



Chartered in 1990

## A REVIEW OF GEOSYNTHETICS

Presented by Mike Close, P.E.

This activity qualifies for one Professional Development Hour (PDH)  
(Non-ASCE & ASHE members will be charged \$12 for the PDH)

**Thursday April 14, 2011**

Sponsored by:

The Richmond Section of the American Society of Civil Engineers in conjunction with the Old Dominion  
Section of The American Society of Highway Engineers

### Bio:

Mike graduated from Michigan State University in 1982 and received his Masters degree in 1989. Mike has been with Contech Construction Products for 5 years. During the 1990's he worked in engineering consulting and started his career at the Michigan Department of Transportation. Presently, he serves as the president of the Eastern Branch of the North Carolina Section of ASCE.

### Agenda:

Mr. Close will use the 2008 FHWA Geosynthetic Design and Construction Guidelines Sections 5.5 and 5.7 as the basis of the sections on Research and Relevant Proof and Design Tools. Below will be the agenda.

Review of Geosynthetics

- Geogrids
- Geotextiles or Fabrics

BX and TX Geogrid Applications

Research and Relevant Proof

Design Tools

Mike will start with geogrids and explaining how they are different from geotextiles and how they fit different types of applications. Then he will explain the differences between geogrids used in retaining wall and reinforced soil slopes versus those used to stabilize soft soils and in pavement applications.

**All are welcome to attend. However, if you are not an ASCE or ASHE member and want a Professional Development Hour, a \$12 fee will be charged.**

### SECURITY INSTRUCTION:

**All visitors must report to the security desk on the ground floor of the VDOT Highway Annex building, 1401 East Broad Street, for entry. You will then have unrestricted access to the auditorium in the Main Highway Building.**

### PARKING:

Parking is available at the metered spaces along the city streets or at the pay lots in the area. State provided parking is available for a number of vehicles. Carpoolers have priority. To register for the state provided parking, visit the ASHE web site at [www.asherichmond.org](http://www.asherichmond.org) (ends 04/08/11) and go to the "Next Meeting" link. **You will receive a conformation email with further parking instructions.**

### PLEASE JOIN US FOR OUR ASCE - ASHE MEETING

**Thursday, April 14, 2011**

Lunch, social time and presentation of member certificates from Noon until 12:10pm; program from 12:10 - 1:00pm

### **Location:**

VDOT Auditorium  
Via; 1401 East Broad Street  
Richmond, Virginia 23219

### **Lunch:**

Lunch menu (\$8) and ordering instructions are on the web site [www.asherichmond.org](http://www.asherichmond.org) via the "Next Meeting" link (ends 04/12/11).