

SECTION 02645

ASPHALT SUPPORT FABRIC

02645.01 GENERAL

A. Description

Asphalt support fabric installation shall include, but not necessarily be limited to, the furnishing and placing of asphalt support fabric over existing paving, to serve as a reinforced waterproof membrane and crack retardant in accordance with the Contract Documents.

B. Related Work Included Elsewhere

Bituminous concrete pavement; Section 02641.

C. Quality Assurance

The Engineer will inspect all work performed to ensure compliance with the Contract Documents.

D. Submittals

1. Shop Drawings

Shop drawings shall be submitted as specified in the "General Provisions" for all asphalt support fabric furnished. The shop drawings shall include general product information, a tabulation of the fabric's physical properties, and recommended installation procedures.

2. Certificates of Compliance

Certificates of compliance shall be submitted as specified in the "General Provisions" for the asphalt support fabric stating that the asphalt support fabric meets the material requirements specified in Section 02645.02.

02645.02 MATERIALS

A. Materials Furnished by the County

The County will not furnish any materials for asphalt support fabric installation.

B. Contractor's Options

Asphalt support fabric may be spread mechanically or manually.

C. Detailed Material Requirements

1. Asphalt Support Fabric

Asphalt support fabric shall be a nonwoven fabric made of polyester yarn and shall meet the requirements of AASHTO M 288.

2. Bituminous Materials

Bituminous materials shall meet the requirements specified in Section 02644.02 except that emulsion and cutback asphalts shall not be used for tack coats.

02645.03 EXECUTION**A. Surface Preparation**

1. All dirt, water, grease, and other materials that would prevent bonding of the overlay to the existing pavement shall be removed.
2. Large cracks or holes shall be patched as directed by the Engineer. Cracks narrower than 3/8 inch shall be filled with liquid asphalt.

B. Tack Coat

Tack coat type and application rate shall be in accordance with the asphalt support fabric manufacturer's recommendations. The rate of application shall ensure good bonding and sufficient residue to impregnate the fabric.

C. Fabric Installation

Asphalt support fabric shall be overlapped at least 6 inches. The fabric shall be laid flat and if any wrinkles do occur, the fabric shall be cut and laid flat.

D. Paving

Once the asphalt support fabric is in place, paving shall proceed as specified in Section 02641.03.

02645.04 METHOD OF MEASUREMENT

Measurement for asphalt support fabric will be made of the finished area of fabric installed. No measurement will be made for asphalt support fabric damaged due to the fault or negligence of the Contractor, nor for overlap area required by these specifications.

02645.05 BASIS OF PAYMENT

Payment for asphalt support fabric will be made at the price bid per square yard of fabric acceptably installed. The price bid shall include furnishing and applying tack coat,

furnishing, and placing the fabric, and furnishing all labor, tools, equipment, and materials necessary to complete the work as shown and specified in strict accordance with the Contract Documents, and accepted by the Engineer.

END OF SECTION