

SECTION 629 - PAVEMENT MARKINGS

Make the following amendments to said Sections:

(I) Amend **Subsection 629.03(B) – Temporary Pavement Markings** by revising the third paragraph from line 62 to 63 to read:

“Maintain and replace temporary pavement markings, flexible delineators, and barricades. ”

(II) Amend **Table 629.03 – 1 – Temporary Pavement Markings** to read as follows:

“TABLE 629.03-1 TEMPORARY PAVEMENT MARKINGS	
TYPE	PAVEMENT MARKINGS
Passing Permitted – Both Sides	Single 4-inch yellow stripe 5 feet in length spaced 20 feet on center with Type D markers spaced 40 feet on center and located on center of 5-foot length of stripe.
Passing Prohibited – Both Sides	Double solid 4-inch yellow stripes with Type D markers placed 20 feet on center on one of 4-inch yellow stripes selected by the Engineer.
Passing Permitted – One Side Only	Single continuous 4-inch yellow stripe with Type D markers placed on stripe 20 feet on center on no-passing side and single 4-inch yellow stripes 5 feet in length spaced 20 feet on center on passing side.
Lane Lines – Lane Changing Permitted	Single 4-inch yellow or white stripe 5 feet in length spaced 20 feet on center with Type C or Type D markers spaced 40 feet on center.
Lane Lines – Lane Changing Prohibited	Double solid 4-inch white stripes with Type C markers placed 20 feet on center on one of the 4-inch white stripes selected by the Engineer.
Crosswalk	Two 12-inch white transverse lines spaced 8 feet on center or as ordered by the Engineer.
Stop Line	Single 12-inch white transverse line.
Note: Paint may be used for temporary markings in areas where final paving is not complete.”	

(III) Amend **Subsection 629.03(C) – Permanent Pavement Markings** by adding the following after line 267:

“(5) Thermoplastic Hot Spray Pavement Marking.

(a) Equipment. Use equipment constructed for preparation and application of thermoplastic hot spray pavement marking.

Equipment shall provide continuous mixing and agitation of material. Conveying parts of equipment shall be constructed to prevent accumulation and clogging.

Use applicator capable of containing minimum of 125 pounds of molten material.

Provide kettle for melting and heating composition. Equip kettle with automatic thermostat control device so that heating can be done by controlled heat transfer liquid rather than direct flame.

Equip and arrange applicator and kettle in accordance with National Fire Underwriters requirements.

Mixing and conveying parts, including the spray gun, shall maintain material at molten temperature.

Apply beads to entire surface of completed stripe by automatic bead dispenser attached to hot spray applicator.

Equip bead dispenser with automatic cutoff control synchronized with cutoff of thermoplastic material.

Use equipment that provides for varying spray widths to produce varying widths of traffic markings.

Use mobile and maneuverable applicator that is capable of following straight lines and making curves in true arcs.

(b) Application. Clean off dirt, debris, blaze, paint, tape, and grease. Apply thermoplastic hot spray pavement marking only when pavement surface is dry.

Use equipment that can apply material in variable widths from 2 inches to 12 inches. Apply material for full width of stripe in one application or pass.

On concrete pavements, on HMA pavements more than seven days old, and on HMA pavements paved within seven days

65 containing less than 6 percent bituminous asphalt, pre-stripe
66 application area with binder material, primer, or prime seal coat
67 recommended by pavement marker manufacturer.

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69 Line thickness, as viewed from lateral cross section, shall
70 measure not less than 3/32 inch at edges, and not less than 1/8
71 inch in center.

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73 Where required by the contract documents to apply new
74 markings over existing markings, bond new line over old line so that
75 no splitting or separation takes place during its useful life.

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77 Provide finished lines with well-defined edges, free of
78 waviness.”

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80 **(IV) Amend Subsection 629.04 – Measurement** from lines 292 to 294 to read
81 as follows:

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83 **“629.04 Measurement.** Pavement striping, pavement marker, crosswalk
84 marking, yield line, pavement arrow, pavement word, and pavement symbol will
85 be paid on a lump sum basis. Measurement for payment will not apply.

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87 **(V) Amend Subsection 629.05 – Payment** by adding the following pay item:

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89 “Yield Line (Tape, Type III or Thermoplastic Extrusion) Lump Sum
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91 _____-Inch Pavement Striping (Thermoplastic Hot Spray) Lump Sum”

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END OF SECTION 629