Korn Award goes to paper on accelerated bridge construction in seismic applications


Jay Holombo


Rick Snyder


Sri Sritharan


Justin Vander Werff

Jay Holombo, Rick Snyder, Sri Sritharan, and Justin Vander Werff received the Martin P. Korn Award for their paper titled "A Cost-Effective Integral Bridge System with Precast Concrete I-Girders for Seismic Application" in the September–October 2015 issue of *PCI Journal*. The Martin P. Korn Award is given to the best design or research paper appearing in *PCI Journal* during a single year

The paper promotes accelerated bridge construction in seismic regions. A large-scale experimental investigation was conducted to examine the seismic sufficiency of precast concrete I-girders in integral bridge superstructures.

A comparison of an as-built girder-to-cap connection detail with an improved detail shows that the as-built detail in existing bridges will satisfactorily resist positive and negative seismic moments and allow plastic hinges to develop at the column tops, though this was not the original design intent. However, the improved detail, which exhibited excellent seismic moment resistance, is recommended for new bridges to avoid potential deterioration of the girder-to-cap connection.

Helwig Yousefpour paper receives Lyman Award


Oguzhan Bayrak


Todd A. Helwig


Hossein Yousefpour

Oguzhan Bayrak, Todd A. Helwig, and Hossein Yousefpour received the Robert J. Lyman Award for the best construction, production, or erection paper appearing in *PCI Journal* during a single year.

The paper, titled "Construction Stresses in the World's First Precast Concrete Network Arch Bridge" in the September–October 2015 issue of *PCI Journal*, reports some of the major findings from the instrumentation of the West Seventh Street Bridge in Fort Worth, Tex.

This innovative bridge, completed in 2013 as a replacement for a century-old bridge, consists of 12 precast, prestressed concrete network arches. The bridge was instrumented with 224 vibrating-wire gauges that were embedded in the arches prior to concrete placement. The gauges were monitored during posttensioning, handling, and transport as well as deck construction.

The instrumentation provided data on the stresses induced in the arches, which were used to ensure a safe environment throughout construction. The measurements also provided a means for evaluating the accuracy of stress calculations that were made during design. The results obtained from this study provide insight into the behavior of concrete arches built using an accelerated construction method.

Wanna fight??? We do!!!

Jim Voss
PCI Foundation Trustee

We are *your* PCI Foundation and we want to fight for the hearts and minds of the 80% of all levels of our membership who do *not* contribute to the activities of the foundation.

It is doubtful that anyone can deny the overwhelming success of the studio programs. Even with the meager funds we have had to work with, we have conducted wildly successful studios at 14 schools nationally and guided more than 1200 students into the workforce who now have a good working knowledge of precast concrete. That is a nice number—but just think what we *could* be doing if we had the support of the 80% of us who do not participate. It boggles the mind.

Let's consider a conversation that might be had between a foundation guy (FG) and an 80 percenter. It might go something like this:

80 percenter: Why should I contribute to the PCI Foundation? I don't see any benefit for me or my company.

FG: While the benefits do not provide instant gratification, they are benefits nonetheless. Consider this: one of the primary complaints of our industry's leaders is that we can't find and retain good young talent. That's because we've never properly nurtured young people to learn and appreciate precast concrete. The foundation *directly* addresses this shortcoming with the studio programs. With more than 1200 studio graduates now in the workforce and many more on the way, you must realize that these people are, even now, influencing the choice of materials for a project. Before the studio programs, there was a vacuum—a void. Young people simply did not know about precast concrete. *Now* we have a seat at the table, which heretofore did not exist. Over time, this can only translate into industry growth.

80 percenter: My company is granting a scholarship to the owner's alma mater. We feel that this is enough of a contribution.

FG: Scholarships are OK, I guess, but I have a couple of problems with them. First, it's going to *one* person. Second, in most instances, it's difficult if not impossible to know how that money is being spent. With the studio programs, we have classes of 12 to 20-plus students for an entire semester, and we control the content of what they will study. *And* we have producers from the studio region lecture at the studio and bring the students to their plants to participate in the casting and erecting of precast concrete elements. The students love the experience, and it also involves our local producers in directly developing these young minds. The synergy is boundless.

80 percenter: You make good points, but even if our company decides to become involved in the PCI Foundation, I don't think that I need to personally contribute.

FG: I believe that is shortsighted. Look at it this way: if the foundation programs are working as well as they seem to be—and they are—isn't it in the best interest of *each and every one of us* to support those efforts, to do everything possible to accelerate them? It seems to be the best possible way to create our own future. What we are asking of you, 80 percenter, is that you accept—and yes, embrace—the realization that this road is leading our industry to a more successful future.

80 percenter: Again, you make good points, but . . . I just don't have time to get involved. What would you have me do?

FG: It's simple, really. We will do all of the legwork. What we need from you is your financial support. We are trying to change people's thinking about what is needed to make our industry truly grow. We feel that if we can *all* recognize that with the strength we could have if all of you 80 percenters got behind this effort, we could be so much more successful in academia and the construction world in general. We are striving for a sustained commitment from our entire membership to make this happen. This requires that, both corporately and individually, we set aside a comfortable dollar figure each year—or monthly, if that's more comfortable—to sustain the efforts of the PCI Foundation.

We know this is working. We want *you* to know it too! Dare to change. *Dare* to join our grand adventure.

Cox, Huang, Suleiman receive Nasser Award

Ann-Marie Cox

Jinwei Huang

Muhannad Suleiman

Ann-Marie Cox, Jinwei Huang, and Muhannad Suleiman received the George D. Nasser Award for their paper titled "Minimum Confinement Reinforcement for Prestressed Concrete Piles and a Rational Seismic Design Framework" in the January–February 2016 issue of *PCI Journal*. The George D. Nasser Award recognizes authors 40 years of age or younger who write outstanding *PCI Journal* papers on design, research, production, or construction. Sri Sritharan and K. Arulmoli were coauthors of this paper.

The paper presents a rational approach for designing minimum confinement reinforcement for prestressed concrete piles in seismic regions. The paper also presents a new axial load limit for prestressed piles, an integrated framework for the seismic design of piles and superstructure, the dependency of pile displacement capacity on surrounding soils, and how further reduction to confinement reinforcement could be achieved, especially in medium to soft soils and in moderate to low seismic regions.

Paper on double tees receives Charles C. Zollman Award

David Nasser

George D. Nasser

Adam Sevenker

Maher Tadros

David Nasser, George D. Nasser, Adam Sevenker, and Maher Tadros received the Charles C. Zollman Award for the best state-of-the-art precast and prestressed concrete paper appearing in *PCI Journal* during a single year.

Their paper "The Legacy and Future of an American Icon: The Precast, Prestressed Concrete Double Tee" in the July–August 2015 issue of *PCI Journal* traces the origin and development of the double tee, emphasizing the influence it has had on the precast/prestressed concrete industry.

The paper reviews the advantages and diverse applications of double tees, primarily in North America. The major features of the double tee are discussed, especially in relation to parking structures. The paper summarizes the results of selected studies conducted at several universities.

Examples of the possibilities of double tees using high-strength concrete, self-consolidating concrete, and large-diameter prestressing strands are also explored. The authors conclude that the future of the double tee, with all of its enhancements and ongoing research, is promising.

2016 T. Y. Lin Award goes to Rahman, Sritharan paper

M. Ataur Rahman

Sri Sritharan

The Structural Engineering Institute awarded the 2016 T. Y. Lin Award to M Ataur Rahman and Sri Sritharan for the paper "Seismic Response of Precast, Posttensioned Concrete Jointed Wall Systems Designed for Low- to Midrise Buildings Using the Direct Displacement-Based Approach" in the March–April 2015 issue of the *PCI Journal*. The American Society of Civil Engineers' Prestressed Concrete Award was endowed in 1968 by T. Y. Lin to encourage the preparation of meaningful papers in the designated field of endeavor. The award's name was changed to the T. Y. Lin Award in 1969.

This paper presents an investigation of the seismic performance of precast, posttensioned concrete jointed wall systems designed for five-, seven-, and ten-story buildings. Using earthquake motions of different intensities, the performance of each building was evaluated using response parameters. The three buildings performed satisfactorily in terms of the maximum transient interstory drift and residual interstory drift for all seismic events.

Georgia/Carolinas PCI to present Prestressed Concrete Bridge Design seminar

Georgia/Carolinas PCI and the North Carolina Department of Transportation (NCDOT) are presenting an all-day technical seminar, Prestressed Concrete Bridge Design, on December 6, 2016, at the McKimmon Conference Center in Raleigh, N.C. This seminar will cover the basic concepts of prestressed bridge design, including preliminary design, flexural design, and camber. In addition to technical theory, strategies for economical fabrication of prestressed concrete bridge elements will be discussed, and PCI and Federal Highway Administration resources will be presented. In addition, NCDOT standard details and policy for prestressed elements will be addressed. For information, go to www.gcpci.org.

Tu named new executive director for the Florida Prestressed Concrete Association

Diep Tu

Diep Tu has been named the new executive director of the Florida Prestressed Concrete Association (FPCA). Tu is a registered licensed professional engineer in Florida, and he was the director of engineering for the Florida Concrete and Products Association (FC&PA) for 16 years.

At FC&PA, Tu was responsible for promoting concrete products for three market segments in Florida: parking lots, streets and local roads, and education. Prior to working with FC&PA, Tu was employed with the Florida Department of Transportation's Materials Research Office in Gainesville, Fla., as the rigid pavement research engineer.

Tu's responsibilities with FPCA will be developing marketing strategies for the building and transportation markets and promoting precast/prestressed concrete construction by connecting with architects, engineers, general contractors, owners, students, and professors; city and county agencies; departments of transportation; and tollway entities. Tu will also provide opportunities for continuing education to the industry.

Lorenz named PCI director of sustainability and publications

Emily Lorenz

PCI has named Emily Lorenz its new director of sustainability and publications. She returned to PCI in 2015 as editor-in-chief of *PCI Journal*, associate editor of *Aspire*, and manager of PCI's sustainability activities. Her new role encompasses all of PCI's publications.

Lorenz held positions in publishing and sustainability at PCI from 2005 to 2010. In the interim, she was an engineer at CTLGroup in Skokie, Ill., and managed a successful sustainability consulting firm. She is a graduate of Michigan Technological University in Houghton, Mich., with a BS and MS in structural engineering, and is a registered professional engineer in Illinois and Michigan.

PCI's Becker panelist at First International Interactive Symposium on UHPC

Roger Becker

PCI was a sponsor of the first International Interactive Symposium on Ultra-High Performance Concrete (UHPC), which was held in July in Des Moines, Iowa. Roger Becker, PCI's vice president of technical services, was part of the interactive architectural design panel at the symposium, which was hosted by Iowa State University (ISU), the Federal Highway Administration, and the University of Connecticut (UConn).

The architectural design panel included topics such as architectural UHPC, designer and precaster perspectives on complex architectural elements, European production techniques, and North American building requirements. Technical paper topics ranged from material behavior to architectural application to structural design to bridge construction, and tours of various Iowa bridges were offered. Ben Graybeal of the Federal Highway Administration, Sri Sritharan of ISU, and Kay Wille of UConn were cochairs for the symposium.

Erector's Manual update progresses

Here at home, your Erectors Committee is moving forward with an update to MNL-127, *Erector's Manual: Standards and Guidelines for the Erection of Precast Concrete Products*. Carl Harris and Dan Bible, cochairs of the Erectors Committee, met with other committee members in June at PCI's office in Chicago, Ill., to update the manual, which hasn't been updated since 1999. The Erectors Committee staff liaison, Jim Lewis, working with Sidney Freedman facilitated the meeting and pending update.

2016 educator awards go to Sezen, Zatar

The Educational Activities Council has chosen PCI's educator awards for 2016. The selection committee, chaired by Glen Switzer of Durastress, named Halil Sezen of Ohio State University as PCI's 2016 Educator of the Year. Wael Zatar of Marshall University was named PCI's 2016 Distinguished Educator. They were presented with their awards in October at the 2016 PCI Committee Days and Membership Conference in Rosemont, Ill.

PCI Foundation launches new sustainable corporate donor campaign

Since the PCI Foundation–funded education programs were established in 2007, a wave of change has taken place in how architects, engineers, and construction management students are taught about precast concrete. A goal of the PCI Foundation is to ensure that this type of amazing change can take place at every university.

During the 2016 PCI Committee Days and Membership Conference, the PCI Foundation geared up its new corporate donor campaign, The Sustainable Campaign: Annual Investment in Tomorrow's Leaders. The focus of this campaign is to engage PCI members, associate members, engineering firms, and erectors to make a long-term, annual commitment to the PCI Foundation.

"The goal of this campaign is twofold," says campaign chairman Jim Voss. "First, it will allow the PCI Foundation to continue its growth and have the foundation programs continue to grow. The second is to ensure that the PCI Foundation will have a reserve that will allow the programs to continue to be developed, even during an economic downturn."

The new campaign launched during the CEO Summit at Committee Days and will roll out on a bigger scale during the 2017 PCI Convention and National Bridge Conference in Cleveland, Ohio.

When the PCI Foundation began in 2001, the founders realized there were untapped resources to educate future design and construction professionals about precast concrete. At that time, there were many efforts to infiltrate schools of architecture, engineering, and construction management on the local level, but no focused, national effort with a long-term approach. Few schools offered any precast concrete education, and those that did generally offered just a few weeks of coursework, typically as part of a more general concrete class.

Since 2007, the PCI Foundation has sponsored precast concrete education at 14 universities, sometimes in multiple departments and often featuring multiple classes. It has worked with 26 professors at those schools. The PCI Foundation has hosted nearly 80 students at the PCI convention and has provided two Professors Seminars, which have been attended by 30 architecture, engineering, and construction management professors who gained information on how to teach students about precast concrete.

PCI Foundation suggested annual giving based on precast concrete–related revenue

Revenue	Annual giving	Monthly giving
$75 million or more	$30,000	$2500
$50 million to $74 million	$25,000	$2083
$25 million to $49 million	$20,000	$1666
$10 million to $24 million	$10,000	$833
$1 million to $9 million	$5000	$417

The Sustainable Campaign Committee reflected on the potential for the growth of PCI Foundation programs and created a table with suggested giving levels.

"We are finding that when students finish one of our programs, the majority of them stay in the area of the school they graduated from," says PCI Foundation executive director Marty McIntyre, "and yet about 25% of the students move on to other parts of the country to take jobs or continue with their schooling. So local precasters benefit the most from having a program in their area, but the industry as a whole is still benefitting no matter where the program is based."

PCI Foundation Sustainable givers help the PCI Foundation have more freedom to focus on programs that matter most to the precast/prestressed concrete industry by providing studios with the following:

- $10 a month will buy a precast studio a copy of the *PCI Design Handbook*
- $50 a month will fund two students' PCI convention attendance
- $100 a month will pay for books for an entire class
- $1000 a month will pay for travel to the PCI convention for all studio professors
- $2000 a month will fund a studio program

To become a Sustainable Donor, click on the donation button at www.pci-foundation.org.

Students from the University of North Florida in Jacksonville travel to precasting plants, such as Gate Precast, also in Jacksonville, to see the fabrication of prestressed concrete members in person. Courtesy of Gate Precast.

UNF a PCI Foundation grant success story

PCI Foundation grants serve as a precast/prestressed concrete program incubator. Grant funding typically runs four to five years to help establish a precast concrete program and the relationships between the local precast/prestressed concrete industry and the school. Faculty members who participate in the programs gain a knowledge of precast/prestressed concrete that they can use throughout their classes, and in some cases the program continues after the grant runs out.

An example of this success is the prestressed program first sponsored by the PCI Foundation at the University of North Florida (UNF) in Jacksonville. PCI Foundation Chairman Dean Gwin of Gate Precast and J. Seroky of High Concrete recently had lunch with grant recipient Adel ElSafty of UNF and learned exactly how much the PCI Foundation grant influenced the direction of studies at the School of Engineering.

"I was blown away by how that studio led Dr. ElSafty to precast research grants and helped turn UNF into a premier research school for precast," Gwin says. "I am also excited by where he tells me his students have landed. Many now work in firms that specialize in precast design, and others work at the Florida Department of Transportation, NASA, and other top engineering firms."

In addition to the new research the school has taken on, ElSafty continues to teach precast concrete at the school and work with local precasters, and has made long-term plans for turning his PCI Foundation–sponsored experience into more precast concrete–related work. ElSafty also recently returned from a semester as a Fulbright Scholar in Dubai, where his focus was on precast concrete construction, and was named the 2015 PCI Educator of the Year. Read more about ElSafty's success at http://pci-foundation.org/blog.cfm/Expanding_Our_Reach/What_Happens_After_the_Grant_UNF_Success_Story/.

PCI Foundation trustees are always looking for more professors to sponsor and are actively seeking more bridge-related proposals to replicate the success of the UNF program. For more information, contact the PCI Foundation at info@pci-foundation.org.

Banks promoted to PCI communications manager

Brenda Banks

Brenda Banks has been promoted to communications manager at PCI. She started at PCI as a marketing assistant on March 14, 2016.

In her new role, Banks is responsible for the support of all market development and communication activities, including established programs and new initiatives, and focuses on promoting PCI and its programs. She is also responsible for managing how PCI communicates with its members and the industry. Working with program managers and directors, she will develop communication plans for current and new institute programs and ensure that PCI connects with its members regarding those programs.

Banks also develops content, writes copy, and copyedits work submitted for My PCI Update, email blasts, direct mail, event promotions and brochures, print and digital advertisements, the website, institute public relations, and social media and manages all social media channels reaching the membership and coordinates with the marketing department regarding social media posts reaching the marketplace. She is also overseeing all functions of PCI's annual Design Awards.

She has a bachelor's degree in business administration from Olivet Nazarene University in Bourbonnais, Ill.

Notre Dame repeats with first in 2016 Big Beam Contest

The Judging Committee recently selected the winners of the Engineering Student Design Competition, also known as the Big Beam Contest. PCI's Student Education Committee (Sergio Breña, chair) organized the Big Beam Contest—sponsored by Sika Corp., PTAC, and *Aspire* magazine—and assigned the judging committee (Richard Miller, chair). The objective is for teams of students to fabricate and test a precast/prestressed concrete beam with the help of local precast concrete PCI producer members. Prizes are awarded to the top 20 performers in efficient design, highest load capacity, and other categories.

Entries were ranked by total number of points earned, and the first-place team for the second year in a row was from the University of Notre Dame.

The 2015/2016 Big Beam videos are posted online at https://goo.gl/iIWoSM.

Overall results

Place	School	Faculty advisor	PCI producer	Student team	Points	Prize
First	University of Notre Dame; Notre Dame, Ind. (zone 4)	Yahya Kurama	StresCore Inc.; South Bend, Ind. (John Reihl)	Megan McKeon, Luis Gabriel Muñoz Dispa, Tyler Thompson, Thomas Sweeney, Anna Spatz, Molly O'Toole, and Ryan Shea	62.25	$2000 plus other prizes
Second	Saint Martin's University; Lacey, Wash. (zone 1) (new school to competition)	Jill Walsh	Concrete Technology Corp.; Tacoma, Wash. (Austin Maue)	William J. Miller III, Micaylla O'Leary, Madeline Knecht, Jessica De Boer, Anthony Merlino, and Kyle Howlett	58.25	$1750
Third	Oregon State University; Corvallis, Ore. (zone 1)	Keith Kaufman	Knife River Prestress; Harrisburg, Ore. (Keith Kaufman)	Tyler Oathes, Cody Tibbits, Neil Schweitzer, Taylor Kiefel, Anh Nguyen, and Jonathan Kopp	56.25	$1500
Fourth	University of South Florida (team 2); Tampa, Fla. (zone 6)	Rajan Sen	Standard Concrete Products; Tampa, Fla. (Ryan Cartwright)	Arlind Aliaj, Tanya Anisimova, Nelson Figueroa, Daniel Hagerman, and Andrew Williams	54.75	$1250
Fifth	Missouri University of Science and Technology; Rolla, Mo. (zone 3)	John Myers	Coreslab Structures (MISSOURI) Inc.; Marshall, Mo. (Jim Myers)	Eli S. Hernandez, Hayder Alghazali, and Saipavan Rallabhandhi	54.5	$1000
Sixth	University of South Florida (team 1); Tampa, Fla. (zone 6)	Rajan Sen	Standard Concrete Products; Tampa, Fla. (Ryan Cartwright)	Sandra Buitrago Gutierrez, Mohammed Alamri, Amjed Salhabaltamimi, and Luiz Antonio Braga Jacintho	54.25	$1000
Seventh	University of Alabama (team Jelly Beam); Tuscaloosa, Ala. (zone 6)	Sriram Aaleti	Gate Precast; Monroeville, Ala. (Mark Ledkins)	Vidya Sagar Ronanki, Saeid Hayati, David Burkhalter, and Md. Kobir Hossain	53.25	$1000
Eighth	University of California, San Diego; La Jolla, Calif. (zone 1)	Jose Restrepo	Oldcastle Precast Inc.; Perris, Calif. (Jon Grafton)	David E. Duck, Farshad Alimohamamdi, Mohamed ElGabaly, and Rainbow Lin	51.75	$1000

Place	School	Faculty advisor	PCI producer	Student team	Points	Prize
Ninth (tie)	Iowa State University (team 1); Ames, Iowa (zone 3)	Sri Sritharan	Forterra Pipe and Precast; West Des Moines, Iowa (Jeff Butler)	Michael Rosenthal, Nathan Scharenbrock, and Anmol Pakhale	51.25	$1000
Ninth (tie)	Lehigh University (team 1); Bethlehem, Pa. (zone 5)	Clay Naito	J&R Slaw Inc.; Lehighton, Pa. (Robert Slaw)	Robin Hendricks and John Thompson	51.25	$1000
Eleventh	Lehigh University (team 2); Bethlehem, Pa. (zone 5)	Clay Naito	J&R Slaw Inc.; Lehighton, Pa. (Robert Slaw	Joseph Ingaglio, Carly Daitch, and Rebecca Milano	48.25	$1000
Twelfth (tie)	Western University (team 1); London, ON, Canada (zone 7)	Aiham Adawi	Prestressed Systems Inc.; Windsor, ON, Canada (Anil Mehta)	Rob Kuehnen, Khalid Backtash, Li Hao Zhang, Brendon Tan, Erik Mahon, and Alexander Riveros	45.5	$500
Twelfth (tie)	Western University (team 2); London, ON, Canada (zone 7)	Ayman El Ansary	Prestressed Systems Inc.; Windsor, ON, Canada (Anil Mehta)	Ahmed Elshaer, Zaid Al-Qaysi, AbdelRahman Fayez, Moustafa El-sawy, Fouad Elezaby, Ibrahim Ibrahim, and Ahmed Shehata	45.5	$500
Fourteenth	California State University, Sacramento; Sacramento, Calif. (zone 1)	Eric Matsumoto	Clark Pacific; Woodland, Calif. (Glen Underwood)	Bryce Leuschen, Alex Switzgable, Alex Biaheza, Matthew James, Vince Anicich, Ivan Tulao, and Jaber Tannous	43.25	$500
Fifteenth	University of Kansas (team 4); Lawrence, Kans. (zone 3)	Bob Lyon	Coreslab Structures (KANSAS) Inc.; Kansas City, Kans. (Terry Fleck)	Brian Robertson, Triveni Mudaliar, and Amin Dehghani	42.75	$500
Sixteenth	University of Windsor; Windsor, ON, Canada (zone 7)	Amr El Ragaby	Prestressed Systems Inc.; Windsor, ON, Canada (Anil Mehta)	Junaid Khan, Omar Albarazi, Majed Alkheriji, Alaeldeen Abdelmoneim, and Sofia Tahat	40.5	$250
Seventeenth	University of Kansas (team 3); Lawrence, Kans. (zone 3)	Bob Lyon	Coreslab Structures (KANSAS) Inc.; Kansas City, Kans. (Terry Fleck)	Shahedreen Ameen, Sean Cameron, and Rezoana Islam	40	$250
Eighteenth	Iowa State University (team 2); Ames, Iowa (zone 3)	Sri Sritharan	Forterra Pipe and Precast; West Des Moines, Iowa (Jeff Butler)	Michailina Hadjiyiangou, Chetan Swarn, Satyam Mandloi, and Praveen Rajasekar	39.75	$250
Nineteenth	University of Kansas (team 1); Lawrence, Kans. (zone 3)	Bob Lyon	Coreslab Structures (KANSAS) Inc.; Kansas City, Kans. (Terry Fleck)	Sajed Huq, Ryan Landreneau, and Kelly Lowe	39	$250
Twentieth	University of Kansas (team 2); Lawrence, Kans. (zone 3)	Bob Lyon	Coreslab Structures (KANSAS) Inc.; Kansas City, Kans. (Terry Fleck)	Alexander Weber-Kamin, Zahra Andalib, Meredith Megaffin, and Mahesh Mediboyina	38.5	$250

Best report

The judging committee considers the overall presentation of the report when deciding on a best report winner. In addition to verifying that the report contains all of the requested sections and required signatures, judges look for clear presentation of data, a professional look and format, and an overall well-written report.

Award	School	Faculty advisor	PCI producer	Student team	Prize
Best report	University of Alabama (team Jelly Beam); Tuscaloosa, Ala. (zone 6)	Sriram Aaleti	Gate Precast; Monroeville, Ala. (Mark Ledkins)	Vidya Sagar Ronanki, Saeid Hayati, David Burkhalter, and Md. Kobir Hossain	$500

Best video

Contest requirements include a video taken of the beam being tested. Teams are encouraged to be as creative as they wish when preparing the final video. Videos with a storyline related to the big beam competition are clear standouts, and the judging committee may elect an entry to receive a best video award.

Award	School	Faculty advisor	PCI producer	Student team	Prize
Best video	Iowa State University (team 1); Ames, Iowa (zone 3)	Sri Sritharan	Forterra Pipe and Precast; West Des Moines, Iowa (Jeff Butler)	Michael Rosenthal, Nathan Scharenbrock, and Anmol Pakhale	$500

Honorable mention

Award	School	Faculty advisor	PCI producer	Student team
Honorable mention	Western University (team 1); London, ON, Canada (zone 7)	Aiham Adawi	Prestressed Systems Inc.; Windsor, ON, Canada (Anil Mehta)	Rob Kuehnen, Khalid Backtash, Li Hao Zhang, Brendon Tan, Erik Mahon, and Alexander Riveros
Honorable mention	University of California, San Diego; La Jolla, Calif. (zone 1)	Jose Restrepo	Oldcastle Precast Inc.; Perris, Calif. (Jon Grafton)	David E. Duck, Farshad Alimohamamdi, Mohamed ElGabaly, and Rainbow Lin

PCI Calendar

Events

For the most current information on PCI events, visit http://www.pci.org/events. For industry events, visit http://www.pci.org/news/events.

PCI Productivity and Quality Improvement Tour Phoenix, Ariz.	November 1–4, 2016
PCI Mountain States Region Board of Directors and General Membership Meeting TBA	November 16–17, 2016
Prestressed Concrete Bridge Design Seminar McKimmon Conference Center, Raleigh, N.C.	December 6, 2016
PCI Zone 1–2 Meeting Las Vegas, Nev.	January 18, 2017
PCI Technical Activities Council Tucson, Ariz.	January 27–30, 2017
2017 PCI Convention and National Bridge Conference in partnership with the Precast Show Cleveland, Ohio	February 28–March 4, 2017
PCI Summer Conference Denver, Colo.	June 9–13, 2017
2017 PCI Committee Days and Membership Conference Rosemont, Ill.	October 4–7, 2017
2018 PCI Convention and National Bridge Conference in partnership with the Precast Show Denver, Colo.	January 20–24, 2018

PCI personnel training and certification schools

If you have any questions about the Quality Control School schedule or need help completing a registration form, please contact PCI's education manager, Sherrie Nauden, at snauden@pci.org or (312) 360-3215. Registration forms are available at http://www.pci.org/schools.

Level I/II	December 5–7, 2016	Nashville, Tenn.
Level III	December 7–10, 2016	Nashville, Tenn.
CFA	December 5–7, 2016	Nashville, Tenn.
CCA	December 8, 2016	Nashville, Tenn.

Compiled by K. Michelle Burgess (mburgess@pci.org)