

640 PAVEMENT MARKING

ITEM 645 - PREFORMED MARKING MATERIAL

645.01 Description

645.02 Application

645.03 Layout and Premarking

645.04 Basis of Payment

645.01 Description. This work shall consist of furnishing and applying preformed pavement marking material in accordance with Item 641, Section 740.05, and the additional requirements as described herein.

645.02 Application. Preformed material shall be applied to the pavement by means of a precoated adhesive on the back, or by an adhesive or activator furnished with the material and used in accordance with the manufacturer's recommendations. Lines 12 inches (305 mm) wide or less shall be formed by one piece; lines wider than 12 inches (305 mm) shall be formed by no more than two pieces. Separate pieces shall not overlap, but may be separated by a gap not greater than 1/4 inch (6.4 mm).

Preformed material subject to premature adhesion or contamination before placement shall not be used.

Type A Material Application. The pavement surface at the time of material application shall not be less than 60°F (16°C). The material shall be initially positioned under light pressure; or, a hand operated light roller or mechanical applicator may be used. Once correctly located, the material shall be fixed in position without delay by rolling.

When Type A preformed markings are specified to be inlaid on newly placed bituminous concrete, the markings shall be pressed into the warm surface by means of a mechanical roller. Proper application of inlaid markings shall require that the bituminous concrete pavement surface have a temperature below the maximum temperature recommended for the preformed material or its adhesive backing.

Type B Material Application. The pavement surface temperature and the method of applying the markings shall be in accordance with the manufacturer's recommendations.

Type C Material Application. Application shall be in accordance with the manufacturer's recommendations.

645.03 Layout and Premarking. In addition to Section 641.06, preformed auxiliary markings shall only be placed on new pavement.

645.04 Basis of Payment. Payment for accepted quantities complete in place will be made at contract prices, or prices adjusted in accordance with Section 641.11, for:

Item	Unit	Description
645	Mile (Kilometer)	Edge Line, Type __
645	Mile (Kilometer)	Lane Line, Type __
645	Mile (Kilometer)	Center Line, Type __
645	Linear Foot (Meter)	Channelizing Line, Type __
645	Linear Foot (Meter)	Stop Line, Type __
645	Linear Foot (Meter)	Crosswalk Line, Type __
645	Linear Foot (Meter)	Transverse Line, Type __
645	Each	Railroad Symbol Marking, Type __
645	Each	School Symbol Marking, __ Inch (mm), Type __
645	Linear Foot (Meter)	Parking Lot Stall Marking, Type __
645	Each	Lane Arrow, Type __
645	Each	Word on Pavement, __ Inch (mm), Type __
645	Linear Foot (Meter)	Dotted Line, __ Inch (mm), Type __
645	Linear Foot (Meter), Square Foot (Square Meter), or Each	Removal of Pavement Marking
645	Lump Sum	Two-Way Radio Equipment