

32 15 01 DECOMPOSED GRANITE

**1.00** GENERAL

1.01 SCOPE OF WORK

A. Work included in this section.

1. Decomposed granite or crushed 3/8" minus aggregate paving with Stabilizer binder additive.

1.02 SYSTEM DESCRIPTION

A. Decomposed granite or crushed 3/8" minus aggregate paving with Stabilizer binder additive.

1.03 SUBMITTALS

A. Products; 5 (five) lb. sample of each color and sieve analysis for grading of decomposed granite or crushed 3/8" minus aggregate.

1.04 TESTS

A. Perform gradation of decomposed granite material or 3/8" minus crushed aggregate in accordance with ASTM C 136 — Method for Sieve Analysis for Fine and Course.

1.05 ENVIRONMENTAL CONDITIONS

A. Do not install decomposed granite or crushed 3/8" minus aggregate paving during rainy conditions.

1.06 EXCESS MATERIALS

A. Provide owner's authorized rep. with the following excess materials for use in future decomposed granite or 3/8" crushed aggregate paving repair:

1. 40 — 50 lb. bags of the aggregate paving.
2. 1 — 40 lb. bag of the Stabilizer additive.

**2.00** PRODUCTS

2.01 DECOMPOSED GRANITE OR 3/8" CRUSHED AGGREGATE SCREENINGS

A. Crushed Stone Sieve Analysis Percentage of Weight Passing a Square Mesh Sieve AASHTO T11-82 and T27-82.

3/8" MINUS AGGREGATE GRADATION	
Sieve Size	% Passing
3/8 inch	100
No. 4	95-100
No. 8	75-80
No. 16	55-65
No. 30	40-50

3/8" MINUS AGGREGATE GRADATION	
Sieve Size	% Passing
No. 50	25-35
No. 100	20-25
No. 200	5-15

Note: Gradation based upon AASHTO T11-82 and T27-82

- B. Decomposed granite or 3/8" crushed aggregate screenings are to be the following color (color must be uniform):
  - 1. Desert Gold
  - 2. Submit sample for approval by Owner.
- C. Products from Minick Materials, Kafka Granite, LLC, Living Earth, Silver Creek Materials, or equivalent approved by Engineer.

**2.02 STABILIZER BINDER**

- A. Patented, non-toxic, organic binder that is a colorless and odorless concentrated powder that binds decomposed granite or crushed 3/8" minus aggregate together to produce a firm surface.
- B. Product from stabilizer solutions, Inc., Living Earth, TechniSoil, or equivalent approved by Engineer.

**3.00 EXECUTION**

**3.01 BLENDING STABILIZER**

- A. Blend 12-16 lbs. of Stabilizer per ton of decomposed granite or crushed 3/8" minus aggregate screenings. It is critical that Stabilizer be thoroughly and uniformly mixed throughout decomposed granite or crushed 3/8" minus aggregate screenings.

**3.02 PLACEMENT OF DECOMPOSED GRANITE SCREENINGS OR CRUSHED 3/8" MINUS AGGREGATE SCREENINGS**

- A. Upon thorough moisture penetration, compact aggregate screenings to 95% relative compaction by compaction equipment such as double drum roller (2-4 ton) or single drum roller (1000 lbs.) vibratory plate tamp. Do not begin compaction for 6 hours after placement and up to 48 hours.
- B. Take care in compacting decomposed granite or crushed 3/8" minus aggregate screenings when adjacent to existing trees, new planting and irrigation systems.

END OF SECTION