



## New and Relay Ties

6" x 8" – 8'-6"  
7" x 9" – 8'-6"

## Tie Plugs

500 per Bundle



## Switch Ties

Bill of Switch Ties for Turnouts with Straight Switches

Frog Number	Length of Switch Rail	Toe Length to 1/2" Pt.	Lead P.S. to 1/2" Pt.	Length and Quantities of Ties																Quantity of Ties	Board Measure	Track Lengths of Cross Ties Replaced
				9'	9 1/2'	10'	10 1/2'	11'	11 1/2'	12'	12 1/2'	13'	13 1/2'	14'	14 1/2'	15'	15 1/2'	16'	16 1/2'			
5	11'0"	3'-6 1/2"	42'-6 1/2"	4	6	3	3	2	1	2	1	2	1	1	2	3	2	2	2	37	2352	60'-11"
6	11'0"	3'-9"	47'-6"	4	6	3	3	2	3	2	1	2	1	2	2	3	3	2	2	41	2628	69'-8"
7	16'6"	4'-8 1/2"	62'-1"	7	9	4	3	3	3	2	1	2	2	2	2	4	3	3	2	52	3263	88'-0"
8	16'6"	5'-1"	68'-0"	7	9	4	3	3	4	2	1	3	2	3	2	5	3	3	3	57	3630	97'-8"
9	16'6"	6'-4 1/2"	72'-3 1/2"	7	9	4	4	3	4	3	3	3	3	2	3	5	3	3	4	63	4041	105'-8"
10	16'6"	6'-5"	78'-9"	7	10	5	4	4	4	3	3	3	3	3	3	4	4	4	4	68	4360	115'-11"
11	22'0"	7'-0"	91'-10 1/4"	10	10	7	4	5	5	3	4	4	3	3	3	5	5	3	4	78	4935	132'-9"
12	22'0"	7'-9 1/2"	96'-8"	10	10	7	5	5	5	4	4	4	3	4	3	6	5	4	4	83	5289	141'-4"
14	22'0"	8'-7 1/2"	107'-0 3/4"	10	10	7	6	7	6	4	4	5	4	4	5	6	6	5	5	94	6064	159'-2"
15	30'0"	9'-5"	126'-4 1/2"	15	12	9	8	7	6	5	5	5	5	4	5	6	6	6	6	110	6985	182'-3"
16	30'0"	9'-5"	131'-4"	15	12	9	8	7	6	6	7	5	6	5	4	6	6	6	6	114	7232	191'-0"
18	30'0"	11'-0 1/2"	140'-11 1/2"	15	14	10	9	8	7	5	5	6	6	5	6	7	7	7	7	124	7930	208'-1"
20	30'0"	11'-0 1/2"	151'-11 1/2"	15	15	11	10	9	6	6	5	7	6	5	7	3	9	7	7	133	8534	226'-7"

