

MINIMUM INTERSECTION SIGHT DISTANCE

DESIGN SPEED	MISD	K-CREST VERT. CURVE
70	950	300
65	875	250
60	825	220
55	750	185
50	700	160
45	625	125
40	575	110
35	500	80
30	450	65
25	375	45
20	300	30

INTERSECTION SIGHT DISTANCE IS DEFINED AS THE SIGHT DISTANCE NEEDED ALONG THE MAIN ROADWAY FOR A CAR ENTERING FROM A CROSSROAD TO MAKE A LEFT TURN ONTO THE MAIN ROADWAY WHILE CLEARING TRAFFIC APPROACHING FROM THE LEFT.

(AASHTO CASE III-B-1)

K VALUES INDICATE THE RATIO OF CURVE LENGTH TO THE ALGEBRAIC DIFFERENCE IN TANGENT GRADIENTS.

K VALUES FOR INTERSECTION SIGHT DISTANCE IS BASED ON A 3.5' HEIGHT OF EYE AND A 4.25' OBJECT HEIGHT.



OFFICE OF THE
**MEDINA COUNTY
ENGINEER**

INTERSECTION SIGHT DISTANCE

STANDARD
DRAWING
FIGURE 11