

## Focus on Pervious Concrete 1st Annual Concrete Technology Forum

May 24-25, 2006  
Nashville, TN

Organizational Partners include:

- American Concrete Institute
- American Concrete Pavement Association
- American Society of Concrete Contractors
- Construction Institute of ASCE
- Middle Tennessee State University

- Portland Cement Association
- Southeast Cement Association
- Tennessee Concrete Association

The symposium is designed for researchers and practitioners to exchange ideas, knowledge and tools to build the future of concrete construction.

The recent resurgence of pervious across the United States has been spurred on

by the interest in green building options and the EPA's changes to storm water regulations.

Topics will include:

- Hydrological & Environmental Design
- Structural & Site Design
- Specifications, Mix Designs & Test Methods
- Construction Techniques
- Durability & Maintenance
- Applications & Case Studies

Source: NRMCA



To register for the forum go to:  
<http://www.concretetechnologyforum.org/registration.htm>

## Basement from Hell, 2nd Place Louisburg Foundation of Bucyrus, KS

The Concrete Foundations Association (CFA) announces the top three winners for the 2006 Basement of the Year competition.

This year's second-place winner is the Briarcliff West project located in Kansas City, MO., and submitted by Louisburg Foundation of Bucyrus, KS. The Briarcliff West basement has 998 total linear feet and includes

316 total yards of concrete, 118 yards of footings that contain 7 tons of steel, with another 14 tons of steel in the walls. 15 different wall heights ranging from 2 to 21 feet and six different wall thicknesses ranging from eight to 18 inches thick are represented on this project. The overall complexity of the project involved limited access to the site, because trees are as close

as three feet from walls on all sides. The end walls have #4 bars on one-foot centers each way. Additional details include 26 total footing steps, 220 feet of 5-foot-wide footings, 70 feet of nine-foot, six-inch-wide footings, and all other footings measure 20 to 30 inches wide to 10 to 16 inches deep.

Source: Concrete Foundation Association (CFA)



Briarcliff West, MO  
2nd Place "Basement from Hell"

## Standard Guidelines for the Collection of Depiction of Existing Subsurface Utility Data

Until fairly recently there has been no standard for utility mapping or for developing a scope of work between the engineer and project owner regarding utilities. Misinformation has cost cities, counties and "owners" millions.

The American Society

for Civil Engineers (ASCE) in 1996 began developing a standard that would address how data on existing underground utilities should be collected and depicted on design and construction documents.

ASCE 38-02 Standard is becoming a fact of life

for design engineers in many states. 10 state DOT's reference the standard and other states are getting ready to do so. AASHTO, FHWA, FAA and the Common Ground Alliance tout it as a "best practice".

Source: ASCE



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