

SCOTT SYSTEM

INFORMER

THE ART OF CONCRETE TEXTURES

Optimistic Outlook for 2005 Wall Construction

Spurred by the predictions of a strong construction market, opportunities abound for wall construction projects in 2005. McGraw-Hill Construction, the U.S. Department of Commerce, and the Portland Cement Association have projected nonresidential construction to improve by varying degrees in the next 6-12 months. Highway construction is also expected to rise due to federal funding increases.

Although the rising costs of steel, cement and petroleum could lower the overall growth level in 2005, several sectors of the building market are expected to experience a positive upswing, including industrial, public and other nonresidential construction.

In addition to opportunities for commercial projects, this year's forecast is a good sign for those of us in the business of building walls: Highway walls, retaining walls, pedestrian walls, residential neighborhood walls and more. And what better substance is there for building walls than concrete? It's a malleable, structural building material that allows for creative and functional design.

With infinite decorative finishes and a variety of building methods available, architects have a lot of design freedom with concrete. Walls can be built out of precast, poured-in-place or tilt-up concrete. Each construction method has its advantages depending on the scope of the project and the job site conditions. A multitude of decorative finishes can be incorporated to enhance the appearance of the walls including formliner textures, brick-embedded concrete and the addition of pigments or other items like metal, glass and tile.

Continued on page 3...

Brick Snap®

The best brick inlay system for precast and site-cast concrete.

Flex-Liner™

Unique and unlimited textures for architectural concrete.

**News from
Scott System, Inc.**

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Front Street Flyover in Castle Rock, CO features a custom, rugged stone texture.



Poured-in-place concrete wall is adorned with Rough Brick and Ashlar Stone patterns on this residential community wall in Arvada, CO

FORMLINER FORUM

■ ■ ■ www.scottsystem.com ■ ■ ■

In the Spotlight:



The Reinforced Earth Company

Headquartered in Vienna, VA, The Reinforced Earth Company (a.k.a. "RECO") is an innovative design and supply firm of MSE* wall systems and other stabilization methods for transportation structures. RECO is a recognized market leader in the MSE retaining wall industry having erected more than 150 million square feet of retaining walls along U.S. Highways since it's founding in 1968.

RECO and Scott System have worked together on many projects over the years. Most recently, Scott System has partnered with RECO to create custom formliners for the Front Street Flyover in Castle Rock, CO. According to Paul

Hollis, RECO's Central Regional Manager, "This project presented the unique challenge of replicating the native rock formations and geology of the Castle Rock area. In order to achieve the desired randomness of texture with our modular MSE wall system, it was necessary to provide three separate architectural patterns which were then rotated 180-degrees to create six separate architectural panels. These six patterns were then distributed randomly throughout the MSE walls. As always, Scott System, Inc. worked closely with both the Owner and RECO to develop the liner patterns within very tight schedule restraints."

RECO and Scott System's latest venture is the Big T section of the Antelope Valley Revitalization project in

Lincoln, Nebraska. Designed by landscape architect, Mary Anne M. Wells of Olsson Associates, the Big T portion consists of 1.2 miles of new roadway, new bridges and flood control barriers. RECO will install some of the largest and most intricate MSE walls ever constructed in the City of Lincoln, extending just over a mile and reaching heights up to 43 feet. Big T features custom-sculpted patterns of native foliage and fossils combined with unique stone textures. Scott System's sculpture department, headed up by Mark Yarbrough, is creating the various patterns that will make up the 23 different wall panels for Big T. (Watch for more

information on the Big T and the Antelope Valley project on Scott System's website as well as a future issue of the *INFORMER*.) For more information on RECO, visit www.reinforcedearth.com.

**MSE — "Mechanically Stabilized Earth". A precast wall system that utilizes concrete panels (usually in 5' x 10', 5' x 5' or cruciform shapes) with mesh or steel strap connections that are tied into the soil and backfilled with earth to form a retaining wall. MSE walls are common on bridge and overpass construction applications.*



A



B



C

A: Cross-Town Interchange in Corpus Christi, Texas displays indigenous fish and Ashlar Stone.

B: Front Street Flyover, Castle Rock, CO. Consulting Engineer: Felsburgh, Holt & Ullevig, General Contractor: SEMA Construction, MSE Wall Contractor: Slaton Bros, Inc. RECO Project Manager: Bill Garcia.

C: An *Inoceramus Labiatus* fossil is combined with a rock pattern in this 5' x 5' formliner for the Big T Antelope Valley project in Nebraska.

ANOTHER BRICK IN THE WALL...

■ ■ ■ www.bricksnap.com ■ ■ ■

Optimistic Outlook...

Continued from page 1...

In this issue of the *INFORMER*, we hope to inspire your creative vision by showcasing a few wall projects that have utilized a variety of surface treatments.



Tile can be incorporated along with formliner textures to enhance the wall finish as featured on the Pima Freeway in Scottsdale, AZ. Artist: Carolyn Braaksma, Denver

This pedestrian wall in Colorado Springs, CO features precast embedded brick columns and green marble along with a horizontal texture.



Native foliage and wildlife murals designed by Bay Area artist, Linda Patterson, are spectacular along the trail corridor in Santa Clara, CA.



This residential wall utilized vertically poured-in-place concrete and Scott's RIM SNAPS™ to integrally-cast thin brick into the façade. Cornerstone Foundations and Jessup Construction, Harrisonburg, VA.

TCA Award Winners use Brick Snaps®

Congratulations to **Meyer Brothers** (a Con/Steel member) of Lee's Summit, MO and **Seretta Construction** of Apopka, FL on the honors they recently received from the Tilt-Up Association for their respective projects. The Tilt-Up Association recognized a number of site-cast projects at the recent World of Concrete Convention for their unique designs, applications and notability. The Meyer Brothers' and Seretta projects won for achievement in the Office Building category. Each structure featured brick-embedded concrete achieved with Brick Snaps®. Visit www.tilt-up.org to view all of this year's award winners.



Bright House Networks needed a new space FAST. In only 70 days, the exterior shell was in place. The 166,000 square foot structure was finished and occupied in 12 months. Construction by Seretta Construction, Apopka, FL. Engineer: Steven Schaefer & Associates, Cincinnati, OH.

Business Exchange is a 50,000 square foot, Class A office building in Lee's Summit, MO. Construction by Meyer Brothers, Lee's Summit, MO and Con/Steel Tilt-Up Systems, Dayton, OH.



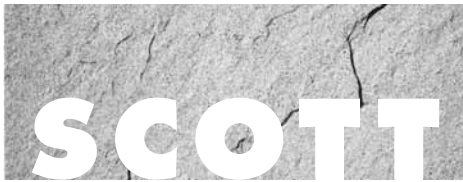
What We "NO" about Brick-Embedded Concrete

This core sample clearly demonstrates the permanent bond between thin brick and concrete.

- NO Mortar
- NO Lintels
- NO Flashing
- NO Freeze/Thaw Problems
- NO Air Space
- NO Dovetail Anchors
- NO Waterproofing
- NO Mold
- NO Weep Joints
- NO Brick Ledge
- NO Efflorescence

Call us for new literature on the RIM SNAP® brick-inlay system featuring the legendary core sample and key cost-saving points noted here. This is a great piece to help you sell the benefits of brick-embedded concrete!





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the art of concrete textures

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2005 Wall Construction**



**TCA Award Winners Use
Brick Snaps®**



**In the Spotlight:
The Reinforced Earth Company**



New Catalogs Available

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INFORMER

**News from
Scott System, Inc.**

New Literature and Texture Catalog is Available!



Nearly 100 patterns are featured along with cross section drawings in our brand new catalog. In addition to our Texture Catalog, we also have a new color brochure featuring outstanding project photos and a descriptive overview of all of Scott System's products for architectural concrete.

Call us or send an email to danas@scottsystem.com for a complete packet including a CD, specifications, testing data, and samples. And check out our website for the most up-to-date information at www.scottsystem.com.