

**SECTION 22 - BASE MATERIAL  
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## **SECTION 22 BASE MATERIAL**

### **22-1 LIME TREATED BASE**

Road-mixed lime treated base must be constructed in accordance with the State Specifications.

Lime must conform to the requirements of the State Specifications.

The percentage of hydrated lime to be added by weight will be specified in the Special Provisions.

Lime treated base must be compacted to a minimum relative compaction of 95 percent under California Test Method 231.

### **22-2 AGGREGATE BASE**

Aggregate base must conform to the State Specifications, and these Specifications.

The Contractor may propose the use of recycled Portland Cement Concrete or asphalt concrete materials for aggregate base. The Contractor must submit to the Agency material samples and laboratory test data certifying that the proposed materials meet all the quality requirements of the State Specifications, and these Specifications. The Contractor may not propose to use recycled asphalt concrete, generated from asphalt concrete removed from within the area of work, for aggregate base unless the recycled material is surplus material from the Work. Recycled materials must not be used in the Work unless approved in writing by the Agency. Data and samples must be submitted at least 30 Calendar Days prior to expected use of the proposed materials in the Work.

The material must be deposited on the roadbed in a manner which provides a uniform section of material within 5 percent tolerance of the predetermined required volume. Deposition must be by methods that prevent segregation of the material. The deposited material must contain sufficient moisture to prevent segregation. Aggregate base material must be immediately spread to its planned grade and cross section. Segregation or excessive drifting or spotting of material is not permitted. Material determined by the Agency to be unsuitably segregated must be removed from the roadbed or completely reworked to provide the desired uniformity.

The Contractor is responsible for maintaining the required moisture content until the next successive layer of material is placed. No additional compensation will be paid for water applied to the aggregate base after the material has been weighed.

Aggregate bases must be compacted to a minimum relative compaction of 95 percent as determined by California Test Method 231.

The surface of the finished aggregate base at any point must not vary more than 0.05-foot above or below the grade established by the Agency.

### **22-3 CEMENT TREATED BASES**

Road-mixed and plant-mixed cement treated bases must be in accordance with the State Specifications.

### **22-4 MEASUREMENT AND PAYMENT**

Lime stabilization will be measured by the square yard in accordance with the State Specifications. The price paid per square yard for lime treated base includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in constructing lime treated base, complete in place, as shown or specified in the

Contract and these Specifications, and as directed by the Agency. Full compensation for removal of rocks and solids greater than 2-1/2 inches in size is included in the price paid per square yard for lime treated base and no additional compensation will be made.

The quantity of aggregate base to be paid for will be measured either by the ton or cubic yard, as designated in the Contract. The quantity to be paid for will be calculated using the dimensions shown on the Plans adjusted by the amount of changes ordered by the Agency. No allowance will be made for any aggregate base placed outside Plan dimensions unless otherwise directed by the Agency.

The price paid per ton or cubic yard for aggregate base includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in furnishing and placing aggregate base, complete in place, including applying water, compacting the material, and finishing the surface, as shown or specified in the Contract and these Specifications, and directed by the Agency.