



CONTROLLED INTERSECTION	
DESIGN SPEED (DS) (MPH)	SIGHT DISTANCE (FT.)
25	250
30	300
35	350
40	400
45	450
50	500

DS= DESIGN SPEED ON THE THROUGH HIGHWAY

NOTES:

1. FOR CONTROLLED INTERSECTIONS, STREETS SHALL HAVE MINIMUM CORNER SIGHT DISTANCES, AS MEASURED FROM A HEIGHT OF 3.5 FEET ABOVE THE CONTROLLED STREET, PER VMC 11.80.140.
2. PUBLIC, PRIVATE STREET INTERSECTIONS AND COMMERCIAL DRIVEWAYS ON ARTERIAL STREETS SHALL HAVE AN UNOBSTRUCTED SIGHT DISTANCE TRIANGLE MEASURED IN THE SAME FASHION AS CONTROLLED INTERSECTIONS.
3. IF THE STREETS ARE NOT LEVEL, FOLLOW WSDOT DESIGN MANUAL TO CONSIDER GRADE.
4. "DESIGN SPEED" SHALL BE THE POSTED SPEED OR THE 85% PERCENTILE OF THE PREVAILING SPEED WHICHEVER IS HIGHER.
5. FOR UNCONTROLLED INTERSECTIONS USE THE LATEST AASHTO MANUAL REQUIREMENTS FOR SIGHT DISTANCE.

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REV NO.	DATE	BY	APPR	
1	2/07	RAW	MHA	
2	8/08	RAW	MHA	
3	7/14	RAW	MHA	
4	1/15	RAW	MHA	
5	3/16	RAW	MHA	
6	9/21	RAW	MHA	

PUBLIC WORKS – STREETS AND TRANSPORTATION

APPROVED BY: *M.H. Sedalla*
ENGINEER MANAGER

APPROVED DATE: 9/1/2021



SIGHT DISTANCE REQUIREMENTS FOR CONTROLLED INTERSECTIONS ONLY	STANDARD PLAN NUMBER T04-03
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