



DIVISION OF
PLAN REVIEW & PERMITTING

ENTRANCE SIGHT DISTANCE ANALYSIS
REQUIREMENTS

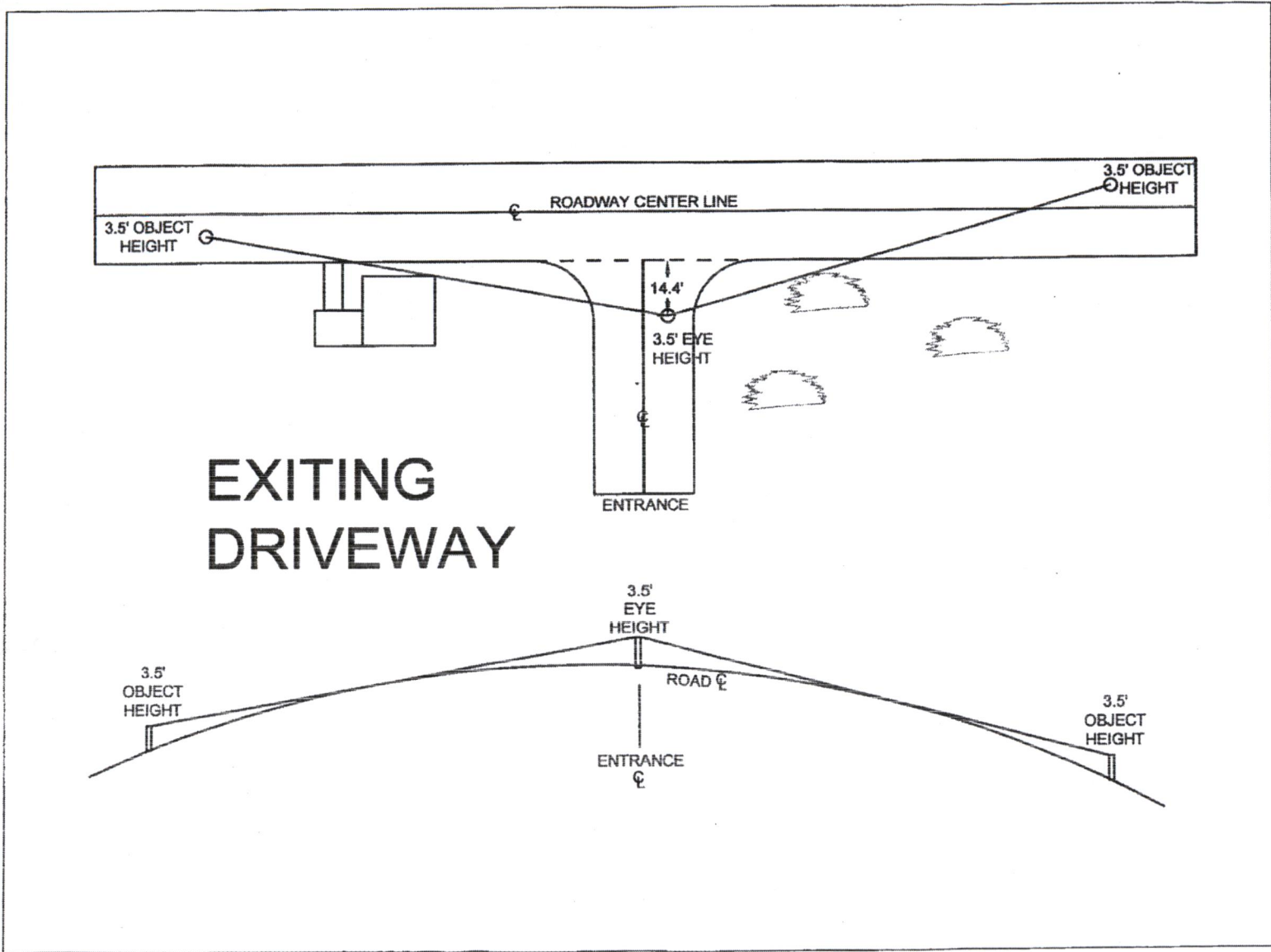
Sight distance analysis for any entering and exiting proposed or existing entrance shall include a vertical profile view and sight distance measurements shown on the two attachments. The profile view shall be drawn at a scale of 1"=5' vertical, 1"=100' horizontal, and include the following information:

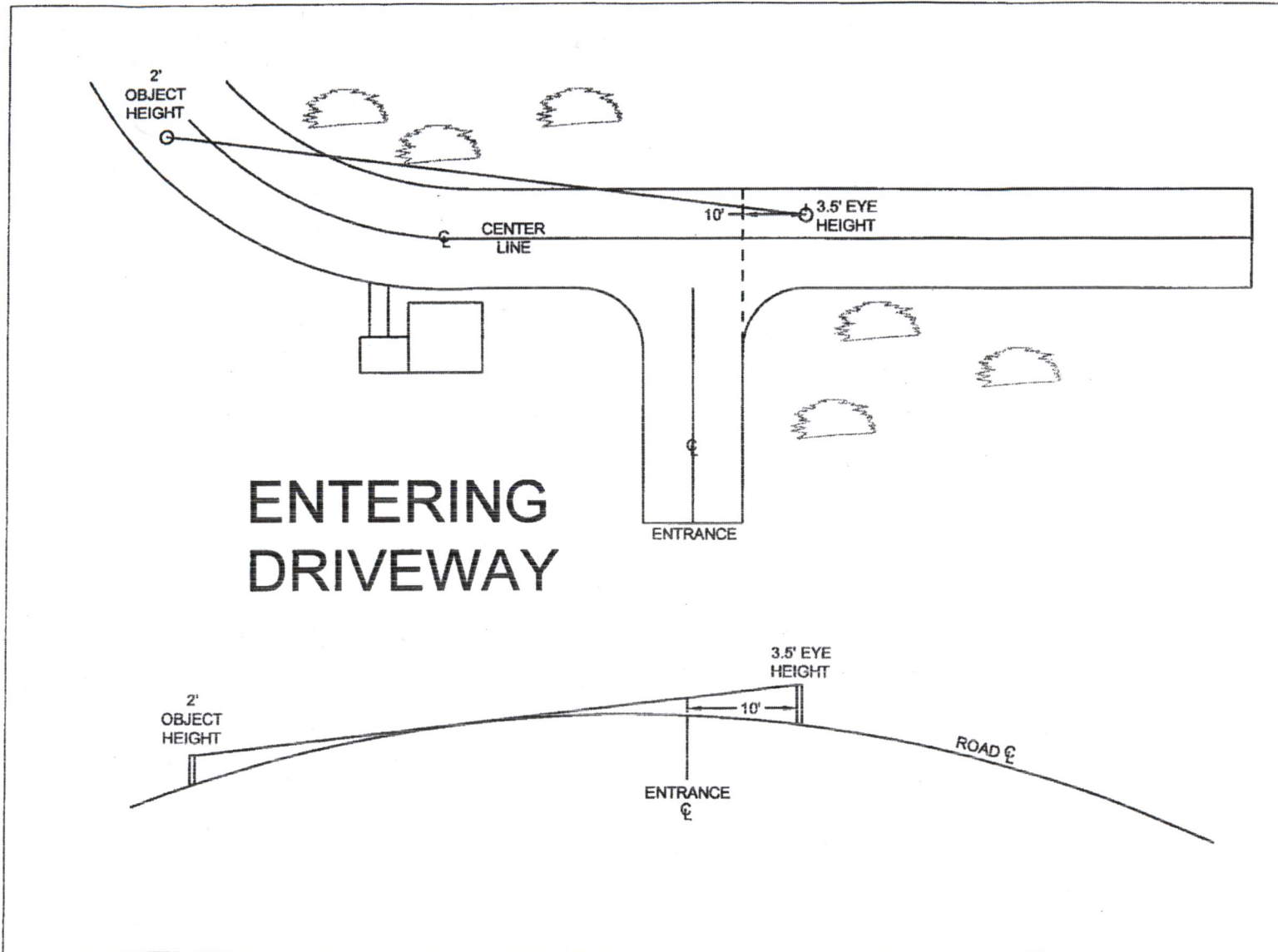
1. A profile of the road centerline with elevations indicated every 100 feet including the existing posted speed limit. The profile information can be obtained from County 2-foot contour data. PRPD may require field verification in some cases.
2. Minimum sight distance requirements for exiting the entrance can be found in Table III-B of the County's Policy for Determining Adequacy of Existing Highways. (See Attached Table)
3. Minimum sight distance requirements for entering the entrance can be found in Table III-A of the County's Policy for Determining Adequacy of Existing Highways. (See Attached Table).
4. Observer (Eye) height and object height are specified on the attachment.
5. Photos should be provided looking from the observer position to the object position.
6. The sight distance analysis must be signed and sealed by a PE or registered surveyor.

2/08/19

80 West Baltimore Street | Hagerstown, MD 21740-6003 | P: 240.313.2460 | TDD: 711

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**POLICY FOR DETERMINING ADEQUACY
OF EXISTING HIGHWAYS AND STREETS**

TABLE III-A – SAFE STOPPING SIGHT DISTANCE*		
POSTED ROAD SPEED (MPH)*	REGULAR (Feet)	LOW VOLUME (Feet)
25 MPH	155	125
30 MPH	200	165
35 MPH	250	205
40 MPH	305	250
45 MPH	360	300
50 MPH	425	350

*If no posting exists, the road speed shall be based upon the design speed for the functional classification.

TABLE III-B – INTERSECTION SIGHT DISTANCE		
POSTED ROAD SPEED (MPH)*	REGULAR (Feet)	LOW VOLUME (Feet)
25 MPH	280	125
30 MPH	335	165
35 MPH	390	205
40 MPH	445	250
45 MPH	500	300
50 MPH	555	350

* Road speed shown in **TABLE III-B** shall be that of the intersected road and shall be the posted speed limit. If no posting exists, the road speed shall be based upon the design speed for the functional classification.