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County Executive

DEPARTMENT OF ROADS

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Director of Roads

Speed Radar Sign Policy

July 26, 2022

Speed Radar signs within the Macomb County Department of Roads (MCDR) right-of-way require an approved permit, granted to applicants who agree to take on the responsibility for signing including ownership, insurance, installation, and maintenance.

Requirements

- Obtain letter of support from Township, should not conflict with any local ordinances
- Permits
 - All work requires a permit from the MCDR Permit Department
 - Any future work, including maintenance, will require a permit
- Hold harmless agreement
- Maintain current certificate of insurance, on record with MCDR
- Crash testing
 - Testing must be conducted using the Manual for Assessing Safety Hardware (MASH)
 - The AASHTO Manual for Assessing safety Hardware (MASH) is the new state of the practice for the crash testing of safety hardware devices for use on the National Highway System (NHS). It updates and replaces NCHRP Report 350.
 - Federal Highway Administration (FHWA) acceptance letter
 - FHWA acceptance letters that were issued prior to MASH testing methods are suitable. All new designs must be tested under MASH guidelines
 - Any changes in design that may adversely influence the crashworthiness of the device will require a new acceptance letter

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- Operation
 - Specific operations shall be reviewed and approved by MCDR, such as limiting how high a speed will be shown on the display
- Maintenance
 - Must maintain speed radar signs at or above the current MMUTCD reflectivity requirements
 - Must update any signs to maintain compliance with any MMUTCD standards and compliance dates
 - Knock-downs, replacements, or other maintenance requirements need to be addressed within a reasonable amount of time, subject to the judgment of MCDR.
- This policy is not all inclusive regarding specifications or instructions in attaining and submitting a permit. Any questions please contact the MCDR Traffic Department at (586) 463-8671.