

## **SECTION 12 - AGGREGATE SUBBASE AND AGGREGATE BASE**

### **12-1 GENERAL**

Aggregate subbase and base materials shall consist of mineral aggregate, spread and compacted on a prepared sub-grade or subbase in accordance with Sections 25 and 26 of the State Standard Specifications. Sub-grade shall be placed in accordance with Section 11 of these General Conditions.

### **12-2 AGGREGATE SUBBASE**

Aggregate subbase shall be Class 2 and shall conform to the provisions in Section 25 of the State Standard Specifications.

### **12-3 AGGREGATE BASE**

Aggregate base shall be Class 2 and shall conform to the provisions in Section 26 of the State Standard Specifications and these Special Provisions.

The grading for 3/4 inch maximum aggregate shall be used.

### **12-4 COMPACTION**

The relative compaction of each layer of compacted aggregate subbase and aggregate base material shall not be less than 95 percent as determined by ASTM 1557.

### **12-5 USE OF RECYCLED MATERIALS**

The use of recycled materials for aggregate base and aggregate subbase shall consist of broken and crushed asphalt concrete or Portland cement concrete and may contain crushed aggregate base or other rock. The material shall be free of other deleterious material as defined in this section. The gradation and quality requirements shall comply with Section 26 for Class 2 Aggregate Base of the State Standard Specifications. Recycled material shall be free of any detrimental quantity of soft, friable, thin, elongated or laminated pieces, disintegrated material, organic matter or other deleterious substance.

### **12-6 TESTING OF MATERIALS**

The Contractor shall provide mix designs, certifications and recent quality testing in accordance with Section(s) 25 and 26 of the State Standard Specifications. Quality testing to be provided for all aggregates and performance testing is to be provided on all mix designs.

The City may perform random testing on stockpiles at the City's expense for verification of Specification compliance.

### **12-7 MEASUREMENT OF MATERIAL & PAYMENT**

When payment is to be calculated upon the weight of material delivered, the Contractor shall be responsible for furnishing the Engineer with a daily record of the weight of all material which is to be paid for by the ton and which has been delivered to the project site. Said record shall be certified for authenticity of Scale Weights by a Public Weighmaster and shall become the basis of payment for the materials itemized therein.

In addition, each delivery truck shall carry to the project site a load slip for the material transported in said truck. The load slip shall be delivered to the Engineer by the driver at the time and site of delivery of the truck-load of material covered by the load slip.

Payment may be made per square foot if provided for in the Special Conditions.