

Figure 1

SIGHT TRIANGLE REQUIREMENT STOP-CONTROLLED INTERSECTION

¹ DISTANCE "a" CALCULATED PER AASHTO, CASE III B. ASSUMES FLAT GRADES AT INTERSECTION. WHERE THE GRADES OF THE INTERSECTION LEGS ARE OTHER THAN FLAT, CORRECTIONS SHOULD BE MADE TO THE SIGHT DISTANCES PER AASHTO TABLE IX-9.

² USE TRUCK SIGHT DISTANCES IN COMMERCIAL AND INDUSTRIAL ZONED AREAS.

OPERATING SPEED (MPH)		25	30	35	40	45	50
DISTANCE a^1 (FEET)	TRUCK ²	490	645	820	1020	1340	1710
	PASSENGER CAR	300	375	470	580	700	840

