

**SECTION 22 - BASE MATERIAL
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SECTION 22 BASE MATERIAL

22-1 LIME TREATED BASE

Road-mixed lime treated base shall be constructed in accordance with Section 24, “Lime Stabilization”, of the State Specifications.

Lime to be mixed with the existing material shall conform to the requirements of Section 24-1.02, “Materials”, of the State Specifications.

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

Lime treated base shall be compacted to a minimum relative compaction of ninety-five percent (95%).

22-2 AGGREGATE BASE

Aggregate base shall conform to Section 26, “Aggregate Bases”, of 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 amount of reclaimed material shall not exceed fifty percent (50%) of the total volume of the aggregate used. The Contractor shall submit to the City of Elk Grove material samples and laboratory test data certifying that the proposed materials meet all the quality requirements of Section 26 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. Proposed recycled materials shall not be used in the Work unless approved in writing by the City of Elk Grove. Data and samples shall be submitted at least thirty (30) days prior to expected use of the proposed materials in the Work.

The material shall be deposited on the roadbed in such a manner as to provide a uniform section of material within five percent (5%) tolerance of the predetermined required volume. Deposition shall be by methods that prevent segregation of the material. The deposited material shall contain sufficient moisture to prevent segregation. Aggregate base material shall be immediately spread to its planned grade and cross section. Segregation or excessive drifting or spotting of material will not be permitted. Any material determined by the City of Elk Grove to be unsuitably segregated, shall be removed from the roadbed or completely reworked to provide the desired uniformity of the material.

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 shall be compacted to a minimum relative compaction of ninety-five percent (95%) as determined by California Test Method No. 231.

The surface of the finished aggregate base at any point shall not vary more than 0.03-foot above or below the grade established by the City of Elk Grove.

22-3 CEMENT TREATED BASES

Road-mixed and plant-mixed cement treated bases shall be in accordance with Section 27, “Cement Treated Bases”, of the State Specifications.

22-4 MEASUREMENT AND PAYMENT

Lime stabilization will be measured by the square yard in accordance with Section 24-1.10, “Measurement”, of 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, specified in these Specifications, and directed by the City of Elk Grove. Full compensation for removal of rocks and solids is included in the price paid per square yard for lime treated base and no additional compensation will be allowed.

The quantity of aggregate base to be paid for will be measured per the contract documents. The quantity to be paid for will be calculated using the dimensions shown on the Plans adjusted by the amount of any change ordered by the City of Elk Grove. No allowance will be made for any aggregate base placed outside said dimensions unless otherwise directed by the City of Elk Grove.

The price paid 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, specified in these Specifications, and directed by the City of Elk Grove.