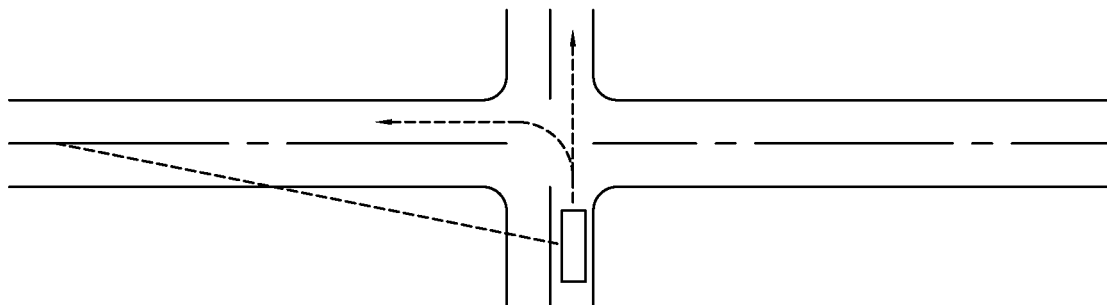




Height of Eye – 1.05 m above approach surface. (Use average 0.80 m above through highway surface)

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

Height of Object – as listed below.

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)	DISTANCE (metres)	HEIGHT OF OBJECT
50	100	Road Surface
60	120	Road Surface
70	140	Road Surface
80	160	Road Surface
90	180	Road Surface
100	200	Road Surface
110	220	Road Surface
120	240	Road Surface
130	260	Road Surface

1. 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.
2. For approaches listed in (1), 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.
3. This standard does not apply to interchanges with at-grade ramp terminals.
4. Where the minimum standard results in considerable cost, details should be referred to Head Office for consideration of a reduction of minimum.
5. Where there is a significant number of single unit (SU), tractor-semitrailer or longer vehicles, sight distance should be checked using Standard Plan 20632.
6. For additional information please refer to SKS 9.9–A & SKS 9.9–B.



SIGHT DISTANCE FOR ENTERING VEHICLES AT GRADE INTERSECTION 2 LANE HIGHWAY

REVISION HISTORY	DATE	INIT	RECOMMENDED BY:	ORIGINAL SIGNED BY: DIRECTOR TECH. STDS. & POLICIES	DATE	11/07/1975	STANDARD PLAN NO	20630
A. Format and Admin update	06/27/2025	TA	APPROVED BY:	ORIGINAL SIGNED BY: ASSIST. DEPUTY MINISTER OPERATION DIVISION	DATE	11/07/1975	SHEET	1 OF 1