

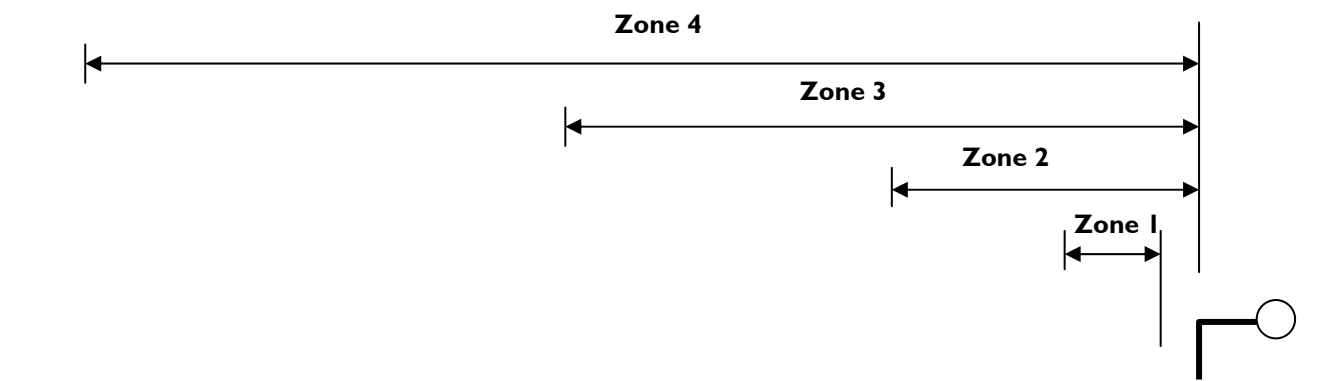
SIGNAL SIGHTING TABLE



Remember:

Vegetation, Background Lighting, Alignment due to Ground Movement, Signal Damage, Signal Painting – especially Backboards, Identification Plate.

Zone	Zone Requirements	Action Required when Distance not Achieved
Zone 1	No interruption of Drivers view whatsoever	Restriction must be applied
Zone 2	Preferably no sources of interruption	Restriction must be applied
Zone 3	Interruptions may be acceptable for short durations	Consider applying restrictions/remedial actions following discussion with the ZSE
Zone 4	Preferred distance for vegetation clearance	No immediate action. However this is the preferred clearance distance at 5 metres from the running edge of the cess rail. Where practical this distance should be achieved.



SIGNAL SIGHTING DISTANCES

Speed MPH	Zone 1	Zone 2		Zone 3		Zone 4	
	Stopping Zone	Uninterrupted Viewing		Minimum Reading Time		Preferred Minimum Distance in Rear of Signal for Vegetation to be Cleared	
		Four Seconds		Eight Seconds			
		Yards	Metres	Yards	Metres	Yards	Metres
25 or less	40 metres or 1 sec	50	45	100	90	500	450
30	“	60	55	120	110	500	450
35	“	70	65	140	130	500	450
40	“	80	75	160	150	500	450
45	“	90	85	180	170	500	450
50	“	100	90	200	180	500	450
55	“	110	100	220	200	500	450
60	“	120	110	240	220	500	450
65	“	130	120	260	240	500	450
70	“	140	130	280	260	500	450
75	“	150	140	300	280	500	450
80	“	160	145	320	290	500	450
85	“	170	155	340	310	500	450
90	“	180	165	360	330	500	450
95	“	190	175	380	350	500	450
100	“	200	185	400	370	625	575
105	“	210	190	420	380	625	575
110	“	220	200	440	400	625	575
115	“	230	210	460	420	625	575
120	“	240	220	480	440	625	575
125	“	250	230	500	460	625	575
130	“	260	240	520	480	700	650
135	“	270	245	540	490	700	650
140	“	280	255	560	510	700	650

Distances quoted are the MIMIMUM distances to be achieved unless a Signal Sighting Form is available and details differ. Where these distances are not achieved and remedial action cannot be undertaken easily, e.g. permanent structure such as a bridge obstructing sighting, your manager should be informed.

Distances should be increased where the potential exists to reduce the risk of Signals Passed at Danger especially at those where SPAD's have occurred.