

01/09/03

Supersedes Spec. Prov. dated 4/27/1999

**BEDFORD
13527**

January 27, 2011

SPECIAL PROVISION

AMENDMENT TO SECTION 315 -- CRUSHED STONE

Item 315.5 - Crushed Stone (Energy Absorbing Material)

Description

1.1 This work shall consist of furnishing and placing crushed stone at locations shown on the plans or ordered, to serve as a cushion at the foot of high rock cut slopes.

Materials

2.1 Crushed stone shall be of uniform quality, crushed to size as necessary, and shall be composed of sound, tough, durable pebbles or fragments of rock, with or without sand or other inert finely divided mineral aggregate. The percentage of wear shall not exceed 50.

2.1.1 Required grading as shown below shall conform to the requirements for Standard Stone Size #67 as set forth in Section 703 - Aggregates, Table I - Required Grading, Graded Coarse Aggregates. At least 50 percent of the material not passing the #4 (4.75 mm) sieve shall have a fractured face. The crushed stone shall be free from excess flat, elongated, soft or disintegrated pieces.

Sieve Size	Percentage by Weight Passing
1 in (25.0 mm)	100
3/4 in (19.0 mm)	90-100
3/8 in (9.5 mm)	20-55
#4 (4.75 mm)	0 - 10
#8 (2.36 mm)	0 - 5

Construction Requirements

3.1 All the ditch and drainage work shall be completed in the area before absorbing material is placed.

3.2 The Design-Builder shall place the crushed stone on the prepared slopes as shown on the plans or ordered.

3.3 The crushed stone shall be placed in a loose state to the line and grades shown on the plans or as ordered. The material shall not be compacted. The material shall be placed at minimum thickness of 2 feet. Care shall be taken that none of the Design-Builder's vehicles are driven over the material. Any places compacted shall, when ordered, be loosened by the use of hand equipment.

3.4 After completion of the work under this item, care shall be taken not to allow any foreign material to become mixed with or to cover the crushed stone.