

INTERSECTION SIGHT DISTANCE IS THE DISTANCE NEEDED FOR A DRIVER TO HAVE AN UNOBSTRUCTED VIEW OF THE INTERSECTION, AND SUFFICIENT LENGTHS ALONG THE INTERSECTING ROADWAY, IN ORDER TO OBSERVE THE APPROACHING VEHICLES PRIOR TO ENTERING THE INTERSECTION. THESE UNOBSTRUCTED VIEWS FORM TRIANGULAR AREAS KNOWN AS SIGHT TRIANGLES.



THE DIMENSIONS OF THE SIGHT TRIANGLES DEPEND ON THE ROADWAY SPEED AND TYPE OF INTERSECTION TRAFFIC CONTROL. THE TYPES OF TRAFFIC CONTROL AT INTERSECTIONS INCLUDE THE FOLLOWING:

- UNCONTROLLED
- YIELD CONTROLLED
- STOP CONTROLLED

NOTES:

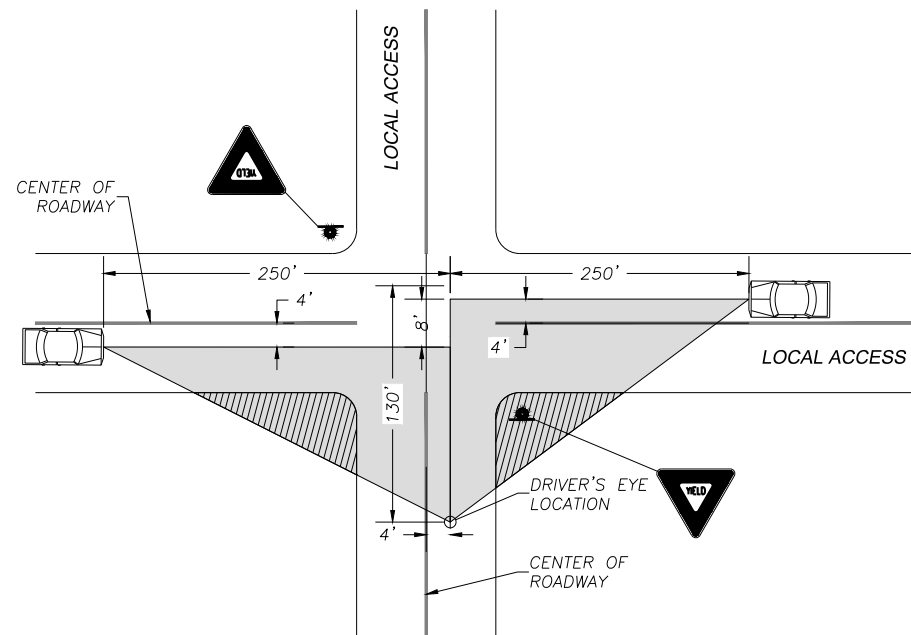
1. DIMENSIONS PER CLARK COUNTY CODE.
2. THE SIGHT DISTANCE EASEMENT SHALL BE KEPT CLEAR OF ALL OBSTRUCTIONS INCLUDING VEGETATION, BUT NOT LIMITED TO, LANDSCAPING, FENCES, STRUCTURES AND EARTH BERMS BETWEEN THE HEIGHTS OF 3 TO 8.5 FEET AS MEASURED FROM THE PAVEMENT SURFACE.
3. WHEN AN INTERSECTION IS LOCATED ON A VERTICAL CURVE, A PROFILE OF THE SIGHT LINE SHALL BE PROVIDED.
4. THE DRIVER'S EYE LOCATION IS MEASURED FROM 3.5 FEET ABOVE THE CONTROLLED ROAD PAVEMENT SURFACE AND THE OBJECT HEIGHT IS MEASURED FROM 3.5 FEET ABOVE THE PAVEMENT SURFACE.

LEGEND

-  SIGHT DISTANCE EASEMENT
-  SIGHT TRIANGLE

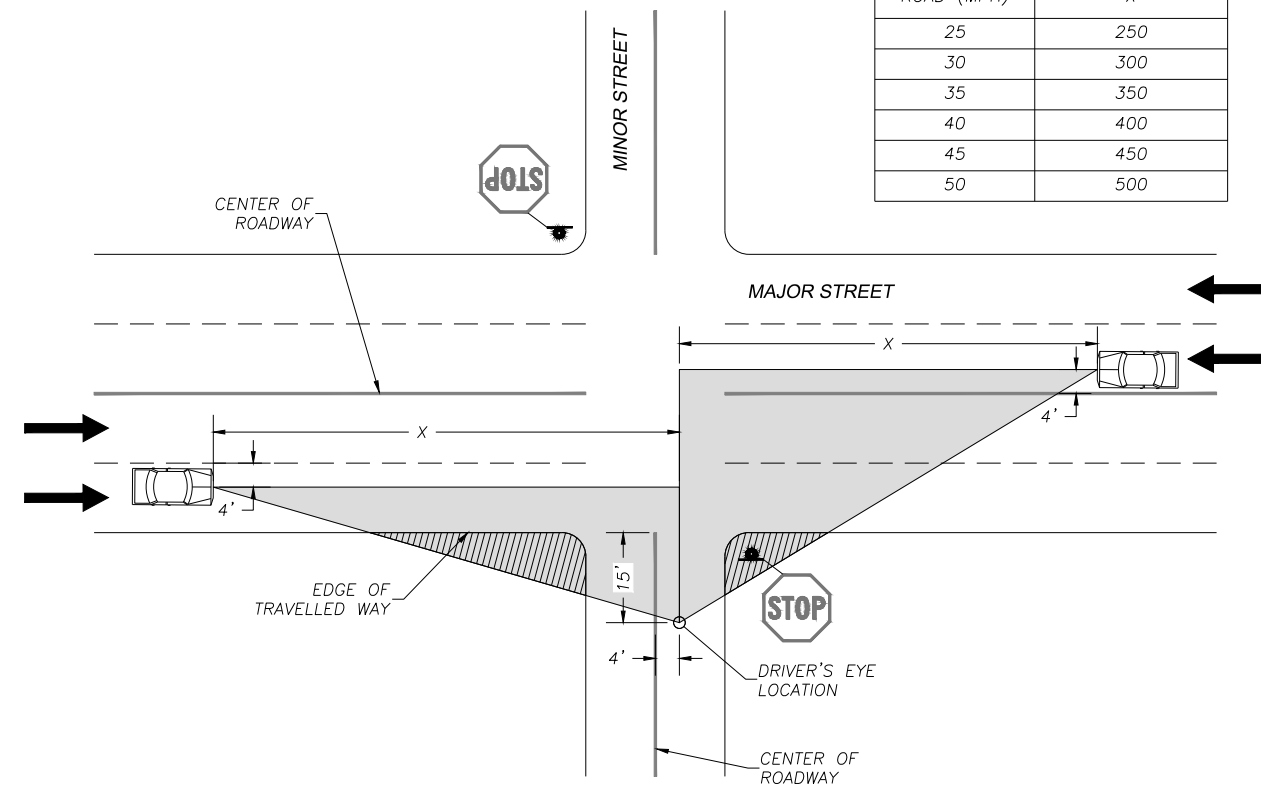
YIELD CONTROLLED
FOR LOCAL ACCESS STREETS WITH A SPEED LIMIT OF 25 MPH OR LESS

4 LEGGED INTERSECTION

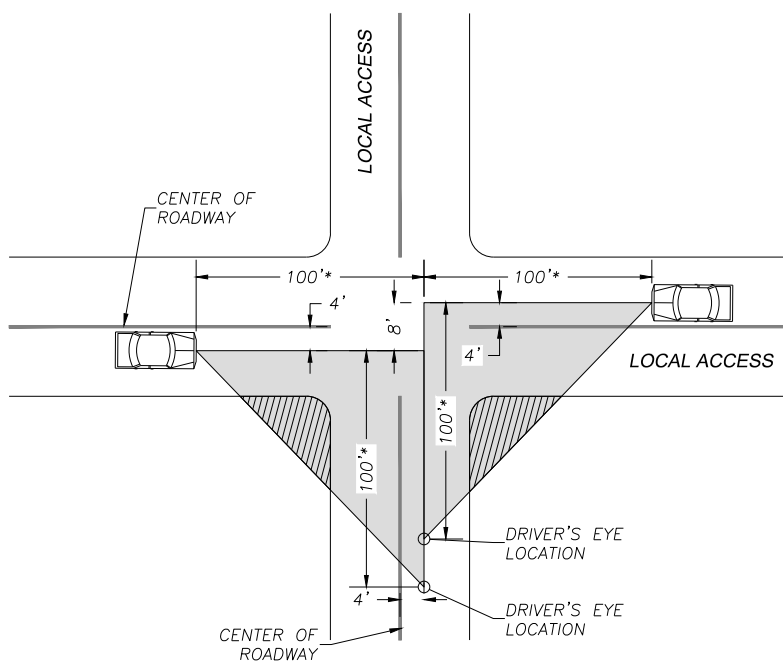


STOP CONTROLLED

SPEED, UNCONTROLLED ROAD (MPH)	MINIMUM CORNER SIGHT DISTANCE (FT) X
25	250
30	300
35	350
40	400
45	450
50	500

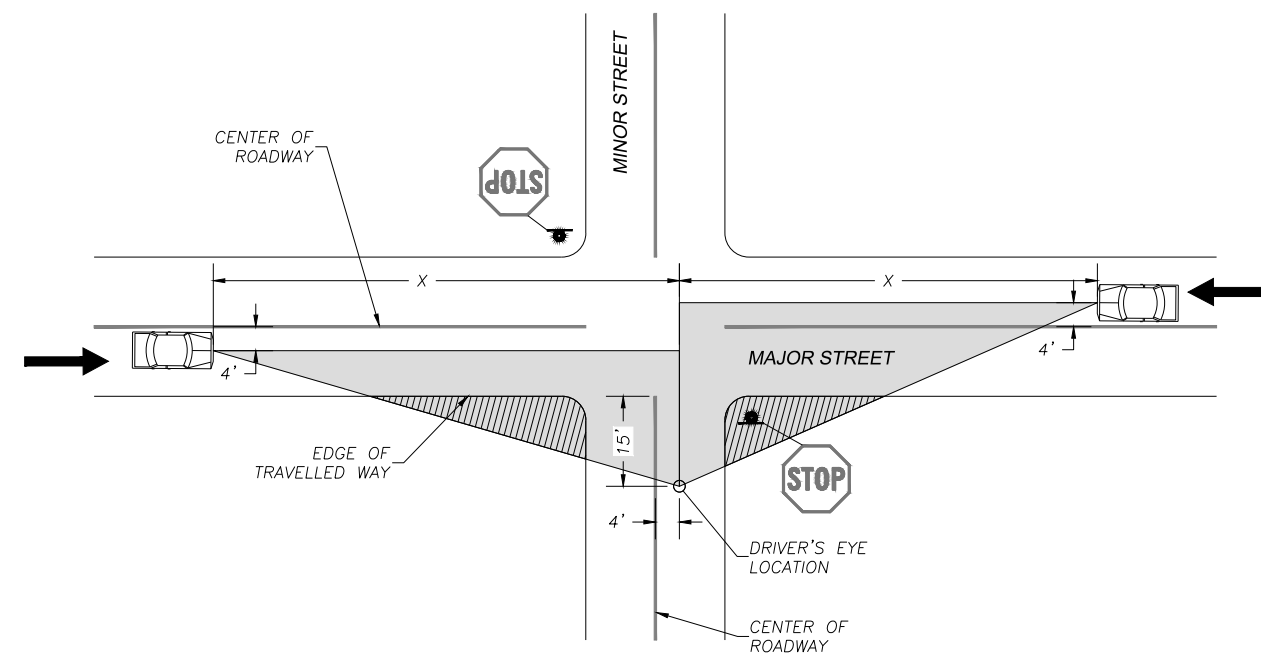
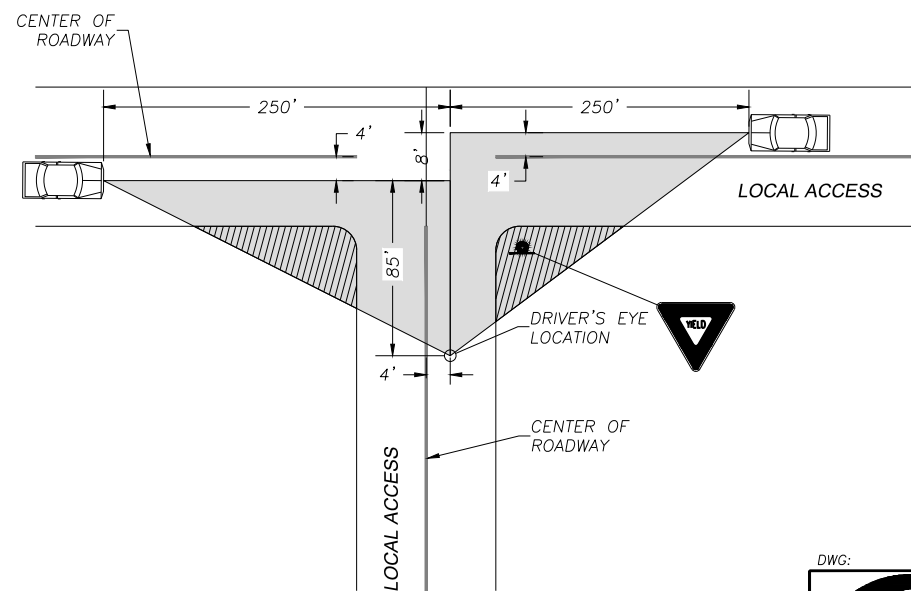


UNCONTROLLED
FOR LOCAL ACCESS ROADWAYS WITH A SPEED LIMIT OF 25 MPH OR LESS



*MAY BE REDUCED TO 80 FEET IN AN URBAN RESIDENTIAL SUBDIVISION.

3 LEGGED INTERSECTION



REV. NO.	DATE	BY	APPR

DWG:



Department of Public Works
CLARK COUNTY WASHINGTON
proud past, promising future

INTERSECTION SIGHT DISTANCE

APPROVED

07/17/19
DATE

COUNTY ENGINEER

STANDARD	T25.0
DETAIL	
DESIGNED	
DRAWN	
DATE	