

8830.1600 PLACEMENT OF ACTIVE WARNING DEVICE.

Subpart 1. **Location of active warning device.** In placing active warning devices, primary consideration must be given to ensuring the proper visibility of the faces of the active warning devices. Active warning devices must be located in compliance with the MMUTCD and in accordance with part 8830.9901, subparts 6 and 7.

Subp. 2. **Use and location of additional active warning device.** Additional light units or an additional active warning device may be used if the commissioner after an investigation determines that the use of a single active warning device is inadequate to warn all roadway traffic approaching the grade crossing from one direction. Use and location of additional active warning devices must comply with the MMUTCD.

Subp. 3. **Gate arm.** Where local conditions require, such as when the grade crossing is at a skew angle, gate arms may be placed at other than right angles to the roadway.

Subp. 4. **Controller cabinets.** At locations where the roadway speed is 40 miles per hour (60 kilometers per hour) or greater, controller cabinets must be located a minimum of 30 feet (nine meters) clear of the edge of the nearest traffic lane unless precluded by physical features such as steep side slopes. At locations where the roadway speed is less than 40 miles per hour (60 kilometers per hour), controller cabinets must be located in compliance with the MMUTCD.

Subp. 5. **Active warning device foundation.** Active warning device foundations must be located in compliance with the MMUTCD.

Subp. 6. **Active warning device on median.** On medians, active warning device support masts must be located in compliance with the MMUTCD.

Statutory Authority: *MS s 218.071; 219.073; 219.165; 219.17; 219.384; 222.50; 222.58; 222.63*

History: *23 SR 524*

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