

**KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION TO THE
STANDARD SPECIFICATIONS, 1990 EDITION**

NOTE: This special provision is generally written in the imperative mood. The subject, "the *Contractor*" is implied. Also implied in this language are "*shall*", "*shall be*", or similar words and phrases. The word "*will*" generally pertains to decisions or actions of the Kansas Department of Transportation.

SECTION 2100

SILT FENCE

Establish a new Subsection in Section 2100 as follows:

1.0 DESCRIPTION.

This specification is applicable to the use of a geotextile as a vertical, permeable interceptor designed to remove suspended soil from overland water flow. The function of a temporary silt fence is to filter and allow settlement of soil particles from sediment laden water. The purpose is to prevent the eroded soil from being transported off the construction site by water runoff.

2.0 REQUIREMENTS.

a. Geotextile Fabric for Temporary Silt Fence. Provide material that complies with the requirements of AASHTO M 288 for unsupported silt fence, with 1.2 m maximum post spacing. Actual post spacing is as shown in the Contract Documents.

b. Posts. Provide either wood, steel, or synthetic posts of sufficient strength to resist damage during installation and to support the applied loads. Length is to be as shown in the Contract Documents. Hardwood posts having dimensions of at least 30 mm x 30 mm, No. 2 Southern Pine at least 65 mm x 65 mm or steel posts of U, T, L, or C shape, weighing 600 g per 300 mm minimum are satisfactory. Dimensions of synthetic posts should be the same as wood posts of equivalent flexural strength.

c. Prefabricated Silt Fence. Prefabricated silt fence systems must meet the above requirements for geotextile fabric and posts.

3.0 TEST METHODS. As specified in AASHTO M288.

4.0 PREQUALIFICATION. None Required.

5.0 BASIS OF ACCEPTANCE.

a. Acceptance of geotextile for silt fence will be based on a Type D certification as specified in **Section 2600**, and visual inspection at the point of usage.

b. Posts will be accepted on the basis of visual inspection for condition and dimensional requirements at the point of usage.

11-18-99 M&R (JLC)

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