

Permanent Pavement Marking Paint and Beads

Updated – 11-14-03

Traffic Paint –

The contractor shall use a traffic paint that can be applied under the temperature conditions existing at the time of application. Traffic paint selected for use shall be one of the following:

1. Acrylic Resin Lead and Chromium Free Waterborne Traffic Paint
2. VOC Compliant Alkyd Resin Lead and Chromium Free Traffic Paint

The paint shall be a VOC compliant lead and chromium free traffic paint meeting the requirements of the current Nebraska Department of Roads Specification. The paint shall be furnished ready mixed and shall not be diluted or thinned. When applied at a wet film thickness of 15 mils the paint shall provide a five-inch wide stripe that dries within the specified time. The traffic paint shall be compatible with drop-on glass beads, providing good adhesion and good refraction. The color for the white paint after drying shall be a flat white, free from tint, furnishing good opacity and visibility. For yellow, the color shall closely match Color Chip 33538 of Federal Standard 595.

The traffic paints will be accepted on the basis of a Manufacturer's Certified Test Results indicating that the paint meets the requirements of the current Nebraska Department of Roads Specification for Traffic Paint.

Glass Beads –

Glass beads for use with Acrylic Waterborne Traffic Paint and VOC Compliant Alkyd Resin Traffic Paint shall be designated as AASHYO M247 Type I Coarse and shall meet the latest Nebraska Department of Roads Specification Requirements.

Temporary Pavement Marking

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Traffic Paint –

Any commercially available traffic paint shall be acceptable, if the plans or special provisions do not specify the type.

Glass Beads –

Any commercially available glass beads meeting the Nebraska Department of Roads Specification Requirements for AASHTO M247 Type I Coarse Glass Beads.