

SECTION 100.01

MATERIALS

NOTE: These standard materials are applicable outside of roadway. Contractor shall obtain an Encroachment Permit and adhere to either the City of Redding's or Shasta County's Standards as applicable.

1. ASPHALT CONCRETE (AC)

Asphalt Concrete shall conform to the requirements of the State of California's Department of Transportation Standard Specifications, Type A, ½-inch (13mm) maximum size aggregate, medium grading. Asphalt binder shall be PG 64-10. Asphalt Concrete on arterial streets in lifts in excess of 2-inches may be type A, ¾-inch maximum, medium grading.

2. FOG SEAL

Asphaltic emulsion for fog seal shall be CSS1h. The emulsion shall be diluted with water so that the resulting mixture will contain one-part asphaltic emulsion and not more than one part added water. The application rate (Asphaltic Emulsion and added water) shall be such that the original emulsion will be spread at a rate of 0.10 gallon per square yard.

3. TACK COAT

A paint binder of CSS1h Asphaltic Emulsion shall be applied to all vertical surfaces of existing pavements, curbs, gutters, and construction joints and before placing a layer of asphalt concrete on an existing bituminous pavement. The paint binder shall be applied in one application at a rate of 0.10 gallon per square yard.

4. AGGREGATE BASE (AB)

Aggregate base shall conform to the requirements of the State of California's Department of Transportation Standards Specifications, Class 2, ¾-inch maximum except that the coarse aggregate (material retained on the No. 4 sieve) shall consist of material of which at least 25 percent by weight shall be crushed particles as determined by California Test 205.

5. AGGREGATE SUBBASE (ASB)

Aggregate Subbase shall conform to the requirements of the State of California's Department of Transportation Standards Specifications Aggregate Subbase Class 2.

6. CONCRETE (PCC)

Concrete for curbs, gutters, sidewalks, and minor structures shall be class 520-C-2500 per the Standard Specifications for Public Works Construction (Greenbook). Certified weighmaster certificates shall include batching information per the requirements of Greenbook Section 201-1.4.3, including the mix proportions for on-site review by the project inspector.