

Designer Note: Use whenever installing Type B tape that should be inlaid in hot-mix-asphalt pavement. If it is a small quantity, it might not be cost effective especially if adjacent markings are in good condition and are not inlaid tape. Discuss use with the Operation's Striping Engineer.

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B – INLAID

Effective August 2, 2013

This work shall include all materials, labor, and equipment necessary to install the preformed plastic pavement marking as specified in Section 780 of the Standard Specifications, as shown in the plans, and as described herein. The Contractor shall have the option to inlay the pavement markings in accordance with the inlaid application procedure behind the paving operation or to install the pavement markings at a later date in accordance with the pavement grooving procedure. The Contractor shall supply the Engineer with a copy of the pavement marking material manufacturer's specifications for the pavement marking material and the application procedure selected prior to the operation.

Revise the first paragraph of Article 780.07(a) to read:

"Type B – Inlaid Application. On freshly placed HMA, the inlaid markings shall be applied before final compaction at the pavement temperature and embedment depth as recommended by the manufacturer and without deforming the markings. In the absence of embedment specifications from the manufacturer, no more than 45% of the thickness of the marking material shall be above the finished pavement elevation. If the Contractor is unable to achieve this depth of embedment, the markings shall be installed separately from the paving operation utilizing a pavement grooving procedure in accordance with the manufacturer's specifications and as specified herein. Markings not meeting embedment requirements shall be removed and then replaced using the pavement grooving procedure. No additional compensation will be allowed for the removal and replacement of markings not meeting embedment requirements."

Delete the last paragraph of Article 780.07(a).

Delete Article 780.07(b).

Pavement Grooving Procedure. If the pavement markings are installed separately from the paving operation, the pavement shall be grooved to create a recess in the surface course and prepared in accordance with the material manufacturer's requirements and as specified in the GROOVING FOR RECESSED PAVEMENT MARKING special provision.

Add the following paragraph after the first paragraph of Article 780.07 of the Standard Specifications.

"The markings shall be capable of being applied in a grooved slot on new and existing Portland cement concrete and HMA surfaces, by means of a pressure-sensitive, precoated adhesive or a liquid contact cement which shall be applied at the time of installation. A primer sealer shall be applied with a roller and shall cover and seal the entire bottom of the groove.

The primer sealer shall be recommended by the manufacturer of the pavement marking material and shall be compatible with the material being used. The Contractor shall install the markings in the groove as soon as possible after the primer sealer cures according to the manufacturer's recommendations. The markings placed in the groove shall be rolled or tamped into the groove with a roller or tamper cart cut to fit the groove and loaded with or weighing at least 200 lb (90kg). Vehicle tires shall not be used for rolling. The Contractor shall roll or tamp the material with a minimum of 6 passes to prevent easy removal or peeling.”

Method of Measurement. This work will be measured for payment in accordance with Article 780.12.

Delete the last paragraph of Article 780.12.

Basis of Payment. Regardless of the procedure of installation, this work will be paid for at the contract unit price per foot (meter) of applied line width, as specified, for PREFORMED PLASTIC PAVEMENT MARKING, TYPE B – INLAID – LINE. If the pavement grooving procedure is used, any grooving of the pavement for the pavement markings will be paid for according to the GROOVING FOR RECESSED PAVEMENT MARKING special provision. If the inlaid application is used, no payment will be made for grooving.