



## Land Development **BREAKTHROUGHS** Best Practices Workshops



# PERVIOUS CONCRETE—A STORMWATER SOLUTION

## THIS WORKSHOP IS OFFERED IN SIX LOCATIONS

**October 25 – Indianapolis, IN**

**October 26 – Chicago, IL**

**November 2 – Portsmouth, NH**

**November 5 – Jersey City, NJ**

**November 16 – Jackson, MS**

**November 19 – Atlanta, GA**

## PURPOSE AND BACKGROUND

This program provides detailed instruction on how to implement pervious concrete pavements as a solution to reducing stormwater runoff from building sites and other paved areas.

Attendees will learn the details of pervious concrete pavement systems, engineering properties and construction techniques.

This course will help civil engineers, architects, and landscape architects develop details and write project specifications for pervious concrete pavement systems.



### Reduce Stormwater Runoff

Pervious concrete is a performance-engineered concrete with a 15-30% void system that allows rainwater to percolate through it. When pervious concrete is used for parking areas, streets, plazas and walkways it minimizes stormwater runoff to surrounding streams and lakes and allows for natural filtration to recharge local groundwater supplies.

**Environmental benefits** Although pervious concrete has been used in some areas for decades, recent interest in green building and recognition of pervious pavements by the U.S. EPA as a best practice for stormwater management has heightened interest in its use throughout North America. Its use supports national initiatives such as Cool Communities and Low Impact Development and provides a potential for credit in the LEED® rating system for sustainable building construction.

**Economic Benefits** Pervious concrete reduces the need for expensive stormwater drainage and wet pond retention systems, thereby allowing for more economical and beneficial land use.

## WHO SHOULD ATTEND?

This course is intended for civil engineers, architects, landscape architects, and public works officials and others who design pavements and stormwater management systems. Contractors, product suppliers and land developers will also benefit from this seminar.

## AGENDA (8:30 AM – 4:30 PM)

- Economic and Environmental Benefits
- Hydrological and Structural Design
- Specifications, Mix Design and Test Methods
- Construction Techniques
- Contractor Certification
- Durability and Maintenance
- Local Applications and Case Studies
- Installation Demonstration and/or Site Visit\*

\* Please bring a hard hat, goggles and safety vest to the seminar

## INSTRUCTORS

Two of the following instructors will be available to teach:

**Bruce K. Ferguson** Franklin Professor of Landscape Architecture, University of Georgia

**Heather J. Brown** Director and Assistant Professor, Concrete Industry Management, Middle Tennessee State University

**Lionel Lemay** Sr. Vice President, Technical Resources, National Ready Mixed Concrete Association

**Paul Tennis** Cement and Concrete Materials Consultant

**Erin Ashley** Director of Codes and Sustainability, National Ready Mixed Concrete Association

## PROFESSIONAL DEVELOPMENT HOURS

Architects and engineers earn 6 Professional Development Hours or HSW Learning Units upon completion of this program. This program also fulfills some of the requirements for NRMCA's STEPS™ Certified Concrete Professional program. Visit [www.nrmca.org/STEPS](http://www.nrmca.org/STEPS) for details.



Register online at

**[www.LDBreakthroughs.com](http://www.LDBreakthroughs.com)**

or use the attached registration form

**Presented by:**



**In Cooperation with:** Georgia Concrete & Products Association | Great Lakes Cement Promotion Association | Illinois Ready Mixed Concrete Association | Indiana Ready Mixed Concrete Association | Massachusetts Concrete & Aggregate Producers Association | Mississippi Concrete Industries Association | New Jersey Concrete & Aggregate Association | Northeast Cement Shippers Association | Northern New England Concrete Promotion Association | Southeast Cement Association

## REGISTRATION FORM

Complete and submit this registration form or register online at [www.LDBreakthroughs.com](http://www.LDBreakthroughs.com).

### CONTACT INFORMATION

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax \_\_\_\_\_  
Email \_\_\_\_\_

### SELECT LOCATION (8:30 AM – 4:30 PM)

#### ☐ **October 25 – Indianapolis, IN**

Indianapolis Marriott North  
3645 River Crossing Parkway  
Indianapolis, IN 46240  
(317) 705-0000

#### ☐ **October 26 – Chicago, IL**

Holiday Inn Chicago North Shore  
5300 West Touhy Ave  
Skokie, IL 60077  
(847) 679-8900

#### ☐ **November 2 – Portsmouth, NH**

Sheraton Portsmouth Harborside Hotel  
250 Market Street  
Portsmouth, NH 03801  
(603) 431-2300

#### ☐ **November 5 – Jersey City, NJ**

Hyatt Regency Jersey City on the Hudson  
2 Exchange Place  
Jersey City, NJ 07302  
(201) 469-1234

#### ☐ **November 16 – Jackson, MS**

Hinds Community College - Rankin Campus  
3805 Highway 80 East  
Pearl, MS 39208-4295  
(601) 932-5237

Nearby Hotel: Fairfield Inn  
407 Riverwind Drive, Pearl, MS 39208  
(601) 936-3434

#### ☐ **November 19 – Atlanta, GA**

The Loudermilk Center  
40 Courtland Street  
Atlanta, GA 30303  
(404) 507-1690

Nearby Hotel: Residence Inn Atlanta  
407 Riverwind Drive, Pearl, MS 39208  
(404) 522-0950

Presented by:



### REGISTRATION FEE (Lunch Included)

- ☐ \$245 early registration (more than 2 weeks in advance)
- ☐ \$295 late registration (less than 2 weeks in advance)

### PAYMENT METHOD

#### ☐ **Check or Money Order**

Mail registration form and check or money order payable to:  
Futurus Communications, Inc.  
ATTN: Pervious Concrete  
1670 Asbury Road  
Dubuque, IA 52001

#### ☐ **Credit Card**

☐ **VISA** ☐ **Master Card** ☐ **American Express**

Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

3-digit security code (on back of card) \_\_\_\_\_

Credit Card Billing Address \_\_\_\_\_

Name on Credit Card (print) \_\_\_\_\_

Signature \_\_\_\_\_

For credit card payment, mail of fax form to:

Futurus Communications, Inc.  
ATTN: Pervious Concrete  
275 E. 10th Street, Suite #200  
Dubuque, IA 52001  
Fax (360) 343-2341

### INQUIRIES

Julie Rima, JRima@futurus.biz, 888-388-8787, 563-690-2020

**Please Note:** There is no block of sleeping rooms for these workshops. The sponsors reserve the right to cancel the workshop. If that should happen, registrants will be notified by fax or e-mail within 2 weeks of each seminar. The entire registration fee will be refunded but not airline tickets, hotel reservation fees, or other travel-related expenses. Cancellation Policy: Cancellations must be made in writing and submitted to Futurus Communications, Inc. via mail, fax, or email. Cancellation requests received before 30 or more days prior to the event start date will receive a full refund, less a \$100 cancellation fee. Cancellation requests received between 21 and 30 days prior to the event start date will receive a refund of their registration fee, less a 50% cancellation fee. Cancellation requests received 21 days or less prior to the event start date cannot be refunded. Registration fees may be transferred to another individual at any time, as designated by the original registrant or a credit totaling the registration fee can be held in the name of the registrant for a future Land Development Breakthroughs workshop or conference scheduled within 2 years. A new registration form with the new attendee's and/or event information must be completed.

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