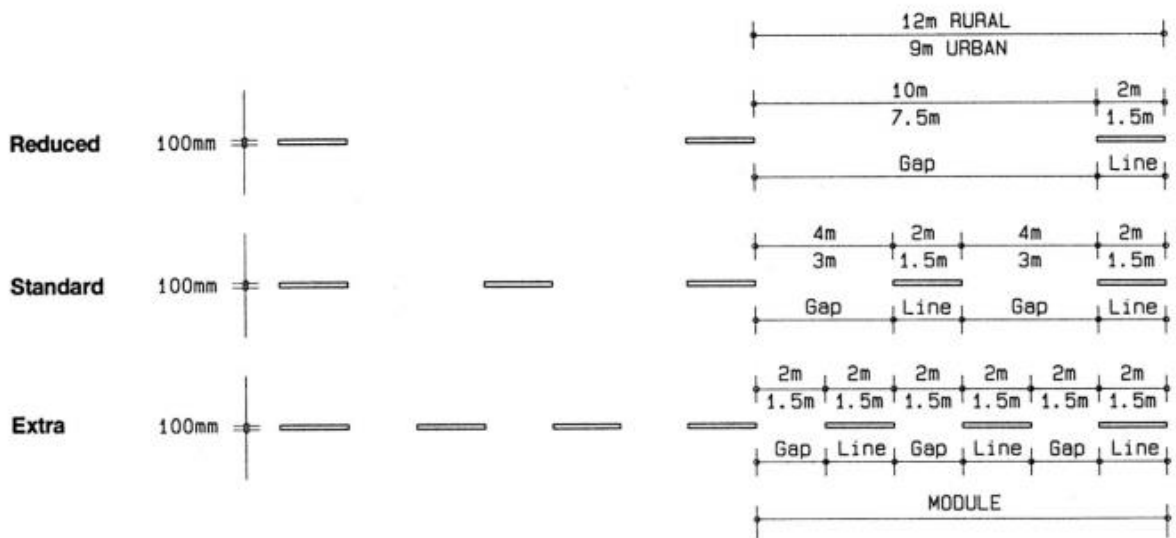


## Regularity Rallying White lines

In the last article I touched on counting White lines as a means of determining your speed. For me this has been another of those hidden techniques that are only mastered by a few, but thanks to those that have aided my appreciation.

Before getting into the details just appreciate that counting lines is only going to give you your spot speed, but at least it's better than just driving by the seat of your pants, especially on those horribly slow sections with no other markers to guide you.

From the research done there are number of variations in terms of the white line markings, but there is a common denominator which based on a module of 12 metres, why 12 metres, I have no idea as it does not seem to be a divisible of a km or a mile.



Extracted from the South African Roads Traffic Signs Manual

The **Reduced** layout is the one used to formulate the tables below, if you encounter **Standard** lines then simply halve the speed, more lines per time.

## SPEED COUNTING WHITE LINES

Lines	10	15	17	25
Distance	0.12	0.18	0.204	0.3
Speed	SECONDS			
10	43.2	64.8	73.4	108.0
11	39.3	58.9	66.8	98.2
12	36.0	54.0	61.2	90.0
13	33.2	49.8	56.5	83.1
14	30.9	46.3	52.5	77.1
15	28.8	43.2	49.0	72.0

### How it works

Start your stopwatch and start counting, stop or lap your stopwatch at the end of the count, read off the seconds and compare to the chart for the speed.

The trick is how many lines to count, the more you count the more accurate the result, the less you count the quicker the result before making any speed adjustment.

**Lines:** the number you are going to count.

17 is included as it's the number that has been understood by some complementing 200 metres, as the true distance is greater an error results of about 0,5 km/h, not much but it all adds up and every second or error counts.

In the tables for 17 lines the true distance/time is given.

**Distance:** the number of Modules (lines) per unit distance

**Seconds and speed:** if after 15 counts you recorded 43.2 seconds then your speed is 15km/h.

If the White lines are "Standard" then for the same count over the same period, 43.2 seconds, your speed will only be 7.5km/h. The count representing half the distance compared to the "Reduced" layout.

A complete table is available for those interested, if not printed below which, you can copy and fold in half making a handy little A5 card.

Happy counting

Roger Lewis

**SPEED COUNTING WHITE LINES**

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13	33.2	49.8	56.5	83.1
14	30.9	46.3	52.5	77.1
15	28.8	43.2	49.0	72.0
16	27.0	40.5	45.9	67.5
17	25.4	38.1	43.2	63.5
18	24.0	36.0	40.8	60.0
19	22.7	34.1	38.7	56.8
20	21.6	32.4	36.7	54.0
21	20.6	30.9	35.0	51.4
22	19.6	29.5	33.4	49.1
23	18.8	28.2	31.9	47.0
24	18.0	27.0	30.6	45.0
25	17.3	25.9	29.4	43.2
26	16.6	24.9	28.2	41.5
27	16.0	24.0	27.2	40.0
28	15.4	23.1	26.2	38.6
29	14.9	22.3	25.3	37.2
30	14.4	21.6	24.5	36.0
31	13.9	20.9	23.7	34.8
32	13.5	20.3	23.0	33.8
33	13.1	19.6	22.3	32.7
34	12.7	19.1	21.6	31.8
35	12.3	18.5	21.0	30.9
36	12.0	18.0	20.4	30.0
37	11.7	17.5	19.8	29.2
38	11.4	17.1	19.3	28.4
39	11.1	16.6	18.8	27.7

Based on markings every 12m  
For 6m markings halve the Speed

**SPEED COUNTING WHITE LINES**

Lines	10	15	17	25
Distance	0.12	0.18	0.204	0.3
Speed	SECONDS			
40	10.8	16.2	18.4	27.0
41	10.5	15.8	17.9	26.3
42	10.3	15.4	17.5	25.7
43	10.0	15.1	17.1	25.1
44	9.8	14.7	16.7	24.5
45	9.6	14.4	16.3	24.0
46	9.4	14.1	16.0	23.5
47	9.2	13.8	15.6	23.0
48	9.0	13.5	15.3	22.5
49	8.8	13.2	15.0	22.0
50	8.6	13.0	14.7	21.6
51	8.5	12.7	14.4	21.2
52	8.3	12.5	14.1	20.8
53	8.2	12.2	13.9	20.4
54	8.0	12.0	13.6	20.0
55	7.9	11.8	13.4	19.6
56	7.7	11.6	13.1	19.3
57	7.6	11.4	12.9	18.9
58	7.4	11.2	12.7	18.6
59	7.3	11.0	12.4	18.3
60	7.2	10.8	12.2	18.0
61	7.1	10.6	12.0	17.7
62	7.0	10.5	11.8	17.4
63	6.9	10.3	11.7	17.1
64	6.8	10.1	11.5	16.9
65	6.6	10.0	11.3	16.6
66	6.5	9.8	11.1	16.4
67	6.4	9.7	11.0	16.1
68	6.4	9.5	10.8	15.9
69	6.3	9.4	10.6	15.7

Based on markings every 12m  
For 6m markings halve the Speed