

402 HOT BITUMINOUS PAVEMENT

402.01 DESCRIPTION

This work shall consist of constructing one or more courses of bituminous pavement in accordance with the requirements of [401](#), these specifications, and shall be in conformity with the lines, grades, thicknesses and cross sections shown in the contract documents and as directed by the Chief Engineer. The asphaltic mixture shall be either Superpave 25.0mm, Superpave 12.5 mm, or Superpave 9.5 mm as designated and composed of a mixture of asphalt cement, coarse aggregates, fine aggregates, and anti strip additive, or hydrated lime, as required by the approved job mix formula.

402.02 MATERIALS

Requirements of [401.03](#) apply except as modified herein.

- (A) **COARSE AGGREGATE** shall conform to [803.04](#).
- (B) **FINE AGGREGATE** shall conform to [803.03](#).
- (C) **STONE SCREENINGS**. No. 10 aggregate as specified in [803.03\(A\)](#) and shall be non-plastic.
- (D) **HYDRATED LIME**. [822.03\(A\)](#)
- (E) **ANTI STRIP ADDITIVE** – [802.08](#)

402.03 CONSTRUCTION REQUIREMENTS

The Construction requirements shall be as prescribed in [401](#) and compacted as follows:

1. Hot Asphaltic Concrete (Superpave 25.0 mm, 19.0 mm base course or Superpave 9.50 mm leveling Course) shall be compacted to not less than 94 percent of the bulk density of a standard specimen compacted as prescribed in AASHTO T 245 or not less than 88 percent of the maximum specific gravity determined in accordance with AASHTO T 209.
2. Hot Asphaltic Concrete (Superpave 12.5 mm and 9.5 Surface Course) shall be compacted to not less than 96 percent of the bulk density of a standard specimen compacted as prescribed in AASHTO T 166 or not less than 91 percent of the maximum specific gravity determined in accordance with AASHTO T 209.
3. Hot Asphaltic Concrete pavement for base shall be placed in layers not to exceed 4 inches compacted thickness unless otherwise approved by the Chief Engineer.
4. Hot Asphaltic Concrete pavement for surface shall be placed in layers not to exceed 2 inches compacted thickness unless otherwise approved by the Chief Engineer.

402.04 MEASURE AND PAYMENT

The unit of measure for Hot Asphaltic Concrete of the class specified will be the ton. The number of tons will be the actual number of tons complete in place as weighed on approved truck scales. The Chief Engineer will deduct the weight of all material lost, wasted, damaged,

rejected or applied in excess of the Chief Engineer's direction or contrary to these specifications.

The number of tons of the class specified will be paid for at the contract unit price per ton, which payment will be full compensation for the work specified complete in place.