

SECTION 32

ASPHALT CONCRETE - CLASS E

32.1 DESCRIPTION

A. General:

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

B. Related Work:

- Section 31 - Asphalt Concrete, - General
- Section 33 - Asphalt Concrete - Class G
- Section 34 - Asphalt Concrete - Class S
- 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 - Aggregate for Asphalt Surface Treatments
- Section 118 - Asphalt Material

32.2 MATERIALS

The materials and their use shall conform to the requirements of Section 31, ~~2, Asphalt Concrete - General, ASPHALT CONCRETE - GENERAL,~~ with the following modifications:

The job mix shall fix a single percentage 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 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:

3/8 inch	± 7%
No. 4, No. 10, No. 40	± 5%
No. 200	± 2.0%
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 temp.....	± 20° F.

32.3 CONSTRUCTION REQUIREMENTS

The construction requirements shall be as prescribed in Section 31,~~3~~, [Asphalt Concrete – General](#),~~ASPHALT CONCRETE – GENERAL~~, with the following modifications:

- A. The compacted thickness of each lift shall not exceed three (3) inches, unless modified by the Detailed Specifications.

- B. The minimum density requirement for polymer modified asphalt mix (such as PG64-28, PG70-24, and PG70-28) and non-polymer modified asphalt mix (such as PG64-~~242~~, PG58-28, and all older style penetration graded oils shall be ninety two percent (92%) of maximum density (Rice method) for all mainline applications and shall be ninety one percent (91%) of maximum density (Rice method) for all narrow alleyways, walkways, parking lots, and similar work where a majority of the placement work is hand work and is not subject to the specified Roller Coverage method or otherwise modified in the Detailed Specifications.

32.4 METHOD OF MEASUREMENT

Measurement will be as prescribed, in Section 31,~~4~~, [Asphalt Concrete – General](#).~~ASPHALT CONCRETE – GENERAL~~.

32.5 BASIS OF PAYMENT

Payment will be as prescribed, in Section 31,~~5~~, [Asphalt Concrete – General](#).~~ASPHALT CONCRETE – GENERAL~~.

END OF SECTION