

PROGRAM SCHEDULE

The demonstration will take place in Parking Lot D on the campus of Cleveland State University, on Wednesday, August 24, 2005.

The area to be paved with pervious concrete is part of an existing automobile parking lot for the students and faculty on this urban college campus.

- 8:30 AM Sign-in and coffee with exhibitors
- 9:00 AM Welcome & Introductions
- 9:15 PowerPoint presentation: *Pervious Concrete, the Right Choice for Stormwater Control and Green Building*, by Don Wade, Magruder Construction Co., Inc.
- 10:15 Paving with *Pervious Concrete*
- 11:30 PM Adjourn

ABOUT THE SPEAKER

Don Wade is a marketing and sales professional for Magruder Construction Co. Inc., of Sanford Florida. Wade has over 25 years experience in the marketing and construction of pervious pavements. He is a founder and active member of the American Concrete Institute's (ACI) Committee 522 *Pervious Concrete*. As a consultant to the National Ready Mixed Concrete Association, Wade has authored the training manual for national certification of pervious concrete installers.



Magruder Construction Co. Inc. is a multifaceted heavy-civil construction company, headquartered in Eolia, Missouri. Their Pervious Concrete Division, based in Sanford, Florida, (Orlando area), performs pervious concrete pavement construction throughout the U.S.

MAP/DIRECTIONS



From the South (I-77) - Follow I-77 north to the East 22nd/East 14th Street exit (#162B) to East 22nd Street. Turn left onto East 22nd Street; drive several blocks to Prospect Avenue and turn right. Continue on Prospect and watch for Parking Lot D on your left.

From the South (I-71) - Follow I-71 north to the East 22nd Street exit (#172B). Turn left onto East 22nd Street; drive several blocks to Prospect Avenue and turn right. Continue on Prospect and watch for Parking Lot D on your left.

From the East - Follow I-90 west to the Prospect Avenue exit (#173A). Turn right onto Prospect Avenue and right into Parking Lot D.

From the West (I-90) - Follow I-90 east to the East 22nd Street exit (#172C). Turn left onto East 22nd Street; drive several blocks to Prospect Avenue, and turn right. Continue on Prospect Avenue and watch for Parking Lot D on your left.

For an interactive map, and nearby hotel information, visit www.csuohio.edu/visitors/directions.html

COMPLIMENTARY REGISTRATION

COPY AS NEEDED

- I accept your invitation to attend the Demo.
- I cannot attend. However, I am interested in more information on *pervious concrete*.

Name _____

Company _____

Address _____

City _____

State _____

Zip _____

County _____

Phone _____

FAX _____

E-Mail _____

There is no charge to attend, but you must be pre-registered. **Please R.S.V.P before August 19, 2005 to:**



Ohio Ready Mixed Concrete Association
 P.O. Box 29190, Columbus, Ohio 43229-0190
 614/891-0210 FAX 614/891-2675
 E-mail: ormca@ohiconcrete.org
www.ohioconcrete.org

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YOU'RE INVITED TO ATTEND OUR DEMONSTRATION OF **PERVIOUS CONCRETE CONSTRUCTION**



PRESENTED BY:

CLEVELAND STATE UNIVERSITY THROUGH:

- THE OFFICE OF THE UNIVERSITY ARCHITECT
- THE DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING
- THE CENTER FOR ENVIRONMENTAL SCIENCE TECHNOLOGY AND POLICY
- THE GREEN BUILDING DESIGN PROJECT AND
- THE CUYAHOGA SUSTAINABILITY NETWORK

AS WELL AS:

THE NORTHEAST OHIO CONCRETE
PROMOTION COUNCIL AND THE
OHIO READY MIXED CONCRETE ASSOCIATION

Pervious concrete takes its name from the open-pored (pervious) structure of the hardened material. It's an innovative material whose time has arrived. *Pervious concrete* holds promise of aiding builders and developers in their stormwater control and energy conservation.

In 2001, the American Concrete Institute (ACI) formed ACI Committee 522, charged with the responsibility of drafting a report for use in development of guidelines for designing, specifying and constructing with *pervious concrete*. A guide for mix proportioning of *pervious concrete* is provided in ACI 211.3R-02, Appendix 6.

Pervious concrete has the same basic ingredients as conventional concrete: cement, water, and coarse aggregates, such as gravel or crushed stone, but little or no sand. It's placed with conventional concrete paving equipment, then slightly compacted with rollers. Shortly after rolling, the *pervious concrete* is covered with plastic sheeting to preserve its internal moisture for hydration (hardening) of the cement in the mix. Like any other concrete mix, *pervious concrete* can be colored.

Unlike conventional concrete, the mix is not fluid but is rather stiff during placement to enable compaction by light rolling. *Pervious concrete* pavement may be constructed with or without joints. It requires forms but not much finishing. It is not designed with dowels or steel reinforcing.

These characteristics help make *pervious concrete* pavement another practicable and effective concrete design tool for engineers, architects, landscape architects and other environmentally conscious specifiers of private or public infrastructure. *Pervious concrete* reduces heat build-up with its light reflecting color and open texture, while also providing an effective post-construction best management practice for stormwater control.

Ohio Ready Mixed
Concrete Association
PO Box 29190
Columbus OH 43229-0190



**"A DIFFERENT KIND
OF PAVEMENT"**

Response Deadline
August 19, 2005

YOU'LL SEE A DIFFERENT KIND OF PAVEMENT:

- COOLS THE COMMUNITY
- SAVES REAL ESTATE, REPLINISHES GROUND WATER
- NO PUDDLES, NO SPLASHING
- NO RUTTING, NO POT HOLES
- UNIQUE MIX, UNIQUE CONSTRUCTION