

MICHIGAN
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION
FOR
**CONSTRUCTION REQUIREMENTS FOR OVERLAY COLD PLASTIC PAVEMENT
MARKINGS**

PMK:MKB

1 of 1

APPR:GJD:KJK:03-24-25
FHWA:APPR:03-24-25

Delete subsection 811.03.D.4, on page 8-65 of the Standard Specifications for Construction in its entirety and replace it with the following:

4. **Cold Plastic.** Prepare the pavement surface and apply the cold plastic tape in accordance with the manufacturer's specifications.

Remove curing compound from new concrete surfaces before applying cold plastic tape. For pavements with two or more layers of existing overlay cold plastic marking material or any other non-compatible materials, remove the existing marking material before installing the new cold plastic markings.

Install cold plastic tape longitudinal lines, symbols, legends, crosswalks, cross hatching, guide lines, and stop bars, as shown on the MDOT Standard Plans, unless otherwise required on the plans or directed by the Engineer.

Provide adhesive-backed cold plastic for all installations. The use of surface preparation adhesive is required for all recessed cold plastic markings, all cold plastic guide line pavement markings, any time either the air or pavement temperature is below 60 °F at the time of cold plastic application, and for any other application where required by the manufacturer of the cold plastic.

When constructing a 24-inch cold plastic stop bar, utilizing 4- or 6-inch-wide cold plastic tape is prohibited and the stop bar must instead be made from 12-inch minimum width material.

Ensure that the weather has been dry for at least 24 hours and that the pavement surface is dry before applying the cold plastic tape marking. Clean the pavement surface using an air compressor with at least 185 cfm air flow and 120 psi. On all pavement surfaces, prevent damage to transverse and longitudinal joint sealers.

Immediately after placement, roll transverse and special markings at least six times with a roller weighing at least 200 pounds. The Engineer will not require additional rolling for longitudinal applications if the equipment installing the line is equipped with a roller.