

**NATURAL RESOURCES CONSERVATION SERVICE**  
**CONSERVATION PRACTICE SPECIFICATION**  
**STREAMBANK AND SHORELINE PROTECTION**  
**(feet)**  
**CODE 580**

**SCOPE**

This specification covers the installation of measures for streambank and shoreline protection. Construction shall be in accordance with the construction plans and these specifications.

**INSTALLATION**

**Clearing.** Removal of trees, brush, stumps, debris, rock, and gravel bars shall be done in areas shown on the plans or staked in the field.

Removal of any trees and brush shall be done in such a manner as to avoid damage to other trees and property.

Disposal of trees, brush, and other material shall be done in such a way as to have the least detrimental effect on the environment.

**Grading.** Any cuts and fills required to reduce the slopes of streambanks, or to prepare subgrade surfaces for rock riprap, or other structures shall be to the lines, grades, and elevations as shown on the plans and/or staked in the field. All fills shall be compacted to at least the density of the adjacent undisturbed materials.

**Structures.** All structures shall be built to the lines, grades, elevations, and dimensions shown on the plans. All materials including rock riprap shall be as shown on the plans.

**Rock riprap.** If a filter blanket is required it shall be placed as shown on the plans.

Rock riprap shall be placed on the surfaces and to the depth shown on the plans. The riprap shall be constructed to the required thickness in one operation and in such a manner as to avoid serious displacements of the underlying materials.

**CONSTRUCTION OPERATIONS**

Measures and construction methods that enhance fish and wildlife values shall be incorporated as needed and practical. Special attention shall be given to protecting and maintaining key shade, food, den trees, and visual resources and to stabilizing disturbed areas.

Construction operations shall be carried out in such a manner that erosion, and air and water pollution are minimized and held within legal limits.

The completed job shall present a workmanlike finish.

## **SAFETY**

Landowners or operators, sponsoring organizations, and contractors shall be liable for damage to utilities and damage resulting from disruption of service caused by construction activities. The Natural Resources Conservation Service makes no representation on the existence or nonexistence of any utilities. Absence of utilities on the drawings is not assurance that no utilities are present at the site.

It is the responsibility of the landowner or operator to determine if there are buried or overhead utilities in the vicinity of the proposed work. They should take proper procedures to insure that the utilities shall not be jeopardized and that equipment operators and others will not be injured during construction operations.