

SIGHT DISTANCE

Sight distances exceeding those shown in Table C-1-3M should be used as the basis for design wherever practical. When a highway is on a grade, the equation for braking distance should be modified in accordance with AASHTO's A Policy on Geometric Design of Highways and Streets.

The following tables are to be used in developing plans for all roadway systems:

Height of Eye 1.08 m							Height of Object 0.6 m			
DESIGN SPEED (KM/H)TT	30	40	50	60	70	80	90	100	110	120
MINIMUM SIGHT DISTANCE (M)	35	50	65	85	105	130	160	185	220	250
MINIMUM K VALUE FOR:										
CREST VERTICAL CURVES	2	4	7	11	17	26	39	52	74	95
SAG VERTICAL CURVES	6	9	13	18	23	30	38	45	55	63

STOPPING SIGHT DISTANCE

TABLE C-1-3M

K Value is a coefficient by which the algebraic difference in grade may be multiplied to determine the length in feet of the vertical curve that will provide minimum sight distance.

Height of Eye 1.08 m				Height of Object 1.08 m			
Design Speed (km/h)**	50	60	70	80	90	100	110
MINIMUM SIGHT DISTANCE (M)	345	410	485	540	615	670	730

PASSING SIGHT DISTANCE

TABLE C-1-4M

**For all tables, if the Design Speed is unknown, it may be assumed to be the posted speed limit unless the operating speed is lower at that point.