

ITEM 402.2503--25 - SEALING JOINTS IN BITUMINOUS CONCRETE OVERLAYS WITH JOINT ADHESIVE

1. DESCRIPTION:

- 1.01 This work shall consist of sealing the longitudinal joints in new bituminous concrete overlays. Bituminous concrete pavement joints shall be constructed over, and in line with, the existing underlying longitudinal Portland cement concrete pavement joints in accordance with the plans, specifications, and as directed by the Engineer.

2. MATERIALS:

- 2.01 **Joint Adhesive:** The joint adhesive shall be packaged in sealed containers. Each container shall be clearly marked with the name of the manufacturer, the trade name of the sealant, the manufacturer's batch and lot number, the pouring temperature, and the safe heating temperature.

The Contractor shall use one (1) of the following joint adhesives:

Joint Adhesive	Crafco Joint Adhesive	XJB eXtruded Joint Bond
Deery American Corp.	Crafco, Inc.	Asphalt Materials, Inc.
PO Box 4099	420 N. Roosevelt Avenue	5400 W. 86 th Street
Grand Junction, CO	Chandler, AZ	Indianapolis, IN

3. CONSTRUCTION DETAILS:

- 3.01 **General:** The Contractor shall furnish all equipment to clean the longitudinal butt joint and apply the adhesive in a continuous manner in advance of the paving operations. The joint adhesive shall be applied to a uniform thickness of 1/8" for the full height of the longitudinal butt joint.
- 3.02 **Joint Preparation:** The Contractor shall use a high pressure air lance to thoroughly clean the joint surface of dust, dirt and miscellaneous foreign material. Install and maintain suitable traps or devices on the compressed air equipment to prevent moisture and oil from contaminating the joint surface.

4. METHOD OF MEASUREMENT:

- 4.01 This work will be measured by the number of feet of joints properly sealed.

5. BASIS OF PAYMENT:

- 5.01 The unit price bid per foot shall include the cost of all labor, equipment, and materials necessary to complete the work as specified.