

CITY OF LINCOLN  
TRANSPORTATION AND UTILITIES  
TRAFFIC ENGINEERING  
SIGHT DISTANCE STANDARDS

Attachment # 1

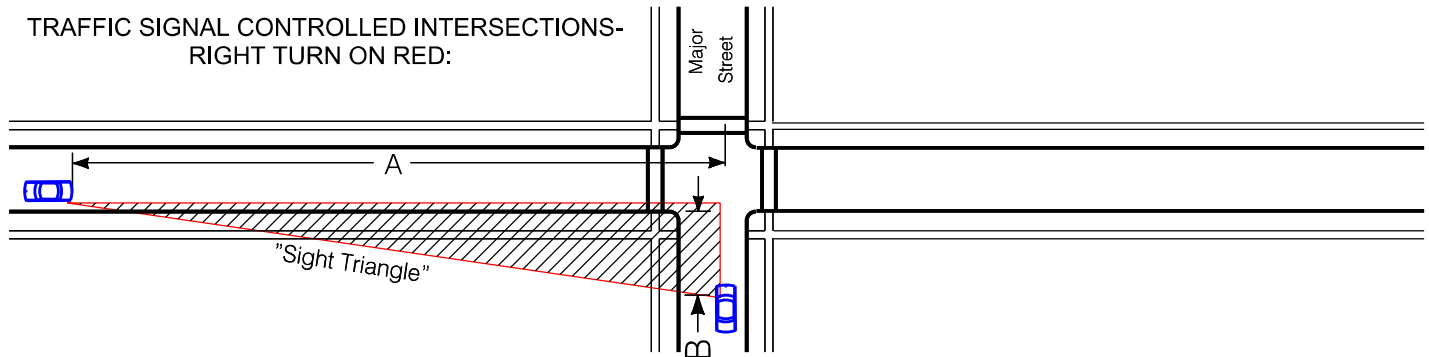
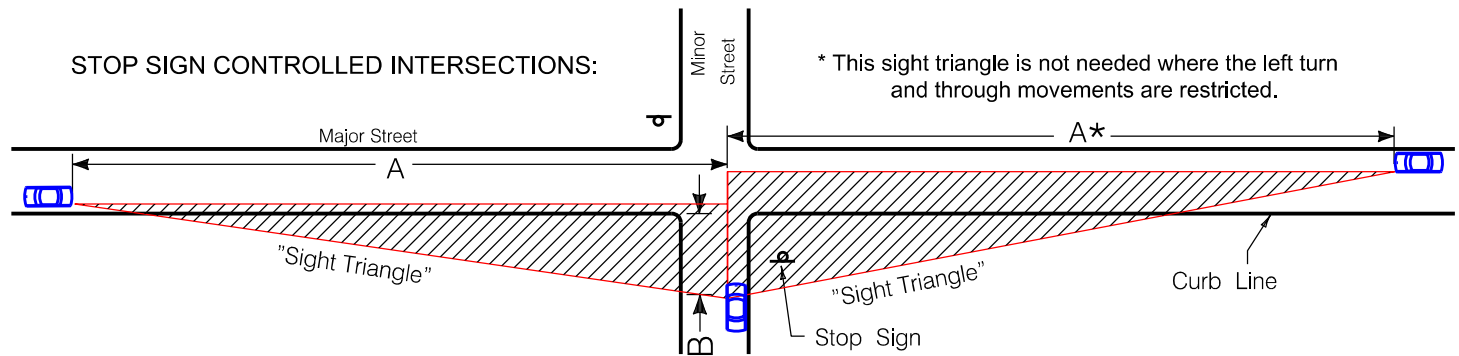
Figure SD-1

STOP SIGN & TRAFFIC SIGNAL CONTROLLED INTERSECTIONS:

SIGHT DISTANCE STANDARDS

Continuous unobstructed sight distance 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 and Recreation Department. Anything placed or planted at or near a street intersection, driveway or alleyway 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. Driver's eye height and object height use 3.5' above pavement.

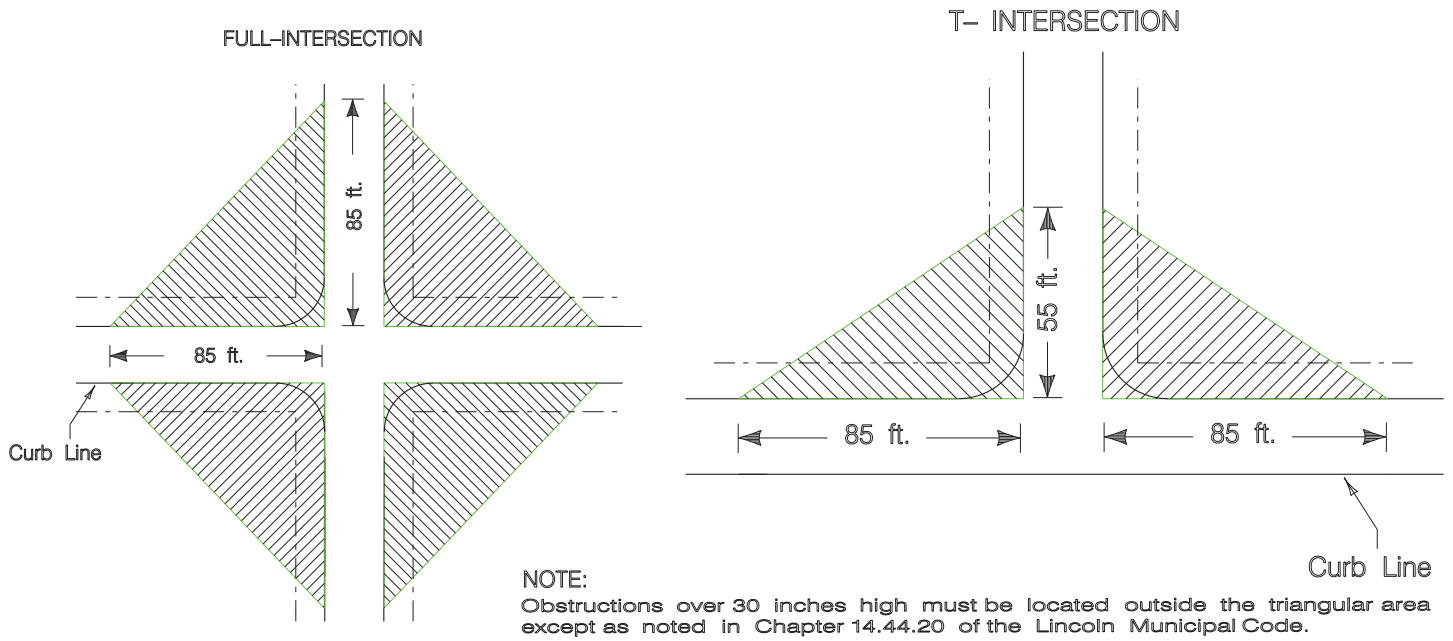


| Major Street<br>** Speed | Measurement A | Measurement B                   |
|--------------------------|---------------|---------------------------------|
|                          | Minimum       | Minimum                         |
| 25 MPH                   | 280 ft.       | 14.5 Feet<br>Back<br>of<br>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 the "Design Speed" of the roadway rather than the posted speed limit of the roadway.

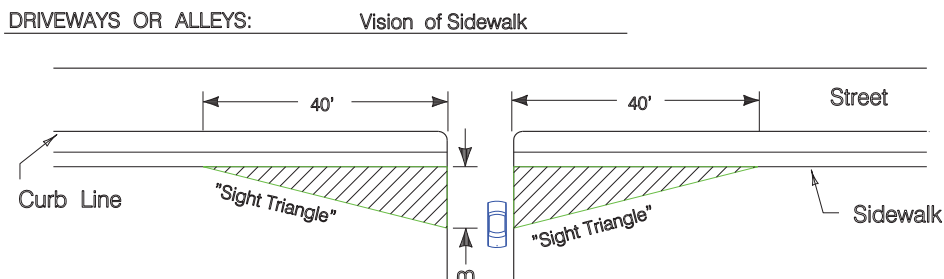
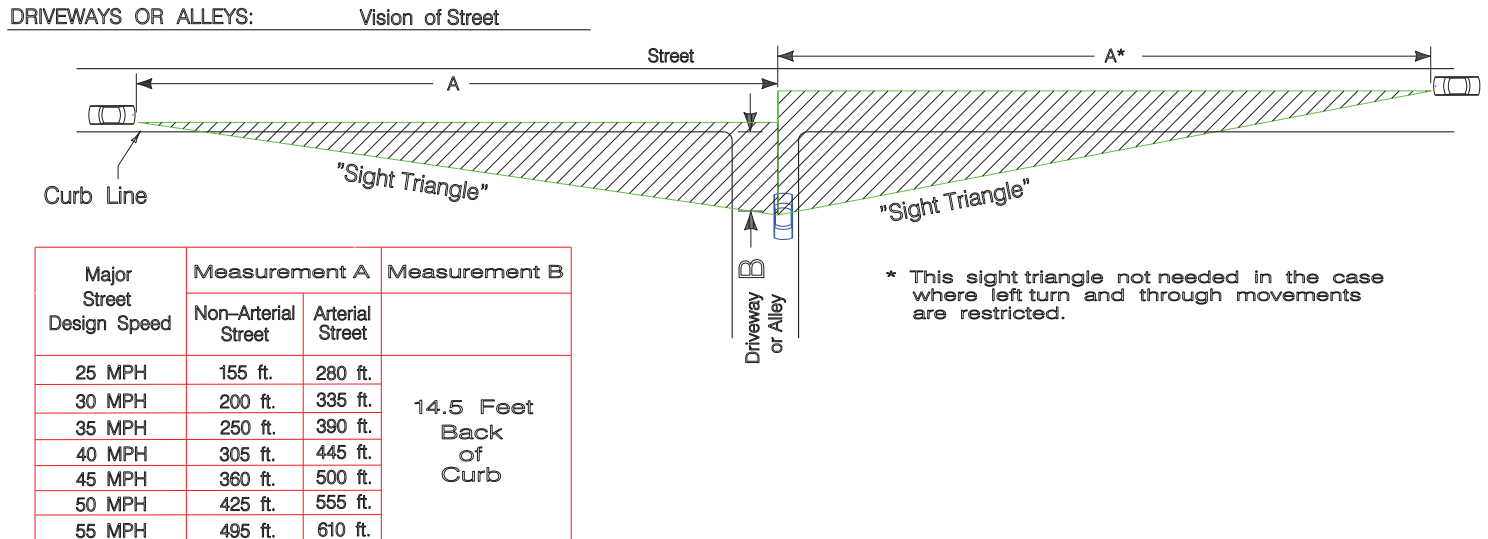
# Figure SD-2

UNCONTROLLED AND YIELD CONTROLLED INTERSECTIONS:



# Figure SD-3

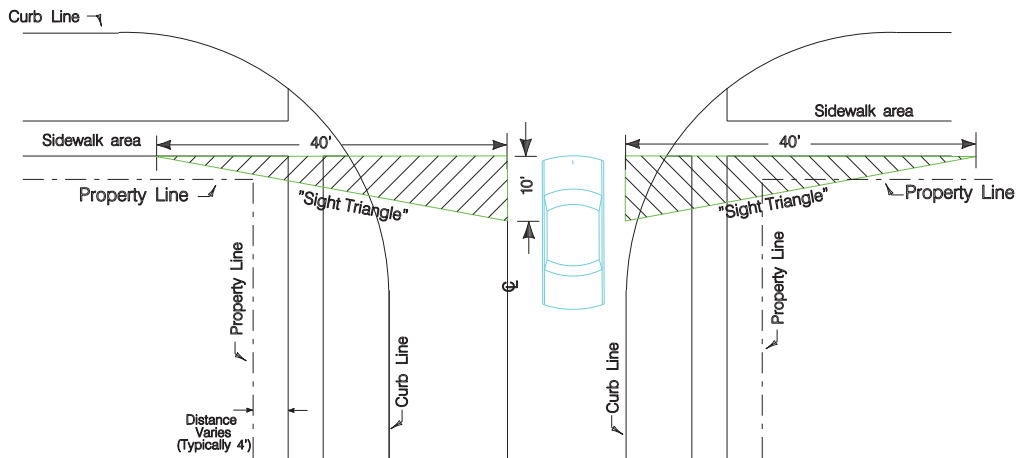
SIGHT TRIANGLE GUIDELINES FOR DRIVEWAYS AND ALLEYS:



| 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

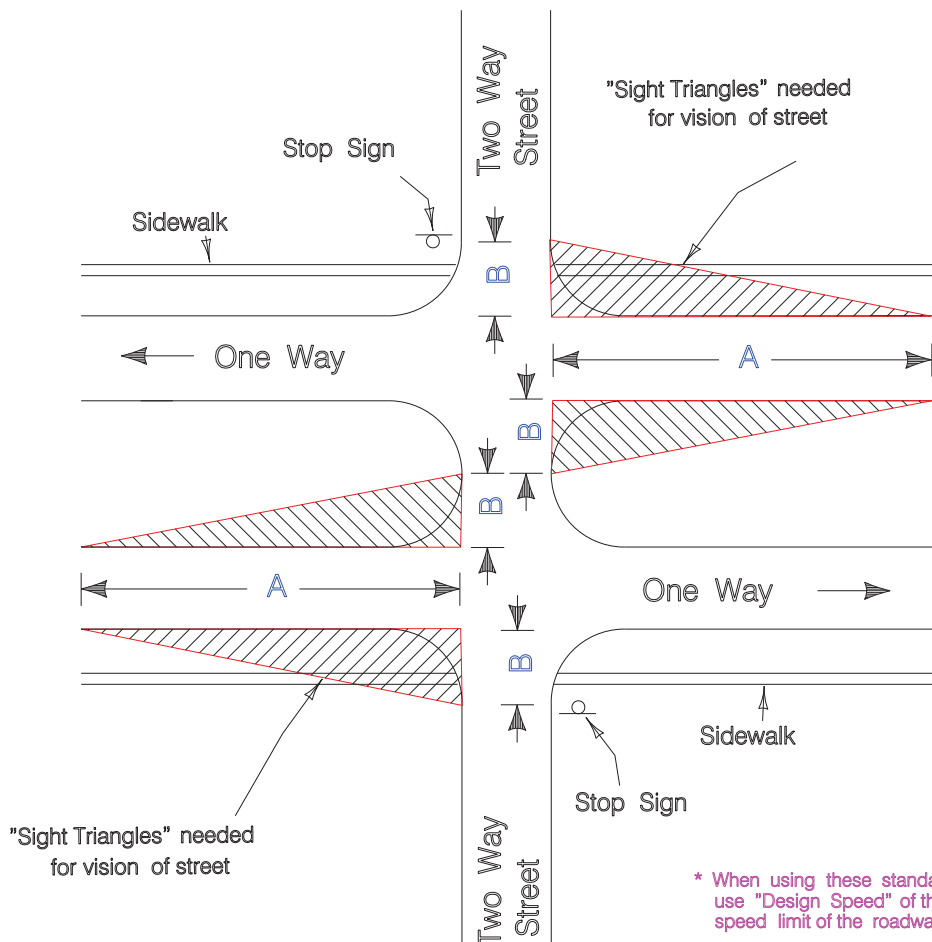


### NOTE:

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



### Measurement A

| Major Street<br>* 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".

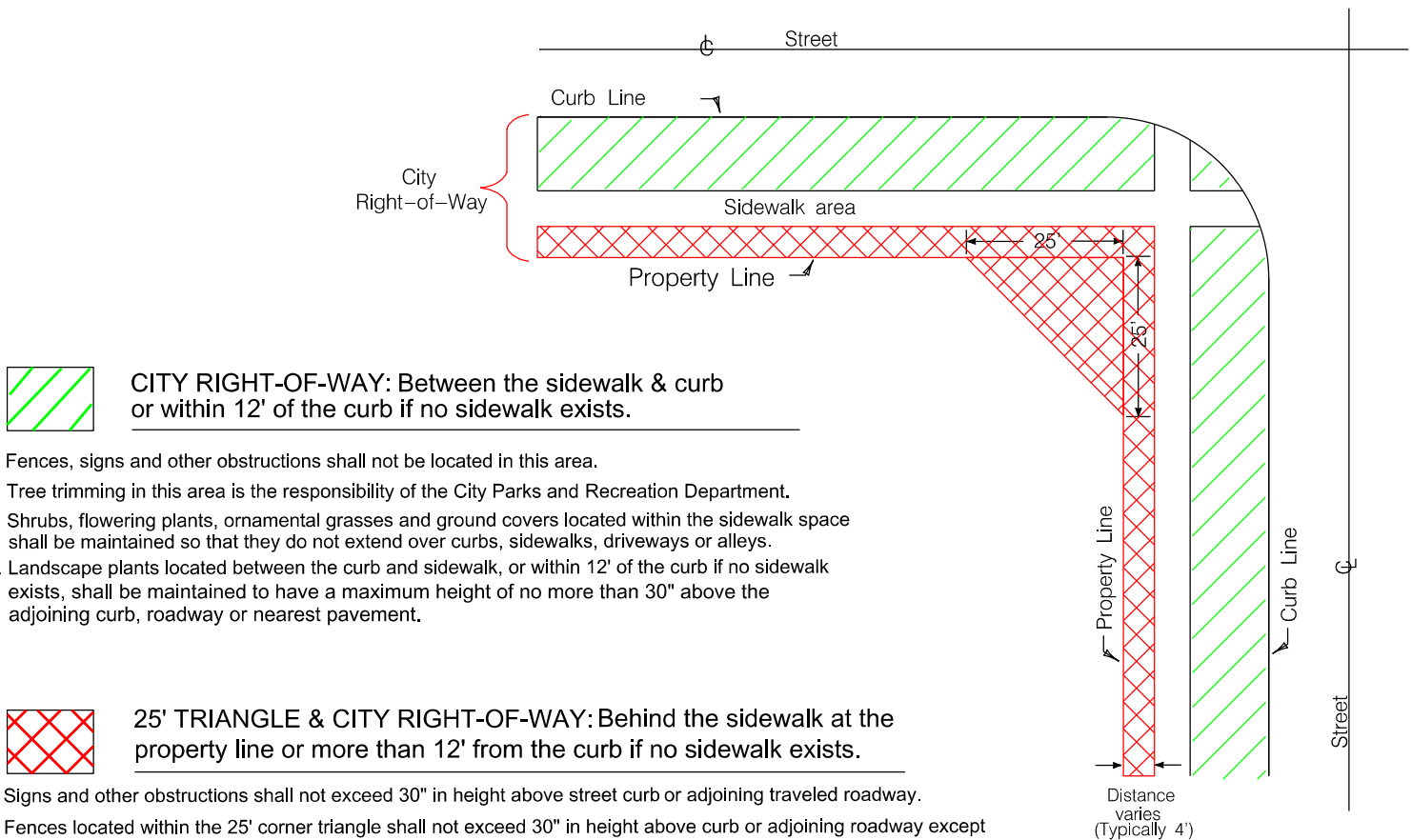
| Major Street<br>* Speed | Tree Spacing in Feet |
|-------------------------|----------------------|
| 25 MPH                  | 35-40                |
| 30 MPH                  | 40-45                |
| 35 MPH                  | 50-55                |
| 40 MPH                  | 55-60                |
| 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.

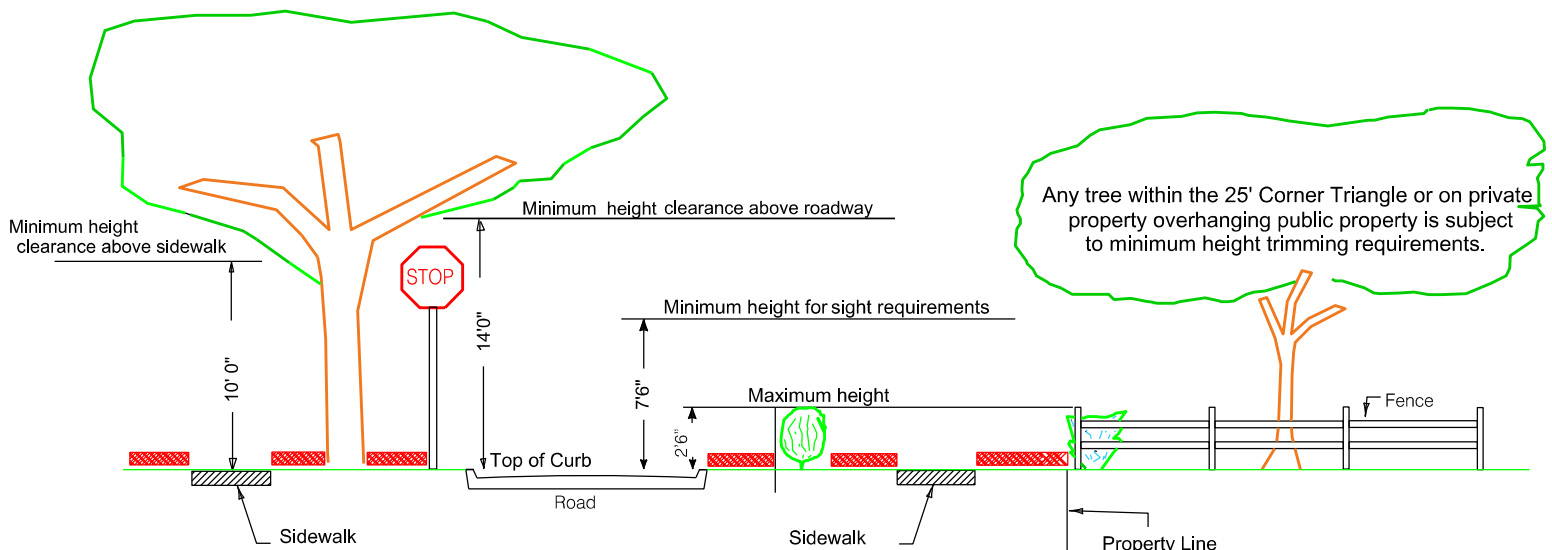
**CITY OF LINCOLN**  
**TRANSPORTATION AND UTILITIES**  
**TRAFFIC ENGINEERING**  
**SIGHT DISTANCE STANDARDS**  
 Requirements of Chapters  
 12.20 and 14.44 of the Lincoln Municipal Code

**Attachment # 2**



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 Department.
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 12' of the curb if no sidewalk exists, shall be maintained to have a maximum height of no more than 30" above the adjoining curb, roadway or nearest pavement.

1. Signs and other obstructions shall not exceed 30" in height above street curb or adjoining traveled roadway.
2. Fences located within the 25' corner triangle shall not exceed 30" in height above curb or adjoining roadway except for two-rail or approved chain link fences that are free of vegetation, shrubbery, 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" above street curb, adjoining roadway, or nearest pavement.
4. Tree branches shall be trimmed up to 7.5' above the nearest roadway pavement, or top of street curb.
5. Landscape plants that are located behind the sidewalk (or beyond 12' from the curb if no sidewalk exists) in public right-of-way shall be maintained to have a maximum height of no more than 30" above the pavement.



= Restricted planting area. Trees, bushes, and vegetation are subject to trimming or removal and all fences, signs, walls, etc. must remain outside this area unless prior consent has been granted by the City.