

**SCOTT**  
SYSTEM

# INFORMER

THE ART OF CONCRETE TEXTURES

FALL 2016



Project artist, Carolyn Braaksma (right) talks with Charlotte Area Transit System's Art-in-Transit Program Administrator, Kati Stegall, about the flora and fauna graphic depictions in the 5' x 10' MSE panels.

## CATCH THESE DESIGNS

*on Charlotte's LYNX Blue Line Extension*



Scott System's elastomeric form liners are attached to large concrete forms used to pour the retaining walls approaching the tunnel.



With two courses yet to be added at the top, this MSE wall will stand about 50 feet tall once complete. Scott elastomeric form liners were reused to create all of the artistic panels.

Thanks to creative vision and Scott's form liner system, the "art of concrete textures" is beautifully revealed on the LYNX Blue Line Extension.

The LYNX Blue Line was the first rail line of the Charlotte Area Transit System (CATS). Opening in 2007, the 9.6-mile LYNX Blue Line connects Uptown Charlotte to South Charlotte with 15 stations servicing over 15,000 passenger trips per weekday.

In 2007 preliminary engineering was underway to expand the Blue Line by adding 9.3 miles to the route and 11 more stations. The Blue Line Extension (BLE) also called for the addition of artistic elements to the infrastructure. Fourteen artists were selected to integrate art into the BLE, including Carolyn Braaksma of Denver, CO.

Braaksma, who has worked with Scott System on numerous large-scale public art projects during her 20-year career, was commissioned to design details for the bridges and retaining walls. She hand-carved 17 designs in clay inspired by native flowers and plants like Venus flytraps and sundews. The sculpted prototypes became the master molds used by Scott to produce the pieces ranging in size from 5' x 5' to 20' x 20' with reliefs between one to three inches deep.

The concrete panels for the massive MSE walls can be easily rotated and rearranged to create an array of geometric patterns, adding more function and economy to the artful design.

another

# brick in the wall

## TILT-UP AND BRICK BRANTNER ELEMENTARY EXPANSION

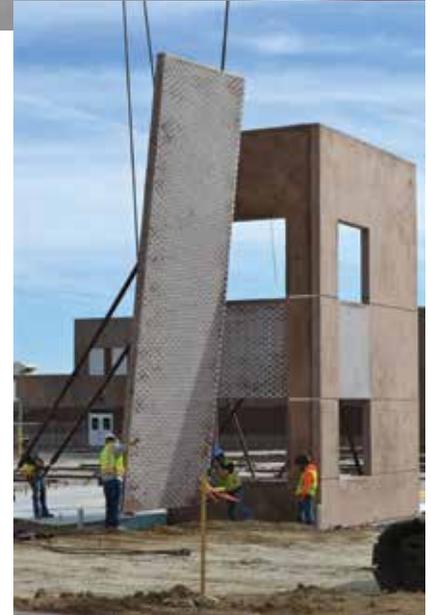


Tilt-up contractor Saunders Construction of Centennial, CO recently added a 27,886 square-foot expansion to Brantner Elementary School. Saunders built the original tilt-up structure in 2012, designed by Larson-Incitti Architects of Denver. The recent addition was completed in six months, just in time for the start of fall classes.

The school features 30-foot tall concrete panels with integrally cast thin brick. Scott

System supplied the Brick Snap™ System (interlocking plastic templates with thin brick) that made the addition of brick an economical and beautiful choice.

The \$6.6 million school addition is comprised of 16 tilt-up concrete panels of varying width and weighing up to 80,000 pounds. Thanks to the addition, Brantner is able to accommodate up to 800 students.



Placing tilt-up panel before Brick Snaps are removed.

## RIM SNAPS USED ON MAYOR WILLIAM "BILL" SANDBERG MEMORIAL BRIDGE

When a bridge is named after you it means you were pretty important. The popular late Mayor William "Bill" Sandberg of North St. Paul, Minnesota served a lengthy tenure of 31 years and was known as a problem solver who could get people to think outside the box. The beautiful brick and concrete bridge that bears his name is a symbolic tribute to his ability to connect with residents of his city.



The William "Bill" Sandberg Memorial Bridge is located where Margaret Street crosses Highway 36 in North St. Paul, Minnesota.



Photo courtesy of: Karlson Forming Specialties, Amery, WI

Scott System is honored to have provided North St. Paul with our unique Rim Snap System. This process allowed the Memorial Bridge to be constructed vertically using Rim Snaps to hold the thin brick in the form while the concrete was poured.

Rim Snaps are an original invention of Scott System and we think Mayor Sandberg would approve of this highly innovative and efficient way to construct a vertical concrete wall with a real brick façade. Talk about thinking outside the box!



Concrete decking was stained to resemble real wood.

### \$4.7 MILLION RENOVATED BOARDWALK OPENS IN FEDERAL WAY, WA

A November 2014 storm ruined the Redondo boardwalk in Des Moines, WA and a brand new passageway opened this fall. The boardwalk decking is made of precast concrete using one of Scott System's wood texture form liners. Tom Young of Scott System coordinated with Doug Meyers of EnCon of Washington on this highly visible project.

Since this isn't the first time the walkway has been damaged, the concrete decking panels have been designed to withstand high wave pressure from Northwest storms.



# SYMBOLIC NATIVE DESIGN *Adorns* TULALIP, WA INTERCHANGE

Scott System made the elastomeric form liners for the decorative sound walls on a major highway renovation project underway on I-5 in Washington, just north of Seattle. The \$70 million improvement includes a new interchange at 116th Street, plus ramp and bridge widening and the addition of bike lanes, sidewalks, and HOV bypasses.

The I-5/116th Street NE Interchange runs through the Tulalip (/tu:'leilip/) Reservation and the City of Marysville. The Tulalip Tribes partnered with WSDOT, the City of Marysville and other federal and community entities to design original artwork for the project and incorporate native artistry onto the highway walls.

Tulalip Tribe's lead carvers, Joe Gobin and James Madison, were enlisted to create the art component of the I-5/116th Street project. Alaskan cedar served as their medium to carve orca whale motifs, a prominent tribal emblem. Native legends and oral history passed down through the generations were sculpted to depict the respected interconnected relationship between the killer whales and the coastal tribes.

The orca carvings were enhanced by the addition of background murals sculpted in clay at Scott System's plant. Gobin, Madison, and Tulalip Tribes project manager, Debbie Bray worked closely with Scott System's graphic art team to make the original clay molds showing evergreen trees and water ripples combined with the orca carvings to make the panels come alive for visitors.



# Big Fish ON FOUNTAIN CREEK WALLS



THK's artistic renderings were used to sculpt the four 5'x10' clay master molds.

The Cimarron Street interchange (Highway 24) on I-25 serves as the gateway to downtown Colorado Springs and the Garden of the Gods National Landmark. A re-design of this area is currently under construction by Edward Kramer & Sons.

The local community expressed a desire for this passage to have artistic elements and to blend in with previous corridor work.

THK Associates of Aurora, CO facilitated the design process with CDOT, Scott System, and the public. The resulting bridge abutments that flank Fountain Creek and the adjacent pedestrian trail make a splashy statement!

THK architects and Scott System's lead sculptor, Sead Telalovic, worked together to design the massive aquatic-theme molds. Telalovic sculpted four 5'x10' sized clay panels depicting abstract trout, plants, water ripples, and a variety of textures to adorn the abutment walls.

Scott's project manager, Mario Gutierrez, said THK's sketches were both creative and achievable. "Sead and our staff were able to refine and sculpt the large-scale molds to meet the vision of the aesthetics committee."



# SCOTT

# SYSTEM

the art of concrete textures

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## the inside story...

- Dramatic Floral Motif on LYNX Blue Line Extension
- Poured-in-place Bridge and Tilt-Up School with Embedded Brick
- Tribal Artistry Adorns Washington's I-5
- Abstract Aquatic Design near Garden of the Gods

page

## 2016 TILT-UP CONCRETE ASSOCIATION CONVENTION AND EXPO IN DENVER

The Tilt-Up Concrete Association held its 2016 annual convention and expo in the beautiful Mile High City this past October. The trade show was well attended by contractors and suppliers from all across the country. Over 34 exhibitors showed their products during the three days of educational and technical sessions. Next year the convention will be held in Miami – see you there!

Scott System General Manager, Mario Gutierrez, talks with owners Mo and Buck Scott, and Sales and Office Manager, Merrie Galluzzo at the 2016 TCA Expo in Denver, CO.



## UPCOMING TRADE SHOWS:



March 2-4, 2017  
Cleveland, OH



July 20-22, 2017  
Nashville, TN



September 28-30, 2017  
Miami, FL