

# Workshop on Designing, Improving and Maintaining Rural Low Standard Roads in Calaveras County

October 11, 2007  
**Calaveras County Library**  
1299 Gold Hunter Road, San Andreas (morning)  
Field Trip (afternoon)



## Workshop Objectives

- ◇ Provide landowners and land managers with information on the design and functions of rural (mainly un-surfaced) roads used for resource management, residential access and recreation.
- ◇ Provide tools for evaluating the conditions and environmental impacts of existing roads.
- ◇ Introduce landowners to practices that may be used to improve existing roads and eliminate problems.
- ◇ Outline procedures for maintaining roads to reduce potential for failure or impaired functioning.

## Agenda

- 8:00-8:30 **Registration** and Introduction
- 8:30-9:15 **Fundamentals of Rural, Low Standard Roads**—*Richard Harris, UC Cooperative Extension*
- 9:15-10:00 **Environmental Constraints on Road Design and Use**—*Michael Wopat, California Geological Survey*
- 10:00-10:15 Break
- 10:15-11:00 **Stream Crossings**—*Pete Cafferata, California Department of Forestry and Fire Protection*
- 11:00-11:45 **Regulatory Considerations**—*Rob Houghton, Calaveras County Public Works Department; Marty Hartzell, Central Valley Regional Water Quality Control Board; Tina Bartlett, Dept. of Fish and Game*
- 11:45-12:30 **Road Upgrading and Decommissioning**—*Richard Harris*
- 12:30-2:00 Lunch (lunch on your own), Travel to Field Sites (carpools recommended)
- 2:00-5:00 **Field Trip**—*hosted by Tim Tate, District Manager, Sierra Pacific Industries*
- 5:00-5:30 **Return to Meeting Site**

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## Registration Form

## Roads in Calaveras County

The \$15 registration fee for the workshop includes break refreshments and handouts.

Name \_\_\_\_\_  
Affiliation \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ Zip \_\_\_\_\_  
E-mail \_\_\_\_\_  
Daytime Phone \_\_\_\_\_

**Make checks payable to  
UC Regents & return to:**  
UCCE

891 Mountain Ranch Road  
San Andreas, CA 95259 530-  
**Questions? Contact**  
Ken Churches, (209) 754-6477,  
kchurches@co.calaveras.ca.us

**Enrollment is limited to the first 30 people for each workshop, so register early!**

Cooperative Extension Calaveras County,  
Government Center  
891 Mountain Ranch Road  
San Andreas, CA 95249

*U.S. Department of Agriculture and University of California Cooperating*

## Workshop on Designing, Improving and Maintaining Rural Low Standard Roads in Calaveras County

***Directions to the Calaveras County Library  
1299 Gold Hunter Road, San Andreas***

From Angels Camp, take Highway 4 North to Arnold. Veer off to your left onto Blagen Road (you will see a sign for White Pines). It is only a couple of miles and White Pines Park and Lake will be on your left. Emergency cell phone is 209-304-6262. There are nice places to stay in both Angels Camp and Murphys. You can visit [gocalaveras.org](http://gocalaveras.org) for details.

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SO REGISTER EARLY!**

### ***Sponsored by***

University of California Cooperative Extension, Calaveras County  
UC Cooperative Extension, Forestry Program  
California Forest Stewardship Program

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California Department of Forestry and Fire Protection  
California Geological Survey  
California Department of Fish and Game  
Calaveras County  
Central Valley Regional Water Quality Control Board

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