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Class	AADT of 4-wheeled vehicles	Width of running surface (m)	Sub class	PCUs of non 4- wheeled vehicles	Width of shoulders (m)	Total width (m)
RR 1	200 to 500	6.0	А	>300	1.5	9.0
		6.0	В	< 300	1.0	8.0
RR 2	100 to 200	5.0	А	> 300	1.5	8.0
KK 2		5.0	В	< 300	1.0	7.0
DD 2	20 += 100	3.5	А	> 300	1.5	6.5
KK 5	50 10 100	3.5	В	< 300	1.0	5.5
DD 4	5 45 20	3.0	А	> 300	1.0	5.0
KK 4	5 to 50	3.0	В	< 300	0.75	4.5
DD 5		2.5	А	>300	1.0	4.5
KK 5	< 5	2.5	В	<300	0.75	4.0
<b>S</b> L		0	EB			AC









## Design speed (km/h)

Classification	Flat	Rolling	Mountainous
Rural Road RR 1	60	50	40
Rural Road RR 2	50	40	30
Rural Road RR 3	50	40	30
Rural Road RR 4	50	40	30
Rural Road RR 5	30	30	20







Design ground (Irm/h)	30	40	50	60
Stonning distance (m)	25.25	40	50 75	65 100
Recommendations (unsealed)	25-55	50 -55	70	05-100
Recommendations (sealed)	30	40	50	65

Minimum rad	ii of	curv	ature	Э
Sealed roads				
Design speed (km/h)	30	40	50	60
Minimum horizontal radius for SE = 4%	32	59	97	150
Minimum horizontal radius for SE = 7%	20	39	70	112
Minimum horizontal radius for SE = 10%	18	35	63	97
Unsealed roads				
Design speed (km/h)	30	40	50	60
Minimum horizontal radius for SE = 4%	35	67	110	165
Minimum horizontal radius for $SE = 7\%$	31	60	100	150











## SEACAP road trials

Although the research is ongoing there is sufficient evidence to identify the most effective solutions and, just as importantly, those that should not be used until more evidence is available of long-term performance.



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Layer	Structure 1	Structure 2	Structure 3	Structure 4
Surface	Gravel	DBST or Otta	Pen Mac	Concrete
Road base		WBM, DBM, GCS, Stabilised	WBM, DBM, GCS, Stabilised	-
Sub-base		Gravel	Gravel	Gravel
Selected Fill <sup>1</sup> where required		CBR > 10%	CBR > 10%	CBR > 10%







	ADT (sum of	Cumulative mes	a (one direction)
Class	both directions)	High load option	Low load option
RR 1	200 - 500	1.3	0.5
RR 2	100 - 200	0.5	0.1
RR 3	30-100	0.25	0.05
RR 4	5 - 30	0.1	0.02
RR 5	0 - 5	0.02	Very low







