04/02/2018

S634-14\_04022018.docx

|  |
| --- |
| Use on all projects. |

## Section 634. — PERMANENT PAVEMENT MARKINGS

**Construction Requirements**

|  |
| --- |
| Use 634.03 on projects with striped parking areas. |

**634.03 General.** Add the following to the ninth paragraph:

Apply glass beads to parking lot markings at the direction of the CO.

|  |
| --- |
| Use 634.04 on projects when solvent based paint is specified (Paint Type A). |

**634.04 Solventborne Traffic Paint (Type A).** Delete the Subsection and substitute the following:

Apply paint when the pavement and air temperature are at 35°F (2°C) and rising. Do not heat the paint above 120°F (49°C). Apply paint at a rate of 100 square feet per gallon (2.5 square meters per liter).

Apply Type 1 glass beads on the paint at a rate of 6 pounds per gallon (0.72 kilometers per liter) of paint.

Apply two applications of paint and glass beads. Apply the second coat in the opposite direction of the first application. Apply the second application after the first is tack free.

|  |
| --- |
| Use 634.05 on all projects when water based paint is specified (Paint Type B or C). |

**634.05 Waterborne Traffic Paint (Type B and C).** Delete the Subsection and substitute the following:

Apply paint when the pavement and air temperature are at 50°F (10°C) and rising.

**(a) Type B**. Do not heat the paint above 120°F (49°C). Apply paint at a rate of 100 square feet per gallon (2.5 square meters per liter).

Apply Type 1 glass beads on the paint at a rate of 6 pounds per gallon (0.72 kilometers per liter) of paint.

Apply two applications of paint and glass beads. Apply the second coat in the opposite direction of the first application. Apply the second application after the first is tack free.

**(b) Type C**. Do not heat the paint above 120°F (49°C). Apply paint at a rate of 70 square feet per gallon (1.7 square meters per liter).

Apply glass beads using two dispensers. Apply Type 3 glass beads on the paint at a rate of 8 pounds per gallon (0.96 kilometers per liter) immediately followed by Type 1 glass beads at a rate of 6 pounds per gallon (0.72 kilometers per liter).

**Measurement**

|  |
| --- |
| Measurement will be by the **length** of each stripe for both centerline and edge lines. When the total length exceeds 10,560 LNFT (5000 meters), measure and pay for pavement markings by the MILE (Kilometer).  Solvent based Type A paint and water based Type B paint is applied twice and measured twice.  Water based Type C paint is applied once and measured once. |

**634.12** Add the following after the first paragraph:

When two applications of paint are required, measure each application.

Delete the second paragraph and substitute the following:

When pavement markings are measured by the linear foot (meter), measure the length of line applied along the centerline of each line applied regardless of color or line width. Measure broken or dotted pavement lines from end to end of the line including gaps. Measure solid pavement lines from end to end of each continuous line. For wide lines (12 inches (300 millimeters) in width or greater), adjust the measured length of line in the ratio of the required width to 4 inches (100 millimeters).