

# TECHNICAL SPECIFICATIONS No.12

## AGGREGATE BASE

### DESCRIPTION

- 1201.1 Aggregate base shall consist of mineral aggregate, spread and compacted on a prepared subgrade, in conformity with the lines, grades and dimensions shown on the plans and typical cross-sections, and as herein specified.

### MATERIALS

- 1202.1 The quality and grading of aggregate base shall conform to the requirements of three quarter inch (3/4") maximum Class 2 Aggregate Base, as specified in Section 26, "**Aggregate Bases**," Standard Specifications. No material shall be used until the Engineer has approved it. See Section 6, "**Control of Materials**," General Provisions, regarding samples of materials.

### CONSTRUCTION PROCEDURE

- 1203.1 **Spreading:** Aggregate base shall be spread on the prepared subgrade in a uniform layer without segregation. Where the required thickness is more than six inches (6"), the base material shall be spread and compacted in two courses of approximately equal thickness.
- 1203.2 **Compacting:** Aggregate base shall be watered as directed by the engineer, and compacted by rolling with three-wheel steel-tired rollers weighing not less than twelve tons, or with other compacting equipment which obtains the required compaction. The relative compaction of each layer shall not be less than ninety-five percent (95%).
- 1203.3 The surface of the finished subgrade prior to placement of the aggregate base at any point shall not vary more than 0.05 ft above or below the grade established by the improvement plans.
- 1203.4 The surface of the finished aggregate base prior to the placement of asphalt concrete at any point shall not vary more than 0.04 ft. above or below the grade established by the improvement plans

Base, which does not conform to the specified grades and dimensions, shall be reshaped or reworked, watered, and recompactd to conform to the specified requirements.

### MEASUREMENT AND PAYMENT

- 1204.1 **Measurement:** Quantities of aggregate base will be measured by the cubic yard of material in place and compacted.

Material paid for by the ton shall be determined by weighing on platform scales furnished by and at the expense of the Contractor or on public scales. Deducting from the weight of material delivered to the project site, the weight of water in the material, at the time of weighing, as determined by California Test 226, in excess of one percentage point more than optimum moisture content as determined by California Test 216. The weight of water deducted in conformance with the provisions of Section 26 "**Aggregate Bases**," will not be paid for. A State Weighmaster's Certificate giving the weight of material in each truck shall be given the driver of truck to be handed to the Engineer on arrival at the job.

Quantities of aggregate base to be paid for by the cubic yard will be calculated on the basis of the dimensions shown on the plans adjusted by the amount of any change ordered by the Engineer. No allowance will be made for aggregate base placed outside those dimensions unless otherwise ordered by the Engineer.

- 1204.2 **Payment:** Payment will be made at the contract unit price per ton or cubic yard whichever unit is designated in the contract item, for the class or classes involved in accordance with the provisions of Article 901.1, "**Measurement and Payment**," of the General Provisions.