

Foresight Newsletter

Building Envelope Solutions with a Common Sense Approach

Roof Systems

Parking Lots

Rooftop HVAC

Building Facades

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Center for Environmental Innovation in Roofing

awards “**Excellence in Design - Overall Innovation**” to National Great Rivers Research & Education Center green roof design and construction project.

Foresight is extremely pleased to have been selected as the roof consultant for this unique green construction endeavor, joining the project team of AAIC (project architects), River City Construction (general contractor) and Roofing Services & Solutions (roofing contractor).

Our goal in designing this project was to take the creative vision developed by AAIC for a totally vegetative green roof and observation deck, and translate it into working documents that outlined systems, details, procedures, and materials that provide a functional, aesthetically pleasing, and warrantable roof system.



The sloped walkway leads to the observation deck and appears to be part of the natural hillside.



A 5,000 sq' observation deck overlooks the Mississippi River, Melvin Price Locks and Dam, and Clark Bridge.



Over 20 photo tubes were installed in the roof to bring natural light into the building interior.



Dr. Dale Chapman, LCCC Dr. Jim Hoff, CEIR; and Wayne Korte, Foresight Services - October 27, 2010 Presentation

The field station, owned by Lewis & Clark Community College, in cooperation with the University of Illinois and the Illinois Natural History Survey, is located on the banks of the Mississippi River near the Melvin Price Loc and Dam at Alton, IL. The facility is a tremendous showcase of environmentally friendly design and construction features and is pursuing a Platinum Leadership in Energy and Environmental Design (LEED) certification. More information about the center, now open to the public, is available at www.ngrrec.org.

Featured Projects



Lebanon, TN



Edwardsville, IL



Texarkana, TX



Jefferson City, MO

Foresight was involved in numerous façade renovations in 2010, many that involved recurring water infiltration issues. These kinds of problems require in-depth analysis and a substantial amount of problem solving skills, including AAMA water testing, use of wall bore scopes and infrared thermography, temperature and humidity data logging, destructive testing, review of architectural drawings, as-built records and project history, a lot of patience and a little luck.

The causes are many; improperly installed wall or window flashings, coatings, deteriorated caulking, and residual effects of the construction or renovation process. After developing a repair scope of work, finding qualified contractors, and managing the public or private bid process, construction was monitored to insure the problems were resolved properly. Let us know if you need a Foresight Project Manager to help with your building façade issues.

Breese, IL



Belleville, IL



Welcome New Clients

AMC Theatres

3 IL theatres

Carnahan, Evans Cantwell & Brown, PC

Springfield, MO

Carter - Haston Real Estate

Maitland, FL

Centro Properties

Manchester, TN

Chaminade College Prep School

St. Louis, MO

GAB Robins

Little Rock, AR

Huxco Construction

St. Charles, MO

JWJ Construction Services

St. Louis, MO

Kettle River Furniture

Edwardsville, IL

Lighthouse Architects

Belleville, IL

M & I Bank

St. Louis, MO

Morrissey Construction

Monmouth, IL

PBG Builders

Nashville, TN and Houston, TX

Ryder Logistics / SUPERVALU

5 locations - MI, WI, and IL

Saints Peter & Paul Church

Collinsville, IL

Smith Management Group

St. Louis, MO

SSOE, Inc.

Brentwood, TN

T.W. Frierson Contractors

Nashville, TN

What's Happening @ Formation Architects

introducing Craig A. Tyler, AIA, CSI, CDT, LEED-AP BD+C



- Licensed architect in IL, IN, MO, MS, TN and FL (pending)
- NCARB certified
- LEED Accredited Professional BD+C
- Member Construction Specifications Institute
- Member USGBC Missouri Gateway Chapter
- Bachelor and Master of Architecture Degrees

Formation Architects is an in-house architectural firm; and has recently added a new employee. In November, Craig Tyler joined the firm and brings 15+ years experience to the company, providing clients with full architectural design services, forensic investigations, renovations, roof replacement, new construction, and additions. Craig's extensive project resume includes many commercial, educational, retail, office, health-care, hospitality, industrial, multi-family, municipal, recreational, and residential projects.

Craig is available to assist Foresight clients with their architectural design projects, from any office location - St. Louis MO, Highland IL, and Goodlettsville TN. Contact info for Craig is - phone: 314.719.6041 or email: craig.tyler@formationai.com

facebook

[Facebook.com/ForesightServices,Inc.](https://www.facebook.com/ForesightServices,Inc.)

Check it out !!! You can "like" us, view lots of photos, see your favorite Project Manager in action, or just catch up with what's new in the world of Foresight.



Send us your comments, links, posts, and topics of interest. We love to stay in touch with all our clients, contractors, and fellow Facebookers.

Product Update

Why is it important to get an independent expert to provide assistance when using an established product?

Vehicular deck coatings have been around for decades but can still be prone to poor performance when not specified or installed properly. There are many different products and additive options, and a variety of processes that should all be considered. Foresight's Project Manager; Rich Branson performed a variety of services as the owners rep on this downtown St. Louis, MO project;

- Determined existing conditions, future use, requested aesthetic and service life of the lot.
- Provided unbiased product recommendations including leveling system and finish techniques, with options and budget estimates.
- Determined proper deck treatment prior to installation, including the potential removal of existing deck layers.
- Designed ADA compliant striping and parking lay out, including signs and entryways.
- Project management, including scheduling of work for optimal results.
- Monitored the project prep work, testing, installation, and final punch list inspection and report.
- Contract management, obtaining permits and lien waivers from contractors, and warranty documentation.



Concrete Deck Renovation

4th level above ground decks
Protective waterproofing coating
membrane installation



Foresight Services, Inc.

208 Pine Street
Highland, IL 62249

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not a roof problem?

by: Jason Holtman, Project Manager

When is a roof leak

Nuisance leaks are often caused by other building components, but because the water comes in from the general direction of the roof, the roof gets a bad rap.

Recently a Foresight client initiated a project to re-roof an entrance canopy with recurring nuisance leaks. After our investigation found the roof system to be aged but in good condition, we checked the other building components to determine the source of the leaks. After troubleshooting the system, a leak in the drain pipe was found. A new roof would not have stopped the nuisance leaks.

Foresight Project Managers are trained to consider all possible sources for nuisance leaks, including these:

- Roof drain plumbing
- Rooftop HVAC equipment
- Condensation on ceiling duct work
- Clogged condensation drip lines
- Failing brick / CMU wall systems
- Blowing rains entering vent openings



Condensation on ductwork



Leaking plumbing pipe below roof drain



Improperly flashed rooftop ventilator



Deteriorated masonry wall