GREEN-COLORED PAVEMENT MARKINGS.
(REV 5-27-20)

The following new Section is added after Section 713:

SECTION 714
GREEN-COLORED PAVEMENT MARKINGS

714-1 Description.
Apply new green-colored pavement markings in accordance with the Contract Documents.

714-2 Materials.
Use only materials listed on the Innovative Product List (IPL) and meeting the following requirements:

Materials for Green-Colored Pavement Markings............ Section 976
The Engineer will take random samples of all material in accordance with the Department's Sampling, Testing and Reporting Guide schedule.

714-3 Equipment.
Use equipment in accordance with the manufacturer’s installation instructions.

714-4 Application.
714-4.1 General: Remove existing pavement markings using a method approved by the Engineer such that pavement surface scars or traces of the removed pavement markings will not conflict with new pavement markings. Do not use paint to blackout, hide, or disguise existing pavement markings.

For installation on new asphalt roadways, apply pavement markings a minimum of 14 days after placement of the final asphalt surface course.

Before applying pavement markings, remove any material that would adversely affect the bond of the pavement markings by a method approved by the Engineer. Follow the manufacturer’s recommendations for surface preparation.

For each green-colored pavement marking location, produce and provide a video record of the pavement before and after installations. Video records will be provided to the Department within one week after installation. Provide video files via digital media (DVD, flash drive, or other) or by online digital distribution with a minimum standard resolution of 720 x 480 and at a speed not greater than 6 feet per second. The video image shall be clear, focused, and relatively free from roll, static, or other image distortion qualities that would prevent the reviewer from evaluating the condition of the roadway surface.

714-4.2 Preformed Thermoplastic:
Apply a primer, sealer, or surface preparation adhesive as recommended by the manufacturer’s recommendations prior to installation.

Apply markings to dry surfaces only and when ambient air temperature is at least 32°F. Prior to installation, follow the manufacturer’s recommendations for pre-heating. Apply 0.125 inch or 125 mils of preformed thermoplastic material. Apply skid resistant material in accordance with the manufacturer’s instructions.
714-4.3 Two Reactive Component Pavement Markings: Install two reactive component pavement markings in accordance with manufacturer’s recommendations.

Install two reactive component pavement markings in areas subject to vehicular traffic to a thickness meeting manufacturer recommended thickness requirements.

714-5 Contractor’s Responsibility for Notification.
Notify the Engineer prior to the placement of the materials. At the time of notification, submit a certification to the Engineer with the Product name and the batch or Lot numbers of the preformed thermoplastic or two component reactive pavement markings to be used.

714-6 Protection of Newly Applied Pavement Markings.
Do not allow traffic onto or permit vehicles to cross newly applied pavement markings until they are sufficiently dry. Remove and replace any portion of the pavement markings damaged by passing traffic or from any other cause, at no additional cost to the Department.

714-7 Submittals.
714-7.1 Submittal Instructions: Prepare a certification of quantities, using the Department’s current approved form, for each project in the Contract. Submit the certification of quantities and daily worksheets to the Engineer. The Department will not pay for any disputed items until the Engineer approves the certification of quantities.

714-7.2 Contractor’s Certification of Quantities: Request payment by submitting a certification of quantities no later than noon Monday after the estimate cut-off date or as directed by the Engineer, based on the amount of work done or completed. Ensure the certification of quantities consists of the following:

1. Contract Number, FPID Number, Certification Number, Certification Date and the period that the certification represents.

2. The basis for arriving at the amount of the progress certification, less payments previously made and less any amount previously retained or withheld. The basis will include a detailed breakdown provided on the certification of items of payment.

714-8 Method of Measurement.
The quantity to be paid for will be the area, in square feet, of green-colored pavement markings certified as installed/used on the project.

714-9 Basis of Payment.
Prices and payments will be full compensation for all work specified in this Section, including, all cleaning and preparing of surfaces, furnishing of all materials, application, curing and protection of all items, protection of traffic, furnishing of all tools, machines and equipment, and all incidentals necessary to complete the work. Final payment will be withheld until all deficiencies are corrected.

Payment will be made under:

Item No. 920- 714- Green-Colored Pavement Markings – per square foot.