

LC200505 EROSION CONTROL MAT (LCDOT) For use on LCDOT let projects only - do not include in IDOT let projects. Delete this note from the Contract Specifications.

Effective: January 1, 2008

Revised: May 19, 2014

Description: This work shall consist of furnishing, placing and removing erosion control mat in ditch bottoms along with a flocculation powder application as a temporary erosion control measure before final stabilization with erosion control blanket and seeding.

Materials: The erosion control mat shall be limited to jute fabric according to the following:

The erosion control mat shall be a woven fabric of a uniform open weave of single jute yarn. The jute yarn shall be of loosely twisted construction with an average twist of not less than 1½ turns per 1". The average size of the warp and weft yarns shall be approximately the same. The woven fabric shall be supplied in rolled strips with a certificate of compliance certifying that the jute fabric erosion mat conforms to the following:

- *That the erosion control mat is a minimum 48" wide with a tolerance of minus 1".*
- *That the erosion control mat has 78 warp ends, +/- 1 for each 48" of width.*
- *That the erosion control mat has 45 weft yarns, +/- 2, per linear yard of length.*
- *That the erosion control mat weighs 92 pounds per 100 square yards +/- 10 percent, measured under average atmospheric conditions.*
- *That the erosion control mat is non-toxic to vegetation.*

General: The work shall be performed according to Article 251.04 of the "Standard Specifications" and the manufacturer's recommendations.

Method of Measurement: This work will be measured for payment per square yard of material placed. *Each installation of the erosion control mat shall be measured for payment. The flocculation powder will be measured separately according to the special provision for FLOCCULATION POWDER contained herein.*

Basis of Payment: This work will be paid for at the contract unit price per square yard for EROSION CONTROL MAT. *The unit price shall include all labor, equipment and materials necessary for installation, removal and disposal of the erosion control mat. The flocculation powder will be paid for separately according to the special provision for FLOCCULATION POWDER contained herein.*