

**OKLAHOMA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION
FOR
TEMPORARY FIBER LOG**

These Special Provisions amend, revise, and where in conflict, supersede applicable sections of the 2009 Standard Specifications for Highway Construction, English and Metric.

221.01 DESCRIPTION *(Add the following:)*

This work consists of constructing, maintaining, and removing fiber logs at locations shown on the Storm Water Pollution Prevention Plan (SWPPP).

221.02 MATERIALS *(Add the following:)*

H. Fiber Logs

Provide fiber logs made of straw, excelsior, coir, or other similar materials as approved by the Engineer. Ensure the material is free of foreign weeds and fungi, and is free of growth or germination inhibiting substances. Netting surrounding the log may be synthetic or natural fiber material. Fiber logs in an advanced state of decomposition prior to installation will not be accepted.

Unless otherwise specified in the plans, provide fiber logs having a minimum diameter of 12 inches [0.3 m].

Provide stakes with a minimum cross section of 3/4 inch x 3/4 inch [19 mm x 19 mm], and a minimum length of twice the diameter of the fiber log.

221.04 CONSTRUCTION METHODS *(Add the following:)*

I. Fiber Logs

Embed fiber logs 2 to 4 inches [50 mm to 100mm] into the soil.

Place fiber logs in a row along the contour, or at a 1 to 2 percent gradient, with the ends tightly abutting the adjacent fiber log, to a specified discharge point if installing them as diversion dikes.

If installing fiber logs across surface drainage ditches, ensure the highest point of the fiber log in the center of the ditch is lower than the lowest point of the row of logs at either end.

Inspect fiber logs within 24 hours after each rainfall, and each 7 day period. Immediately replace damaged logs. Repair deficiencies or damages at no additional cost to the Department.

Remove fiber logs and sediment in accordance with Subsection 220.04.H.(5), "Removal of Control Measures."

221.05 METHOD OF MEASUREMENT (*Add the following:*)

The Engineer will measure the length of *Temporary Fiber Log* in place.

221.06 BASIS OF PAYMENT (*Add the following:*)

The Department will pay for each pay item at the contract unit price per the specified pay unit as follows:

Pay Item:	Pay Unit:
<i>(K) TEMPORARY FIBER LOG</i>	Linear Foot [Meter]

The Department will consider the cost of materials, installation, maintenance (including removal of accumulated sediment), and removal of *Temporary Fiber Logs* to be included in the contract unit price.