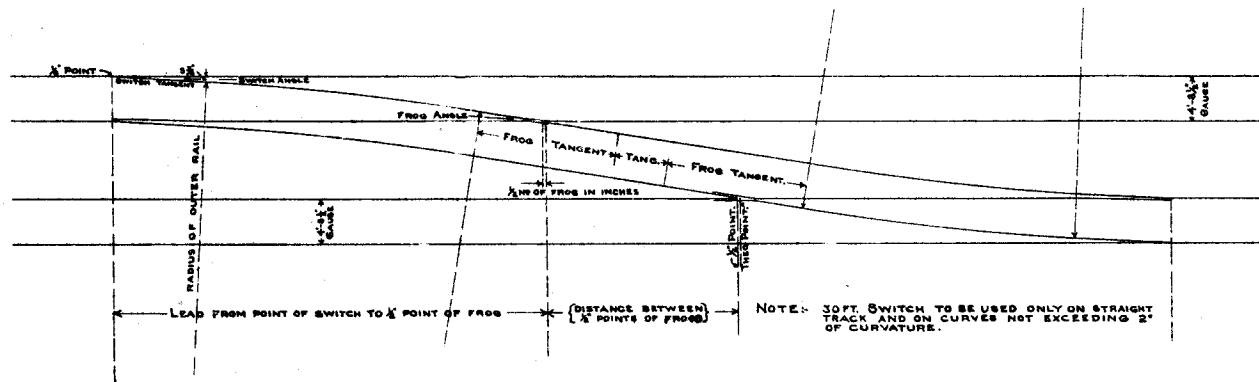




LADDER TRACKS				
DISTANCE BETWEEN FROG POINTS				
FROG NO.	12'-2"	13'-0"	15'-0"	20'-0"
6	73.51	78.54	90.62	120.83
8	97.71	104.41	120.47	160.63
10	121.98	130.33	150.38	200.50
15	182.70	195.22	225.25	300.33

USES OF FROGS.

- NS
 6 ONLY WHERE LOCAL CONDITIONS REQUIRE.
 8 ALL LADDERS, YARD CROSSOVERS, MAIN TRACK TURNOUTS, AND INTERLOCKINGS ONLY AT TERMINALS OR AT POINTS WHERE SPEED IS NOT OVER 15 MILES PER HOUR.
 10 MAIN TRACK CROSSOVERS, AT ENDS OF MIDDLE TRACKS, AND PASSING SIDINGS WHEN NOT INTERLOCKED, AT TERMINALS WHERE SPEED IS NOT MORE THAN 15 MILES PER HOUR.
 15 FOR ALL INTERLOCKED RUNNING TRACKS NORMALLY FOR FREIGHT MOVEMENTS OR WHERE SPEED IS NOT MORE THAN 25 MILES PER HOUR.
 20 FOR ALL INTERLOCKED RUNNING TRACKS WHERE OTHER CONDITIONS DO NOT ORDINARILY NECESSITATE SPEED REDUCTION.

NOTE: NO FROG NUMBER GREATER THAN 20 OR LESS THAN 6 TO BE USED WITHOUT SPECIAL PERMISSION.

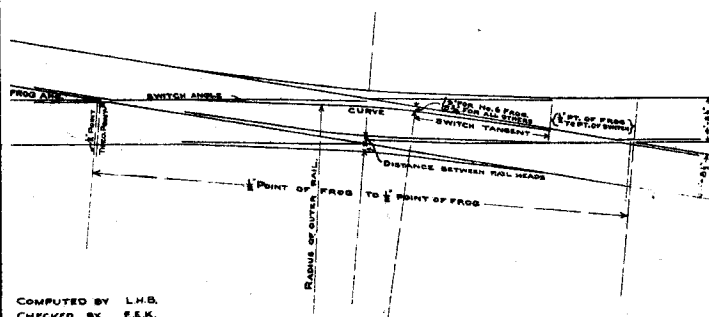
TURNOUTS AND CROSSOVERS.									
FROG NO.	LEAD FROM POINT OF SWITCH TO 1/2 POINT OF FROG	DEGREE OF CURVE OF OUTER RAIL.	RADIUS OF OUTER RAIL.	CHORD OF CURVED OUTER RAIL.	FROG ANGLE.	SWITCH LENGTH TO 1/2 POINT.	SWITCH ANGLE.	CROSSOVERS	
6	45.98	23-32-13.5	245.15	29.25	9-31-38.4	7-0	10	2-41-12.2	15.49 20.46
8	69.91	12-34-16.0	456.69	45.10	7-09-09.7	7-0	18	1-29-32.1	20.95 27.59
10	81.61	7-27-37.4	768.54	56.76	5-43-29.3	7-0	18	1-29-32.1	26.36 34.67
15	107.46	2-47-01.2	2058.49	83.56	3-49-05.9	6-0	18	1-29-32.1	39.80 52.28
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



58091

P. R. R. STANDARD TABLE OF ACTUAL DIMENSIONS OF TURNOUTS, CROSSOVERS, SLIP-SWITCHES & LADDER TRACKS FROM TANGENT

0' 8' 16' 24' DECEMBER 1904



SLIP SWITCHES									
FROG NO.	LENGTH OF SWITCH.	ANGLE OF SWITCH.	1/2 PT. OF FROG TO PT. OF SWITCH.	1/2 PT. OF FROG TO PT. OF FROG.	DEGREE OF CURVE OF OUTER RAIL.	RADIUS OF OUTER RAIL.	CHORD OF CURVED OUTER RAIL.	1/2 DIST. BETWEEN HEADS OF CURVED OUTER RAIL.	1/2 DIST. BETWEEN HEADS OF CURVED OUTER RAIL.
6	14' 6"	2-57-53.6	9.25	57.20	37-43-17.4	154.67	9.71	10 1/2'	
8	15' 0"	1-49-50.1	12.33	76.15	16-17-47.2	352.77	21.49	9 1/2'	
10	18' 0"	1-31-31.5	15.42	95.12	9-27-38.3	606.31	28.29	9 1/2'	
15	24' 0"	1-08-38.4	23.13	142.58	3-09-58.6	1809.67	48.33	10 1/2'	

Correct *[Signature]*
ENGINEER M. W.

Approved *[Signature]*
CHIEF ENGINEER M. W.

Approved *[Signature]*
GENERAL MANAGER

COMPUTED BY L.H.B.
CHECKED BY E.E.K.