

## SECTION 02208 - AGGREGATE BASE COURSE

### PART 1 – GENERAL

#### 1.1 RELATED DOCUMENTS

- A. The General Provision of the contract, including the General Provisions for Construction Projects (2016), Special Provisions, and General Requirements of the Specifications, apply to the work specified in this section.
- B. 2005 Hawaii Department of Transportation Highways Standard Specifications for Road and Bridge Construction (“HDOT”) are incorporated into the requirements of the Work as described herein.

#### 1.2 SUMMARY OF WORK

This Section includes the requirements for furnishing and installing a Base Course composed of aggregates constructed on a prepared subgrade.

#### 1.3 REFERENCES

- A. 2005 Hawaii Department of Transportation Highways Standard Specifications for Road and Bridge Construction (“HDOT”).
- B. Section 02152, Excavation, Subgrade, and Embankment

#### 1.4 SUBMITTALS

Prior to commencing the Work in this Section, the Contractor shall submit the following information as according to Section 01300, Submittals.

- A. Certified test reports for aggregates.
- B. Samples of aggregates.
- C. Quality control plan and testing procedures

### PART 2 – PRODUCTS

#### 2.1 GENERAL

Unless otherwise noted, Aggregate Base shall be 1-1/2” maximum nominal gradation per HDOT Standard Specifications, Section 703.06 for Aggregate for Untreated Base.

## PART 3 – EXECUTION

### 3.1 PREPARING UNDERLYING COURSE

Any ruts or soft yielding places caused by improper drainage conditions, hauling, or any other cause shall be corrected at the Contractor's expense before the base course is placed thereon. Material shall not be placed on frozen subgrade.

### 3.2 PLACING AND COMPACTION

- A. Unless otherwise noted, the Aggregate base shall be placed in accordance with the provisions of HDOT Standard Specifications, Section 304.03. Spreading and compacting shall be performed by methods that will produce a uniform base, firmly compacted and free from pockets of coarse or fine material. No spreading operation shall begin until the physical characteristics of aggregate base have been approved by the Engineer.
- B. The previously constructed layer should be cleaned of loose and foreign material prior to placing the next layer. The surface of the compacted material shall be kept moist until covered with the next layer.
- C. Immediately upon completion of the spreading operations, the aggregate shall be thoroughly compacted. The number, type, and weight of rollers shall be sufficient to compact the material to the required density.
- D. The moisture content of the material during placing operations shall not be below, nor more than 1-1/2 percentage points above, the optimum moisture content as determined by ASTM D 1557.

### 3.3 MAINTENANCE

The base course shall be maintained in a condition that will meet all requirements of the Specifications until the work of this Section is accepted. Equipment used in the construction of an adjoining section may be routed over completed portions of the base course, provided no damage results and provided that the equipment is routed over the

## PART 4 MEASUREMENT AND PAYMENT

### 4.01 METHOD OF MEASUREMENT

- A. All work under this section will not be measured for payment.

### 4.02 BASIS OF PAYMENT

- A. Items covered by this section will be paid by lump sum. The contract price paid shall be for full compensation for furnishing and placing all materials and all labor, equipment, tools, and incidentals necessary for each of the construction phases.

Payment will be made under:

<u>Item No.</u>	<u>Description</u>	<u>Unit</u>
02208.1A	Aggregate Base Course (Phases 0 through 3)	Lump Sum

END OF SECTION 02208