

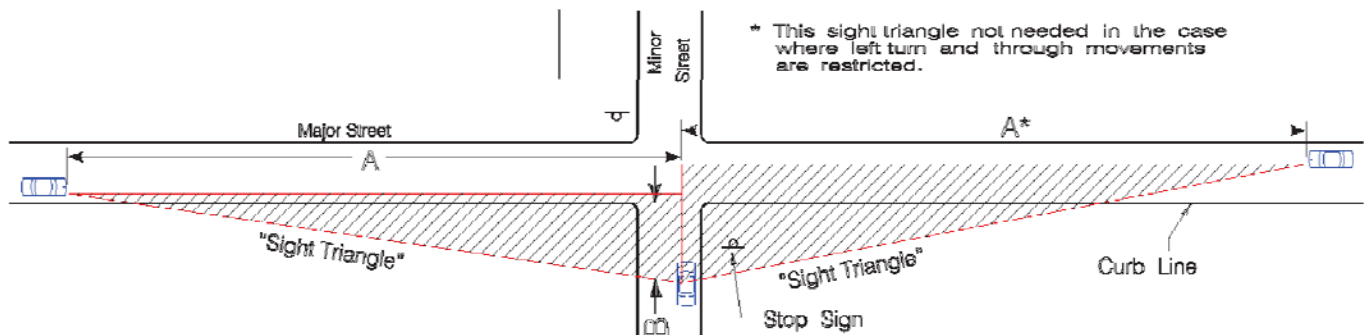
# City of Fairbury Public Works Department Sight Distance Standards

## Sight Distance Standards

Continuous unobstructed sight distance needed for safe traffic operations should be provided for drivers and pedestrians at all intersections and street access drives. Fences, walls, signs, or other obstructions shall not be installed on public right-of-way without prior consent from the City. Trees shall not be planted on public right-of-way without prior consent from the Street Superintendent. Anything placed or planted at or near a street intersection or driveway/alley access must meet the requirements depicted in the following diagrams. (All distances are based upon and referenced from the 2004 A.A.S.H.T.O. policy on Geometric Design of Highways and Streets) (Drivers eye height and object height use 3.5' above street grade)

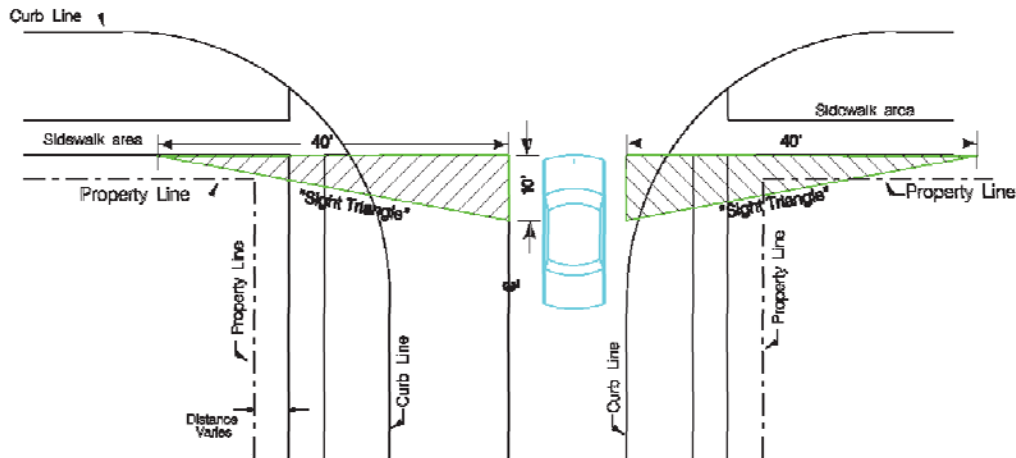
### Figure SD-1

Stop Sign Controlled Intersections:



### Figure SD-4

Stop Sign and Traffic Signal Controlled Intersections: Vision of Sidewalk



Major Street ** Speed	Measurement A	Measurement B
	Minimum	Minimum
25 MPH	280 ft.	14.5 Feet Back of Curb
30 MPH	335 ft.	
35 MPH	390 ft.	
40 MPH	445 ft.	
45 MPH	500 ft.	
50 MPH	555 ft.	
55 MPH	610 ft.	

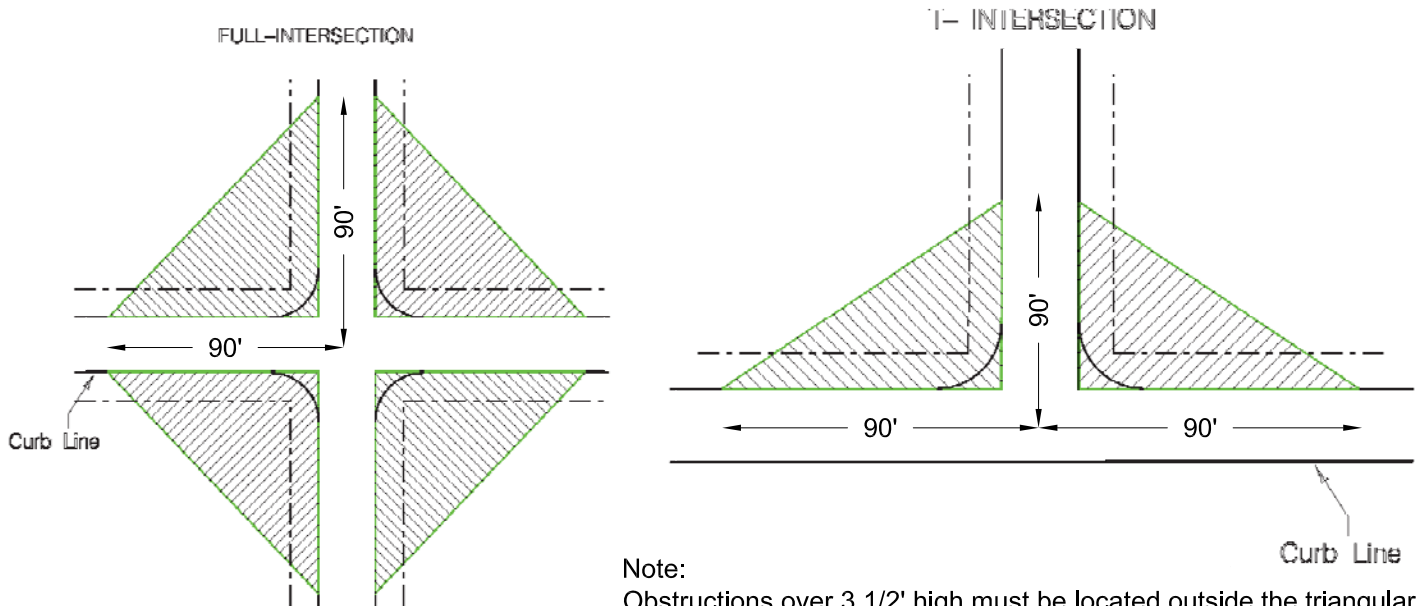
#### NOTE:

All objects located within the "Sight Triangles" shall be no higher than 3 1/2' and all trees shall be trimmed up to 10' (measurement taken at the top of adjacent street grade). 2-Rail and approved Chain link fences free from shrubbery or vines are allowed on private property within the triangle areas.

\*\* When using these standards for roadway design purposes, use "Design Speed" of the roadway rather than the posted speed limit of the roadway.

## Figure SD-2

### Uncontrolled and Yield Controlled Intersections:

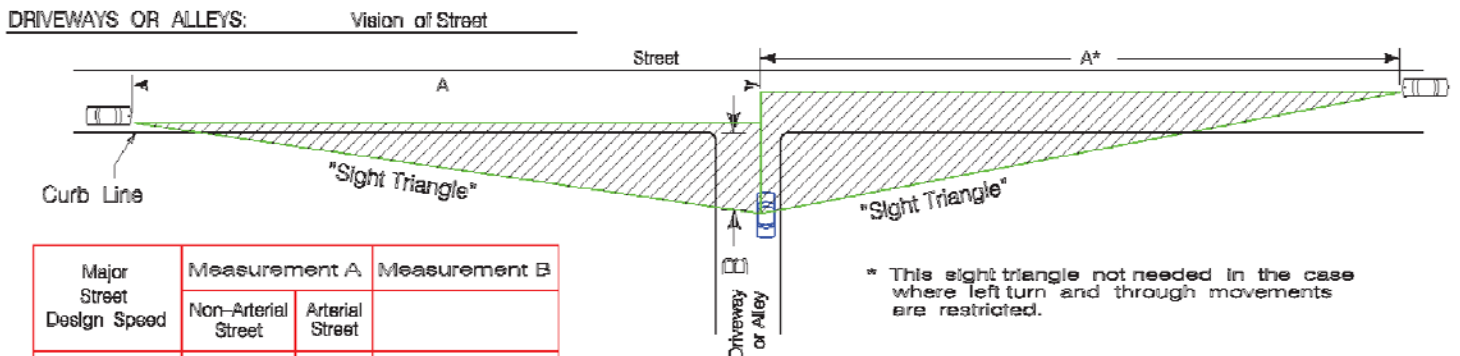


Note:

Obstructions over 3 1/2' high must be located outside the triangular area as noted in Fairbury Municipal code 151.02 zoning regulations section 4.08.

## Figure SD-3

### Sight Triangle Guidelines for Driveways and Alleys:

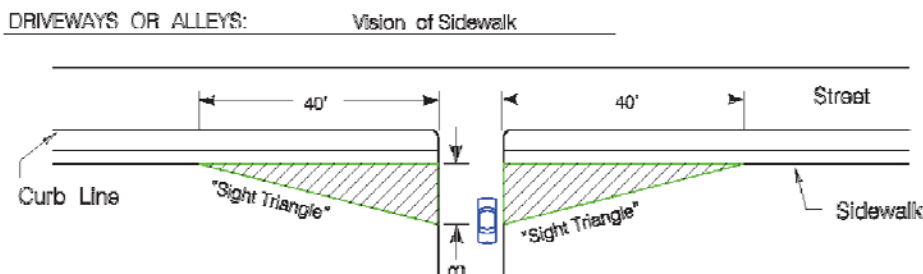


Major Street Design Speed	Measurement A		Measurement B
	Non-Arterial Street	Arterial Street	
25 MPH	155 ft.	280 ft.	14.5 Feet Back of Curb
30 MPH	200 ft.	335 ft.	
35 MPH	250 ft.	390 ft.	
40 MPH	305 ft.	445 ft.	
45 MPH	360 ft.	500 ft.	
50 MPH	425 ft.	555 ft.	
55 MPH	495 ft.	610 ft.	

\* This sight triangle not needed in the case where left turn and through movements are restricted.

### Sight Triangle Guidelines for Driveways and Alleys:

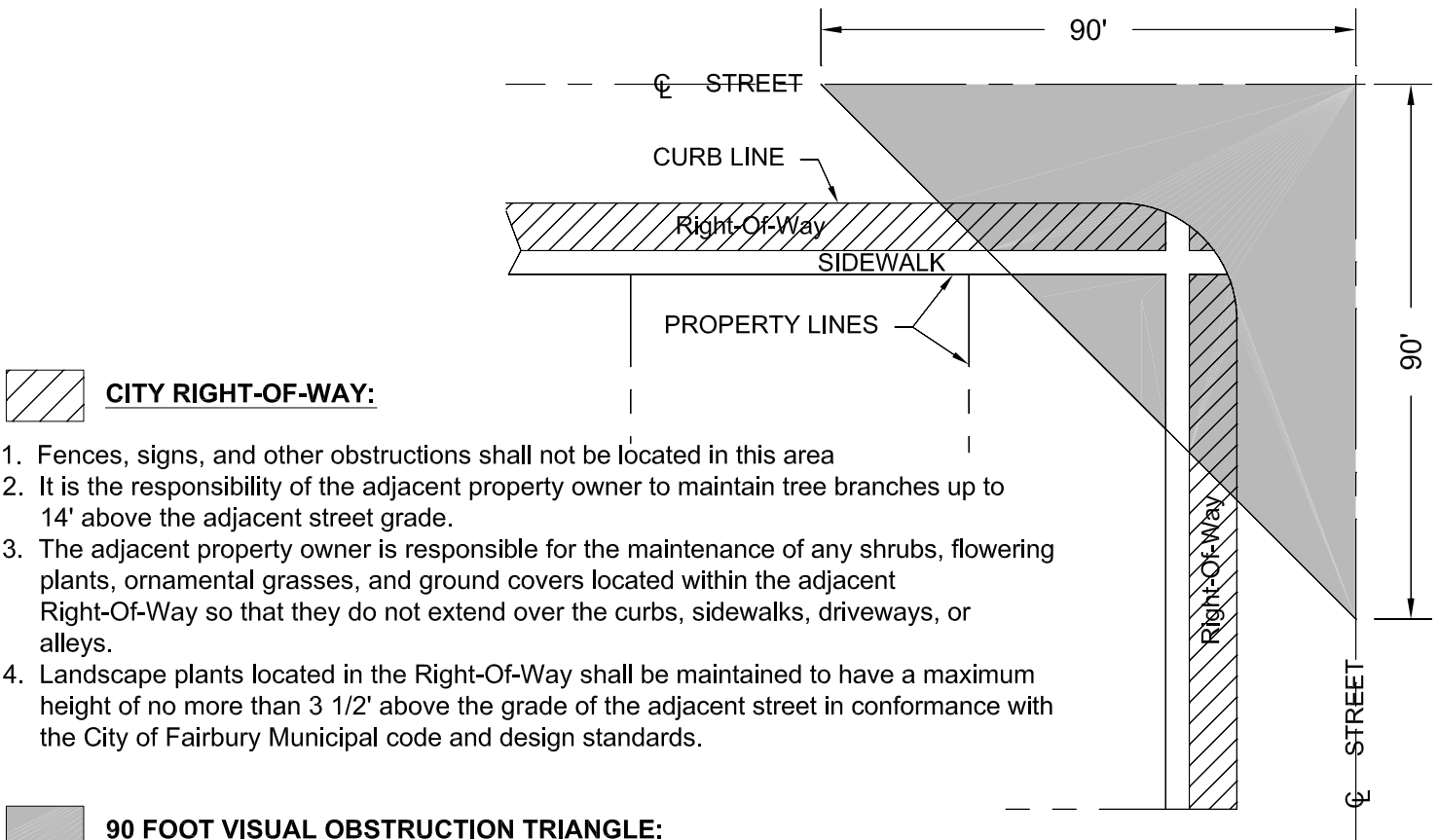
1. All fences, signs, retaining walls, and other obstructions must be located on private property.
2. Privacy type fences shall not exceed 3 1/2' in height above road grade. Only 2-rail or approved chain link fences free of vegetation, shrubbery or other screening materials may exceed 3 1/2' in height within the sight triangle area.
3. Shrubs and hedges shall be kept trimmed to a height not exceeding 3 1/2' above adjacent street grade. Tree branches shall be trimmed up to 10' above the adjacent street grade.
4. Signs and other obstructions shall not exceed 3 1/2' in height above adjacent street grade or be lower than 10' above adjacent street grade.



Measurement B – driver's eye position	
Entering Forward	10 Feet Back of Sidewalk
Entering Backward	14.5 Feet Back of Sidewalk

# City of Fairbury Public Works Department

## City of Fairbury Municipal Code Requirements



### **90 FOOT VISUAL OBSTRUCTION TRIANGLE:**

1. Signs and other obstructions shall not exceed 3 1/2' in height above the grade of the adjacent street.
2. Fences shall not exceed 3 1/2' in height above the grade of the adjacent street. Except for 2-Rail or approved chain link fences free of vegetation, shrubbery, vines, and other screening materials.
3. Shrubs and hedges if found to constitute a hazard to pedestrian or vehicle traffic shall be trimmed to a height not exceeding 3 1/2' above the grade of the adjacent street.
4. Tree branches shall be trimmed up to 10' feet above the adjacent street grade.

