

STREAMBANK & SHORELINE PROTECTION

PRACTICE INTRODUCTION

USDA, Natural Resources Conservation Service - practice code 580



STREAMBANK & SHORELINE PROTECTION

Streambank & shoreline protection is using vegetation or structural techniques to stabilize and protect banks of streams, lakes, estuaries, or excavated channels against scour and erosion.

PRACTICE INFORMATION

This practice applies to natural or excavated channels where the streambanks are susceptible to erosion from the action of water, ice, debris, or to damage from livestock or vehicular traffic. It also applies to controlling erosion on shorelines where the problem can be solved with

relatively simple structural measures, or vegetation.

The purpose (s) of this practice include the following:

1. Prevent loss of land mass
2. Prevent damage to utilities, roads, buildings, other facilities including conservation practices adjacent to the banks
3. Maintain the capacity of the channel
4. control channel meandering
5. Reduce sediment loads causing downstream damage and pollution
6. Improve the stream for recreation
7. Improve the stream for fish and wildlife