

contractor will be paid for each additional placement as “remove and reset temporary bale barrier.” This will involve using the existing barrier if possible.

Bale barriers may be removed or left in place at the discretion of the Engineer. All bale barriers replaced, due to natural causes and not the fault of the contractor, will be measured for payment at the direction of the Engineer.

222.05. METHOD OF MEASUREMENT.

Measure *temporary bale barriers* in place—along the length of the bale—by the linear foot (meter). Include the areas of the spillways, but the spillway material will not be measured as a separate item for payment.

222.06. BASIS OF PAYMENT.

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

- (A) TEMPORARY BALE BARRIER LINEAR FOOT (METER)
- (B) REMOVED AND RESET TEMPORARY BALE BARRIER LINEAR FOOT (METER)

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

**SECTION 223
TEMPORARY SILT FENCE**

223.01. DESCRIPTION.

This work shall consist of the furnishing, installation, maintenance, and removal of geotextile barrier fence designed to remove suspended soil particles from water passing through the fence. It shall be installed as soon as practical around the toe of fill slopes to prevent siltation off right-of-way. The locations for temporary silt fence shown on the Plans are approximate and may be changed by the Engineer.

223.02. MATERIALS.

For a temporary silt fence, use a woven, polypropylene, polyester, or polyamide material that is resistant to ultraviolet degradation, mildew, and rot. Seal or selvege the edges of woven fabrics shall be sealed to prevent raveling. Use fabric at least 3 feet (0.9 m) wide.

NOTE: The material shall meet the requirements specified in subsection 712.06

223.04. CONSTRUCTION METHODS.

Install a temporary silt fence as shown on the plans and/or as directed by the Engineer. Construct it adequately to handle the stress from hydraulic and sediment loading. Six inches (150mm) of the fabric width shall be buried in a trench to prevent undercutting. Backfill the trench and the soil compacted over the geotextile. Splice fabric ends together with hog rings, locking plastic ties, or other approved methods.

Use posts of wood, steel, or synthetic material with a minimum length of 4 feet (1.1 m), and of sufficient strength to resist damage during installation and to support applied loads. Space posts no more than 5 feet (1.5 m) apart, and embed them into the ground at least 1 foot (300 mm). Securely fasten the geotextile to the posts in a manner that will withstand pressure during storm events.

Maintain the integrity of silt fences as long as they are necessary to contain sediment runoff, inspecting all temporary silt fences immediately after each rainfall and at least daily during prolonged rainfall. Correct any deficiencies immediately. In addition, make a daily review of the location of temporary silt fences in areas where construction activities have changed the natural contour and drainage runoff, to ensure that they are properly located for effectiveness.

When the accumulated silt reaches a depth of 6 inches (150 mm), remove the sediment and deposit it at approved sites in a manner that will not contribute to additional siltation. Removal of silt when specified by the Engineer shall be measured and paid for in accordance with Section 226. The fences shall remain in place until the Engineer approves removal. After removal of the fences, grade and dress the effected area to the satisfaction of the Engineer.

223.05. METHOD OF MEASUREMENT.

Measure *temporary silt fence* by the linear foot (meter) in place as directed by the Engineer.

223.06. BASIS OF PAYMENT.

Accepted fence, measured as provided above, will be paid for at the contract unit price bid for the following:

TEMPORARY SILT FENCE LINEAR FOOT (METER)

Such payment shall be full compensation for furnishing all materials, labor, equipment, and incidentals for installation, maintenance, and removal of silt fence along with the dressing of disturbed areas.

SECTION 224 TEMPORARY SEDIMENT CONTROL FILTERS

224.01. DESCRIPTION.

This work shall consist of the construction, maintenance, and removal of temporary sediment filters. Sediment filters shall be constructed to trap silt and debris prior to its entry into any drainage inlet or other similar structure which empties into a waterway or its subsidiary.

224.02. MATERIALS.

The bales of straw and stakes shall conform to the requirements of Section 222. Materials for type II sediment filter may be any type of nonerodible material available, such as loose rock, broken concrete, or other salvageable materials.