



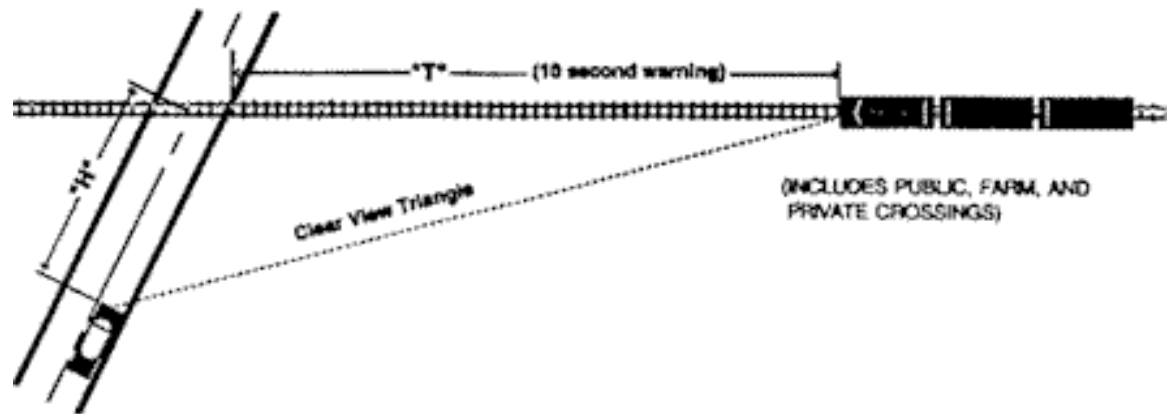
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Minimum Railway/Road Crossing Sightline Requirements For All Grade Crossings Without Automatic Warning Devices G4-A

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[Minimum Railway/Road Crossing Sightline Requirements For All Grade Crossings Without Automatic Warning Devices \(large diagram\) \(13kb\).](#)

ROAD		
Maximum Vehicle Speed (km/h)	Distance* <<H>>	
	Desirable (metres)	Minimum (metres)
Stop	8	--
20	20	15
30	30	20
40	45	35
50	65	50
60	85	70
70	110	90
80	140	120
90	170	145

100	200	175
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RAIL		
Maximum	Minimum*	
Train	Distance	
	<<T>>	
Speed (m/h)	feet	(metres)
Stop	100	(30)
20	300	(91)
30	450	(136)
40	600	(182)
50	750	(227)
60	900	(273)
70	1050	(318)
80	1200	(364)
90	1350	(409)
100	1500	(455)

* To be increased as required by Notes 3 and 4 below.

To Establish Required Clear View Area

1. Use maximum allowable train and vehicle speeds.
2. View between 1.1 m above road (eye level) to track level.
3. Where gradients within 8 m of rail exceed 5% **or** heavy or long vehicles regularly cross, clear view from a vehicle stopped at the crossing **must also** extend a minimum of 50% beyond "T", and more if necessary, so stopped vehicles have sufficient time to start up and cross safely.
4. Where heavy vehicles operate on long descending approaches, increase "H" to 'stopping sight distances'.
5. If clear view cannot be achieved for existing speeds, reduce speed of vehicles or trains until such time as an automatic warning system can be installed.



