

**TECHNICAL SPECIFICATION 115
EROSION AND SEDIMENTATION CONTROL**

115.1 SCOPE OF WORK

The purpose of this technical specification is to cover the furnishing of all labor, materials, testing, submittals, tools, and equipment necessary to provide, operate and maintain means and devices to minimize erosion within and adjacent to the work area and to prevent the entrance of any silt-laden water from work areas into any standing or moving bodies of water or into adjacent wetland areas, using silt fence, hay bales, hay bale backed silt fence, or silt sacks at catch basins where indicated on the plans or as ordered by the Engineer. This work includes the periodic inspection, repair, replacement, or cleanout of accumulated sediment and the removal and disposal of the system and associated surplus materials at the end of the project.

115.2 MATERIALS

Hay bales shall conform to Form 817, Section 2.19.02. Wood stakes shall be 2 inch x 2 inch x 36 inch hardwood. Geotextiles shall conform to Form 817, Sections 7.55 and M.08.01.19. Silt sacks shall be AFC Environmental Silt Sack or approved equal.

115.3 SUBMITTALS

The following submittals shall be submitted to the Engineer for review and approval prior to installation:

- Manufacturer(s) cut sheet(s) for geotextile(s)
- Manufacturer(s) cut sheet(s) for silt sacks

115.4 CONSTRUCTION METHODS

The installation, maintenance and removal of hay bales shall conform to the requirements of Form 817, Section 2.19.03. The installation, maintenance, and removal of sedimentation control devices shall conform to the requirements of Form 817, Section 2.19.03 except the use of brush as a backing for geotextile shall not be allowed. The installation, maintenance and removal of silt sacks shall conform to the manufacturer's specifications.

115.5 MEASUREMENT

Measurement for this item will be based on the actual number of linear feet of silt fence or hay bales installed and accepted. Measurements shall be along the centerline of the system, or its

components. Measurement for silt sacks at catch basins will be based on the number of units installed and accepted. Replacement systems shall not be measured for payment.

115.6 PAYMENT

Payment for this item will be based on the contract unit price per Linear Foot for hay bales and silt fence including all labor, materials, testing, submittals, tools, and equipment necessary to complete the work as specified.

PAY ITEM	PAY UNIT
Hay Bales	L.F.
Silt Fence	L.F.
Hay Bale backed Silt Fence	L.F.
Silt Sacks at Catch Basins	EA.