



Traffic Guidelines Manual

ORIGINATOR State Traffic Engineer	2-3-14
CHAPTER 2	Signing
SECTION 3	Warning Signs
SUBJECT 14	Hill Blocks View Signs

A. Purpose

The [2009 MUTCD](#) section [2C.18](#) says the Hill Blocks View sign (W7-6) *may* be used in advance of a crest vertical curve to advise road users to reduce speed as they approach and traverse the hill as only limited stopping sight distance is available. If used, it *should* be supplemented by an advisory speed (W13-1) plaque indicating the recommended speed for traveling over the hillcrest based on available stopping sight distance. See Wisconsin MUTCD Supplement, section [2C.36](#) for visibility chart for various speeds. Advisory speed plaque speed is based on available visibility distance. This policy provides guidance on when these signs *may* be considered for usage of state maintained highways.

TRUCK ENTRANCE signs have been commonly used for driveways with limited sight distance; however, their usage is exclusive to driveways or side streets with high truck traffic volumes.

B. Policy

While guidance on crossroad and sideroad warning sign usage and criteria are provided in the Wisconsin Supplement to the 2009 MUTCD; less guidance is provided on driveways. This policy provides for the use of HILL BLOCKS VIEW sign where driveways are after a crest vertical curve. Signs such as BLIND ENTRANCE and HIDDEN DRIVEWAY are not in the MUTCD. However, the HILL BLOCKS VIEW sign is an approved sign in the 2009 MUTCD. It has been the general practice not to provide warning signs for driveways. The HILL BLOCKS VIEW sign is intended for use in lieu of the BLIND ENTRANCE or HIDDEN DRIVEWAY signs both of which are not an approved sign in the MUTCD.

C. Guidelines

The following step by step criteria *should* be used to determine if a HILL BLOCKS VIEW sign is warranted for driveways:

STEP 1: First, the driveway must have inadequate sight distance per the visibility chart in the Wisconsin supplement Section 2C.37, when determining the need for the sign due to a crest vertical curve. Vision problems due to horizontal curvature or vegetation **shall not** warrant use of this sign.

STEP 2: The volume of the driveway **shall** be a minimum of 50 ADT (25 in, 25 out). A typical one family residence generates about 10 trips per day; therefore, would not qualify for the sign. Note: A sideroad with 100 ADT or greater requires a type B1/B2 intersection as opposed to a type C/D intersection which would be used for under 100 ADT. 50 ADT provides for a driveway for a small business.

STEP 3: Verify that the volumes exceed 50 ADT at least once per week or 50 days per year.

NOTE: CRASH HISTORY - if the driveway does not meet the volume criteria above, but a crash analysis indicates there is a crash history at the driveway location, a sign *may* be considered.

Location of the sign *should* be per Table 2C-4 in the Wisconsin Supplement to the MUTCD.