

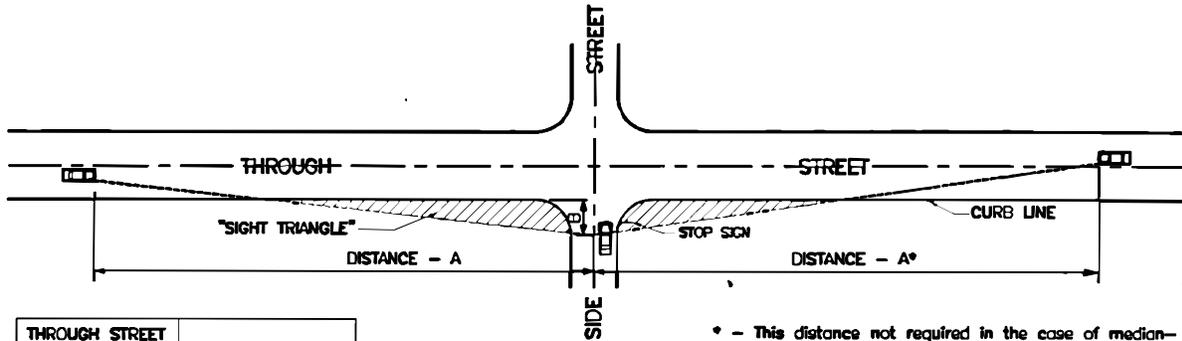
# APPENDIX A

## SIGHT DISTANCE

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**FIGURE SD-1  
STOP SIGN CONTROLLED INTERSECTIONS**



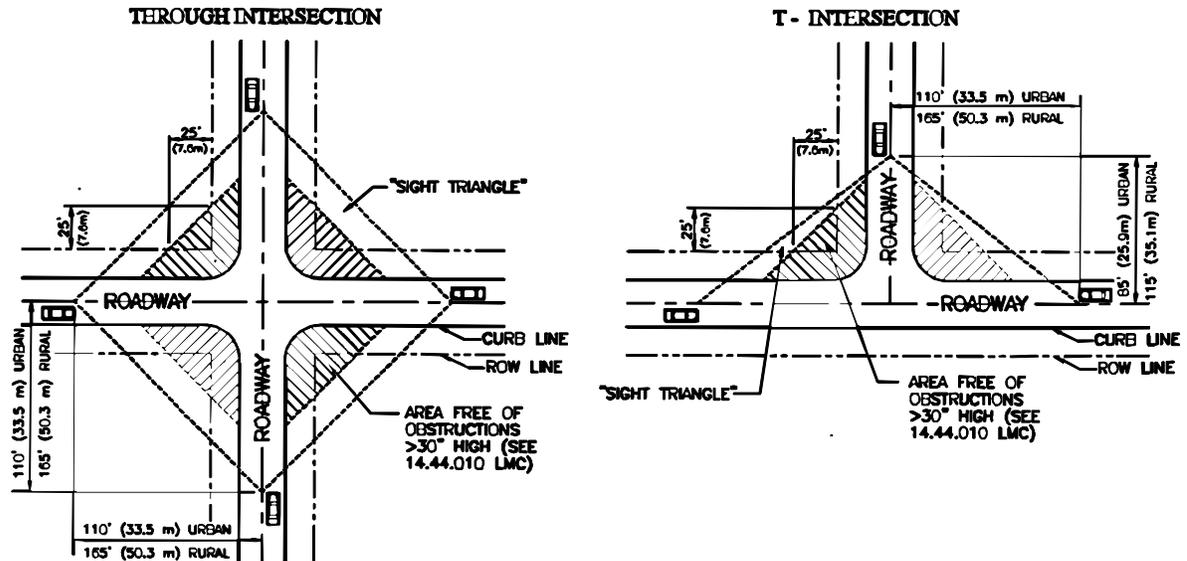
| THROUGH STREET DESIGN SPEED mph | THROUGH STREET DESIGN SPEED (km/h) | DISTANCE "A"    |
|---------------------------------|------------------------------------|-----------------|
| 25                              | (40)                               | 290 ft. (88 m)  |
| 30                              | (50)                               | 370 ft. (113 m) |
| 35                              | (55)                               | 470 ft. (143 m) |
| 40                              | (65)                               | 570 ft. (174 m) |
| 45                              | (70)                               | 700 ft. (213 m) |
| 50                              | (80)                               | 830 ft. (253 m) |
| 55                              | (90)                               | 980 ft. (299 m) |

B = 20 ft. (6.1 m) BACK OF CURB

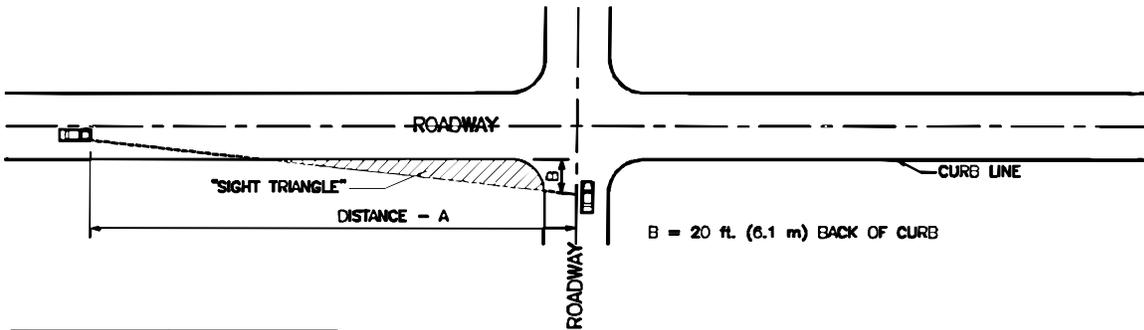
\* - This distance not required in the case of median-divided intersections where openings for through and/or left turn movements are not provided.

**NOTE:**  
Use driver eye height of 3.5 ft. (1.07 m) above pavement surface and object height of 4.25 ft. (1.30 m) above pavement surface.

**FIGURE SD-2  
UNCONTROLLED AND YIELD CONTROLLED INTERSECTIONS**



**FIGURE SD-3  
SIGNALIZED INTERSECTIONS-RIGHT TURN ON RED**

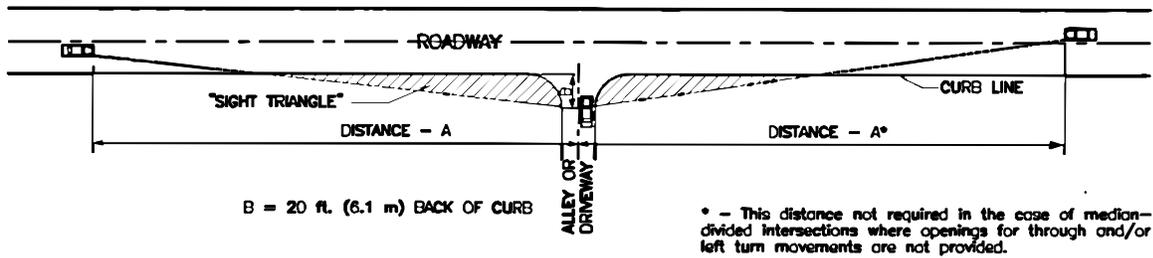


| THROUGH STREET DESIGN SPEED mph | THROUGH STREET DESIGN SPEED (km/h) | DISTANCE "A"    |
|---------------------------------|------------------------------------|-----------------|
| 25                              | (40)                               | 290 ft. (88 m)  |
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| 55                              | (90)                               | 980 ft. (299 m) |

**NOTE:**  
Use driver eye height of 3.5 ft. (1.07 m) above pavement surface and object height of 4.25 ft. (1.30 m) above pavement surface.

**FIGURE SD-4  
DRIVEWAYS OR ALLEYS**

**a. Sight Distance for Roadway**



**a. Sight Distance for Sidewalk**

