

PART 1 - GENERAL

1.1 DESCRIPTION

- .1 This section specifies requirements for supplying and placing rip-rap for erosion protection at locations and to dimensions indicated on drawings or designated by Departmental Representative.

1.2 RELATED SECTIONS

- .1 Section 31 23 25 - Rock and Gravel Fill.

1.3 MEASUREMENT FOR PAYMENT

- .1 Rip-Rap 300 mm (min.): Supply and placement of rip-rap 300 mm (min.), including the cost of all plant, labour, equipment, and materials required to complete the work as specified, will be measured by the cubic meter (CMPM). The volume of material will be determined in place from measurements taken prior to and at completion of the work.
- .2 Rip-Rap 600 mm - 800 mm: Supply and placement of rip-rap 600 mm - 800 mm, including the cost of all plant, labour, equipment, and materials required to complete the work as specified, will be measured by the cubic meter (CMPM). The volume of material will be determined in place from measurements taken prior to and at completion of the work.

PART 2 - PRODUCTS

2.1 RIP-RAP 300 mm (min.)

- .1 Hard, dense with relative density (specific gravity) not less than 2.65, durable quarry stone, free from seams, cracks or other structural defects.
- .2 Stones to be used as rip-rap 300 mm (min.) will measure not less than 300 mm in diameter (approximately +/- 50 kg).
- .3 Field stones of appropriate sizes are acceptable.

2.2 RIP-RAP 600 mm - 800 mm

- .1 Hard, dense with relative density (specific gravity) not less than 2.65, durable quarry stone, free from seams, cracks or other structural defects.

PART 2 – PRODUCTS
(CONT'D)

2.2 RIP-RAP 600 mm - 800 mm
(CONT'D)

- .2 Stones to be used as rip-rap 600 mm - 800 mm will measure not less than 600 mm in diameter, and not more than 800 mm (approximately 400 kg – 1000 kg).

PART 3 - EXECUTION

3.1 PLACING

- .1 Place rip-rap as directed to thickness and details indicated on drawings or as designated by Departmental Representative.