

## SECTION 68

### BANK AND CHANNEL PROTECTION ROCK FILLED WIRE BASKETS

#### 68.1 DESCRIPTION

##### A. General

This work consists of the furnishing and construction of rock-filled wire baskets.

##### B. Related Work

Section 65	Riprap
Section 66	Slope Protection
Section 69	Bank Protection Gabions
Section 109	Riprap and Slope Materials

#### 68.2 MATERIALS

##### A. Stone

The stone shall be durable field or quarry stone, free of seams, cracks or other defects. Slabbed or elongated stone pieces will not be acceptable. Stones of questionable quality will be sampled and tested for durability in accordance with AASHTO T 96 and must have a L.A. Abrasion wear of not more than forty (40) percent to be acceptable.

##### B. Baskets

Wire shall meet the requirements of ASTM A 116, Class I. Cross wires shall be fourteen (14) gage wire. Horizontal cables shall be of two (2) strand construction consisting of twelve and one-half (12 1/2) gage wires. Other ties shall be nine (9) gage wire or other satisfactory material.

#### 68.3 CONSTRUCTION REQUIREMENTS

The wire baskets shall be constructed and placed in accordance with the plans.

#### 68.4 METHOD OF MEASUREMENT

Bank and Channel Protection Baskets will be measured by count of wire baskets furnished and accepted, inclusive of rock.

**68.5 BASIS OF PAYMENT**

Bank and Channel Protection Baskets will be paid for at the contract unit price per each. Payment for this item will be full compensation for materials, equipment, labor and incidentals necessary to construct the bank and channel protection.

When bank protection with rock and wire baskets is specified, the Contractor may substitute bank protection gabions meeting the requirements of Section 69 and be of the same thickness specified for rock and wire baskets. If substitution is made:

- A. Areas designated for bank protection will be adjusted slightly to accommodate dimensional inconsistencies between gabions and rock and wire baskets.
- B. Gabions will be measured and paid for on a volume equivalent basis of one and thirty hundredths (1.30) cubic yards/each (required volume of 4 ft 10 in x 4 ft 10 in x 1 ft 6 in rock and wire basket).

**END OF SECTION**