

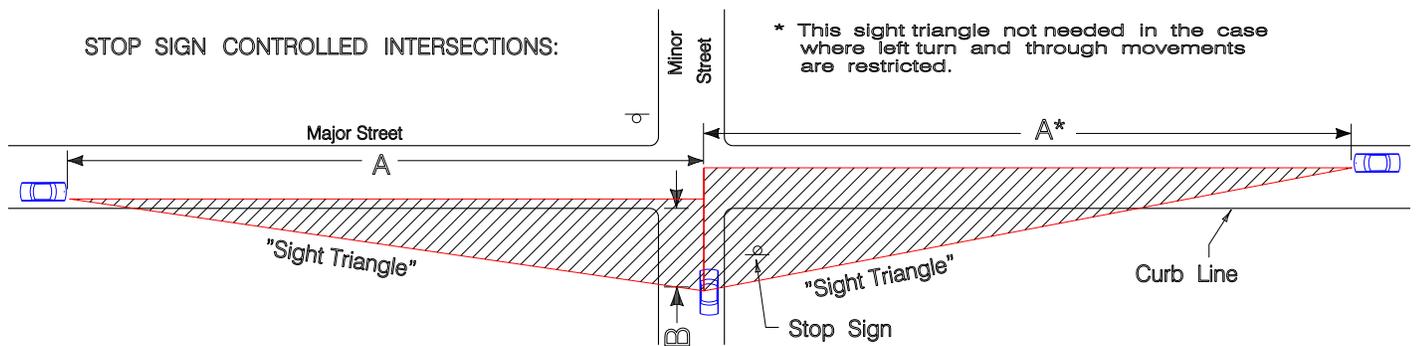
CITY OF LINCOLN
 PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES DIVISION
 SIGHT DISTANCE STANDARDS

Figure SD-1

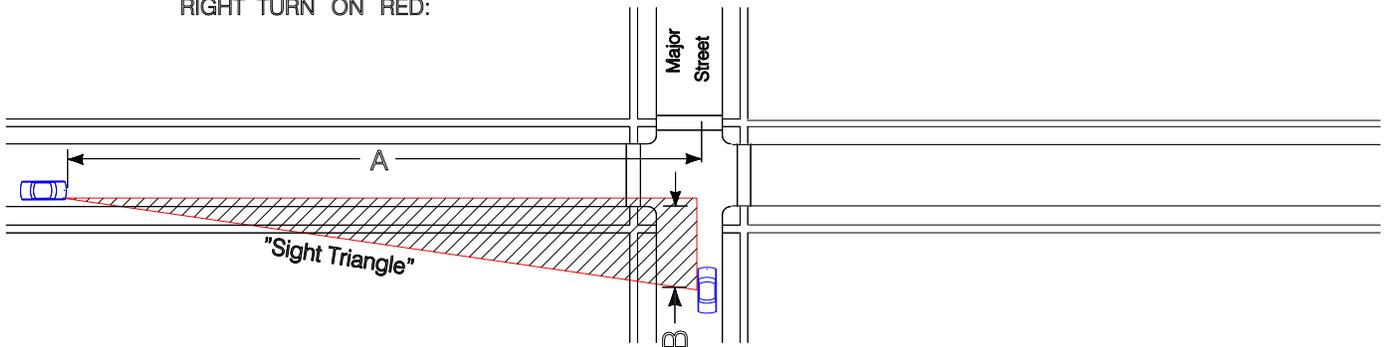
STOP SIGN & TRAFFIC SIGNAL CONTROLLED INTERSECTIONS:

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 City Parks & Recreation Department. 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 ft. above pavement.)



TRAFFIC SIGNAL CONTROLLED INTERSECTIONS—
 RIGHT TURN ON RED:



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.	

* * 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:

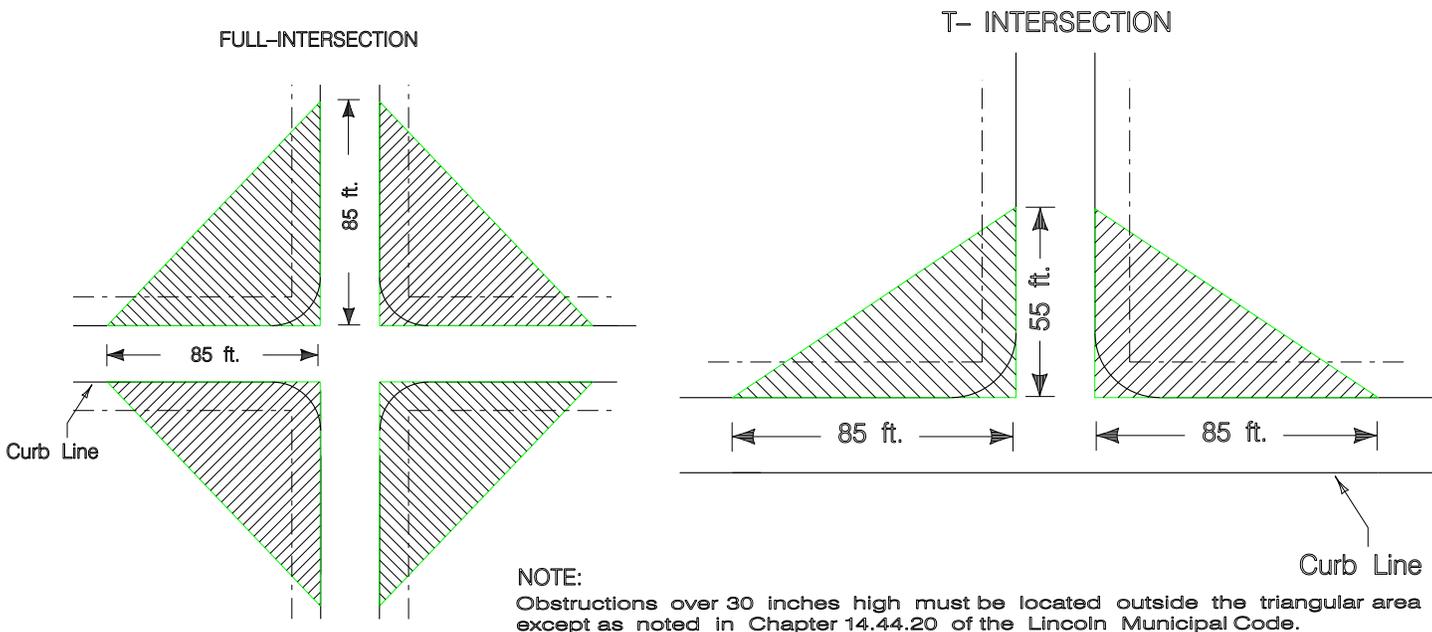
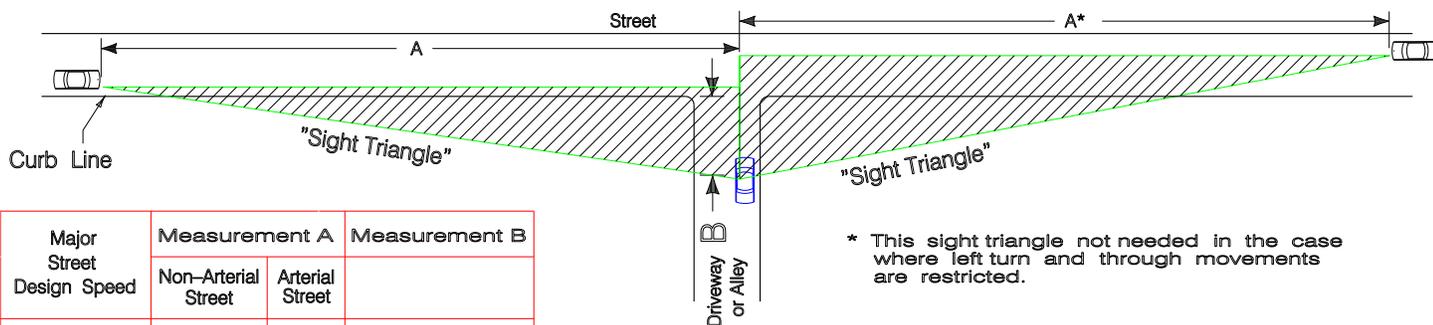


Figure SD-3

SIGHT TRIANGLE GUIDELINES FOR DRIVEWAYS AND ALLEYS:

DRIVEWAYS OR ALLEYS:

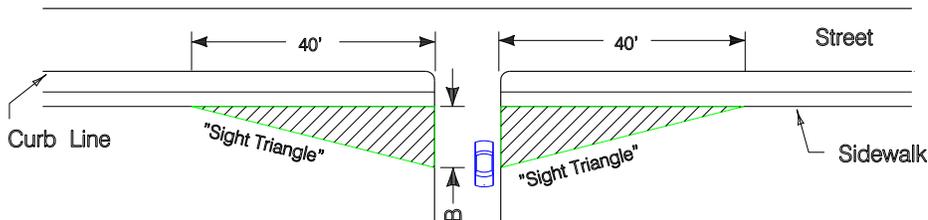
Vision of Street



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.	

DRIVEWAYS OR ALLEYS:

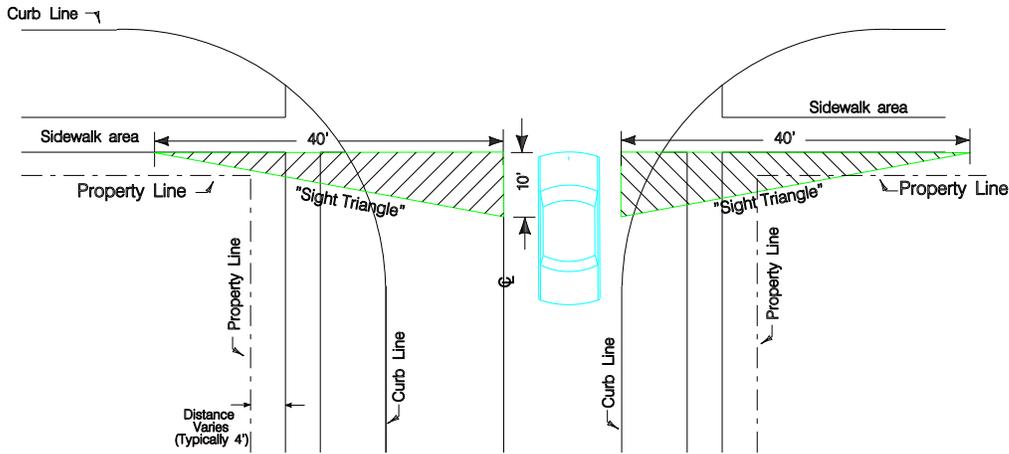
Vision of Sidewalk



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

Figure SD-4

STOP SIGN CONTROLLED INTERSECTIONS: Vision of Sidewalk

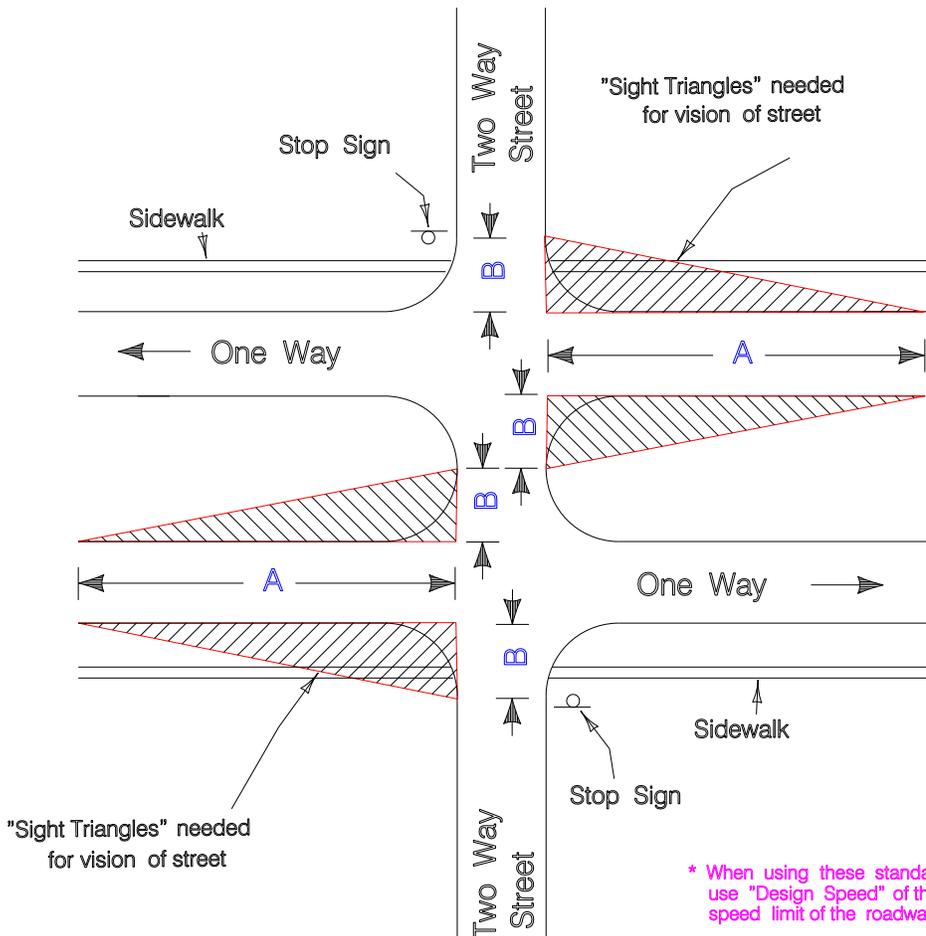


NOTE:

All objects located within the "Sight Triangles" shall be no higher than 30 inches and all trees should be trimmed up to 7.5 feet. (Measurements taken at top of St. curb). 2-Rail and Chain link fences free from shubbery or vines are allowed on private property within the triangle areas.

Figure SD-5

BOULEVARDS



Major Street * Speed	Passenger Car & Truck Combo's	
	Standard	** Minimum
25 MPH	425 ft.	280 ft.
30 MPH	510 ft.	335 ft.
35 MPH	595 ft.	390 ft.
40 MPH	680 ft.	445 ft.
45 MPH	765 ft.	500 ft.
50 MPH	850 ft.	555 ft.
55 MPH	930 ft.	610 ft.

Measurement B	
Standard	18.0 Feet Back of Curb
** Minimum	14.5 Feet Back of Curb

NOTE: Measurement indicates driver's eye position

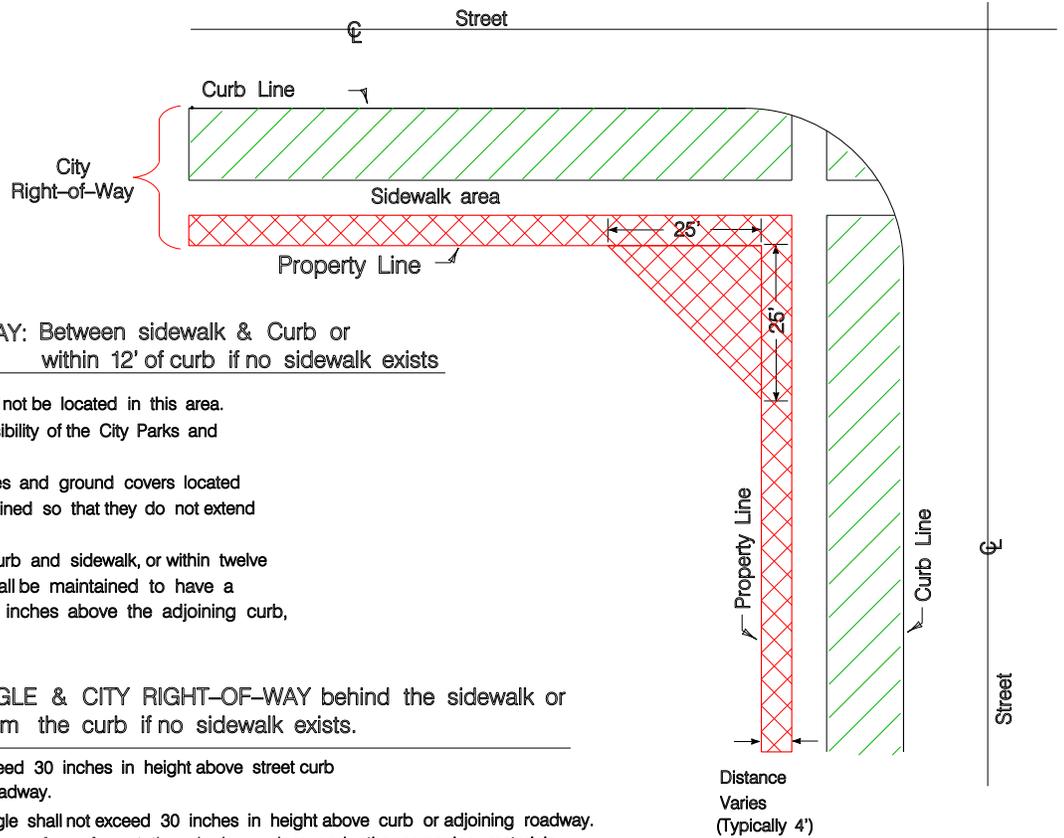
Minimum Spacing for Street Tree Plantings if Located Within "Sight Triangles".	
Major Street * Speed	Tree Spacing in Feet
25 MPH	35-40
30 MPH	40-45
35 MPH	50-55
40 MPH	55-60
45 MPH	60-70
50 MPH	70-75
55 MPH	80+

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

** Minimum to be applied only to the placement of new plantings of trees, shrubs, etc. on properties which were within areas included within the 12/31/1949 City Limits. This minimum is only to be used where established plantings, grades, building setbacks, etc. would make it unreasonable to meet the "Standard" distance and does not apply to installation of new fences, walls or other obstructions.

CITY OF LINCOLN
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION

Requirements of Chapters
12.20 and 14.44 of the Lincoln Municipal Code



1. Fences, signs and other obstructions shall not be located in this area.
2. Tree trimming in this area is the responsibility of the City Parks and Recreation Dept.
3. Shrubs, flowering plants, ornamental grasses and ground covers located within the sidewalk space shall be maintained so that they do not extend over curbs, sidewalks, driveways or alleys.
4. Landscape plants located between the curb and sidewalk, or within twelve feet of the curb if no sidewalk exists, shall be maintained to have a maximum height of no more than thirty inches above the adjoining curb, roadway, or nearest pavement.

1. Signs and other obstructions shall not exceed 30 inches in height above street curb above street curb, or adjoining traveled roadway.
2. Fences located within the 25' corner triangle shall not exceed 30 inches in height above curb or adjoining roadway. Except for 2-Rail or approved chain link fences free of vegetation, shrubery, vines and other screening materials. Fences, signs, retaining walls, etc. shall not be located in City right-of-way without prior consent from the City.
3. Shrubs, and hedges if found to constitute a hazard to pedestrian or vehicle traffic shall be trimmed to a height not exceeding 30" inches above street curb, adjoining roadway, or nearest pavement
4. Tree branches shall be trimmed up to 7.5 feet above the nearest roadway pavement, or top of street curb.
5. Landscape plants located behind the sidewalk, or beyond twelve feet from the curb if no sidewalk exists and within the Public right of way, shall be maintained to have a maximum height of no more than thirty inches above the nearest pavement if located within the area needed for vision of the sidewalk at a driveway or an alley in accordance with Figure SD-3 of the sight distance standards.

