

SP850 (04-02-0901-14-10)

(When this Section is used on a project and when it has a completion date of September 15 or later, contact the Scheduler to determine if a separate completion date for striping is required. If a separate completion date is required, include an interim completion date in 00180.50(h).)

SECTION 00850 - COMMON PROVISIONS FOR PAVEMENT MARKINGS

(Follow all instructions. If there are no instructions above a subsection, paragraph, sentence, or bullet, then include them in the project but make necessary modifications to only include project specific specifications. Delete specifications that do not apply to the project.)

Comply with Section 00850 of the Standard Specifications modified as follows:

00850.20(b) Equipment for Longitudinal Lines - Replace the paragraph that begins "Use equipment capable of..." with the following paragraph and bullets:

Provide equipment that can:

- Place two parallel lines simultaneously with 4 inch minimum to 12 inch maximum spacings between the two lines.
- Place the entire width of a line in one pass.

(Use the following subsection .20(c) when inlaid/grooved markings are required.)

00850.20(c) Equipment for Inlaid/Grooved Markings - Replace this subsection, except for the subsection number and title, with the following:

~~Use grinding equipment with diamond grinding heads and shot-blasting equipment to create a smooth, flat-bottomed cut of uniform depth or a sloped cut as shown.~~

~~For thermoplastic and methyl methacrylate inlaid markings on dense graded asphalt concrete pavement, provide grinders with either diamond cutting heads that create smooth, flat-bottomed cuts of uniform depth or carbide cutting heads that create smooth uniform depths and uniform patterned striations as the Contractor elects.~~

~~For all other operations, provide grinders with diamond cutting heads that create smooth, flat-bottomed cuts of uniform depth or sloped cuts as shown.~~

~~*(Use the following subsection .45 when inlaid/grooved markings are required.)*~~

~~**00850.45 Installation** - Replace the paragraph that begins "After grinding..." with the following paragraph:~~

~~After grinding, obtain the Engineer's and manufacturer representative's approval before placing marking material. Clean the area with high pressure air immediately before placing the marking material.~~

00850.46 Placement Tolerance - Replace the bullet that begins "Thickness of lines..." with the following bullet:

- **Thickness of flat, surface applied lines:** + 1/3 of the specified thickness, – 1/10 of the specified thickness

00850.47(b) Curing of Material - Replace the sentence that begins "Rate the line..." with the following sentence:

Rate the line, markings, and pavement marker adhesive at the time of installation to determine if the material has properly cured.

00850.47(c) Retroreflectivity - Replace the sentence that begins "Use a retroreflectometer..." with the following sentence:

(Note to spec writer - The metric value listed below is an industry recognized standard geometry for measuring retroreflectivity. DO NOT convert the value to an English unit.)

Use a 30 meter geometry retroreflectometer to measure the retroreflectivity within 48 hours of curing, except for paint applications:

00850.70 Disposal of Waste - Replace this subsection with the following subsection:

00850.70 Disposal of Materials - Dispose of all materials according to 00290.20.