

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

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.

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 Rensselaer Polytechnical Institute teaching the graduate "Designing with Geosynthetics" course.

- 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.

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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.

Baystate Roads Program
UMass Transportation Center
214 Marston Hall
130 Natural Resources Rd
Amherst, MA 01003
ST 140031

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Permit No 2
Amherst, MA

NHI: GEOSYNTHETIC ENGINEERING

Max Class Size is 30

Agenda

8-8:30 AM	Day 1: Breakfast/Registration
8:30	Course Introduction
	Geosynthetic Installation Protocols
9:45	Identification Exercise
10:15	Break
10:30	Geosynthetics in Subsurface Drainage Systems
11:15	Erosion Control
11:45 - 12:45	Lunch
12:45 PM	Geosynthetics in Roadway and Pavement Systems
1:30	Pavement Overlays
2:00	Break
2:15	Reinforced Embankments on Soft Foundations
3:00	Reinforced Soil Slopes
3:45	Reinforced Soil Walls
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 Municipal Asphalt
- Complete Streets, 3 and 6-hour Sessions
- Every Day Counts Exchange: Right of Way

www.mass.gov/baystateroads

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!
- Save paper and time!

*PLEASE DETACH AND MAIL THIS REGISTRATION FORM WITH PAYMENT AFTER REGISTERING ONLINE **NHI 132013: GEOSYNTHETIC ENGINEERING**

NAME: _____

Dates Requested: June 20, 2012

TITLE: _____

AGENCY: _____

Location (city/town): Northampton

ADDRESS: _____

TOWN OR CITY & ZIP: _____

TELEPHONE: _____

PLEASE REGISTER ONLINE! www.mass.gov/baystateroads

REGISTRATION FEE
\$60 municipal/\$120 private sector
MassDOT employees may enroll to attend at no cost after May 30th, only with supervisor permission

*Breakfast, lunch, breaks
and course materials are included.*

Make checks payable to:

*The University of Massachusetts
Cancellations must be received 4 days prior to
the workshop or you will be invoiced.*

Send Payments to TO: Chris Ahmadian, Baystate Roads Program UMTG,
214 Marston Hall, 130 Natural Resources Rd, Amherst, MA 01003

Call us if you have a special request or concern (413)545-5403

Cash or checks are accepted upon arrival.