

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 35	Prime, Tack, Fog Seal and Flush Seal Coats
Section 37	Asphalt Surface Treatment
Section 38	Recycled Asphalt Pavement (RAP)
Section 39	Cold Mix Asphalt Concrete
Section 41	Utility Trench Resurfacing
Section 115	Aggregates for Asphalt Concrete
Section 116	Aggregates for Asphalt Surface Treatments
Section 118	Asphalt Material
Section 203	Submittals

32.2 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 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, Asphalt Concrete – General, with the following modifications:

- A. The maximum compacted thickness of each lift of Type 1 shall not exceed three (3) inches, and the maximum compacted thickness of each lift of Type 2 shall not exceed two (2) inches, unless modified by the detailed specifications.
- B. The minimum compacted thickness of each lift of Type 1 shall be less than two (2) inches, and the minimum compacted thickness of each lift of Type 2 shall be less than One and a half (1 ½) inches, unless modified by the detailed specifications.
- C. 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 PG64-22, 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, Asphalt Concrete – General.

32.5 BASIS OF PAYMENT

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

END OF SECTION