

Goodwin Creek
Batesville, Mississippi

Client: USDA ARS Sediment Lab

Work Performed: Project Installation

Design by David Derrick, Research Engineer. U.S. Army Corps of Engineers. Waterways Experiment Station. Vicksburg, Mississippi.

This project involved the stabilization of approximately 1,200 feet of streambanks along Goodwin Creek. Methods used included Longitudinal Peaked Stone Toe Protection (LPSTP), bendway weirs, traffic control stones, engineered rock riffles, riparian plantings, and boil up pools.

Installed by: Phil Balch, The Watershed Institute, Inc. Topeka, Kansas (Excavator Operator), David Derrick, USACE (Construction Oversight), Ron Redman, Arkansas Soil and Water Conservation Commission (Loader Operator), Andrew Simon, USDA ARS Sediment Laboratory (Client).



Goodwin Creek – Before Construction – Looking Downstream



Goodwin Creek – Before Construction – Looking Upstream



Goodwin Creek – During Construction



Goodwin Creek – After Construction – Looking Downstream



Goodwin Creek – L-R – Dave D, Andrew S. Phil B.



Goodwin Creek – During Construction – Looking Upstream - Sycamores in the middle bank transplanted with excavator.



Goodwin Creek – After Construction – Looking Downstream – Transplanted Sycamores in the middle bank.



Goodwin Creek – After Construction – Looking Downstream –