

Precast concrete structures are inherently resilient and provide excellent protection against high winds from tornados and hurricanes, storm surge, and flying debris. Precast concrete is often used in FEMA shelters, residential, institutional, public, government, commercial, industrial, and other structures providing protection, durability, and resiliency.

Precast concrete structures and architectural panels provide significant benefits in meeting wind-resistance requirements. A calculation for determining proper wind loads for precast concrete structures can be found in the "PCI Design Handbook" (MNL-120) available for purchase on the PCI Online Bookstore.

Impact testing of precast insulated sandwich wall panels show that precast concrete provides significantly more protection against flying debris, which often becomes projectiles or missiles during a tornado or hurricane than other building materials, such as wood, steel, brick and vinyl siding. Tests were conducted by the

Precast/Prestressed Concrete Institute (PCI) and the Portland Cement Association (PCA) on various wall assemblies with the impact of a 2x4 wood stud traveling at 100 mph, the equivalent of wind-borne debris during a tornado or hurricane with 250 mph winds. Of all materials tested, only the precast concrete design stopped the debris

from penetrating the wall, demonstrating the resiliency of precast concrete.

Precast concrete can also thwart storm water surges. Storm water carries loose debris that can act as a battering ram against a building. Precast concrete

structures are much more capable of resisting these forces compared to other forms of construction. Scour, which results from water surging beneath a slab on grade or elevated second floor level, can be prevented by using precast concrete

pilings or columns to create a stable soil foundation or elevated structure over a first-level garage. In addition, concrete is not susceptible to water damage. In flood-impacted areas, precast concrete structures are often salvageable.



Wind-borne debris penetrated this wood-framed home in Des Moines, IA.

WEBINAR

STORM SHELTERS & SAFE ROOMS

RESILIENT STRUCTURES, SUSTAINABLE COMMUNITIES

JUNE 12, 2024

@ NOON CDT



SUSTAINABLE STRUCTURES
WEBINAR SERIES

AIA Approved Continuing Education

○ ○ ○ ○

COST: FREE

CREDITS: 1 AIA CES LU/HSW or 1 PDH

PRESENTERS: Pataya Scott, PhD (FEMA), Daniel Dain, AIA, LEED AP BD+C, NSSA AP (Huckabee), and Glenn Overcash, PE (AECOM / FEMA Contractor)

REGISTER: <https://cvent.me/MZwgXg>

The presentation will provide background on safe rooms and storm shelters as well as their performance objective, current design references, and where they are required in the IBC and IEBC. We will explore how design and construction criteria for safe rooms and storm shelters result in resilience to tornadoes and hurricanes and provide enhanced sustainability for communities. Precast and cast in place examples will be shared.



Scott



Dain



Overcash

Lake Elmo City Center



The City of Lake Elmo, MN, created a city center to accommodate the town's growing population and subsequent needs. The goal of the city center was to bring various functions under one roof, necessitating a larger and more consolidated space. The new facility includes two additions on either side of an existing structure located across the street from the original city hall. The new structure doubled the size of the city

hall to over 9,000 square feet and includes a new centralized 22,000 square foot fire station. One notable feature is the inclusion of an ICC 500 storm shelter within the facility, addressing safety concerns for the community.

The project incorporated design elements to seamlessly blend the new additions with the existing structure. The exterior facade is meant to emulate Shou Sugi Ban – a Japanese process of charring wood for a unique aesthetic. Wells used a custom formliner and worked tirelessly to perfect a black concrete mix, supporting the design team's desired aesthetic.

The choice of prefabrication played a crucial role. The general contractor was looking for a cost-effective and fast building method, and precast concrete met the requirements. Additionally, double tees were used for the roof of the fire station to accommodate large

open spans in the bay, and the only structural columns needed for the design frame the garage doors, supporting the architectural element of large wooden panel returns over the doors. The precast concrete components also addressed specific design requirements, such as accommodating an overhead training rail with large openings and providing durability for the fire station use.

Architect: **LEO A DALY**
Engineer: **Meyer | Borgman | Johnson**
Contractor: **H+U Construction**
Owner: **City of Lake Elmo**
Precaster: **Wells**
Precast Specialty Engineer: **Wells**
PCI Certified Erector: **Wells**
Other: **Molin Concrete Products**
Location: **Lake Elmo, MN**
Year of Completion: **2023**


www.wellsconcrete.com



V3 Center



The comprehensive plans for the V3 Center include spaces designed to benefit community members of all ages, including two large indoor pools. The center has been designed to be a beacon of hope as well as a focal point bridging the Northside to Downtown. Most importantly, the building will serve as a hub for the community to gather and grow together.

The project broke ground in November 2022 with a ceremony that included the governor and community leaders and is expected to take 14 months to complete. Phase one of the project includes construction of a 25-yard indoor pool, a hydrotherapy pool, a

fitness center, and multi-purpose rooms. It also will include classrooms, offices space and childcare facility along with a cafe.

While the center is scheduled to open in spring 2024, much of the precaster's work has already been completed. The project included precast columns, precast beams, and wall panels. For the first phase, Molin made 44 architectural wall panels (roughly 12,000 square feet). The work began at Molin's facility in October 2022 and the final products were delivered to the site on April 1, 2023. A team of experienced installers began erecting portions of the structure on April 10 and completed this portion of the work in only 12 days.

angled panels at the front entrance reinforce the distinctive look. All the exterior panels are insulated to increase operational efficiency.

The building's designers leveraged the strength of precast for the structure itself. Since they are ideal for use in situations where long spans are required, double-tees were used over the large pool area. Hollow core plank was used in the other areas of the multi-story building. A cost-effective and versatile flooring and roofing solution, hollow core plank is manufactured with pre-stressed steel reinforcements for added strength.

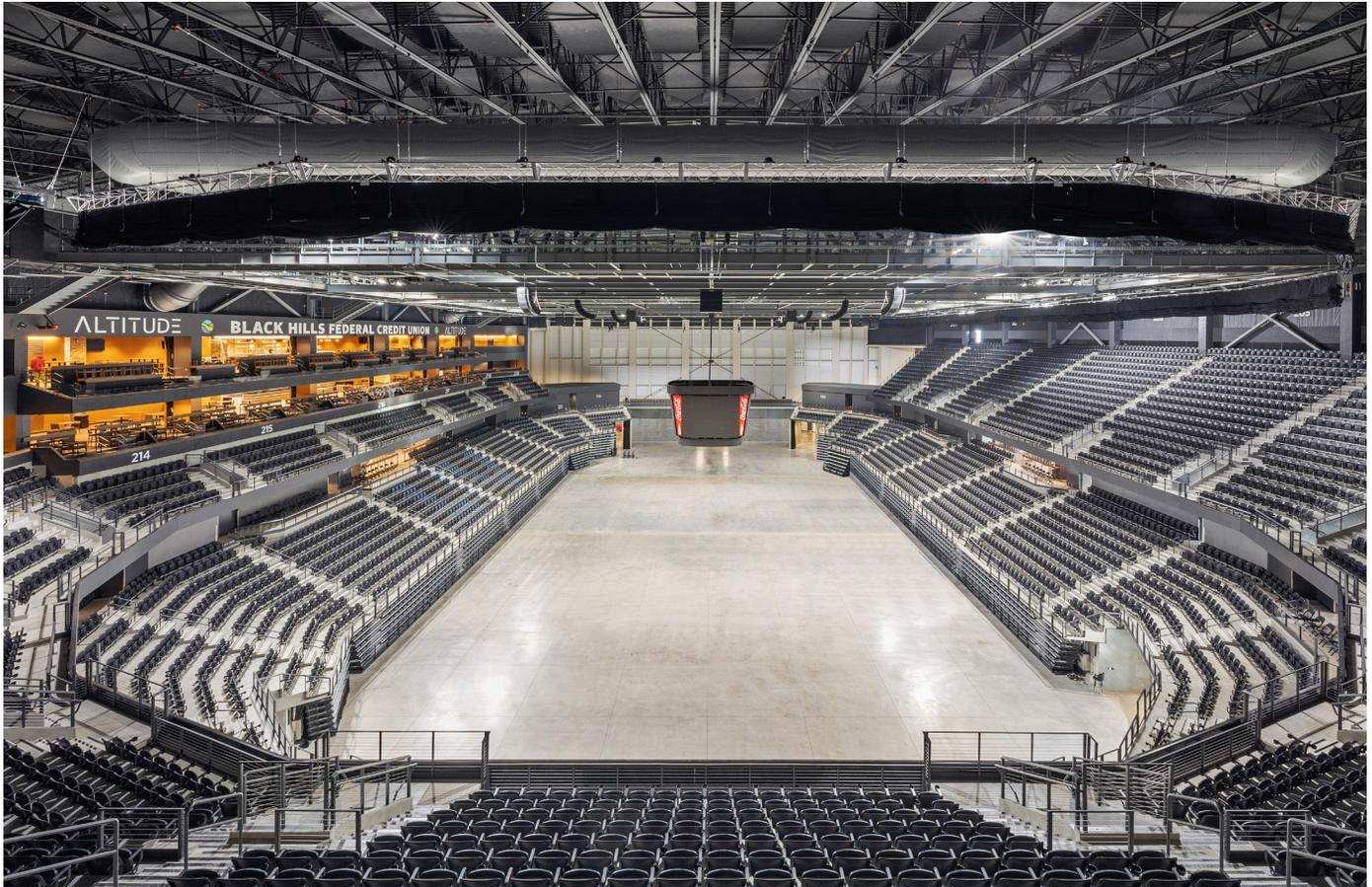


Designed by LSE Architects, the project is a great example of how versatile precast concrete architectural wall panels can be. The design incorporated two different architectural finishes and the exterior panels have a 17 degree reveal angle from corner to corner. Additionally,

Architect: **LSE Architects**
Engineer: **IMEG Corporation**
Contractor: **RJM Construction**
Owner: **V3 Sports**
Precaster: **Molin Concrete Products Co.**
Precast Specialty Engineer:
Molin Concrete Products Co.
PCI Certified Erector: **Molin Concrete Products Co.**
Photo Credits: **Molin Concrete**

MOLIN
Since 1897
CONCRETE PRODUCTS COMPANY
www.molin.com

The Monument



The Monument is a state-of-the-art, 250,000-square-foot multipurpose venue located in Rapid City, SD. With seating for 12,500 spectators, the arena serves as a vibrant hub for major community events, including the Rodeo Rapid City, Black Hills Powwow, and many sports and entertainment activities. The facility was designed to meet contemporary standards with enhanced amenities, increased seating capacity, and modernized operational features.

Precast concrete was selected for its durability, speed of construction, and aesthetic versatility, which were crucial for the demanding timeline and structural requirements of the project. Gage Brothers utilized 140,000 square feet of precast, including 61,000 square feet of smooth grey walls and slabs, 56,000 square feet of stair tread and risers, and 24,000 square feet of insulated wall panels.

infrastructure but also significantly contributes to the regional economy by attracting large-scale events and tourism. Its design and construction highlight advanced engineering and manufacturing capabilities, highlighting the role of precast concrete in modern architecture. Additionally, the project's focus on accessibility and community engagement ensures that it remains a cornerstone for local and regional cultural activities.

The use of precast allowed for rapid installation and minimized on-site construction challenges, such as the complex site located on a hill with an active street above. The specific finishes and forms were chosen to align with the architectural vision of blending functionality with visual appeal, ensuring that the venue stands as a landmark in the community.

Architect: **JLG Architects and Perkins + Will**
Engineer: **Albertson Engineering**
Contractor: **Mortenson and Scull Construction**
Owner: **City of Rapid City**
Precaster: **Gage Brothers**
Precast Specialty Engineer: **Gage Brothers**
Image Credits: **Cody Lere Photography**
Location: **Rapid City, SD**
Year of Completion: **2021**

Gage
Brothers

www.gagebrothers.com

The Monument not only revitalizes the local entertainment



B Street Collision Center



B Street Collision Center has undergone a major expansion project in the Omaha area, and precast concrete was used as a part of those expansion plans because it enhanced the company's speed to market. In addition, precast concrete's inherent durability make it an obvious choice for a shop environment.

26,658 square feet of precast concrete was used on this project which included exterior load bearing precast concrete insulated wall

panels and solid precast concrete panels that were used on the interior as demising walls between the office and shop. The exterior wall finish is a combination of two levels of sandblast and thin brick which provide a unique aesthetic. The different finished were used to break up the large wall panel expanses. The finish in the shop area is power troweled.

Architect: **Slaggie Architects, Inc.**
Engineer: **Bob D. Campbell & Co. Inc.**
Contractor: **Sigma Corporation, Inc.**
Owner: **Omaha Collision Company LLC**
Precaster: **Coreslab Structures (Omaha) Inc.**
Precast Specialty Engineer: **Infrastructure**
PCI Certified Erector: **Atlas Steel Erection**
Thin Brick Manufacturer: **Endicott**
Location: **Omaha, NE**
Year of Completion: **2023**

CORESLAB
STRUCTURES
(OMAHA) INC.

www.coreslab.com

Hudson Medical Center



Hudson Medical Center is a state-of-the-art multi-tenant medical office building strategically located in Hudson, WI, between rural northern Wisconsin and the Twin Cities metropolitan area. Situated on a sprawling 16-acre plot, this healthcare facility is co-owned and operated by a group of 17 dedicated physicians. The expansive three-story building is a distinguished total precast example that exemplifies the diverse aesthetic capacities of prefabrication to mimic any finish type desired.

Hudson Medical Center has quickly become a vital part of the local healthcare landscape,

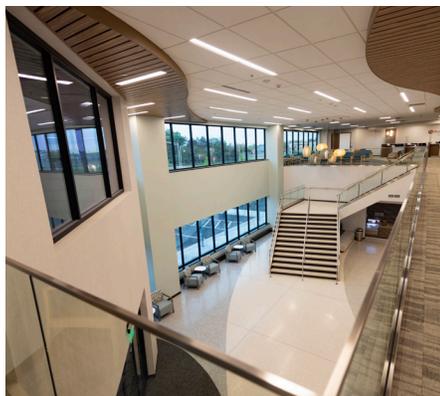
providing employment opportunities to over 120 healthcare professionals. Leverage the impressive 160,000 sq ft building, the medical center offers a diverse range of orthopedic services including urgent care, pediatric and general surgery and outpatient care. A two-story field house on the building's east end benefits from prefabricated structural components, acting as an open columnless structure, while also exposing the underside of the Double Tees for a cost effective and low maintenance interior finish. Additionally, the facility houses a pharmacy and a café, providing elevated convenience and accessibility for patients and visitors.

The inclusive scope of work incorporated architectural insulated exterior wall panels, double tee floors and roof, hollowcore, beams, columns and stairs, eliminating the need for multiple contractors and streamlining coordination between trades. The decision to use a total precast solution, integrating structural and architectural materials, allowed for greater speed and simplicity in the building process.

To support future expansion and replacement of large medical equipment needs, Wells designed removable panels in the building's design. This approach offers significant advantages in terms of flexibility, accessibility, and cost-saving measures for the facility. Large medical equipment, such as MRI machines or specialized imaging devices, often require extensive space and precise installation. Having removable panels ensures that when the time comes to replace or install such equipment, the process can be carried out more efficiently and with minimal disruption to the building's operations.

Contractor: **Amcon Construction**
Architect: **Amcon Construction**
Engineer: **Innovative Structural Solutions**
Owner: **Hudson Physicians**
Precaster: **Wells**
Location: **Hudson, WI**
Year of Completion: **2023**

 **WELLS**
www.wellsconcrete.com



Associate Members

Abrasives Inc.

4090 Hwy 49
Glen Ullin, ND 58631
Russell Raad - 701-348 3610

Advanced Concrete Technologies

300 Portsmouth Avenue
Greenland, NH 03840
603-431-5661
www.concretebiz.com
Charles Watkins
cwatkins@concretebiz.com
Josh Hallenbeck
jhallenbeck@concretebiz.com

Afinitas

www.afinitas.com
Jimmy Grant
Jimmy.grant@afinitas.com

ALP Supply

300 Ben Fairless Drive
Fairless Hills, PA 19030
www.alpsupply.com
800.332.7090
Mark Ronning – 215-359-7279
mronning@alpsupply.com

American Engineering Testing

550 Cleveland Avenue North
Saint Paul, MN 55114
800-972-6364
www.teamaet.com
Gerard Moulzolf

Ash Grove Cement

1101 Cody Street
Overland Park, KS 66210
Dave Suchorski 913-205-8146
dave.suchorski@ashgrove.com
Steve Wobken 888-334-1401
steve.wobken@ashgrove.com

Athnor Steel

2550 Gray Falls Drive, Suite 216
Houston, TX 77077
www.athanorsteel.com
281-741-1265
Patrick Gregoire – 713-291-7760
pgregoire@athanorsteel.com

Beton-Stahl, Inc.

800 Wilson Ave #206
Menomonie, WI 54751
715-231-2040
www.beton-stahl.com
Corey Leith
info@beton-stahl.com

Commercial Metals Company

1 Steel Mill Drive
Seguin, TX 78155
www.cmc.com
830-372-8284
Jon Kinnischtke - 719-240-0514
jon.kinnischtke@cmc.com
Zach Honeyman - 813-514-5217
zachary.honeyman@cmc.com

CONAC

4475 River Green Pkwy, Suite 100
Duluth, GA 30096
www.conacweb.com
800-336-2598
Farid Sadri – 800-336-2598
fsadri@conacweb.com
Tony Chinn – 770-212-1575
tchinn@conacweb.com

Cresset Chemical Company

13255 Main Street, Box 367
Weston, OH 43569
800-367-2020
www.cresset.com
Jim Renda - 419-669-2041
jim@cresset.com

Dayton Superior

1125 Byers Road
Miamisburg, OH 45342
www.daytonsuperior.com
Adam Stenberg – 612-364-4158
adamstenberg@daytonsuperior.com

DRL Drafting and Design

1608 Commercial Blvd
Chippewa Falls, WI 54728
715-726-9656 - www.DRLDD.com
Don Loew 715-598-0571
don@drldd.com

e.Construct.USA, LLC

11823 Arbor Street, Suite 200
Omaha, NE 68144
www.econstruct.us
402-884-9998
Bradley Schipper - 402-680-5709
brad.schipper@econstruct.us
Alec Stubbe - 402-314-1893
alec.stubbe@econstruct.us

Egan Company

11611 Business Park Blvd N
Champlin, MN 55316
763-595-4361
https://Intellibatch.eganco.com
Don Weirens - 763-354-8325
djw3@eganco.com

Elematic Inc

19745 Sommer Drive Suite A
Brookfield, WI 53045
www.elematic.com
262-798-9777
Matt Cherba - 262-798-9777
matt.cherba@elematic-inc.com
Tracy Wallner - 262-798-9777
tracy.wallner@elematic-inc.com

Endicott Thin Brick & Tile LLC

PO Box 645
Fairbury, NE 68352
www.endicott.com
Rep: Dean Schmidt 402-729-3315

Eriksson Technologies, Inc.

13097 N Telecom Parkway
Tampa, FL 33637
https://www.eriktech.com/
813-989-3317
Joanne Dyer, Roy Eriksson

Federal White Cement

413 E Palmetto Pk Rd #644
Boca Raton, FL 33432
www.federalwhitecement.com
Zack Devecchis – 561-699-1508
zdevecchis@federalwhite.com

Fister Quarries Group / Fister Chemicals and Accessories Group

1150 Lyon Road
Batavia, IL 60510
www.fisterinc.com
www.fisterquarries.com
800-542-7393
800-339-9534
Chris Fister – 630-333-6557
cfister@fisterquarries.com
David Whelan – 630-333-6555
david@fisterquarries.com

GCC of America

600 S Cherry St. #1000
Glendale, CO 80246
www.gccusa.com
Chuck Cox - ccox@gcc.com
Scott Ruby - sruby@gcc.com

GCP Applied Technologies

62 Whittemore Avenue
Cambridge, MA 02140
www.gcpat.com
Dan Drenth – 630-391-8377
daniel.drenth@gcpat.com

Associate Members

Hamilton Form Company

7009 Midway
Fort Worth, TX 76118
www.hamiltonform.com
817-590-2111
sales@hamiltonform.com

Hayden-Murphy Equipment Co, Inc.

9301 E Bloomington Fwy
Minneapolis, MN 55420
www.hayden-murphy.com

Heidelberg Materials

12300 Dupont Avenue South
Burnsville, MN 55337
<https://www.heidelbergmaterials.us>
Chad Hanson – 952-412-6932

IconX LLC

211 Saddle Ridge Loop
Edwards, CO 81632
913-208-4274
Joel Foderberg
Joel@iconxusa.com
Davis Foderberg
Davis@iconxusa.com

Industrial Services International

10310 Governor Lane Blvd
Williamsport, MD 21795
www.isi-na.com
240-618-8827
Deven Swanson – 240-618-8827
deven.swanson@isi-na.com

Innovative Brick Systems

1745 Panorama Point
Lafayette, CO 80026
www.mbrick.com | 720-890-6032
Sherry Cooney – 303-898-7489
sherry@mbrick.com

Insteel Wire Products

1373 Boggs Dr
Mt. Airy, NC 27030
www.insteel.com
800-334-9504
Rep: Randy Plitt - rplitt@insteel.com

Iowa Steel & Wire Company

1500 W Van Buren, PO Box 156,
Centerville, IA 52544
www.okbrandwire.com
800-325-5118
Troy Selvy - 641-954-4603
tselvy@okbrand.com

JVI Inc.

7131 N. Ridgeway
Lincolnwood, IL 60712
www.jvi-inc.com
800-742-8127
Todd Adams – 773-251-6344
todd@jvi-inc.com

Kansas City Brick Company

2001 S 45th Street
Kansas City, KS 66108
913-287-7200
www.kcbrick.com
Contact: Evan Schnegelberger

Leviat

6467 S Falkenburg Rd
Riverview, FL 33578
www.leviat.com
Angie Utterback – 515-290-4073
angie.utterback@leviat.com

Masonry & Precast Specialty Services

726 N Frontier Rd
Papillion, NE 68046
www.masonryprecast.com
402-306-6004
Craig Christensen

Master Builders Solutions

23700 Chagrin Blvd
Beachwood, OH 44122
800-628-9990
www.master-builders-solutions.com
Jason Pitcole - 216-496-6303
jason.pitcole@masterbuilders.com

Metro Brick Inc.

3314 Winpark Drive
Crystal MN 55427
Office (952) 417-0200
Fax (952) 417-0204
www.metrobrickinc.com

METROBRICK

1201 Millerton Street SE
Canton, OH 44707
www.metrothinbrick.com
Dianne Young - 888-325-3945
dyoung@ironrock.com

Nawkaw

170 Whitetail Way
Bogart, GA 30622
www.nawkaw.com | 866-462-9529
Dave Ellis

Nordic

514 22nd Ave W
Alexandria, MN 56308
320-762-0742
www.nordicbrick.com/
Neil Jensen 320-815-0829

Nox-Crete, Inc.

1444 S 20th Street
Omaha, NE 68108
www.nox-crete.com
402-341-2080
Patrick Linn – 402-578-2970
plinn@nox-crete.com
Stephen Linn – 402-850-9523
slinn@nox-crete.com

nVent LENTON

34600 Solon Road
Solon, OH 44139
800-753-9221
www.erico.com
Cristian Garcia - 224-200-0639
cristian.garcia@nvent.com

Owens Corning

PO Box 177
Lamburg, VA 24351
www.owenscorning.com
336-755-0419
Jim W. Hoenig 366-755-0419
jim.hoenig@owenscorning.com

RATEC America Corporation

6003 126th Avenue North
Clearwater, FL 33760
www.ratec.org
727-363-7732
Tim Reymann – 727-481-2906
treymann@ratec.org

Shuttlelift

49 E Yew Street
Sturgeon Bay, WI 54235
www.shuttlelift.com
920-743-8650

Sika Corporation

1515 Titanium Drive
Ottawa, IL 61350
www.usa.sika.com
Andy Pearson - 920-655-7600
pearson.andy@us.sika.com

Associate Members

Splice Sleeve North America, Inc.

135 N Old Woodward Ave #222
Birmingham, MI 48009
www.splicesleeve.com
877-880-3230
AJ Ishikawa aishikawa@splicesleeve.com

Standley Batch Systems, Inc.

505 Aquamsi Street
Cape Girardeau, MO 63703
800-325-8084
www.StandleyBatch.com
Jim Mantz – jim@standleybatch.com

Sumiden Wire Products Corp.

710 Marshall Stuart Drive,
Dickson, TN 37055
www.sumidenwire.com
Matt Speedy - 614-537-5988

Summitville Thin Brick

16364 US 644
Summitville, OH 43962
www.summitville.com
Steve Barnhardt – 859-229-7786
sbarnhardt@summitville.com
Jeff Johnson – 330-831-6457
jjohnson@summitville.com

Sylvan Products, LLC

7400 SW Cherry Drive
Portland, OR 97223
503-639-9000
www.sylvan-products.com
Bryan White – 971-250-1672
bwhite@sylvan-products.com

UFP Concrete Forming Solutions

2221 Clayton Place, Lot 1
Berthoud, CO 80513-9322
www.ufpconcrete.com
John Bowser 724-321-3688
jbowser@ufpi.com

US Formliner

370 Commerce Blvd
Athens, GA 30606
www.usformliner.com
Zach Morrison, PE
616-552-3958
Zach.morrison@usformliner.com

Vacuworx

10105 East 55th Place
Tulsa, OK 74146
www.vacuworx.com
912-259-3050
Justin Hendricks
918-591-3015
justinh@vacuworx.com

Wire Mesh Corporation

25219 Kuykendahl Road
The Woodlands, TX 77375
www.wmc-us.com | 877-962-9473
Rusty Smith – 904-832-6592
rustys@wmc-us.com

Wysan Precast Services LLC

6189 170th Street North
Hawley, MN 56549
218-486-5100
www.wysanprecastservices.com
Paul Nelson – 507-380-9423

If you are a PCI Associate Member and need to update your listing or if your company is interested in becoming a PCI Associate Member, please contact Mike Johnsrud at mike@pcimidwest.org.

NEED CREDITS?



**AIA
Continuing
Education
Provider**

Check out our upcoming webinars • pcimidwest.org

Producer Members

Key:

- Architectural**
- Structural**
- Bridge – Transportation**

	Architectural Precast	Architectural Trim	Beams/Columns	Wall Panels	Poles	Hollow-core Slabs	Single Tees	Double Tees	Stadium Seats	Modular Cells	Soundwalls	Piles	Boxed Beams/Slabs	I Beams/Girders
Advanced Precast Co. (Mike Decker) Dyersville, IA, 563-875-2615 • www.advancedprecastcompany.com	•			•		•	•							
Collins Precast, LLC (Joey Wipf) Iroquois, SD, 605-625-3123 • www.collinsprecast.com	•	•	•	•			•	•	•		•			
Concrete Industries, Inc. (Ryan Nelson) Lincoln, NE, 402-434-1800 • www.concreteindustries.com			•	•		•	•	•				•	•	•
Coreslab Structures (Kansas) Inc. (Dennis Drews) Kansas City, KS, 913-287-5725 • www.coreslab.com											•	•	•	•
Coreslab Structures (Missouri) Inc. (Michael Saint) Marshall, MO, 660-886-3306 • www.coreslab.com	•		•	•			•	•	•				•	•
Coreslab Structures (Omaha) Inc. (Todd Culp) Bellevue, NE, 402-291-0733 • www.coreslab.com	•	•	•	•				•	•	•	•	•	•	•
County Materials Corp. Roberts, WI (Steve Hoelsing, 800-289-2569) • Bonne Terre, MO (Scott Boma, 573-358-2773) • www.countymaterials.com	•	•	•	•		•			•	•	•	•	•	•
Crest Precast Concrete, Inc. (Gary Mader) La Crescent, MN, 507-895-2342 • www.crestprecastconcrete.com	•	•	•								•		•	
Crossland Prefab (Shay Laurance) Columbus, KS, 620-429-1414 • www.crossland.com	•		•	•										
Enterprise Precast Concrete, Inc. Omaha, NE (Martin Lane) 402.895.3848 • Overland Park, KS (Dirk McClure) 913-312-5616 • www.enterpriseprecast.com	•	•	•											
Fabcon Savage, MN 952-890-4444 Columbus, OH, Mahoney City, PA and Pleasanton, KS • www.fabcon-usa.com			•								•	•		
Gage Brothers Concrete Products, Inc. (Joe Bunkers) Sioux Falls, SD, 605-336-1180 • www.gagebrothers.com	•	•	•	•		•	•	•			•			•
Mid America Precast, Inc. (Rod Tanner) Fulton, MO, 573-642-6400 • www.midamericaprecast.com	•	•	•	•	•					•	•			
Molin Concrete Products Co. (Bob Clauson) Lino Lakes, MN, 651-786-7722 • www.molin.com	•		•	•		•		•						
MPC Enterprises, Inc. (Jeff Moehle) Mt. Pleasant, IA, 319-986-2226 • www.mpcent.com	•	•	•	•	•		•	•	•	•	•			•
PDM Precast, Inc. (Adam Petersen) Des Moines, IA, 515-243-5118 • www.pdmprecast.com	•		•	•		•	•	•						
Prestressed Casting Co. (David Robertson) Springfield, MO, 417-869-7350 • www.prestressedcasting.com	•		•	•			•	•	•		•			
Prestressed Concrete (Brian Curtis) Newton, KS, 316-283-2277 • www.prestressedconcreteinc.com	•		•	•			•	•	•		•	•	•	•
Rinker Materials (Marcus Orrock) Maple Grove, MN, 763-545-7473 • www.rinkerpipe.com					•						•	•	•	•
SteinBauer LLC (Paul Kleinsasser) Faulkton, SD, 605-324-3302 • www.steinbauerprecast.com	•	•	•	•			•	•			•		•	
Stress-Cast Inc (Jim Markle) Assaria, KS, 785-667-3905				•		•								
Taracon Precast (Mark Wipf) Hawley, MN, 507-380-9423 • www.taraconprecast.com	•		•	•		•	•	•	•		•			
Wells (Greg Roth) Wells, MN, Albany, MN and Maple Grove, MN, 800-658-7049 • www.wellsconcrete.com	•	•	•	•		•	•	•			•		•	