

Registration Form—**Principles of Drainage**  
(Please register by **August 3, 2009**)

I will attend: \_\_\_ **August 11th New Canaan**  
\_\_\_ **August 12th Farmington**  
\_\_\_ **August 13th Storrs**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Agency : \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_ Zip: \_\_\_\_\_

Billing Contact Person: \_\_\_\_\_

Phone: \_\_\_\_\_

Billing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_ Zip: \_\_\_\_\_

Add me to your mailing list

Add me to your listserv

Method of Payment:

Check (payable to UConn)

P.O. # \_\_\_\_\_

ConnDOT Voucher # \_\_\_\_\_

Please advise if you require special services or have dietary restrictions. Photographs may be taken for promotional and training purposes. Please notify us during registration if you do not wish to be photographed.

Mail to: Technology Transfer Center  
179 Middle Turnpike, Unit 5202  
Storrs, CT 06269-5202

Fax to: (860) 486-5718, or register on-line at  
[www.t2center.uconn.edu/registration.php](http://www.t2center.uconn.edu/registration.php)

If mailing registration with payment, please be sure to also fax your registration to secure a space. Please direct any questions to Shelly Desjardin at (860) 486-9373.

University of Connecticut  
CT Transportation Institute  
Unit 5202  
179 Middle Turnpike  
Storrs, CT 06269-5202

The Connecticut Transportation Institute's Technology Transfer Center, established at the University of Connecticut's School of Engineering in 1983, provides training, technical assistance, and informational materials to Connecticut's local governments on the planning, design, construction, maintenance, operation, and management of roads, bridges, and public transit. The Technology Transfer Center is a cooperative effort of the Connecticut Department of Transportation, the Federal Highway Administration's Local Technical Assistance Program (LTAP) and the University of Connecticut. The University of Connecticut is an affirmative action, equal opportunity institution. No state-appropriated funds were used to print this material.

For questions or information on our services, call 860-486-5400 or visit us online at [www.t2center.uconn.edu](http://www.t2center.uconn.edu)



Non-Profit Org.  
U.S. Postage  
PAID  
University of  
Connecticut  
Permit 3



# Principles of Drainage for Local Roads

*A Connecticut Road Master Program  
Required Workshop*



**August 11, 2009 — New Canaan, CT**  
**August 12, 2009 — Farmington, CT**  
**August 13, 2009 — Storrs, CT**

**8:30 a.m. — 3:30 p.m.**  
*(Lunch will be provided)*

## Learning Objectives:

In this workshop participants will learn:

- ◆ Analysis of extent of drainage problems
- ◆ Properties and effects of soil and sub-surface water
- ◆ What subsurface drains do not do
- ◆ Purpose of cross-section elements and maintenance techniques
- ◆ How to maintain, inspect and install culverts
- ◆ Purpose and maintenance of ditches
- ◆ Types of erosion and ways to reduce it

## Instructor:

Our presenter, *David P. Orr, P.E.*, is the Senior Engineer for the Cornell Local Roads Program. David has over 20 years of experience including eight years with the Yates County (New York) Highway Department.



## Who Should Attend:

This program is designed for Directors of Public Works, Highway Superintendents, Road Foremen, Crew Leaders, Town Engineers and others who have responsibility for the construction and maintenance of local roads.



## Tentative Agenda

- 8:00 AM Registration
- 8:30 AM **Introduction and Morning Session**
- ◆ Earth materials and subsurface water (properties and effects)
  - ◆ Subsurface drains
  - ◆ Cross-section elements
  - ◆ Legal duties and procedures
  - ◆ Culverts (Intro)
- 12:00 **LUNCH** (provided)
- 1:00 PM **Afternoon Session**
- ◆ Culverts
  - ◆ Ditches
  - ◆ Erosion and slopes
  - ◆ Summary
- 3:30 PM **Class Adjourns**

## Registration Fees

The registration fee for State and Municipal participants is **\$75.00**; the registration fee for private sector participants is **\$150.00**. The registration fee includes refreshments, lunch and workshop handouts.. Registration fees are due prior to the start of the workshop.

Participants from the Connecticut Department of Transportation must provide the ConnDOT workshop voucher number with the registration form and bring the original voucher to the workshop.

## Refund Policy

The registration fee is refundable if notice of cancellation is received 48 hours prior to the start of the program. Registrants who are unable to attend and do not cancel in advance are subject to the registration fee.

Substitutions may be made at any time. Please notify us of changes.

## Registration

Registration is closed one week prior to the day of the workshop. Please mail registration to address noted on the form or fax to (860) 486-5718.

You will receive a confirmation packet by mail containing travel directions and parking information prior to the training date.

## Enrollment is Limited

Registrations will be accepted on a first-come first-served basis. Please register early for this workshop.