

SOILS AND TERRAIN AND DEGREE OF MAINTENANCE. STEPS NECESSARY TO ESTABLISH PERMANENT VEGETATIVE STABILIZATION ARE AS FOLLOWS:

- (1) INSTALL REQUIRED EROSION CONTROL PRACTICES.
- (2) APPLY REQUIRED LIME AND FERTILIZER.
- (3) PREPARE ADEQUATE SEEDBED.
- (4) SEED OR SOD.
- (5) APPLY MULCH AND ANCHOR FOR SEED AND ANCHOR FOR SOD.

Section 12-2022. STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES.

Structural erosion and sediment control measures shall include, but not be limited to the following:

(1) Diversions, the number, physical extent and spacing of which shall be dependent upon the land slope, soil, and runoff. Surface runoff shall be collected and conveyed laterally along the diversion at non-erosive and non-scouring velocities, and discharged into a protected area or outlet channel.

(2) Bench terraces.

(3) Outlet channels for the disposal of storm runoff from diversions, bench terraces and other structures. The design thereof shall be based upon the runoff from predicted storm frequency and shall include the vegetative or structural measures required to protect the channel from scour and erosion.

(4) Waterway stabilization structures such as drop structures, grade stabilization structures and channel liners shall be utilized to dissipate the energy of flowing water by holding the waterway slopes and velocities within non-scouring limits.

(5) Channel bank stabilization, (such as riprap, rock cribs, gabions, groins jetties, fencing and piling) to provide a barrier that will withstand the erosive forces exerted by flowing water, or to create a bank roughness that will reduce the erosive power by dissipating energy of the water as it moves along the bank line.

(6) Stream channel improvement to straighten, realign, or construct a new channel to designed cross-section and grade as necessary.

(7) Sediment basins ~~for~~ ARE temporary earth fill type dams constructed downstream from a development area which regulates runoff and traps sediment. Sediment shall be removed mechanically as the basin behind the dam becomes filled, and the structure may be removed once stability is ~~reach~~ REACHED in the development area.

(8) Installation and maintenance of specified erosion and sediment control measures in accordance with the provisions of Section 12-2018 of this Subtitle.