



PCI Central Region
PRECASTER
precaster
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www.pcicentral.org

Issue 22

PEI Genesis

South Bend, Indiana

ATMI - INDY, LLC

www.atmi-indy.com (317) 891-6280

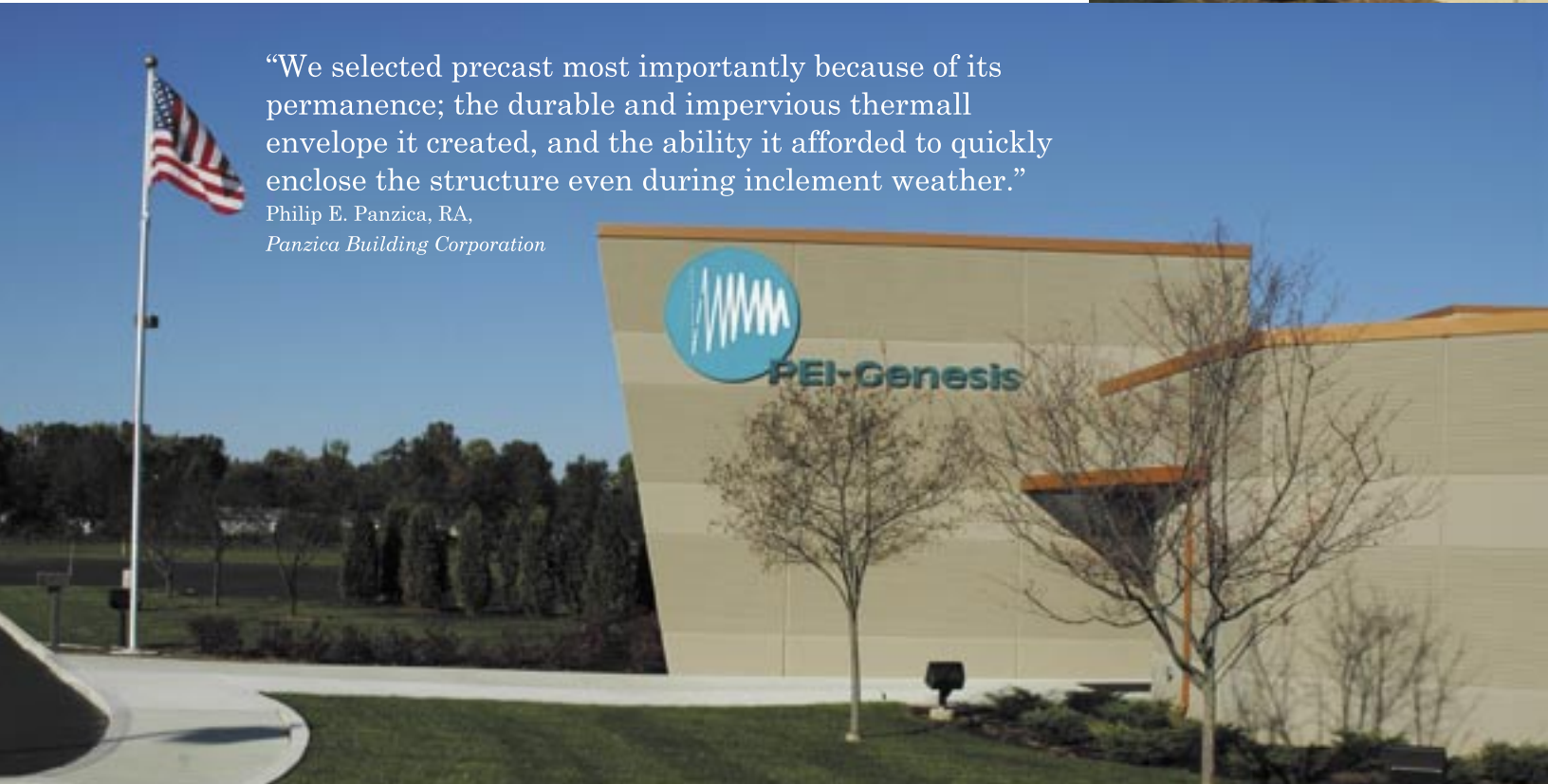
With the new 148,000 sq. ft. robotic assembly plant, PEI-Genesis' South Bend, Indiana facility, producing for worldwide distribution electronic connectors for transportation, industrial, harsh environment and military applications, is now home to more than 180 employees.

ATMY-Indy provided 12' wide insulated precast panels on the project. Those panels included a horizontal form liner pattern and were painted after the installation. All panels were load bearing supporting the steel structural frame thus eliminating the need for columns at the perimeter of the building.



"We selected precast most importantly because of its permanence; the durable and impervious thermall envelope it created, and the ability it afforded to quickly enclose the structure even during inclement weather."

Philip E. Panzica, RA,
Panzica Building Corporation





AIA/CES Registered *Lunch & Learn Programs*

To arrange an AIA/CES presentation for Professional Development Hours in your office, register online at www.pcicentral.org/lunch. Any questions, please email phil@pci-central.org or call 937-833-3900.

Program # Program Title & Description

- APC07 Architectural Precast Concrete**
Learn about the aesthetic options of color, form and texture of architectural precast concrete, as well as the design flexibility and economy of using precast concrete.
- HLC07 Hollow-Core Design & Construction**
Learn the basics of hollow-core concrete floors and roofs including: design parameters, fire safety, acoustic properties, maintenance needs, speed of construction, and environmental benefits.
- PRK07 Precast/Prestressed Parking Garage Design**
Learn the basics of precast concrete parking structures including: design parameters, personal safety, fire safety, environmental benefits and the design flexibility.
- SUS06 Sustainable Design Using Precast (LEED)**
Learn the basic environmental benefits of designing with precast/prestressed concrete.
- TOPRST Total Precast Structures**
Learn the basic applications and design components of precast/prestressed concrete.
- IND07 Precast/Prestressed Industrial Structures**
Learn how precast concrete systems work with industrial buildings, including food preparation facilities, heavy manufacturing, warehouses, and more.
- SCH07 Precast Concrete Design for Schools**
Learn the basics of designing school buildings using precast/prestressed concrete, this program includes: design flexibility, acoustic properties, fire safety, indoor and outdoor environmental benefits, maintenance needs, life cycle costs and the speed of construction.
- BRID07 Precast/Prestressed Concrete Bridge Design & Construction**
Learn about the maintenance requirements, fire resistance, riding characteristics and life expectancy of prestressed concrete bridges.
- HOU07 Precast Concrete Multifamily Housing**
Learn the basics of using precast/prestressed concrete in multi-family housing.
- HPWP05 High Performance Architectural Precast Wall Systems**
Architects and others can learn about the numerous benefits of designing with a fully insulated, load-bearing exterior architectural precast wall system.



Mailing List
updates

www.pcicentral.org/precaster

Additions, Corrections,
New Address, Deletions

We appreciate hearing
from you. *Thank You!*

Register for lunch & learn presentations
at **www.pcicentral.org/lunch**

PCI Central Region Producers

ATMI - INDY, LLC

ATMI INDY, LLC
Greenfield, IN
Phone (317) 891-6280
Web: www.atmi-indy.com



Sidley Precast Group
/ Carr Concrete Corp.
Waverly, WV
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Castcon-Stone, Inc.
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Phone: (724) 352-2200
Web: www.castconstone.com



Coreslab Structures (Indianapolis) Inc.
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deAM-RON

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DBS Prestress of Ohio
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dukane|precast

Dukane Precast, Inc.
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Phone: (630) 355-8118
Web: www.dukaneprecast.com

Dukane Precast, Inc.
Aurora IL

Dukane Precast, Inc.
Plainfield IL

DURA-CRETE

Dura Crete Products
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Phone: (586) 759-4286
Web: www.dura-crete.net

EASTERN VAULT CO., INC.

Eastern Vault Co., Inc.
Princeton, WV
Phone: (304) 425-8955



Gate Precast Company
Winchester, KY
Phone: (859) 744-9481
Web: www.gateprecast.com

Gate Precast Company
Ashland City, TN
Phone: (615) 792-4871



Gerace Construction Company, Inc.
Midland, MI
Phone: (989) 496-2440
Web: www.geraceconstruction.com



High Concrete Group LLC
Springboro, OH
Phone: 1-800-PRECAST
Web: www.highconcrete.com

High Concrete Group LLC
Paxton, IL
Phone: 1-800-PRECAST

THE PRESTRESSED GROUP

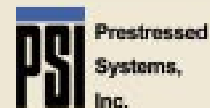


TOTAL PRECAST SOLUTIONS, LLC

Hollowcore Incorporated
Detroit, MI
Phone: (313) 962-9189
Web: www.psi-hci.com

HOLLOWCORE MIDWEST, LLC

Hollowcore Midwest, LLC
Fairfield, OH
Phone: (513) 829-1555



Prestressed Systems Inc.
Windsor, Ontario
Phone: (519) 737-1216

HOOSIER HP PRECAST

Hoosier Precast
Salem, IN
Phone: (812) 883-4665



Hoosier Prestress, Inc.
Brentwood, TN
Phone: (615) 661-5198
Web: www.hoosierprestress.com

Indianapolis, IN
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Grandville, MI
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Web: www.kerkstra.com



ATMI Indy, Greenfield, IN
 Castcon-Stone, Inc., Saxtonburg, PA
 Carr Concrete Corp./Sidley Precast Group, Waverly, WV
 Coreslab Structures (Indianapolis) Inc., Indianapolis, IN
 DBS Prestress of Ohio, Huber Heights, OH
 deAM-ROn Building Systems, LLC, Owensboro, KY
 Dukane Precast, Naperville, IL
 Dura-Crete Products, Warren, MI
 Eastern Vault Co., Inc., Princeton, WV
 Gate Precast Company, Inc., Winchester, KY
 Gate Precast Company, Inc., Princeton, WV
 Gerace Construction Company, Ashland City, TN
 High Concrete Group LLC, Springboro, OH
 Hollowcore Group LLC, Paxton, IL
 Hollowcore Incorporated, Detroit, MI
 Hoosier Precast, LLC, Fairfield, OH
 Hoosier Prestress, Inc., Dayton, OH
 Hoosier Prestress, Inc., Dayton, OH
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Architectural Precast			✓	✓			✓	✓		✓	✓	✓	✓	✓								
Architectural Trim Units							✓			✓	✓	✓	✓	✓								
Structural Wall Panels	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
Sound Walls					✓	✓	✓	✓		✓	✓	✓			✓	✓	✓		✓	✓	✓	✓
Hollowcore					✓	✓									✓	✓			✓	✓	✓	✓
Double Tees			✓	✓	✓	✓	✓					✓			✓	✓			✓	✓	✓	✓
Beams, Columns, Joists			✓	✓	✓	✓	✓	✓				✓			✓	✓			✓	✓	✓	✓
Stadium Seats				✓	✓	✓	✓		✓			✓			✓	✓						✓
Box Beams/Voided Slabs			✓		✓	✓	✓	✓	✓			✓			✓	✓	✓					
I - Beams, Girders												✓			✓	✓						
Piles								✓				✓										
Rail Road Ties																						
Cell Modules												✓										
Box Culverts			✓		✓	✓	✓		✓													
Lintels, Sills, Mullions																						
Insulated Wall Panels	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
Double - Wall Insulated Wall Panels							✓					✓										
Single / Double - Wall Floors							✓					✓										
Stair and Landing Systems		✓	✓	✓	✓	✓			✓						✓							

PCI Central Region Producers



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Sciotoville, OH
Phone: (740) 776-3238
Web: www.koppers.com



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Mid America Precast, Inc.
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National Precast Structural, Inc.
Shelby Township, MI
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Prestress Services Industries, LLC
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Prestress Services Industries, LLC
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Prestress Services Industries, LLC
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Prestress Services Industries, LLC
Decatur, IN
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Prestress Services Industries TN, LLC
Memphis, TN
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CONCRETE
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Nucon Schokbeton
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United Precast
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Ambassador Bridge - Truck Lane Expansion

Windsor, Ontario

The Ambassador Bridge is one of the busiest border crossings between international countries in the world. It is reported that over 10,000 commercial vehicles pass through the crossing each business day. Precast was utilized for the expansion project due to the minimization of activity at the jobsite and the ease and quickness with which it is installed.

The most impressive elements of the project, were the forty – 90-foot long, CPCI 1900 girders, each weighing up to 100,000 lbs.

Many production, shipping, and installation obstacles were overcome due to the massive size of these components as well as the tight access restrictions required in order to not disrupt traffic on the existing structure.



Precaster: The Prestressed Group

General Contractor: L. V. Concorde

Engineer: Hanna Ghabrial and Spencer

St. John's Mercy Hospital

Chesterfield, Missouri

St. John's Mercy planned a new rehabilitation hospital in the fast growing Chesterfield suburb of St. Louis to meet their ever growing demand in that area. Duke Construction asked for the help of Mid America Precast to supply architectural precast cladding for the new building and adjacent parking structure.

The challenge was a fast paced schedule to satisfy the owner's expansion plans. Using precast made it possible to take the project from design to production to delivery and erection on schedule and within the budget.



www.midamericaprecast.net

(573) 642-6400

Without Precast, the project would not have been able to meet the aggressive schedule. The cladding panels closed the building in quickly and the construction team was able to move on with their work throughout inclement weather.



Precaster: Mid America Precast, Inc.

Architect: ACI-Boland

Engineer: KPFF Consulting Engineers

Tamarack Subdivision and Golf Course

Aurora, Illinois

This custom sound wall with textured rock on both sides was manufactured by Dura Crete products and installed by Future Fence Company. Precast was chosen because of the aesthetic value, longevity and overall appearance was superior to any other offerings and also fit into their budget.

“This precast system separated us from our competitors and helped us sell out the development. We would recommend PCI Certified producers to any developers looking to incorporate precast into their projects.”

Jon Imbrunone, Project Engineer

DURA-CRETE

www.dura-crete.net (586) 759-4286



Precaster: Dura-Crete Products

Owner-Developer: Macom Corporation

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