

Desha County Conservation District

Erosion Control Project



PURPOSE

- Prevent Erosion
- Increase Water Quality
- Decrease damage to the land
- Reduce water conveyance losses through controlling the transmission, transference, recovery and reuse of water by use of drop pipe structures and/or underground piping



Objective

- Purchase pipe to be installed for erosion control



Example of opportunity-1



Opportunity-2





Channel too small

Headland Erosion, due to lack of adequate field drains



Headland erosion, due to overflow-1





Headland Erosion due to overflow-2



Field drain, poor installation



Field drain, needs slope cover



Proper outlet, needs slope cover

Objective Continued

- Complete the installation of pipes for erosion control
- Progress reporting



Getting Started

- Publish in local newspapers
- Held public meeting
- State, district and federal agencies
- Bids from vendors
- Needed supplies list from producers



- Filled Orders
 - Made a contract
 - Called producers
 - Producer paid and received paperwork for pickup



- Installation
 - Producer id on aerial photo project site
 - GPS



Problems encountered

- Getting Started
- Chaos
- Identifying project area
- Limited funds available



Summary

- Purchased 200 grade stabilization structures and approximately 50 miles of pipe for erosion control





Proper solution-1

Proper functioning



Excellent outlet, good cover, clear water

