

**Sight Distance Triangles/Required Clear Zones**

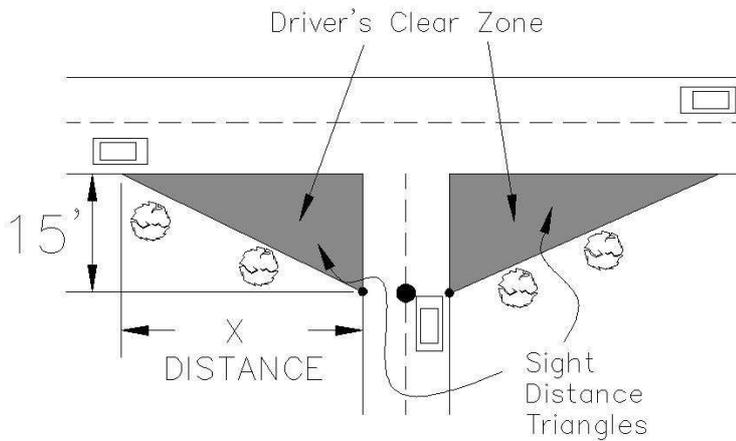
**A. Purpose**

To define the area adjacent to intersections that must be clear of visual obstruction in order to assure safe turning movements and clear line of sight for drivers.

**B. Calculation of Sight Distance Triangle**

The sight distance triangle shall be determined for each controlled street or driveway that intersects a through or uncontrolled street. The determination of this sight distance triangle shall be made according to the minimum sight distance at intersections chart and diagram below or as designated by a traffic or civil engineer.

POSTED THROUGH SPEED	X DISTANCE
25 MPH	280 FEET
35 MPH	390 FEET
45 MPH	500 FEET
55 MPH	550 FEET
65 MPH	650 FEET



Step 1. On your scaled site plan, show your driveway or street intersection to the through street. Indicate a point center of your driveway or street located 15 feet back from the edge of the curb line, edge of pavement or edge of travelway.

Step 2. Identify the speed limit of the through street. Connect the driveway centerpoint to the curb, line, edge of pavement or edge of travelway for a scaled distance noted in the table above in both directions.

Step 3. Shade that triangle area in. Make sure that no visual obstructions are placed in that area.

**C: Preservation of Sight Distance Triangle Area**

No screening, landscaping, vegetation, structures, parking areas or other obstruction to visibility between the heights of 3 and 10 feet above the top of curb or centerline grade of the street shall be permitted within the clear zone, as defined by the sight distance triangular area. Development shall be set back or restricted in order to provide a clear sight distance.