"	7'-0"	18'	1°-29'-32.1"	26.36'	34.67'	44.65'	64.60'	74.58'	94.53'	121.98'	130.33'	140.35'	170.43'	200.50'	10	
15	130.04'	3°-06'-18.8"	1845.37'	94.14'	3°-49'-05.9"	6'-0"	30'	0°-53'-43.0"	39.80'	52.28'	67.27'	97.23'	112.22'	142.18'	182.70'	195.22'	210.23'	255.28'	300.33'	15	
20	156.03'	1°-39'-53.2"	3441.79'	118.27'	2°-51'-51.1"	7'-10"	30'	0°-53'-43.0"	53.18'	69.84'	89.83'	129.80'	149.79'	189.76'	243.49'	260.16'	280.17'	340.21'	400.25'	20	



NOTE:-
The lines of the diagrams indicate gage lines only.

SLIP CROSSINGS							
FROG NO.	1/2 POINT OF FROG TO 1/2 POINT OF FROG ①	DEGREE OF CURVE OF OUTER RAIL ②	RADIUS OF OUTER RAIL ③	LENGTH OF SWITCH ④	ANGLE OF SWITCH ⑤	1/2 POINT OF FROG TO POINT OF SWITCH ⑥	HEEL GAGE ⑦
6	57.70'	11°-56'-39.0"	480.57'	10'-0"	2°-44'-45.0"	7.75'	6 3/16"
8	76.15'	8°-14'-02.0"	696.45'	15'-0"	1°-49'-48.2"	10.33'	6 3/8"
10	95.12'	4°-59'-09.0"	1149.54'	18'-6"	1°-31'-31.5"	12.92'	6 3/8"
15	142.58'	2°-22'-08.6"	2418.68'	28'-0"	0°-57'-33.4"	19.38'	6 3/8"
20	190.06'	0°-56'-58.5"	6033.83'	30'-0"	0°-53'-43.0"	25.83'	6"

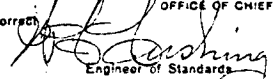
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THE PENNSYLVANIA RAILROAD
STANDARD

TABLES OF DIMENSIONS OF
TURNOUTS, CROSSOVERS, SLIP CROSSINGS
AND LADDER TRACKS FROM TANGENT TRACK

OFFICE OF CHIEF ENGINEER, PHILA., PA., MAY, 1927

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