

Kentucky Erosion Prevention and Sediment Control Guide

A guide to preventing erosion and controlling sediment from construction activities in Kentucky

Additional Details for KYTC Projects

The Kentucky Transportation Cabinet (KYTC) requires inspection and documentation of all controls weekly and after each rain of 0.5 inch or more. Approved curled wood fiber or straw/coconut fiber erosion control blankets or mats must be used in all ditches (except sodded, paved, and channel-lined ditches) and on all slopes of 4:1 or steeper, if upland drainage area exceeds 100 feet. KYTC will allow the use of hydromulch in lieu of straw during March 1 to May 15 and September 1 to November 1 only. Use sufficient quantities of mulch and tackifier to promote germination and control erosion until vegetation is established.

Projects conducted within the jurisdiction of a regulated MS4 community should coordinate activities with local stormwater programs.

KYTC requires an erosion and sediment control plan prior to excavation or grading. Erosion and sediment control plans require site drawings that show natural and constructed drainage features and the actions that will be taken to control both erosion on bare soil areas and sediment in sheet runoff or concentrated flows. Erosion and sediment control actions must be indicated on the site drawing during weekly inspections. Natural streams and other surface waters should also be noted.

Plans must indicate temporary and permanent erosion control features. At a minimum, this includes silt checks, silt traps, sediment traps/basins, silt fences, and other methods. Streams, wetlands, and other surface waters should be disturbed only when necessary and as little as possible. Temporary stream crossings should be designated. Erosion and sediment controls must be properly maintained during construction and closed out after construction to ensure continuing compliance with the permit and KYTC requirements. See [Maintaining and Closing Out Your Project](#) for maintenance information and [Regulatory Information](#) for information on closeout.

Specific design and other requirements can be found in the project contract documents.

The KYTC Specifications Manual can be found at transportation.ky.gov/Construction/StdSpecsWSupplSpecs/2019%20Standard%20Spec%20with%20Supplemental%20Spec%20July%202019.pdf.

