

January 14, 2004

**TRAFFIC ENGINEERING DIRECTIVE
301-3**

Supersedes TED 301-2

SUBJECT: CENTERLINE, EDGELINE, AND LANELINE MARKINGS

I. Centerline Markings

- A. When Centerline Markings are placed on two-way highways, they shall be yellow and shall be marked as passing and/or no passing zones in accordance with the applicable section of the Manual on Uniform Traffic Control Devices (MUTCD). Passing shall be designated by a broken yellow line of 10 feet in length with a 30-foot gap; and no passing shall be designated by a solid yellow line.
- B. All two way highways with pavement widths of 16 feet or more which have a surface type of G1 (mixed bituminous) or better and an ADT of 400 or more should be marked with standard centerline markings consisting of passing and/or no passing zones. All two way highways with pavement widths of less than 16 feet shall not be marked with a centerline.
- C. Where there are frequently spaced intersections of city streets and driveways with a presence of curbs, sidewalks, and gutters, a double solid yellow centerline should be used to restrict passing which could create an accident potential in the built up area. The area in question should be reviewed by the Traffic Engineering Division or by the District Traffic Engineer.

II. Edgeline Markings

- A. Edgelines shall be white except that on each roadway of divided streets and highways and on one way roadways in the direction of travel, left edgelines shall be yellow.
- B. Edgelines shall be placed on all interstate highways and ramps and should be placed on all US and WV numbered highways having a pavement width of 18 feet or more. Edgelines should also be placed on all county routes having a pavement width of 18 feet or more, a surface type of G1 (mixed bituminous) or better, and an ADT of 400 or more.
- C. Standard width of all edgelines shall be 4 inches.
- D. Edgelines and centerlines shall be renewed as necessary to provide reasonable reflectivity at night.
- E. For wide intersections, for intersections in curves and at other locations where

it is deemed necessary to provide guidance for through traffic through an intersection, the edgelines should be extended through the intersection. The extension of the edgeline through the intersection should consist of 4-inch wide by 2-foot long lines, separated by a 6-foot space. Where additional emphasis is needed, the edgeline extensions may be up to 8 inches wide.

III. Lane Line Markings

- A. All lane line and channelizing markings on concrete pavements shall be placed to the left of the center longitudinal joint of the roadway.**
- B. Lane lines shall have a standard width of 4 inches and be a broken white line of 10 feet in length with a 30-foot gap.**
- C. Channelizing lines for lane drops at exit ramps shall be 8 inches wide. The need for channelizing lines and special lane drop markings should be evaluated by the Traffic Engineering Division. These lane drop markings shall be in accordance with Section 3B.05 and Figure 3B-10 as contained in the MUTCD.**

Barry Warhoftig, P.E.
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