

SECTION 629 - PAVEMENT MARKINGS

Make the following amendments to said Section:

(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:

18 “(5) **Thermoplastic Hot Spray Pavement Marking.**

19
20 **(a.) Equipment.** Use equipment constructed for preparation
21 and application of thermoplastic hot spray pavement marking

22
23 Equipment shall provide continuous mixing and agitation of
24 material. Conveying parts of equipment shall be constructed to
25 prevent accumulation and clogging.

26
27 Use applicator capable of containing minimum of 125
28 pounds of molten material.

29
30 Provide kettle for melting and heating composition. Equip
31 kettle with automatic thermostat control devise so that heating can
32 be done by controlled heat transfer liquid rather than direct flame.

33
34 Equip and arrange applicator and kettle in accordance with
35 National Fire Underwriters requirements.

36
37 Mixing and conveying parts, including the spray gun, shall
38 maintain material at molten temperature.

39
40 Apply beads to entire surface of completed stripe by
41 automatic bead dispenser attached to hot spray applicator.

42
43 Equip bead dispenser with automatic cutoff control
44 synchronized with cutoff of thermoplastic material.

45
46 Use equipment that provides for varying spray widths to
47 produce varying widths of traffic markings.

48
49 Use mobile and maneuverable applicator that is capable of
50 following straight lines and making curves in true arcs.

51
52 **(b) Application.** Clean off dirt, debris, blaze, paint, tape, and
53 grease. Apply thermoplastic hot spray pavement marking only when
54 pavement surface is dry.

55
56 Use equipment that can apply material in variable widths from 2
57 inches to 12 inches. Apply material for full width of stripe in one
58 application or pass.

59
60 On concrete pavements, on HMA pavements more than seven
61 days old, and on HMA pavements paved within seven days containing
62 less than 6 percent bituminous asphalt, pre-stripe application area with
63 binder material, primer, or prime seal coat recommended by pavement
64 marker manufacturer.

66 Line thickness as viewed from lateral cross section, shall measure
67 not less than 3/32 inch at edges, and not less than 1/8 inch in center.
68

69 Where required by the contract documents to apply new markings
70 over existing markings, bond new line over old line so that no splitting or
71 separation takes place during its useful life.
72

73 Provide finished lines with well-defined edges, free of waviness.”
74

75 **(IV) Amend Subsection 629.05 - Payment by adding the following pay item:**
76

77 “_____-Inch Pavement Striping
78 (Thermoplastic Hot Spray)

Lump Sum”
79
80
81
82

83 **END OF SECTION 629**