



## SECTION 803

### SODDING

**803.1 Description.** This work shall consist of preparing the areas for sodding and placing approved live sod. The entire area specified for sodding shall be covered with sod.

**803.2 Material.** The sod shall be Kentucky Bluegrass, densely rooted and thrifty. The sod shall contain a growth of not more than 25 percent of other grasses and clovers, be free from all prohibited and noxious weeds and be reasonably free of all weeds. The sod shall be cut in strips of uniform thickness with each strip containing at least 1/3 square yard (0.2 m<sup>2</sup>). Sod shall be cut into strips not less than 12 inches (300 mm) wide. At the time of sod lifting, length of the top growth shall not exceed 3 inches (75 mm). The thickness of the sod shall be determined by stacking ten pieces alternately with the soil of the first piece on the bottom. The height of the stack, without compression, shall exceed 11 inches (280 mm) and the thickness of the soil portion of each piece shall be not less than 3/4 inch (20 mm). All sod shall conform to the laws of Missouri and shall be obtained from sources meeting the approval of the Department of Agriculture, Plant Industries Division.

#### **803.3 Construction Requirements.**

**803.3.1** Sod shall not be placed during a drought nor during the period from June 1 to September 1, unless otherwise authorized by the engineer, and shall not be placed on frozen ground. No dry or frozen sod shall be used.

**803.3.2** The sod bed shall be prepared, limed and fertilized in accordance with [Sec 801](#). The bed shall be in a firm but uncompacted condition with a relatively fine texture at the time of sodding. Sod shall be moist and shall be placed on a moist earth bed. Sod strips shall be laid along contour lines and adjusted as necessary, beginning at the base of the area to be sodded and working upward. The transverse joints of sod strips shall be broken and the sod carefully laid to produce tight joints. The sod shall be firmed, watered and refirmed immediately after it is placed. The firming shall be accomplished by use of a lawn roller or tamper. Sod shall be pegged on 3:1 (1:3) slopes or steeper, and in ditches and on ditch slopes for the full depth of the ditch, to a maximum of 4 vertical feet (1.2 m), with wood pegs approximately 1/2 inch x 12 inches (15 x 300 mm) driven into ground, leaving about 1/2 inch (15 mm) of the peg above the sod, and spaced not more than 2 feet (600 mm) apart. Pegging of sod shall be done immediately after the sod has been firmed. When sodding is completed, the sodded areas shall be cleared of loose sod, excess soil or other foreign material, and a thin application of topsoil shall be scattered over the sod as a top dressing and the areas thoroughly moistened.

**803.3.3** The contractor shall keep all sodded areas thoroughly moist for 21 days after laying. The sod shall be living at the time of acceptance of the area.

**803.4 Method of Measurement.** Measurement will be made to the nearest square yard (square meter) of approved sodded surface area.

**803.5 Basis of Payment.** The accepted quantities of sodding will be paid for at the contract unit price. No direct payment will be made for liming or fertilizing sodded areas.