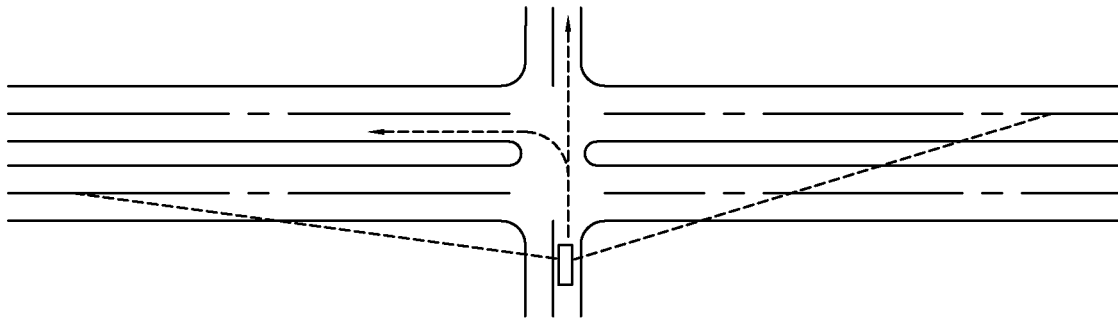




Height of Eye – 1.05 m above approach surface. (Use average 0.80 m above through highway surface)

Height of Object – as listed below.

Position of Eye – 6 metres from edge of nearest driving lane.

THE DESIRABLE MINIMUM SIGHT DISTANCE MEASURED TO THE ROAD SURFACE SHALL BE 370 METRES

The minimum sight distance will be as follows:

DESIGN SPEED km/h	SIGHT DISTANCE – metres				HEIGHT OF OBJECT
	MEDIAN WIDTH – metres				
	0	5	8	OVER 8	
50	110	115	120	100	Road Surface
60	130	140	145	120	Road Surface
70	150	165	170	140	Road Surface
80	170	185	195	160	Road Surface
90	195	210	220	180	Road Surface
100	215	235	245	200	Road Surface
110	235	255	270	220	Road Surface
120	260	280	290	240	Road Surface
130	280	305	315	260	Road Surface

- For 6-lane highways, increase the above distances by 7%.
- Where there is a significant number of single unit (SU), tractor-semitrailer or longer vehicles, sight distance should be checked using Standard Plan 20632.
- The above criterion will apply to all intersections with the exception of farm approaches, approaches to ungraded municipal roads or graded municipal roads serving two or less farmsites.
- For approaches listed in (3), the desirable sight distance is as outlined. However, should the cost be excessive, sight distance may be reduced to the minimum sight distance using a height of object of 0.6 metres.
- This standard does not apply to interchanges with at-grade ramp terminals.
- For additional information please refer to SKS 9.7-A & SKS 9.9-B.



SIGHT DISTANCE FOR ENTERING VEHICLES AT GRADE INTERSECTION MULTI-LANE HIGHWAY

REVISION HISTORY		DATE	INIT	RECOMMENDED BY:	ORIGINAL SIGNED BY: DIRECTOR TECH. STDS. & POLICIES	DATE	11/06/1975	STANDARD PLAN NO	20631
A. Format and Admin update		06/27/2025	TA	APPROVED BY:	ORIGINAL SIGNED BY: ASSIST. DEPUTY MINISTER OPERATION DIVISION	DATE	11/06/1975	SHEET	1 OF 1