



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
DESIGN DIVISION
NASHVILLE, TENNESSEE 37243-0348

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COMMISSIONER

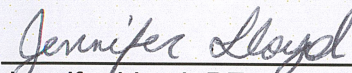
BILL HASLAM
GOVERNOR

INSTRUCTIONAL BULLETIN NO. 14-04

Regarding Permanent Pavement Marking Selection Criteria

Effective for the August 29th Letting (June 18th Turn-in), Table 4-3 is updated as attached.

PURPOSE: This Instructional Bulletin adds guidance for centerline rumble stripes, clarifies guidance concerning snowplowable raised pavement markers, corrects a typo concerning the item number for rumble strips on Multilane State Routes.


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4/22/14
JL:ARH:MWC

**Permanent Pavement Markings, Raised Pavement Markers,
Rumble Strip and Rumble Stripe Guidelines Notes**

1. The contractor may elect to use either thermoplastic or preformed plastic for specialty striping items. These items include stop lines, cross walks, arrows, words, channelization, and other specialty striping items except lines.
2. The following footnote shall be added to all Specialty Striping Items: **“The contractor may elect to substitute Preformed Plastic for Thermoplastic. Preformed Plastic shall be paid for at the same unit price as bid for Thermoplastic.”**
3. Specialty striping items may be either paint or thermoplastic.
4. Snowplowable Raised Pavement Markers (SRPMs) shall conform to this guidance:
 - a. SRPMs located along centerlines of 2 direction roadways (Yellow Stripe) shall be paid for under Item No. 716-01.21 “Bi-directional snowplowable raised pavement markers (reflector on both sides), per each. Lenses shall be yellow
 - b. SRPMs on lane lines between lanes of the same travel (Broken White Stripes) direction on undivided roadways shall be paid under Item No. 716-01.22, Snowplowable Pavement Markers (Mono-Dir) (1 Color), per each. Lenses shall be clear or white
 - c. SRPMs on lane lines between lanes of the same travel (Broken White Stripes) direction on divided roadways shall be paid for under Item No. 716-01.23, Snowplowable Pavement Markers (Bi-Dir) (2 Color), Each. Lenses shall be clear or white on the upstream side (facing traffic), lenses shall be red facing downstream side (facing wrong-way traffic).
 - d. Refer to T-M-series standard drawings for details. Three lane and multilane roads with 2-way traffic will normally require both mono-directional and bi-directional snowplowable raised pavement markers. Two lane roads will normally require bi-directional snowplowable raised pavement markers.
5. Rumble strips are not required on ramps.
6. Centerline Rumble Stripes may only be used if justified by crash history and if the road meets the following conditions:
 - a. Design Speed of 45 mph or greater
 - b. ADT of 1500 or greater
 - c. Lane width of 12 feet or greater
 - d. Undivided Section
 - e. No passing or one way passing zone
7. For concrete shoulders, the rumble strip is to be placed in accordance with standard drawings RP-CS-1 or RP-CS-2. Item No. 501-03.10, Concrete Shoulder Rumble Strips, L.F. The length of scoring shall be measured as the actual length of pavement scored.
8. Rumble Strip for Interstate or Freeway, See STD DWG T-M-15
 Rumble Strip for Non-access controlled route, See STD DWG T-M-15A
 Edgeline Rumble Stripe, See STD DWG T-M-16
 Centerline Rumble Stripe, See STD DWG T-M-16A
9. See 4-411.03 and 4-411.04 for additional guidance regarding rumble strip and rumble stripe placement.