

# STRUCTURAL NEWS

## Fall 2020

Photo by Jon Tyson  
on Unsplash

**Welcome** to the Fall edition of Structural News! It's been some time since we have put out a newsletter and since we cannot meet in person due to the covid, we decided that reaching out in this way would help keep us engaged with our clients and friends.

There have been changes here at R. O. Youker since our last newsletter. Robin Fowler is our newest addition as a Drafting Technician! Robin came to us as a Drafting Technician Intern in September, 2019 and began full time in January, 2020.

This issue touches on RediCor, which is a modular steel form system by Vulcraft.

### RediCor

We teamed up with Sinclair Hille Architects and Beckenhauer Construction on the new Midwest Bank Corporate Headquarters and administrative office building located in Norfolk, Nebraska at the southwest corner of Highway 275 & 25th Street. The bank is currently under construction and will be a 3-story structure above grade level of approximately 40,000 gross square feet (gsf).

Due to being a multi-level building, an elevator needed to be installed for ADA compliance. RediCor was chosen as the core for the elevator shaft.

RediCor is a factory-built, ready-to-set modular steel form system that is ready for concrete once installed onsite. The system was provided by Nucor. This project was the first time RediCor has been used in the state of Nebraska, and as of this writing, remains the only installation in the state.

The modules stack like building blocks. They utilize an adjustable nut and bolt system that ensures the first module is level before stacking other modules and placing concrete.

Modules can also have pre-installed connections for framing, and are compatible with steel, concrete and wood. The modules are structurally equivalent to traditional CIP concrete walls. Collaboration with Nucor during design was paramount.

R. O. Youker worked closely with Nucor's engineers to review details where RediCor mated with adjacent materials to ensure ease of installation of the shaft and supported members.

RediCor's innovative approach incorporates a high level of quality and efficiency. If you have any questions about working with RediCor for your projects, feel free to give us a call!

As always, your questions and comments are welcome. Do not hesitate to contact me via phone or email: [mike@royouker.com](mailto:mike@royouker.com)

*Mike*

### What's Happening

#### **Morton Elementary School Addition & Renovation**

*CMBA Architects*

Renovations of an approx. 35,000 square foot two-story existing school building and an addition of approximately 2,000 square feet to infill an existing courtyard.

#### **LPS Park Middle School IAQ**

*Engineering Technologies, Inc.*

A complete renovation of the existing HVAC system to utilize geothermal heating and cooling. Three small additions will be built to accommodate additional heat pumps and to facilitate routing of new mechanicals. An approximately 4,000ft<sup>2</sup> cafeteria addition will also be built to provide extra dining space for students.

#### **Union Bank Remodel 48<sup>th</sup> & Calvert**

*Sinclair Hille Architects*

Renovation of the original 5,500 sf single-story, slab on grade building and the 1985 three-story addition with a basement that is approximately 5,600 sf per floor.

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