

## OVERVIEW

About 88% of rural roads in Arkansas are unpaved. These roads are the transportation backbone for many of the state's economic sectors including agriculture, forestry, oil and gas, and outdoor recreation. They also provide residential access for many of the state's citizens. However, unpaved roads can cause impacts to local streams and lakes by delivering excess sediment into these water bodies. Stream crossing can also cause alterations to stream hydrology and habitat.

Rivers such as the forks of the Little Red, Strawberry and others are important resources that provide clean water for people and industry, recreation, and habitat for game and non-game species. The Nature Conservancy (TNC) is partnered with the US Fish and Wildlife Service (USFWS) and Arkansas Game and Fish Commission (AGFC) to map and prioritize road conditions and impacts in the upper Little Red River and Strawberry River watersheds. With mapping completed, TNC is seeking public and private partners to implement alternative road maintenance practices to benefit water quality and habitat for rare and endangered species.

A variety of simple and inexpensive practices exist that effectively reduce drainage problems and lengthen maintenance cycles on unpaved roads. These practices not only minimize erosion, but also reduce the strain on road budgets. *This workshop will address these practices and provide technical information for their use.*

## COSTS

This workshop is offered **free of charge** to the participants. Drinks and snacks will be included the first day, and drinks and boxed lunch on the second day.

If your agency or organization has funding available for your continuing education or training opportunities, please consider helping offset the costs of this workshop. The value of the workshop is \$200 per participant, though smaller contributions are acceptable.

Workshop Hosted by:



Demonstration Site in Partnership with:  
**Stone County Roads Department**

Workshop Sponsored by:



**Who Should Attend?** This two day workshop is designed for county judges, road foremen, equipment operators, district conservationists, other public agency personnel, and private contractors and landowners who manage unpaved roads in or around the Little Red River and Strawberry River watersheds. The workshop is also open to interested participants in other parts of the state.

### To attend, please contact:

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## Alternative Maintenance Practices for Unpaved Roads

A workshop focusing on innovative and effective practices to decrease road erosion, reduce maintenance costs, and improve water quality in the Upper Little Red River, Strawberry River, and other Arkansas Watersheds.



August 24th - 25th, 2010

Ozark Folk Center State Park  
Conference Center  
1032 Park Avenue  
Mountain View, AR 72560

**Day 1: Tuesday, August 24, 2010**  
**Location: Conference Center**  
**Ozark Folk Center State Park**  
**Mountain View, Arkansas**

**SESSION 1: PROGRAM OVERVIEW**

**9:00am - 10:00pm**

- Welcome and Introductions
- The Nature Conservancy Unpaved Roads Program in Arkansas
- Natural Systems and How They Interact with Unpaved Roads
- The Principles of Alternative Maintenance Practices for Unpaved Roads

**SESSION 2: TECHNICAL TOPICS**

**10:00pm—12:00pm (breaks included)**

- Off Right-of-Way Influences
- Roadside Vegetation Management
- Roadside Banks



**LUNCH ON YOUR OWN**  
**Skillet Restaurant**  
**12:00pm - 1:00pm**

**SESSION 3: TECHNICAL TOPICS**

**1:00pm—5:00pm (breaks included)**

- Road and Stream Interfaces
- Parallel Road Ditches
- Ditch Outlets
- Driving Surface Aggregates
- Road Surface Maintenance
- Additional Maintenance Techniques

**DINNER ON YOUR OWN**



**Day 2: Wednesday, August 25, 2010**  
**Location: TBD**

**SESSION 4: FIELD DEMONSTRATIONS**

**8:30am - 3:00pm**

- Stone County Field Sites Demonstrating Various Maintenance Techniques
- Walk-through Site Diagnostic with Feedback from Instructors

**BOX LUNCH PROVIDED**

**ALTERNATIVE FOR BAD WEATHER**

**SESSION 5: PROJECT EXAMPLES**

**9:00am - 3:00pm @ Conference Center - Ozark Folk Center**

- Various Projects Described and Shown with Extensive Photographs and Plans
- Addressing Unique Challenges with Unpaved Roads on the Ozark National Forest

**BOX LUNCH PROVIDED**

