

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-229-1

CODE: (SP)

DATE: 05/28/2013

SUBJECT: Erosion Mats

Section 907-229, Erosion Mats, is hereby added to and made part of the 2004 Edition of the Standard Specifications for Road and Bridge Construction as follows.

SECTION 907-229 -- EROSION MATS

907-229.01--Description. This work consists of furnishing and installing erosion mats to protect slopes, ditches, etc. from scour and erosion. The mats shall be installed at locations shown on the plans in reasonably close conformity with the lines, grades and dimensions shown on the plans or as directed by the Engineer.

907-229.02--Materials. Erosion mats shall be UV stabilized mat constructed of plastics, composites, polymers, rubber, precast concrete, or cast-in-place concrete. Erosion mats will be used as an erosion preventer for ditches, slopes, and other locations shown on the plans. Erosion mats shall be one of the following, or an approved equal.

Flexamat
Motz Enterprises, Inc.
11006 Reading Road, Suite 301
Cincinnati, OH 45241
Phone: 513-772-6689
www.flexamat.com

Enviromat (EL and EB) Linings
Synthetex
4151 Ashford Dunwoody Road
Suite 510
Atlanta, Georgia 30319
Phone: 800-225-0023
www.hydrotex.com

The mat shall be visually inspected and approved by the Engineer prior to use. Once approved by the Engineer, the mat may be incorporated into the work.

907-229.03--Construction Requirements. Erosion mats shall be installed in accordance with the plans and manufacturer's guidelines including any underlayment. The anchor system shall be sufficient to anchor the mat to the ground surface.

The installation area shall be graded to a level, smooth surface to avoid water concentration and to

create an appropriate base for the erosion mat. Seed and fertilizer shall be placed on the prepared surface prior to the installation of the erosion mat.

907-229.04--Measurement. Erosion Mat will be measured by the square yard.

If required, seed and fertilizer will be measured and paid under their appropriate pay items.

907-229.05--Basis of Payment. Erosion Mat, measured as prescribed above, will be paid for at the contract unit price per square yard, which price shall be full compensation for all labor, materials, tools, equipment, underlayment, anchor system, concrete, and all incidentals necessary to complete the work.

Payment will be made under:

907-229-A: Erosion Mat - per square yard