

# General Information & Terms

## RAIL ACCESSORIES REQUIRED PER TRACK MILE (5280')

Tie Spacing	24"	22"	21"	20"	19"
Number of ties per mile	2,640	2,880	3,017	3,168	3,335
Number of tie plates per mile	5,280	5,760	6,034	6,336	6,670
Number of spikes per mile					
2 per plate	10,560	11,520	12,068	12,672	13,340
3 per plate	15,840	17,280	18,102	19,008	20,101
4 per plate	21,120	23,040	24,136	25,344	26,680
Number of anchors per mile					
every other tie boxed	5,280	5,760	6,034	6,336	6,670
every 3rd tie boxed	3,520	3,840	4,024	4,224	4,448
	<b>39' rails</b>		<b>36' rails</b>		<b>33' rails</b>
Number of rails per mile	270		294		320
pairs of bars per mile	270		294		320
Number of bolts per mile					
6-hole bars	1620		1764		1920
4-hole bars	1080		1176		1280

## DATA FOR CALCULATING RAIL TONNAGES

Nominal Weight and Section	Theoretical Weight/Yard	Feet/Ton of Rail	Tons/Foot of Rail	Tons/Mile of Track
140RE	140.6 lb.	42.67	.023436	247.48
136RE	136.2	44.05	.022701	239.72
133RE	133.4	44.98	.022232	234.77
132RE	132.1	45.42	.022017	232.50
131RE	130.8	45.87	.021801	230.22
130RE	129.6	46.30	.021598	228.07
119RE	118.8	50.51	.019798	209.07
115RE	114.7	52.31	.019117	201.88
112RE	112.3	53.43	.018716	197.64
110RE	110.4	54.35	.018399	194.29
100RE	101.5	59.11	.016918	178.65
100RA-A	100.4	59.76	.016734	176.71
90RA-A	90.0	66.67	.014999	158.39
100RA-B	100.5	59.70	.016750	176.88
90RA-B	90.5	66.30	.015083	159.28
90ASCE	90.1	66.59	.015017	158.58
85ASCE	85.0	70.59	.014166	149.59
80ASCE	80.2	74.51	.013367	141.16
75ASCE	75.4	79.58	.012566	132.70
70ASCE	70.4	85.23	.011733	123.90
65ASCE	65.4	91.74	.010900	115.10
60ASCE	60.4	99.34	.010066	106.30

