



MONTGOMERY COUNTY, MARYLAND
 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
 DEPARTMENT OF PERMITTING SERVICES

SIGHT DISTANCE EVALUATION

Facility/Subdivision Name: Whetstone Professional Center Preliminary Plan Number: 1- 20200020

Street Name: Montgomery Village Ave & Centerway Road Master Plan Road Classification: Major Highway (MVA) & Arterial (CR)

Posted Speed Limit: 35 mph

Street/Driveway #1 (West Entrance at Montgomery Village Avenue)

Street/Driveway #2 (North Entrance at Centerway Road)

Sight Distance (feet) OK?
 Right
 Left 730' OK

Sight Distance (feet) OK?
 Right 350' OK
 Left 500' OK

Comments: Left turns are prevented by an existing grass median divide within Montgomery Village Ave.

Comments: Right sight distance disappears into the existing horizontal curve along Centerway Road.
500' left of entrance is the existing signalized intersection of Centerway Rd. & Montgomery Village Ave.

GUIDELINES

Classification or Posted Speed (use higher value)	Required Sight Distance in Each Direction*
Tertiary - 25 mph	150'
Secondary - 30	200'
Business - 30	200'
Primary - 35	250'
Arterial - 40 35 (45)	325' 400'
Major - 50 35 (55)	475' 550'

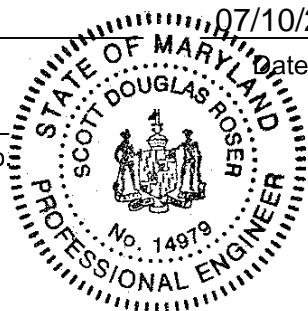
Sight distance is measured from an eye height of 3.5' at a point on the centerline of the driveway (or side street) 6' back from the face of curb or edge of traveled way of the intersecting roadway where a point 2.75' above the road surface is visible. (See attached drawing)

*Source: AASHTO

ENGINEER/ SURVEYOR CERTIFICATE

I hereby certify that this information is accurate and was collected in accordance with these guidelines and that these documents were prepared or approved by me, and that I am a licensed Professional Engineer under the laws of the State of Maryland, License No. 14979, Expiration Date: 07-02-2020

Signature _____ Date 07/10/2019
14979
 PLS/P.E. MD Reg. No. _____



Montgomery County Review:

Approved

Disapproved:

By: _____

Date: _____

At West Entrance Looking Left/South



Approaching West Entrance - Heading North 730' Away



At North Entrance Looking Right/East



Approaching North Entrance - Heading West 350' Away



At North Entrance Looking Left/West



Approaching North Entrance - Heading East 500' Away

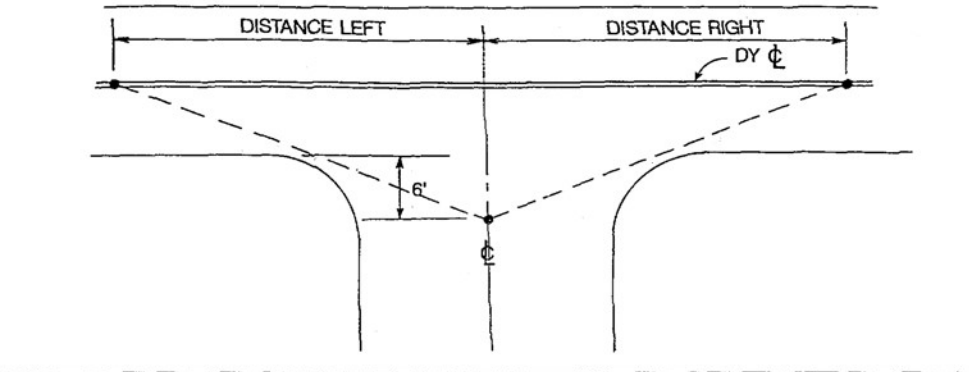




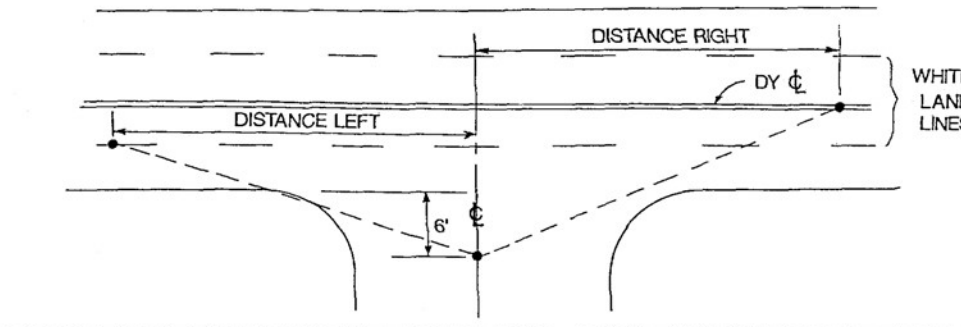
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SIGHT DISTANCE EVALUATION ATTACHMENT

2 LANE UNDIVIDED ROADWAY



MULTI-LANE UNDIVIDED ROADWAY



MULTI-LANE DIVIDED ROADWAY

