

for backup jetties. Excavation and backfill necessary to place deadmen shall be included in the unit price bid for each *deadman*.

Unless otherwise shown on the plans, excavation necessary to place steel jacks on the slopes shown on the plans shall be included in the unit price bid for each steel jack and meter of steel cable.

603.06. BASIS OF PAYMENT.

The accepted quantities of steel jetty bank protection, measured as provided above, will be paid for at the contract unit price as follows:

- (A) STEEL JACK EACH
- (B) STEEL CABLE LINEAR FOOT (METER)
- (C) DEADMAN EACH

Such price shall include all cost of materials, labor and equipment necessary for installation of the steel jetty bank protection in place.

**SECTION 605
DAMPPROOFING**

605.01. DESCRIPTION.

Dampproofing shall consist of furnishing materials and placing a prime coat of asphalt and two coats of hot asphalt as shown on the Plans or established by the Engineer.

605.02. MATERIALS.

Materials shall meet the requirements specified in the following Subsections of Section 700 - Materials:

Priming Coat	716.01
Asphalt Coats	716.03

605.04. CONSTRUCTION METHODS.

- (a) **Preparation of Surface.** On surfaces to be dampproofed, dress off all projections and point up all holes with mortar. Remove the outside film of cement by brushing with wire brushes and washing with clean water. Before applying the prime coat, thoroughly clean the surface of dust and loose materials, and make certain the surface is completely dry

NOTE: Priming coat shall not be applied in wet weather nor when the temperature is below 35°F (2°C) without special authorization from the Engineer.

- (b) **Priming Surface.** Immediately after the surface is prepared and in proper condition, apply a prime coat to all concrete surfaces requiring dampproofing, as directed above. Completely cover the surface to be dampproofed with a uniform continuous film of the priming coat applied at the rate of 1.25 gallon per 100 square feet (0.5 liters per square meters).

- (c) **Dampproofing.** After the surface has been primed, cover the entire surface shall with two coats of hot asphalt as specified above.

NOTE: Asphalt shall not be heated above a temperature of 350°F (177°C) and shall be stirred frequently while being heated. Kettles shall be equipped with armored thermometers.

Mop each coat completely and cover it with a continuous heavy film applied at the rate of 25 pounds per 100 square feet (1.2 kilograms per square meter). Where any breaks or thin spots show in the dampproofed surface after drying, retouch them to secure an even, impervious coating.

After the first coat is thoroughly set—and not less than one hour after its application—apply a second coat.

605.05. METHOD OF MEASUREMENT.

Dampproofing will be measured by area in square yards (square meters) within the lines shown on the Plans or where specified.

605.06. BASIS OF PAYMENT.

Accepted dampproofing, measured as provided above, will be paid for at the contract unit price as follows:

DAMPPROOFING SQUARE YARD (SQUARE METER)

Such payment shall be full compensation for furnishing all materials, equipment, labor, and incidentals to complete the work as specified.

**SECTION 606
WATERPROOFING**

606.01. DESCRIPTION.

This work shall consist of furnishing materials and placing membrane waterproofing in reasonably close conformity with the dimension as shown on the Plans or established by the Engineer.

The membrane shall be of the type shown on the Plans or as specified and shall be one of the following:

Type A. Two layers of bitumen-treated cotton fabric and four moppings of hot asphalt or coal-tar pitch.

Type B. Three layers of bitumen-treated cotton fabric and four moppings of hot asphalt or coal-tar pitch.

Type C. Two layers of bitumen-treated felt, one middle layer of bitumen-treated cotton fabric, and four moppings of hot asphalt or coal-tar pitch.

Type D. Four layers of bitumen-treated felt, one middle layer of bitumen-treated cotton fabric, and six moppings of hot asphalt or coal-tar pitch.