

SECTION 02235

CRUSHED STONE AND DENSE GRADED AGGREGATE (DGA)

PART 1 GENERAL

1.01 SCOPE OF WORK

- A. Various sizes, types and quality of crushed stone aggregates are specified in this Section depending on applicability which may be specified in detail in other sections of these Specifications.
- B. The Utilities Board may require the use of crushed stone aggregates for purposes other than those specified in this or other Specification sections if such use is advisable.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Crushed stone aggregate shall meet the applicable requirements for the intended use in accordance with Section 805 of the Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Compacted Crushed Stone Aggregate
 - 1. Crushed stone shall be placed in uniform layers not greater than 6 inches deep and shaped by power equipment to required lines, grades, cross connections, and depths. No minimum compacted density, method of compaction, or compaction equipment is required since a nominal amount of compaction effort with vibration can establish the desired intergranular locking of the aggregate under controlled placement depth. Acceptable compaction can be achieved with pneumatic-tired and tracked equipment and rollers.
 - 2. All compaction operations shall be performed to the satisfaction of the Utilities Board
 - 3. Crushed stone shall be placed in those areas as directed by the Utilities Board.
- B. Compacted Dense Graded Aggregate (DGA)
 - 1. Dense graded aggregate shall be plant mixed with water, transported in such a manner as to deliver the mix to the project without loss or segregation, spread, and compacted to produce a density throughout not less than 84 percent of solid volume. Minimum dry density for compacted limestone DGA shall be 139 pounds per cubic foot when S.G. of limestone is 2.65. Construction requirements shall be in accordance with Section 303 of Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction.
 - 2. Density tests shall be required in such number as determined by the Utilities Board.

3. Compacted material which does not meet density requirements shall be removed. The Utilities Board shall determine if removed material can be remixed and used again for fill.

END OF SECTION
