

SECTION P-680 GEOTEXTILE FOR SILT FENCE

DESCRIPTION

680-1.1 Furnish, place, maintain, and remove temporary silt fence as shown on the Plans or as directed.

MATERIALS

680-2.1 GEOTEXTILE. Use geotextile that meets AASHTO M 288 for Temporary Silt Fence.

680-2.2 POSTS. Use posts made of wood, steel, or approved synthetic material that will adequately support the fence under forces induced by water and sediment loading.

CONSTRUCTION REQUIREMENTS

680-3.1 Erect geotextile fence before excavation or embankment construction begins.

680-3.2 POST INSTALLATION. Place posts a maximum of 8 feet apart and drive a minimum of 18 inches into the ground.

680-3.3 GEOTEXTILE PLACEMENT. Install geotextile on posts in a vertical position and support by a wire mesh fence or self-support system. Set at the height specified in the Contract. Secure the bottom 18 inches of the geotextile on the upslope side of the fence as shown on the Plans. Backfill trench with tamped soil. Join adjacent sections of geotextile only at posts with a minimum of 6 inches overlap.

680-3.4 MAINTENANCE AND REMOVAL. Maintain the integrity of the fence as long as it is necessary to contain sediment runoff. Inspect the fence daily and correct deficiencies immediately. Remove and dispose of the fence when adequate vegetative growth insures no further erosion of the slopes. Cut off the fabric at ground level and remove the fabric, wire and posts. When thickness of trapped sediment is in excess of 4 inches above the ground, either remove sediment from the site or spread sediment uphill of the fence and seed all exposed soil immediately, following the requirements of Item T-901.

METHOD OF MEASUREMENT

680-4.1 Fence will be measured in place, on the ground along the post line.

BASIS OF PAYMENT

680-5.1 Payment will be made as follows: 60% for installation. 25% for maintenance and repairs, prorated at the Engineer's discretion, 15% for removing it from the site.

Payment will be made under:

Item P-680a Silt Fence – per linear foot