

**SECTION 02580
PAVEMENT MARKINGS**

PART 1 – GENERAL

3.01 DESCRIPTION:

- A. Furnish and install permanent painted pavement markings, fast drying temporary painted pavement markings, and painted legend, arrows and markings, of the type and color specified at the locations indicated on the plans, these specifications and as directed by the Engineer.
- B. Remove existing and install temporary pavement markings as required to maintain and protect traffic in accordance with the Contractor's approved MPT plans and CT DOT encroachment permit requirements.
- C. Furnish all materials, tools, equipment, and labor required to install new permanent painted pavement markings, painted legend, arrows, and markings, in accordance with the plans and specifications following permanent pavement restoration within the sewer construction limits.

3.02 RELATED SECTIONS:

- A. Section 02510 - Asphalt Paving

3.03 REFERENCE:

- A. State of Connecticut Department of Transportation, Standard Specifications for Roads, Bridges, and Incidental Construction, Form 816-2004 (hereafter referred to as CDOT Form 816).

3.04 QUALITY ASSURANCE:

- A. Work shall be performed in accordance with CDOT Form 816.
- B. Application work shall be performed by skilled workmen having a minimum two years of experience on projects requiring similar pavement marking work.
- C. Painting shall not be conducted when conditions of snow, rain, fog, mist, or humidity in excess of 85 percent persist; nor shall paint be applied to wet or damp surfaces.
- D. Materials not in actual use shall be stored in tightly covered containers and shall be protected from freezing.

PART 2 – PRODUCTS

3.01 PAVEMENT MARKING PAINT:

- A. Materials for this work shall conform to the requirements of CT DOT Sections M.07.20 for waterborne pavement marking paint, M.07.21 for hot-applied waterborne pavement marking paint and M.07.30 for glass beads.
- B. Provide as required for temporary and permanent linestriping and painted pavement markings.

PART 3 – EXECUTION

3.01 GENERAL:

- A. Provide temporary fast drying painted pavement markings following installation of temporary pavement or binder course as required to maintain and protect traffic during construction or in preparation for winter shutdown.

- B. Remove or obliterate existing pavement markings as required.
- C. Install permanent painted pavement markings to restore or replace all existing painted pavement markings within the project limits following permanent pavement restoration.

3.02 PREPARATION:

Ensure pavement areas to be painted are dry and sufficiently cleaned of sand and debris so as to provide an acceptable bond between the paint and the pavement.

3.03 APPLICATION:

- A. Apply paint according to the manufacturer's recommendations using proper masking, stencils, and application equipment.
- B. Painting shall be performed in a neat workmanlike manner. The lines shall be sharp and clear with no feathered edging or fogging. Precautions shall be taken to prevent tracking by tires of the application equipment.
- C. Traffic cones, barricades, and other measures shall be provided as necessary to protect the paint until it is sufficiently dry to withstand traffic.

3.04 CLEAN-UP:

- A. After the paint is thoroughly dry, visually inspect the entire application and touch-up as needed to provide clean, straight lines and surfaces throughout.
- B. Using a permanent opaque paint identical in color to the pavement surface, block out and eliminate all traces of splashed, tracked, or spilled paint.

END OF SECTION 02580