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## **450 FINAL PAVEMENT MARKINGS ON FINAL SURFACE COURSES**

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### 450.0 CHIP SEAL:

**Final pavement markings shall be replicated following the application of a chip seal (or other similar surface treatment involving aggregate materials), as follows:**

- 1. Pre-mark the roadway with chip seal markers (see Standard Drawing M-20) guided by the existing striping or an approved striping plan.**
- 2. The roadway surface shall be cleaned by sweeping and/or air jet blowing, and the roadway shall be dry prior to the placement of all pavement markings.**

### 450.1 INITIAL STRIPING:

- 1. The roadway shall initially be striped with one application of paint within seven calendar days after the completion of the chip seal application or surface treatments used as final surface course.**
- 2. The paint shall be reflectorized waterborne paint conforming to section 708 of the Standard Specifications.**

### 450.2 FINAL STRIPING:

- 1. The final striping shall be applied over the initial striping between 30 and 60 calendar days after the completion of the initial striping.**
- 2. The final striping shall be reflectorized and shall be one of the following pavement marking materials:**
  - A. Waterborne paint (second application),
  - B. Alkyd extruded thermoplastic pavement markings,
  - C. Dual component pavement marking,
  - D. Preformed pavement marking, or
  - E. Any other permanent (final) pavement marking material identified in the Standard Specifications.
- 3. The thickness, air and surface temperatures, and other application details of each material shall conform to the requirement of the Standard Specifications.**

450.3 PAVEMENT MARKERS:

1. **Within 90 calendar days, but not sooner than 60 calendar days after the application of final striping, pavement markers shall be installed as specified by the plans and in conformance with the requirements of the Standard Specifications. The air and pavement temperature shall be a minimum of 40 degrees F.**

450.4 TRANSVERSE MARKINGS:

1. **Where identified on the plans, initial painted transverse markings shall be applied to the roadway shortly after the initial striping is applied.**
2. **The final transverse markings shall be reflectorized and shall be applied shortly after the application of final striping.**
3. **The final transverse markings shall be one of the pavement marking materials identified in section 450.2.**
4. **The thickness, air and surface temperatures, and other application details of each material shall conform to the requirements of the Standard Specifications.**

**The use and installation of pavement marking materials on a chip seal or other surface treatment shall be subject to the approval of the Regional Traffic Engineer. The Regional Traffic Engineer may authorize the application of pavement marking materials in less than 30 or more than 60 calendar days.**