

## SECTION 34

### ASPHALT CONCRETE - CLASS S

#### 34.1 DESCRIPTION

A. General

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

B. Related Work

- Section 31 - Asphalt Concrete - General
- Section 32 - Asphalt Concrete - Class E
- Section 33 - Asphalt Concrete - Class G
- Section 35 - Prime, Tack, and Flush Seal Coats
- Section 37 - Asphalt Surface Treatment
- Section 39 - Cold Mix Asphalt Concrete
- Section 115 - Aggregates for Asphalt Concrete
- Section 116 - Aggregates for Asphalt Surface Treatments
- Section 118 - Asphalt Material

#### 34.2 MATERIALS

The materials and their use shall conform to the requirements of Section 31, Asphalt Concrete – General, with the following modifications:

The job mix 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 to be emptied 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%
Temp. of mixture when emptied from mixer.....	± 20° F.
Temp. of mixture on delivery to the road.....	+ 30° & -20° F.
Asphalt application temperature.....	± 20° F.

#### 34.3 CONSTRUCTION REQUIREMENTS

The construction requirements shall be as prescribed in Section 31, Asphalt Concrete – General, with the following modifications:

- A. Construction will be permitted only between June 1 and September 15, inclusive, and when the air and surface temperature are sixty degrees Fahrenheit (60° F.) in the shade.
- B. Laydown widths shall correspond with the lane widths as shown on the typical sections.
- C. Substitute the following for the first two paragraphs of Section 31.3.B.6 Rollers:

The self-propelled, tandem, smooth-steel rollers (two [2] steel drums operating in the same track) shall furnish a minimum of two hundred seventy-five (275) pounds pressure per lineal inch of rolling width. Pneumatic-tired rollers are not required. Vibrating rollers are not permitted.

- D. Breakdown rolling, consisting of a minimum of two (2) complete coverages with steel-faced rollers, shall proceed on the mat as soon as laydown is completed. Operations shall be so scheduled that breakdown rolling is completed on a segment within three hundred (300) feet of the letdown.

Final or finish rolling shall consist of a minimum of, one (1) complete coverage with steel-faced roller. Completion of rolling shall not lag behind the lay down by a distance of more than six hundred (600) feet.

#### **34.4 METHOD OF MEASUREMENT**

Measurement will be as prescribed in Section 31, Asphalt Concrete – General.

#### **34.5 BASIS OF PAYMENT**

Payment will be as prescribed in Section 31, Asphalt Concrete – General.

**END OF SECTION**