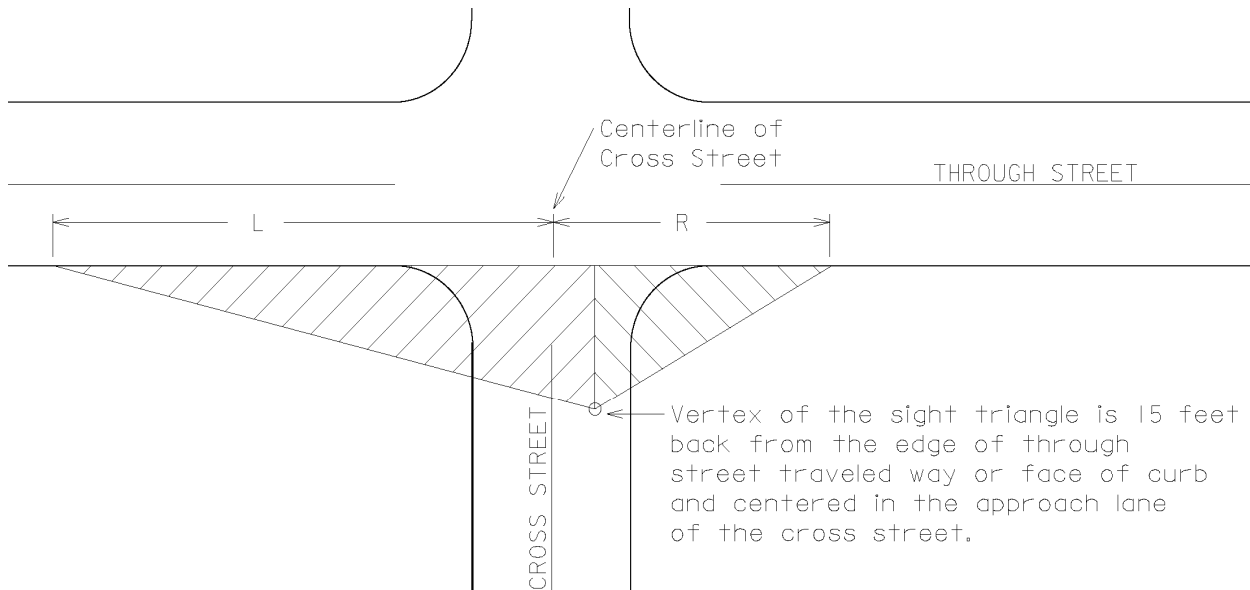


City of Tempe Intersection Sight Distance



Speed Limit on Through Street	Through Street Cross Section	L (feet)	R (feet)
25 MPH	Collector Street (41 feet back of curb)	195	125
	Collector Street (49 feet back of curb)	180	110
30 MPH	Collector Street (41 feet back of curb)	225	140
	Collector Street (49 feet back of curb)	210	125
35 MPH	Collector Street (41 feet back of curb)	260	160
	Collector Street (49 feet back of curb)	240	140
	Arterial with 2 lanes to the left of cross street	330	140
	Arterial with 3 lanes to the left of cross street	350	125
40 MPH	Arterial with 2 lanes to the left of cross street	370	155
	Arterial with 3 lanes to the left of cross street	395	140
45 MPH	Arterial with 2 lanes to the left of cross street	415	175
	Arterial with 3 lanes to the left of cross street	440	155

These requirements apply to all streets, alleys or driveways that intersect a public collector or arterial street.

Values of "L" and "R" are measured from the centerline of the cross street along the face of curb or edge of traveled way of the through street and are based on AASHTO Geometric Design of Highways and Street 2004 Intersection Sight Distance for Left Turn Maneuvers from a Stop, Level Grade, Passenger Car and design speed of 5 mph over the posted speed limit.

Hatched areas must be clear of obstructions that might block a driver's view of potentially conflicting vehicles. Landscaping should be 2 feet or less in height. Multi-trunk trees should be eliminated from this area and any trees planted must be trimmed up to at least 8 feet. The spacing of trees in this area could create a picket fence effect if planted to closely together.