

SECTION 323 ASPHALT CONCRETE - CLASS G

323.1 DESCRIPTION

This work consists of constructing one or more courses of asphalt concrete on a prepared surface.

323.2 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 percent of aggregate passing each required sieve size, 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 job mix formula established for the aggregate gradation shall produce a plotted aggregate gradation which parallels the shape of the average gradation for the limits specified.

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

3/8 inch (9.5 mm) & larger	±7%
No. 4 thru No. 40 (4.75 mm thru 425F m)	±5%
No. 200 (75F m)	±2.0%
Asphalt Content	±0.3%
Temp. of Mixture when emptied from mixer	±20EF (±11EC)
Temp. of Mix. on delivery to the road ..	-20EF & +30EF (-11EC & +17EC)
Asphalt Application Temperature	±15EF (±8EC)

323.3 CONSTRUCTION REQUIREMENTS

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

A. Thickness: The compacted thickness of each lift, except the top lift, shall not exceed 3 inches (75 mm).

The compacted thickness of the top lift shall not exceed 2 inches (50 mm).

B. Density: The minimum density requirement shall be 92 percent of SD312.

323.4 METHOD OF MEASUREMENT

Measurement as prescribed in Section 320.4.

323.5 BASIS OF PAYMENT

Payment as prescribed in Section 320.5.