

## SECTION 02785 - STONE DUST TRAIL

The work under this item shall conform to the relevant provisions of the Standard Specifications and the following:

### DESCRIPTION

The work shall include the furnishing and placing of stone dust for use as pedestrian trails as shown on the Drawings and as directed by the Manufacturer and the Engineer.

### SUBMITTALS

Prior to construction, Contractor shall submit a sieve analysis of the stone dust material and a sample of the material for approval by Engineer.

### MATERIALS

Stone dust shall be uniform and well-graded, and meet or exceed the following gradation:

100%	passing 3/8" sieve
83-99%	passing #4 sieve
58-95%	passing #8 sieve
38-75%	passing #16 sieve
20-52%	passing #30 sieve
10-28%	passing #50 sieve
2-15%	passing #100 sieve
0-8%	passing #200 sieve

Color shall be dark gray.

### CONSTRUCTION METHODS

Prior to construction, the Contractor shall submit a sieve analysis of the stone dust material and a sample of the stone dust material for approval by Engineer.

A representative of the stone dust manufacturer shall be available to the project to observe conditions and procedures. Cost of this representative shall be incidental to the cost of this item.

The Contractor shall apprise himself as to the constraints of weather, especially temperature and precipitation constraints, when placing stone dust material.

Place and compact the stone dust material as follows:

Place, grade, and compact at the lines and grades as shown on the Drawings and as directed by the Manufacturer and the Engineer. Only the amount of material that can be placed, shaped, and compacted during the work shift shall be placed.

**COMPACTION.** The trail material shall be rolled after shaping with an approved roller until thoroughly compacted. The Contractor shall wet the material as necessary to obtain proper compaction. Should irregularities in the shoulder material develop during or after rolling, they shall be corrected. After each layer of surface or shoulder material is placed, it shall be thoroughly compacted to a uniform density of not less than 95 percent of the maximum dry density determined by AASHTO T 99, Method C. Suitable and effective equipment, meeting the approval of the Engineer, shall be used to obtain a true and even surface during compaction. All holes or depressions found during the compacting shall be filled with additional material, reworked, and compacted as shown on the Plans. If required, water shall be uniformly applied over the trail material during compaction in an amount necessary to produce proper consolidation.

It shall be the Contractor's responsibility to maintain and restore any eroded areas to the required line, grade, and cross slope and to keep the areas in acceptable condition until the construction work is considered complete by the Engineer.

**INSPECTION.** Final thickness of completed trails shall not vary by more than 0.5 inches from dimension indicated. Measurements may be taken by means of test holes taken at random in finished trail surface. Correct any variations in the thickness beyond the allowable 0.5 inch tolerance by repeating the procedures listed under above.

**METHOD OF MEASUREMENT.** The quantity of Stone Dust Trails, In Place to be measured for payment will be the number of cubic yards used in the complete and accepted work, as determined by the plan dimensions of the compacted material or as ordered by the Engineer. No allowance will be made for material placed to a depth greater than that shown on the Plans unless ordered by the Engineer. Truck measurement will be converted to in-place measurement by dividing by 1.15.

**BASIS OF PAYMENT.** The accepted quantity of Stone Dust Trail item will be paid for at the Contract unit price per cubic yard or ton. Payment will be full compensation for performing the work specified and for furnishing all materials, labor, tools, equipment, and incidentals necessary to complete the work. Water used for obtaining the required compaction will not be paid for separately but will be considered incidental to the Stone Dust Trail item.