



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
NASHVILLE, TENNESSEE 37243-0350**

INSTRUCTIONAL BULLETIN No. 04-05

Regarding Policy for Permanent Pavement Markings

Effective for the February 6, 2004 letting, Section 4-716.15 on page 4-84 of the English and Metric Design Guidelines shall be modified.

Attached are copies of pages 4-83 and 4-84 in both the English and Metric Design Guidelines intended to replace this duplexed page in your guidelines.

This bulletin voids Instructional Bulletins 04-04

A handwritten signature in black ink, reading "Jeff C. Jones", written over a horizontal line.

Jeff C. Jones, C. E. Director
Design Division

JCJ: hwb
Attachments
November 18, 2003

4-716.10 POLICY FOR TEMPORARY PAVEMENT MARKINGS

Temporary pavement markings on the intermediate layers of pavement open to traffic will be installed to permanent standards daily with reflective tape or reflectorized paint.

No temporary striping is required on the final surface if preformed plastic (716-10.01 or 716-10.15) or reflectorized paint (716-05.01) is the permanent marking material, since these permanent markings are to be installed daily as the final surface paving operations proceed.

If the permanent marking material is thermoplastic, the contractor may elect to mark the final layer of pavement with reflectorized paint to permanent standards daily and wait until the paving operation has been completed before the permanent markings are installed. In this case, the temporary markings for the final layer will not be measured and paid for directly, but the costs are to be included in the price bid for the permanent markings.

4-716.13 PAVEMENT MARKING PLANS ON INTERSTATE AND FULL-ACCESS CONTROL ROADWAYS (See 3-330.00)

TDOT - ROADWAY DESIGN GUIDELINES

English

Revised: 11/18/03

4-716.15 POLICY FOR PERMANENT PAVEMENT MARKINGS

<u>TYPE ROADWAY</u>	<u>ADT</u>	<u>MATERIAL</u>
Asphalt Interstate or Other Similar Freeways and Expressways (See Note No. 1 Below)	75,000 or Over	Preformed Plastic Centerlines, Lane Lines and Edgelines (716-10.15 - 6 inch)
Asphalt Interstate or Other Similar Freeways and Expressways	Under 75,000	Thermoplastic Centerlines, Lane Lines and Edgelines (716-02.10 - 6 inch)
Asphalt Multi-lane Conventional Highways	All ADT's	Thermoplastic Centerlines, Lane Lines and Edgelines (716-02.01)
Asphalt Two-lane	2,000 or Over	Thermoplastic Centerlines, Lane Lines and Edgelines (716-02.01)
Asphalt Two-lane	Under 2,000	Paint Centerlines and Edgelines (716-05.01)
Concrete All Roadways (See Note No. 2 Below)	All ADT's	Preformed Plastic Centerline, Lane Lines and Edgelines (716-10.01 or 716-10.15)
Concrete Grinding	All ADT's	Preformed Plastic Centerline, Lane Lines and Edgelines (716-10.01 or 716-10.15)
Intersection Project	All ADT's	Thermoplastic - Asphalt (716-02.01) Preformed Plastic - Concrete (716-10.01)

1. On Microsurface pavements, thermoplastic shall be used for lane lines and edgelines.
2. Includes all concrete ramps and concrete bridge decks

NOTE: Centerlines, edgelines and broken white lines on all interstate and non-interstate access control roadways, will now be 6 inches wide. These 6-inch wide lines will be used on all new construction, reconstruction and resurfacing projects. See web site regarding pay items for these 6-inch lines.

http://www.tdot.state.tn.us/Chief_Engineer/assistant_engineer_design/design/RoadItemLists/roaditem_index.htm

NOTE: Intersections within roadway projects shall have all lines marked with the same marking material as that determined in the previous table for the entire project.

4-716.10 POLICY FOR TEMPORARY PAVEMENT MARKINGS

Temporary pavement markings on the intermediate layers of pavement open to traffic will be installed to permanent standards daily with reflective tape or reflectorized paint.

No temporary striping is required on the final surface if preformed plastic (716M10.01 or 716M10.15) or reflectorized paint (716M05.01) is the permanent marking material, since these permanent markings are to be installed daily as the final surface paving operations proceed.

If the permanent marking material is thermoplastic, the contractor may elect to mark the final layer of pavement with reflectorized paint to permanent standards daily and wait until the paving operation has been completed before the permanent markings are installed. In this case, the temporary markings for the final layer will not be measured and paid for directly, but the costs are to be included in the price bid for the permanent markings.

4-716.13 PAVEMENT MARKING PLANS ON INTERSTATE AND FULL-ACCESS CONTROL ROADWAYS (See 3-330.00)

TDOT - ROADWAY DESIGN GUIDELINES

Metric

Revised: 11/18/03

4-716.15 POLICY FOR PERMANENT PAVEMENT MARKINGS

<u>TYPE ROADWAY</u>	<u>ADT</u>	<u>MATERIAL</u>
Asphalt Interstate or Other Similar Freeways and Expressways (See Note No. 1 Below)	75000 or Over	Preformed Plastic Centerlines, Lane Lines and Edgelines (716M10.15 - 150 mm)
Asphalt Interstate or Other Similar Freeways and Expressways	Under 75000	Thermoplastic Centerlines, Lane Lines and Edgelines (716M02.10 - 150 mm)
Asphalt Multi-lane Conventional Highways	All ADT's	Thermoplastic Centerlines, Lane Lines and Edgelines (716M02.01)
Asphalt Two-lane	2,000 or Over	Thermoplastic Centerlines, Lane Lines and Edgelines (716M02.01)
Asphalt Two-lane	Under 2,000	Paint Centerlines and Edgelines (716M05.01)
Concrete All Roadways (See Note No. 2 Below)	All ADT's	Preformed Plastic Centerline, Lane Lines and Edgelines (716M10.01 or 716M10.15)
Concrete Grinding	All ADT's	Preformed Plastic Centerline, Lane Lines and Edgelines (716M10.01 or 716M10.15)
Intersection Project	All ADT's	Thermoplastic - Asphalt (716M02.01) Preformed Plastic - Concrete (716M10.01)

1. On Microsurface pavements, thermoplastic shall be used for lane lines and edgelines.
2. Includes all concrete ramps and concrete bridge decks

NOTE: Centerlines, edgelines and broken white lines on all interstate and non-interstate access control roadways, will now be 150 mm wide. These 150 mm wide lines will be used on all new construction, reconstruction and resurfacing projects. See web site regarding pay items for these 150 mm lines.

http://www.tdot.state.tn.us/Chief_Engineer/assistant_engineer_design/design/RoadItemLists/roaditem_index.htm

NOTE: Intersections within roadway projects shall have all lines marked with the same marking material as that determined in the previous table for the entire project.