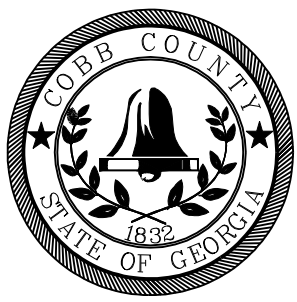


ISD Easements are required for areas outside the R/W.

\* Line of Sight Easement shown for example. The specific location, curvature of roadway, etc. shall determine easement limits.

Intersection Sight Distance (ISD) shall be measured from a point established 15' from the curbline of the egress lane, at a 3.5' height above finished grade. The actual Line of Sight is then extended in a straight line, the minimum required distance to both sides of the abutting street along the thoroughfare to the edge of the oncoming travel lane of threat, terminating at a point 3.5' above finished grade. Approach grades are to be shown on profile. Approach Grades of 3.1% up to 12% are to be increased by 10%. Approach Grades exceeding 12.1% shall be reviewed by CDOT. Further calculation factors, type vehicles, lanes crossed, divided median, etc. are to be considered in requirement. CCDOT reserves the right to make adjustments based on AASHTO requirements, Latest Edition.



DETAIL 401B  
INTERSECTION SIGHT  
DISTANCE (ISD)

	INTERSECTION SIGHT DISTANCE in FEET		
SPEED LIMIT	2 lane	3 & 4 lane	5 & 6 Lane
45 MPH	500'	560'	630'
40MPH	445'	500'	560'
35MPH	390'	440'	490'
30MPH	335'	----	----
25MPH	280'	----	----

Distances are for undivided roads.