

Streambank and Shoreline Protection

Definition/Purpose

Streambank and Shoreline Protection mean the use of vegetation to stabilize and protect banks of streams, lakes, estuaries, or excavated channels against scour and erosion. This practice should be used to prevent the loss of land or damage to utilities, roads, buildings, or other facilities adjacent to the banks, to maintain the capacity of the channel, to control channel meander that would adversely affect downstream facilities, to reduce sediment load causing downstream damages and pollution, or to improve the stream for recreation or fish and wildlife habitat. (DIP)

Policies

1. The use of this BMP for ACSP funding is intended for sites where the natural streambank has been severely damaged by human or animal access, other activities, or natural processes.
2. This practice is not intended to address ocean shoreline erosion problems.
3. A minimum setback of 20 feet of undisturbed native vegetation or restored riparian area adjacent to the installed practice is mandatory in all situations.
4. This practice may further be supported by other BMPs such as filter strips, critical area planting, riparian forest buffer, use exclusion, and stream crossings
5. Additional measures to minimize or manage access or traffic may be necessary to ensure the long-term stability of the streambank/shoreline.
6. This practice is not intended to address situations where in-stream work or armoring of the shoreline or streambank is required.
7. Permit fees are eligible for cost share up to 75% of fee.

Agriculture Cost Share Program

STREAMBANK AND SHORELINE PROTECTION	
Maintenance Period	10 YEARS
BMP Units	LIN FT
Required Effects	ACRES_AFFECTED (treated area and buffer) SOIL_SAVED (Estimates of streambank/shoreline erosion in tons/yr. may be substituted for soil loss calculations)
JAA/NRCS Standard unless otherwise noted	ENG – 580 – Streambank and Shoreline Protection ENG – 322 – Channel Bank Vegetation ENG – 584 – Channel Stabilization
Supporting Practices	ECS – 612 – Tree/Shrub Establishment ECS – 382 – Fence ECS – 342 – Critical Area Planting ECS – 472 – Use Exclusion ECS – 393 – Filter Strip ENG – 578 – Stream Crossing NRCS Engineering Field Handbook Chapter 16
CS2 Reference Materials	NC-ACSP-11 Signature Page Map with BMP location, fields, and roads.