

SECTION 325 ASPHALT CONCRETE - CLASS S

325.1 DESCRIPTION

This work consists of constructing a course of asphalt concrete on a prepared surface.

325.2 MATERIALS

The materials and their use shall conform to Section 320.2 with the following modifications:

The job mix established by the Engineer shall fix a single percentage of asphalt to be added to the aggregate, a single asphalt application temperature, a single temperature at which the mixture is discharged from the mixer, and a single temperature at which the mixture is to be delivered on the road.

The following table sets forth the tolerances for the job mix formula:

Asphalt Content	±0.3%
Temperature of Mixture	
when emptied from mixer	±20EF (±11EC)
Temperature of Mixture	
on delivery to the road	-20EF & +30EF (-11EC & +17EC)
Asphalt Application Temp	±15EF (±8EC)

325.3 CONSTRUCTION REQUIREMENTS

The construction requirements shall be as prescribed in Section 320.3 with the following modifications:

A. Pavers: Pavers need not be equipped with automatically controlled screeds nor will the use of stringlines be required on the first paver pass. However, a shoe attachment to match the longitudinal joint on the final paver pass may be required.

Laydown widths shall correspond with the lane widths as shown on the typical sections.

B. Rollers: Substitute the following for the first two paragraphs of Section 320.3 B.6:

There shall be at least two steel faced tandem smooth steel rollers for each paver in use. The self-propelled tandem smooth steel rollers (two steel drums operating in the same track) shall furnish a minimum rolling weight (mass) of 325 pounds per inch (5.8 kilograms per millimeter) of roller width. Vibratory rollers shall be operated in the static mode unless otherwise ordered by the Engineer. Pneumatic tired rollers are not allowed.

C. Breakdown Rolling: Breakdown rolling, consisting of a minimum of two complete coverages with steel faced rollers, shall proceed on the mat as soon as laydown is

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completed. Operations shall be scheduled so breakdown rolling is completed on a segment within 300 feet (90 meters) of the laydown.

Final or finish rolling shall consist of a minimum of one complete coverage with steel faced roller. Completion of rolling shall not lag behind the laydown by a distance of more than 600 feet (180 meters).

325.4 METHOD OF MEASUREMENT

Measurement as prescribed in Section 320.4.

325.5 BASIS OF PAYMENT

Payment as prescribed in Section 320.5.