mherst, MA 01003

Baystate Roads Program

DESCRIPTION

This course (1-day) provides training on construction with geosynthetics in transportation applications. The course examines the use of geotextiles, geogrids, pavement edge drains, drainage composites, erosion control materials and sediment control materials. Construction of filtration, drainage, temporary and permanent erosion control, sediment control, roadway separation, roadway reinforcement, roadway subgrade improvement, pavement overlays, embankments over soft foundations, mechanically stabilized earth walls, and mechanically stabilized earth slope applications are reviewed. This 1-day construction summary course provides an introduction to geosynthetic installations. Maximum class size is 30

SPEAKERS

Dr. Barry Christopher

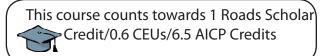
Dr. Christopher is an independent geotechnical engineering consultant with over 30 years of experience. He specializes in ground improvement technologies and geosynthetics applications and design. He has authored numerous technical papers on these subjects including ten design manuals for the U.S. Federal Highway Administration (FHWA) that include Geosynthetics Design and Construction Guidelines.

L. DAVID SUITS

Mr. Suits. Executive Director of the North American Geosynthetics Society, oversaw the performance of all foundation design testing performed in conjunction with NYSDOT's \$1 billion design and construction program, including approval of geosynthetics products used by the DOT. Mr. Suits has been an adjunct professor at Rensselear Polytechnical Institute teaching the graduate "Designing with Geosynthetics" course.

Who Should Attend

• Federal, State and local transportation personnel (bridge, hydraulic, pavement, geotechnical, construction, and maintenance engineers, as well as construction inspectors and technicians) involved with construction and maintenance of transportation facilities that include earthwork construction.



NHI 132013:

GEOSYNTHETICS ENGINEERING



June 20, 2012

Hotel Northampton

Northampton Room

36 King Street

Northampton, MA





This Baystate Roads Program (LTAP) workshop is a cooperative effort of the Federal Highway Administration, Massachusetts Department of Transportation and the University of Massachusetts Transportation Center.

Permit No 2

Amherst, MA

Call us if you have a special request or concern (413)545-5403 Cash or checks are accepted upon arrival.

Canellations must be received 4 days prior to

The University of Massachusetts

Make checks payable to:

the workshop or you will be invoiced.

Send Payments toTO: Chris Ahmadjian, Baystate Roads Program UMTC 214 Marston Hall, 130 Natural Resources Rd, Amherst, MA 01003

PLEASE REGISTER ONLINE! www.mass.gov/baystateroads

no cost after May 30th, only with supervisor MassDOT employees may enroll to attend at

permission

\$60 municipal/\$120 private sector

REGISTRATION FEE

and course materials are included

Breakfast, lunch, breaks

AGENCY: TITLE:

Location (city/town):

Northampton

Dates Requested: June 20, 2012

NHI 132013: GEOSYNTHETIC ENGINEERING

-Save paper and time!

*PLEASE DETACH AND MAIL THIS REGISTRATION FORM WITH PAYMENT AFTER REGISTERING ONLINE

ADDRESS:

TOWN OR CITY & ZIP

TELEPHONE:

NHI: Geosynthetic Engineering

June 20, 2012 Hotel Northampton Northampton Room 36 King Street Northampton, MA Max Class Size is 30 www.mass.gov/baystateroads Why Register Online? -Instantly confirm registration! -View how many seats are left! -View all courses currently accepting registrations! -View workshop flyers as well as Newsletters and Tech Notes!

NHI: GEOSYNTHETIC ENGINEERING

Max Class Size is 30 Agenda Day 1: Breakfast/Registration 8-8:30 AM 8:30 Course Introduction Geosynthetic Installation Protocols 9:45 Identification Exercise 10:15 Break Geosynthetics in Subsurface Drainage 10:30 **Systems** 11:15 **Erosion Control** 11:45 - 12:45 Lunch Geosynthetics in Roadway and Pave-12:45 PM ment Systems 1:30 **Pavement Overlays** 2:00 Break 2:15 Reinforced Embankments on Soft Foundations 3:00 Reinforced Soil Slopes Reinforced Soil Walls 3:45 4:45 Summary / Quiz / Evaluations 5:00 Adjourn

Workshops Online Now!!!

- **OSHA 10-Hour Certification**
- NHI: Geosynthetic Engineering
- NHI: Public Participation in the Transportation Planning Process
- New Specs. for Muncipal Asphalt
- Complete Streets, 3 and 6-hour Sessions
- **Every Day Counts Exchange: Right of Way**

www.mass.gov/baystateroads