

SECTION 305 - AGGREGATE SUBBASE COURSE

305.01 Description. This work includes furnishing and placing one (1) or more courses of aggregate subbase on a prepared surface according to the contract. *

305.02 Materials. Materials shall conform to the following: *

Aggregate 703.17

Water 712.01

305.03 Construction Requirements.

(A) Placing. The Contractor shall not dump the aggregate subbase material in piles on the prepared subgrade. The Contractor shall place the material in uniform layers not exceeding six (6) inches after compaction. The Contractor shall place the material and spread without segregation to provide a layer of the required width, thickness, and grade after compaction. The Contractor shall remix the segregated material. If the Contractor uses a vibratory roller weighing nine (9) tons or more, the Contractor may increase the lift thickness to seven (7) inches. *

The Engineer will not permit the spreading of fine material over the surface of the compacted subgrade. The Contractor shall incorporate additional material, if required, uniformly throughout the thickness of the compacted material by scarifying and blading. The combined material shall meet quality requirements as specified herein. *

(B) Compacting. After spreading and compacting the aggregate subbase course, the Contractor shall check the finished subbase for conformance with the required grade and cross-section. The finished subbase where not controlled by adjacent structures or features shall not vary more than 0.05 foot above or below the theoretical grade. *

If the Engineer pays the base course on a theoretical cubic yard basis, the Engineer may waive the lower finish surface tolerance. *

Compaction of each layer shall continue until the Contractor achieves a density of not less than ninety-five (95) percent of the maximum density according to Subsection 106.09 - Special Test Methods. *

The Engineer will make field density determination according to Hawaii Test Method HWY-TC 1. The Contractor shall maintain the surface of each layer during the compaction operations so that the Contractor produces a uniform texture and the aggregates firmly keyed. The Contractor shall apply the water uniformly over the subbase material during compaction in the quantity necessary for proper consolidation. *

305.04

305.04 Method of Measurement. When not specified in the proposal, the Engineer will not measure aggregate subbase for payment. *| *|

When specified in the proposal, the Engineer will measure aggregate subbase by the cubic yard or square yard in place according to the dimensions shown in the contract or ordered by the Engineer. The Engineer may measure aggregate base by the ton. *| *| *| *|

The Contractor shall weigh the quantity of aggregate subbase, when measured by the ton, according to Section 109 - Measurement and Payment. The Engineer will deduct moisture, at the time of weighing for payment, over ten (10) percent, based on dry weight of the aggregate, from the weighed tonnage. *| *| *| *|

305.05 Basis of Payment. When not specified in the proposal, the Engineer will consider aggregate subbase incidental to the various items in the contract. The Engineer will not make payment separately. *| *| *|

When specified in the proposal, the Engineer will pay for the accepted quantities of aggregate subbase of the size and type specified at the contract unit price per ton, per cubic yard or per square yard. The unit price paid shall be full compensation for preparing the surface, compacting, watering, fine material, and furnishing labor, material, tools, equipment, and incidentals necessary to complete the work. *| *| *| *| *| *|

The Engineer will make payment under: *|

Pay Item	Pay Unit
Aggregate Subbase	Ton
Aggregate Subbase	Cubic Yard
Aggregate Subbase	Square Yard

SECTION 306 - (Unassigned)

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