

New York State LTAP Center Cornell Local Roads Program

nysltap.org

P: 607-255-8033

Email: clrp@cornell.edu

Roadway and Roadside Drainage Workshop

When: May 8, 2024 from 8:30am-3:00pm

Where: Ontario County Soil & Water Conservation District (SWCD)
480 N Main St, Canandaigua, NY 14424

Cost: FREE *Sponsored by Ontario County SWCD*

To register, please go to: nysltapclrp.regfox.com/2024-spring-workshop-season

Who should attend: Crew leaders including foremen, equipment operators, superintendents of small highway departments, and others who want to gain knowledge of open drainage systems. The course is geared to practical day-to-day operations.

Participants taking this course will be able to:

- Contrast the differences in soil behavior in the presences of water (gravel to clay)
- Explain how freezing and thawing changes the characteristics of soils under a pavement
- Choose good candidates for subsurface drains and select proper backfill for said drains
- Select the proper cross section to improve surface drainage off a highway
- Distinguish between reasonable use, common law, and civil law with regard to drainage of surface water
- Design a basic culvert installation and assess when to get help with the design
- Analyze a culvert's maintenance needs
- Differentiate between scraping and cleaning a ditch
- Select the lining / covering for a ditch or slope to reduce erosion while still performing its function

Instructor:

David P. Orr, P.E., is the Director for the NYSLTAP - Cornell Local Roads Program. Formerly the Deputy Highway Superintendent for Yates County, David has nearly 40 years of road-related experience.

As part of Cornell Cooperative Extension and a national network of LTAP centers, the NYS LTAP Center - Cornell Local Roads Program provides training and assistance to local transportation agencies and affiliates across New York State.



ONTARIO COUNTY
SOIL & WATER CONSERVATION DISTRICT



Department of
Transportation

Local Technical
Assistance Program

