

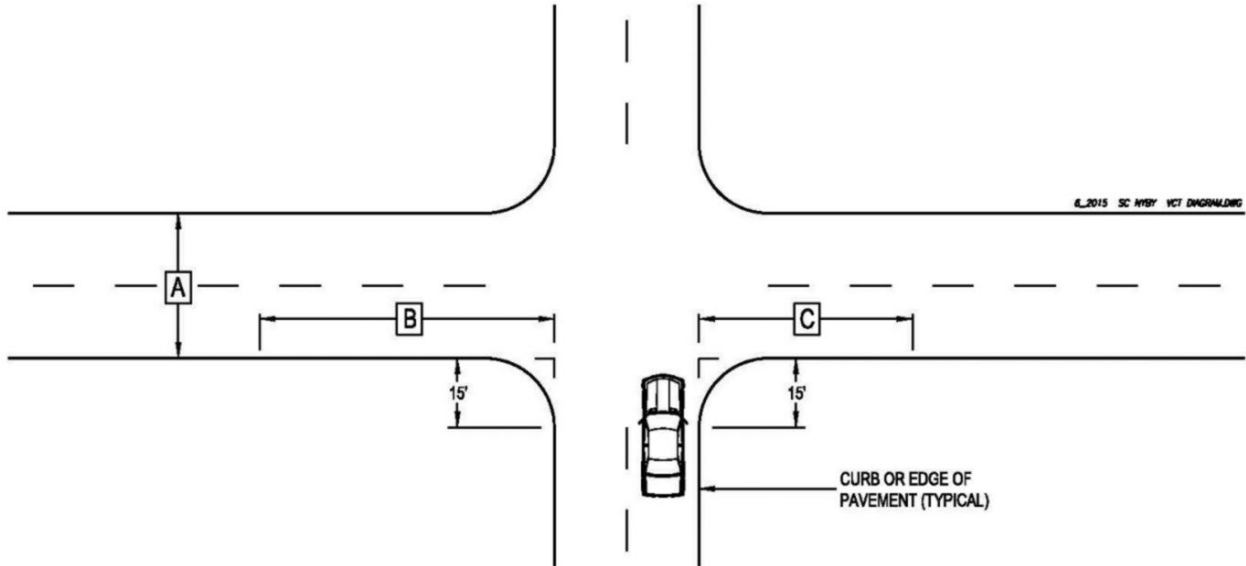
MEMO

TO: Public Infrastructure Committee
FROM: Dan Koski, PE, Director of Public Infrastructure
DATE: December 2, 2015
RE: Low Volume Streets Vision Triangle Information

Research on Wisconsin communities on Vision Triangles in low volume traffic areas (residential) provided the following information:

AASHTO defines the vision triangle as a vision clearance triangle created to avoid vehicle conflicts for all approaching or departing vehicles traveling at or less than the maximum speed limit. Between a height of 2 feet and 10 feet, as measured from the edge of the adjoining roadway, a required vision clearance triangle shall be free of all structures, fences, vegetation, signs, retaining walls, cut slopes and any other sight obstruction, which either individually or collectively obscure an area in excess of 18 inches in width.

According to AASHTO guidelines at 25 mph, the vision triangle is defined for the following street widths:



MPH	STREET WIDTH	VISION CLEARANCE TRIANGLE DISTANCE (FEET)	
	A	B	C
25	30	140	95
	36	125	90
	40	115	85
	48	165	85
	56	145	80

The Wisconsin DOT, in the Facilities Development Manual (FDM) 11-10, places the vision triangle dimensions at 90 feet for a through movement, and 75 feet for a no through movement intersection, at a posted speed of 25 mph.

Other Counties and Municipalities have the following vision triangle dimensions:

- Walworth County – 50 feet
- Kenosha – 15 feet
- Milwaukee – 10 – 25 feet depending on zoning
- Marshfield – 30 feet
- Lodi – 15 feet
- Omro – 35 feet
- Holmen – 10 feet
- Hales Corners – 15 feet
- Sheboygan Falls – 35 feet
- Sheboygan – 50 feet