

ITEM 07608.9401 M - IMPRINTING AND COLORING OF ASPHALT CONCRETE PAVEMENT

DESCRIPTION

This work shall consist of imprinting asphalt concrete pavement, and applying both a coloring agent and a sealer at the locations shown on the contract plans or as directed by the Engineer.

MATERIALS

The contractor shall submit product literature to the Engineer for review and approval by the Regional Landscape Architect prior to performing any work under this item. The materials used in the coloring process shall conform to the following requirements:

Coloring Agent. The coloring agent shall consist of an integrally-colored acrylic polymer surfacing agent developed specifically for use over imprinted asphalt in higher traffic areas.

Sealer. The sealer shall be a clear, breathable, acrylic polymer product developed specifically for use over imprinted asphalt in higher traffic areas.

CONSTRUCTION DETAILS

Asphalt pavement shall be imprinted and colored at the locations shown on the drawings, and in accordance with the specifications and recommendations of the company whose imprinting and coloring products and processes are being utilized. The patterns and colors shall be as shown in the contract plans.

Imprinting shall begin once the asphalt has reached its final density and while there is still sufficient heat in the asphalt to permit imprinting. Imprinting shall be achieved using steel rollers and/or vibratory plates and shall be of consistent depth.

Neither the coloring agent nor the sealer shall be applied in temperatures below 7° C and rising, or when precipitation can be expected within 24 hours. The coloring agent shall be spray applied and broomed using a broom or brushes. Once the coloring agent is fully dried, the sealer shall be spray applied and broomed into the surface. Prior to its application, the sealer shall be tinted using the resin from the coloring agent. Care shall be taken to ensure that the entire surface is covered, including the imprinted surfaces. The contractor shall use sufficient masking to ensure that the coloring agent and sealer are applied only where specified.

METHOD OF MEASUREMENT

This work will be measured as the total number of square meters of asphalt concrete surface having been imprinted and colored in accordance with the plans, specifications, and directions of the Engineer.

BASIS OF PAYMENT

The unit price bid per square meter shall include the cost of all labor, materials, and equipment necessary to satisfactorily complete the work.