

**SECTION 02840****JUTE MATTING OVER SOD****02840.01 GENERAL****A. Description**

Jute matting over sod shall include, but not necessarily be limited to, furnishing, hauling, and placing solid sod and jute matting on prepared areas in accordance with the Contract Documents. The jute matting shall be placed over the sod and fastened to the sod and the soil beneath with wire staples.

**B. Related Work Included Elsewhere**

Solid sodding; Section 02830.

**C. Quality Assurance**

The Engineer will inspect all materials prior to and/or after installation to ensure compliance with the Contract Documents.

**D. Submittals**

None.

**02840.02 MATERIALS****A. Materials Furnished by the County**

The County will not furnish any materials for jute matting over sod.

**B. Contractor's Options**

Not applicable.

**C. Detailed Material Requirements**

1. Solid sod shall be as specified in Section 02830.02.
2. Jute matting shall be a bio-degradable and uniform open plain weave of undyed and unbleached single jute yarn averaging 130 pounds per spindle of 14,400 yards. Rolls of matting shall also meet the following requirements: width -  $48 \pm 1$  inch; 78 warp ends per width of matting; 41 weft ends per linear yard of matting; weight of any one shipment shall not average less than 1.20 pounds per yard.
3. Water shall be as specified in Section 02820.02.
4. Staples shall be as specified in Section 02860.02.

**02840.03 EXECUTION**

The methods of construction for placing sod shall be in accordance with Section 02830.03, Article A, omitting the last paragraph.

Jute matting shall be placed immediately after sodding operations have been completed in the work locations. Matting shall be rolled on in the direction of the flow of water. Where more than one width of matting is required, the strips shall overlap at least 4 inches. Ends shall overlap at least 6 inches. The upgrade end of matting shall be turned down and buried to a depth of not less than 6 inches with the soil firmly tamped against it. Overlapping shall be done with the upgrade section on top.

Matting shall be laid loosely upon the sod surface, and stretching shall be avoided. Matting shall be securely fastened with staples driven vertically into the soil and flush with the surface. Matting is to be in firm contact with the sod in its entirety. Staples shall be placed 2 feet apart along the edges and center of the matting. When more than one width of matting is required, the rows of staples other than the edges and center shall be spaced 3 feet apart in the row; and the rows shall not be more than 2 feet apart. Staples shall be placed alternately to adjacent rows. On all overlapping ends of the matting, staples shall be placed 6 inches apart.

If any staples become loosened or raised, or if any matting or sod comes loose, torn or undermined, satisfactory repairs shall be made immediately without additional compensation.

**02840.04 METHOD OF MEASUREMENT**

Measurement for jute matting over sod will be made of the surface area measured in place and acceptably installed.

**02840.05 BASIS OF PAYMENT**

Payment for jute matting over sod will be made per square yard. The price bid shall include all labor, tools, equipment, materials, stapling and incidentals necessary to complete the work in accordance with the Contract Documents and accepted by the Engineer.

END OF SECTION