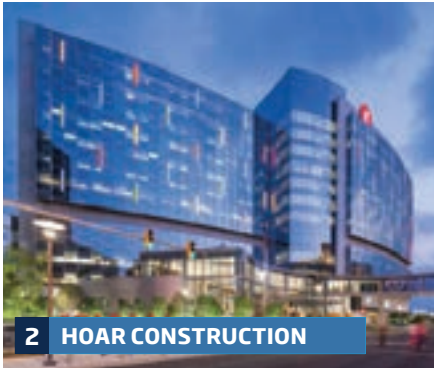
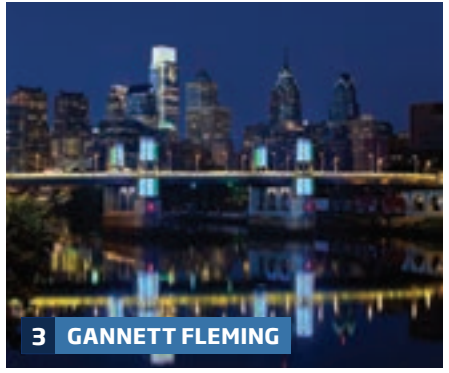




1 **CARDNO**



2 **HOAR CONSTRUCTION**



3 **GANNETT FLEMING**



4 **DPR CONSTRUCTION**



5

**SMITH, CURRIE & HANCOCK**  
Construction Law Pioneers Since 1965



6 **NICHOLSON CONSTRUCTION**



7 **BI GROUP**



8 **ODEBRECHT USA**

# 2015 Construction Anniversaries

Celebrating milestones and decades of achievement By Karin Tetlow

**1 Cardno** quickly mobilized to safely furnish and install all piles for the deep foundation of a methanol plant in just four months—an estimated one-third reduction to the overall schedule.

**2 Hoar Construction** was responsible for the LEED® Gold 762,000-sq-ft, 340-bed Benjamin Russell Hospital for Children in Birmingham, Ala., and won an ABC Excellence in Construction award.

**3 Gannett Fleming** was responsible for preliminary design, final design and lead on all engineering for Philadelphia's award-winning South Street Bridge reconstruction.

**4 DPR Construction:** Employee-owned DPR Construction celebrates 25 years of building great things.

**5 Smith, Currie & Hancock** has offices from coast to coast, and has nationally recognized practices in the areas of construction law and government contracts.

**6 Nicholson Construction.** The brick façade of Utah's historic Provo Tabernacle, originally constructed between 1883 and 1898, was placed on a series of beams and micropiles as new floors of the Provo City Center Temple were constructed.

**7 BI Group** is developing the \$2.5-billion, 126-hectare (300-acre) BI City project on the left bank of Astana, the capital of Kazakhstan.

**8 Odebrecht USA** built the Miami International Airport's South Terminal in a joint venture with Parsons called Parsons-Odebrecht.

Please see inside for more on these and other companies celebrating milestones.

# Anniversary Gallery

## The D.S. Brown Company

300 East Cherry Street  
North Baltimore, OH 45872  
T: 419.257.3561 | dsbrown.com  
Philip Renda, President

**125 YEARS**  
Founded 1890

Since 1890, millions have placed their confidence in D.S. Brown products for the reliability and safety that bridge past and future generations. 125 years later, D.S. Brown continues on as an innovative manufacturer of infrastructure materials with installations on signature projects worldwide. Our operations are fully integrated, with synthetic rubber processing, steel fabrication and CNC machining being core competencies. Product offerings include: expansion joints, structural bearing assemblies, spray-applied waterproofing membranes, cable protection systems and concrete repair products.



### Philip Renda, President

*“As we look back over the past 125 years, D.S. Brown has been an important part of the*

*groundwork to create, improve and support our country’s infrastructure. The commitment, passion and talent of our employees have been the keys to our success over the years. We take pride in our products and the contributions we’ve made to the industry, which have allowed for innovative customer solutions on many projects. At D.S. Brown we continue to invest in our employees and processes to drive innovation and continuous improvement, resulting in the best engineered solutions for our customers.”*

## Batson-Cook Construction Co.

817 Fourth Avenue  
P.O. Box 151  
West Point, GA 31833  
T: 706.643.2500 | F: 706.643.2199  
www.batson-cook.com  
Rebecca Gaston, Director of Marketing  
706.643.2533 (direct) | rgaston@batson-cook.com

**100 YEARS**  
Founded 1915

For 100 years, Batson-Cook Construction has been about building—building projects,

building relationships, building a reputation. What began as a partnership between Mr. Batson and Mr. Cook is now one of the Southeast’s premier construction firms. Our projects dot landscapes and define skylines throughout the Southeast, and our relationships now extend to third generations. Our reputation for operating with integrity and building with passion has brought us this far. We are committed to staying the course.



### Randy Hall, President & CEO

*“Leading a company during its 100th anniversary is exciting and sobering: Exciting to celebrate, but*

*sobering to realize that the future starts with you. Batson-Cook’s course was set in 1915 by two men who believed that the right people—in the right positions and doing the right things—would yield the right results. None of us remembers Mr. Batson or Mr. Cook, but we benefit daily from the culture of integrity and passion they cultivated. It’s our privilege to preserve their legacy.”*

## Gannett Fleming

P.O. Box 67100  
Harrisburg, PA 17106-7100  
T: 717.763.7211 x2200 | gannettfleming.com

**100 YEARS**  
Founded 1915

Since 1915, Gannett Fleming has grown to become an ISO 9001:2008 Certified global planning, design, construction management and alternative delivery firm with expertise in transportation, facilities, power, natural resources and water-related markets. Our culture of excellence drives everything we do and powers the way we serve clients, partners and the world around us. Excellence is the beacon that guides us as we improve communities, shape the future, deliver value and amaze our clients.



### William M. Stout, P.E., Chairman & CEO

*“When I speak to our employees about our purpose as a company, I tell them that, although General*

*Electric said it first, we also bring good things to life. The vision for Gannett*

*Fleming is to work with our client partners to improve our communities and sustain our world. We realize that vision by delivering excellent service to our clients on each and every project and continuously improving the quality of our work. Those values have served us very well for 100 years and will continue to do so in the future.”*

## Jaros, Baum & Bolles

80 Pine Street  
New York, NY 10005  
T: 212.530.9300 | jbb.com

**100 YEARS**  
Founded 1915

In its 100 years of business, JB&B has successfully completed more than 10,000 design projects in more than 30 countries and on six continents for corporate owners, institutions and real estate developers as well as city, state and federal agencies. The firm brings to bear its extensive expertise and reputation for quality and innovative engineering solutions to each project it undertakes. JB&B employs cutting-edge engineering technologies that facilitate high-performance building designs for ever-improving engineering solutions.



### Mitchel W. Simpler, Managing Partner

*“JB&B is a firm of real working engineers with incredible ideas, values and work ethic. I am continuously*

*impressed by the creative process executed by our newest generation of design engineers, who tirelessly spawn new ideas. JB&B was built on a foundation forged from a combination of hard work, ingenuity and creative thinking. We will continue to build the firm on these core values by drawing from our creative thinkers tempered by our experienced leaders.”*

## Hoar Construction

Two Metroplex Drive, Suite 400  
Birmingham, AL 35209  
T: 205.803.2121 | hoar.com

**75 YEARS**  
Founded 1940

For 75 years, Hoar Construction’s principled experts and progressive thinkers have worked to build our reputation as a strong, stable company. We do things the right way, because it’s the right thing to



do. Our relentless pursuit of improvement inspires innovation and elevates safety and quality. Details matter. No detail is too small. And no challenge is too big. We keep best practices from yesterday's experiences while always looking for ideas that help us do things better tomorrow.



**Rob Burton,  
President & CEO**

*"We love our industry, and we love building. I'm proud to lead a company and team truly focused on*

*improving our industry, improving the way we build and changing the way we think about how we build. We're going to continue in the next 75 years to make sure we remain focused on being better. We want to be the best builders because that's the kind of challenge that makes us tick."*

**Cardno**

Global HQ: Level 11, Green Square, North Tower  
515 St. Paul's Terrace  
Fortitude Valley Qld 4006, Australia  
T: +61 7 3369 9822 | cardno.com  
Americas HQ: 10004 Park Meadows Drive, Suite 300  
Lone Tree, CO 80124  
T: 720.257.5800 | cardno@cardno.com  
Global: Graham Yerbury, CEO  
Americas: Paul Gardiner, President

**70 YEARS  
Founded 1945**

Founded in 1945 as an engineering consultancy, Cardno is an infrastructure and environmental services company with expertise in the development and improvement of physical and social infrastructure for communities around the world. Cardno's team includes leading professionals who plan, design, manage and deliver sustainable projects and community programs. Cardno's multidisciplinary expertise delivers solutions that address challenges in markets including real estate, industry, mining, oil and gas, power, transportation, emerging markets, defense, government and more.



**Paul Gardiner,  
President**

*"Cardno is proud to be celebrating 70 years of shaping the future for communities around the world. We*

*have grown from a local engineering consultancy into a global firm that provides our clients with seamlessly integrated engineering, environmental, construction and business solutions. Our 300 offices worldwide allow us to provide local knowledge and personal service delivery with global expertise."*

**HOK**

10 South Broadway, Suite 200  
St. Louis, MO 63102  
T: 314.421.2000 | hok.com  
Patrick MacLeamy, Chairman & CEO  
Bill Hellmuth, President

**60 YEARS  
Founded 1955**

In 1955, George Hellmuth, Gyo Obata and George Kassabaum founded an architectural firm in St. Louis with a vision for creating a diverse practice committed to using design to help its clients succeed and creating places that enrich people's lives. Over the past six decades, this vision has guided HOK's growth into a global design, architecture, engineering and planning leader with 1,800 people in 24 offices.



**Patrick MacLeamy,  
Chairman & CEO**

*"It is the great privilege and responsibility of HOK's current leaders to build on*

*the innovative vision of our founders to provide clients with teams of highly focused design specialists in their specific markets and building types. With our recent acquisition of 360 Architecture and launch of a sports + recreation + entertainment practice, we continue to strengthen our ability to offer design excellence and market-focused experts to clients worldwide."*

**Nicholson Construction Company**

12 McClane Street  
Cuddy, PA 15031  
T: 412.221.4500 | nicholsonconstruction.com  
Contact: Steve Scherer, President

**60 YEARS  
Founded 1955**

Nicholson has been both a leader and an innovator in the geotechnical construction industry for 60 years. With regional offices across the country and headquarters located in Pittsburgh, Nicholson is a nationally renowned specialty contractor, offering

proven expertise in the design and installation of deep foundation elements, earth retention systems and ground treatment solutions. We pride ourselves on our ability to consistently provide our clients with innovative, high-quality design-build options for projects of varying size and complexity.



**Steve Scherer,  
President**

*"I'm honored to be part of Nicholson Construction as we celebrate our 60th year. Nicholson has a*

*long-standing reputation for expertise, innovation and leadership. Over six decades, we have worked with and for some of the best people and companies in the industry. Our future is bright—and we are looking forward to another 60 years of success."*

**Smith, Currie & Hancock LLP**

2700 Marquis One Tower  
245 Peachtree Center Avenue, NE  
Atlanta, GA 30303  
T: 404.521.3800 (office) | smithcurrie.com

**50 YEARS  
Founded 1965**

The attorneys of Smith, Currie & Hancock LLP have provided a broad spectrum of legal services on contractual, environmental and other matters to construction clients and other government contractors for 50 years. We focus our collective efforts on providing timely, common sense solutions to the legal and business problems that confront members of the specific industries we serve. The firm has offices from coast to coast, and has nationally recognized practices in the areas of construction law, government contracts and environmental law. The firm represents clients in all 50 states, as well as Puerto Rico, Mexico, Canada, Central and South America, Europe, Africa and Asia.



**Bob Chambers,  
Managing Partner**

*"2015 marks Smith, Currie & Hancock's 50th anniversary. We are honored to be able to celebrate 50*

*years of service to our clients. We are grateful to each and every client who has placed their trust in us over the past*

five decades. We know that trust has to be earned each time it is given, and we look forward to continuing to earn that trust for many decades to come. We are committed to service to the construction and government contracting industries, the highest standards of integrity, hard work, diligence and dedication to our clients' best interests. We intend to continue to honor those values in the coming decades, just as we have for the past 50 years."

**Vanir Construction Management, Inc.**

Corporate HQ: 4540 Duckhorn Drive, Suite 300  
Sacramento, CA 95834  
T: 888.912.1201 | www.vanir.com

**35 YEARS**  
*Founded 1980* Vanir Construction Management, Inc. is a leading provider of program, project and construction management services. With a staff of nearly 375 professionals, we take pride in our ability to provide solutions for success in delivering quality projects. Vanir's progressive growth and high quality of service position us among the most respected firms in the industry, and we remain committed to meeting the needs of our clients and serving the communities in which we work.



**John Kuprenas, President**  
*"In today's market, the construction management industry is an exciting place to be. Traditional*

*services are evolving, new delivery systems are becoming commonplace, and new competition is entering the market. Adaptable firms will be successful—those who innovate, participate in at-risk and P3 opportunities, and effectively control costs to remain competitive. We are well positioned to continue as an industry leader and are excited about the years ahead!"*

**JWR Construction Services, Inc.**

1311 W Newport Center Drive, Suite C  
Deerfield Beach, FL 33442  
T: 954.480.2800 | jwrconstruction.cc  
Contact: Lisa D'Addio, ldaddio@jwrconstruction.cc or 954.857.5196 (cell)

**30 YEARS**  
*Founded 1985* Founded by Jerry DuBois, CGC and William J.

Gallo, AIA, JWR Construction Services, Inc. provides design-build, general contracting, construction management, owner agency and pre-construction consulting for clients throughout South Florida. Our expertise in higher education, senior care environments, financial services, retail, food service, hospitality and industrial projects delivers solutions for the unique needs of each owner. Our belief that communication is at the heart of successful construction projects, coupled with our strong buying power and talented team of professionals, means that JWR is uniquely qualified to deliver the quality CM at risk, design-build and/or general contracting services your project deserves.



**Jerry DuBois, President**  
*"Our philosophy is to do many things for a few clients instead of vice versa."*

**DPR Construction**

1450 Veterans Boulevard  
Redwood City, CA 94063  
dpr.com  
Contact: Doug Woods,  
Co-Founder and Member of  
DPR's Management Committee  
T: 650.474.1450

**25 YEARS**  
*Founded 1990* DPR Construction is a unique technical builder with a passion for results. Founded in 1990 by Doug Woods, Peter Nosler and Ron Davidowski, the employee-owned general contractor specializes in technically complex and sustainable projects for the advanced technology and mission critical, life sciences, healthcare, higher education and corporate office markets. Armed with the purpose of building great things, DPR boasts an annual volume of approximately \$3 billion and 3,000 professional staff and craft employees nationwide. DPR has 20 offices across the nation in Arizona, California, Colorado, Florida, Georgia, Maryland, North Carolina, Texas and Virginia. For more information, visit www.dpr.com.



**Co-Founders Doug Woods, Peter Nosler and Ron Davidowski**  
*"Construction is a service business. It's our job to take care of customers and consistently deliver the highest quality facilities quickly and at the lowest possible cost. To achieve this goal, we must continue to hire, inspire, develop and grow the best people. We must also build and nurture a culture of trust that encourages empowerment and innovation, providing the flexibility to do great things for our employees, customers and business partners."*  
— Doug Woods

**EHC, Inc.**

1360 Rail Head Boulevard  
Naples, FL 34110  
T: 239.592.0828 | EHCconstruction.com  
EHC on LinkedIn  
Contact: Jeff Hunt, CEO

**25 YEARS**  
*Founded 1990* EHC, Inc. is a construction company that provides pre-construction, earthwork and infrastructure services. Established in 1990, EHC has grown from two employees working out of an on-site trailer to over 70 employees, a corporate office, a fleet of equipment and a network of partners. EHC remains committed to excellence from pre-planning to project completion through the latest technology, proven processes and an experienced team. With a schedule-driven approach, EHC delivers complete solutions tailored to your needs.



**Jeff Hunt, CEO**  
*"We started with one project for one client. Over the 25 years, EHC has completed hundreds of projects worth hundreds of millions of dollars throughout Southwest Florida. We attribute our success to continually finding efficiencies, ability to make quick changes, adapting to change and, above all, to our people—especially to partner and brother Greg Hunt and to co-owners vice president Tony Hamilton and general superintendent Shane Graves."*



# BRIDGING THE WORLD FOR 125 YEARS

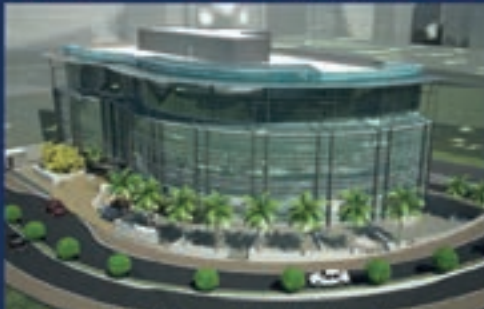
Since 1890, millions have placed their trust in D.S. Brown for the reliability and safety that bridges past and future generations. 125 years later, D.S. Brown continues as an innovative manufacturer of infrastructure materials with quality bridge products installed on signature spans worldwide.

Bridge the World with Leading Infrastructure Solutions



**AMG AL AMAR** Consulting Group S.A.  
مجموعة العمار الاستشارية ش.م.م

SUCCESS IS A JOURNEY .. PERFECTION IS A GOAL ..



20 Street 302, New Maadi, Cairo, Egypt  
P.O. Box 50, Sakr Koraish, Maadi 11931

Tel: +20 - 2 - 2517 76 70  
Fax: +20 - 2 - 2517 76 76

**Odebrecht USA**

201 Alhambra Circle, Suite 1000  
Coral Gables, FL 33134  
T: 305.341.8800 | odebrechtusa.com  
Gilberto Neves, CEO

**25 YEARS**  
Founded 1990

As a leader in engineering and construction services, Odebrecht USA has been responsible for major infrastructure projects around the country, serving various state departments of transportation, the U.S. Army Corps of Engineers, port and airport authorities, and other private and public enterprises. Odebrecht USA is proud to have been a part of building many iconic projects, such as the Seven Oaks Dam in California, the Grand Parkway in Houston, and Miami International Airport's North and South Terminals.



**Gilberto Neves, CEO**  
*"From the beginning of our operation in the U.S., our metric of success has been our clients' satisfaction. We have achieved this*

*by always delivering projects on time and on budget. Of course, this would not have been possible without our incredible team made up of local talent we have developed and retained throughout the years. As we look toward our future, we are excited to keep growing our business in Florida, Texas and other states."*

**AMG Al Amar Consulting Group S.A.**

20 Street 302, New Maadi, Cairo, Egypt  
Mailing Address: P.O. Box 50  
Sakr Koraish, Maadi 11931  
T: +20-2-2517 76 70 - 5 | F: +20-2-2517 76 76  
alamargroup.com  
Contact: Wahid Michel, President & CEO  
Mobile: +20 - 100 - 523 47 25  
e-mail: wahid@alamargroup.com

**20 YEARS**  
Founded 1995

Founded in 1995, AMG is a leading A/E consulting firm, internationally recognized for delivering benchmark architectural and engineering design, project management as well as construction supervision services, across Egypt, Middle East and Africa. AMG has a total workforce of over 500 permanent employees. Over a distinguished 20-year track record, AMG has scored numerous landmark projects, covering all building sectors including

industrial, power plants and infrastructure, whilst establishing strong partnerships with the world's top corporate institutions.



**Wahid Michel, President & CEO**  
*"I am very pleased to report that 2014 was an exceptional year for AMG Al Amar Consulting Group S.A.*

*of Cairo, Egypt. Over the past years, AMG was not only targeting top-quality customers through its high-quality performance, but was also aiming at being globally recognized as an A-Class international engineering/architectural consulting firm. We effectively worked all year long to continue transforming AMG, and position ourselves as one of the top international design firms. Our adherence to a long-term strategic plan is keeping the company on a path of steady and profitable growth. On this occasion, I would like to extend my sincere thanks and appreciation to all our clients and employees, who are always behind our successful professional journey."*

**BI Group**

Kazakhstan, Astana, 010000  
Bokeihan str, 24  
T: + 7 (7172) 79 64 00 (x122) | bi-group.kz  
Contact: Metin Palik, palik\_m@bi-group.kz

**20 YEARS**  
Founded 1995

BI Group is a renowned leader in the construction industry of Kazakhstan and the only Kazakh Company listed in ENR rankings. The vast portfolio of the company includes residential and business construction projects, roads and highways, railways, and civil, logistical and industrial infrastructure. BI Group has broad construction experience throughout the entire territory of Kazakhstan and in Russia. BI Group is looking forward to entering the construction markets of other Commonwealth of Independent States (CIS) countries, Asia and Eastern Europe.



**Aidyn Rakhimbayev, Chairman**  
*"BI Group's 20 successful years make us feel proud of our*

*efforts and encourage us to continue further development. As leaders in the construction industry of Kazakhstan, we are looking up to the Top 100 construction companies worldwide, actively cooperating with them and continually adopting their advanced experience in construction and management strategies. The reputation of our company is due to the multi-level quality control of construction projects and to the constantly increasing productivity of our specialists. We are looking forward to the new productive collaborations with our partners in Kazakhstan and worldwide."*

**Hargrove Engineers + Constructors**

Corporate HQ: 20 South Royal Street  
Mobile, AL 36602  
T: 877-388-8356  
hargrove-epc.com

**20 YEARS**  
Founded 1995

Celebrating 20 years of service, Hargrove Engineers + Constructors is an employee-owned, full-service EPC, automation, life sciences and technical services firm serving industrial clients in all phases of project execution. Headquartered in Mobile, Ala., with 10 offices throughout the United States and over 950 Teammates, Hargrove attributes its success to building solid relationships with its clients, having the right people, in the right place, at the right time, and focusing on delivering projects safely and with the highest quality.



**Ralph A. Hargrove, President**  
*"Over the past 20 years, Hargrove has changed dramatically*

*from a one-person office to over 950 Teammates in 10 offices from Philadelphia to Houston. One thing that hasn't changed is our core values—including the importance of building lasting relationships with our clients. The impact Hargrove makes in our communities by working as One Team and our commitment to giving back to those areas in which we live and work through the Hargrove Foundation make me extremely proud."*





25 YEARS STRONG  
1990 - 2015



**Quality Site Solutions From Experienced Contractors Who Know**

Since 1990, EHC provides Pre-Construction, Earthwork and Infrastructure Services for municipalities, developers, builders, owners and general contractors. From the roads we drive on, the communities we live in, and the retail we frequent - EHC delivers quality solutions.



*When Quality Counts Contact EHC Today!*

Call Tony at 239-254-6050 | [EHCconstruction.com](http://EHCconstruction.com)

1360 Rail Head Boulevard Naples, Florida 34110

CGC014953 & CGC1516554



*We sincerely thank our families, friends, and industry for your support.*

**RESPECT | SAFETY | ENVIRONMENT**

"It's best to know who you are working with—not just what you are working on"



**MONKS CONSTRUCTION**

**HEAVY CIVIL CONSTRUCTION | INFRASTRUCTURE SERVICES**

Colorado Springs, CO • Irving, TX  
[remonks.com](http://remonks.com)



## History in the Making

# 25 Years of Building Great Things

### Shortly after DPR Construction

was founded by Doug Woods, Peter Nosler and Ron Davidowski in July 1990, the Persian Gulf War began, and by September of that year the U.S. had entered a major recession.

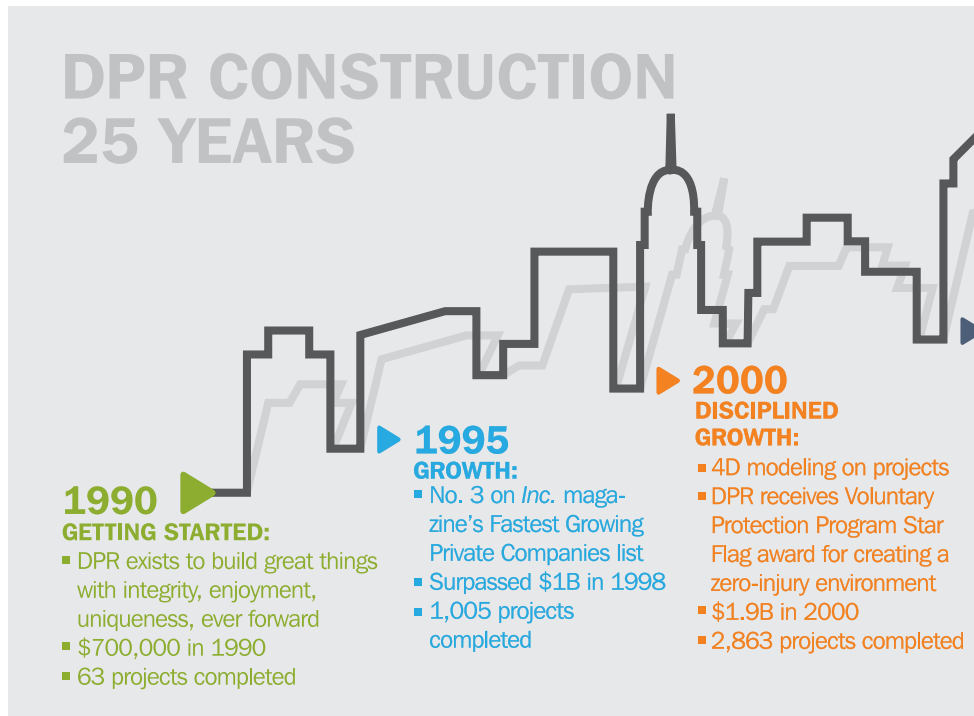
“Starting a company in a market that was in a state of flux was a bold move,” said Nosler. A quarter century later, DPR continues to make bold moves as one of the nation’s top technical builders committed to building lasting relationships and driving positive change throughout the industry.

“We’re fortunate to work with great customers, who have literally changed the world with their discoveries and new technologies,” said Woods.

### Building a Legacy

Completing more than 8,700 projects, totaling some \$29.7 billion, DPR has had the opportunity to work with and learn from some of the most progressive and admired companies, including:

- ▶ The top five biotechnology and pharmaceutical companies in the nation.
- ▶ One of the country’s first hospital companies and leading provider of healthcare services with facilities in 20 states.
- ▶ A world leader in computing innovation that designs and builds technologies essential for today’s computing devices.
- ▶ A worldwide charitable organization that supports victims of disasters and supplies nearly half of the nation’s blood supply.
- ▶ Top web companies that connect billions of people globally with information and each other every day.



### Leading the Industry

Much like the customers DPR serves, the privately held, employee-owned company continues to set new standards in the industry.

Approaching safety as a value, DPR focuses on creating injury-free environments and has achieved one of the best safety records in the country annually. For example, in 2014, DPR had an OSHA incident rate of 1.07 based on more than five million hours worked, compared to the industry average of 3.8.

DPR is also leading the charge in sustainability and net-zero energy

(NZE). With the goal of being environmentally responsible in the way it does business, some of DPR’s accomplishments include:

- ▶ Three NZE-designed regional offices (San Diego, Phoenix and San Francisco) that serve as living laboratories for the latest in sustainability and energy efficiency.
- ▶ Completion of the 50,000-sq-ft David and Lucile Packard Foundation Headquarters in Los Altos, Calif., which is one of the largest NZE-certified buildings in the world.

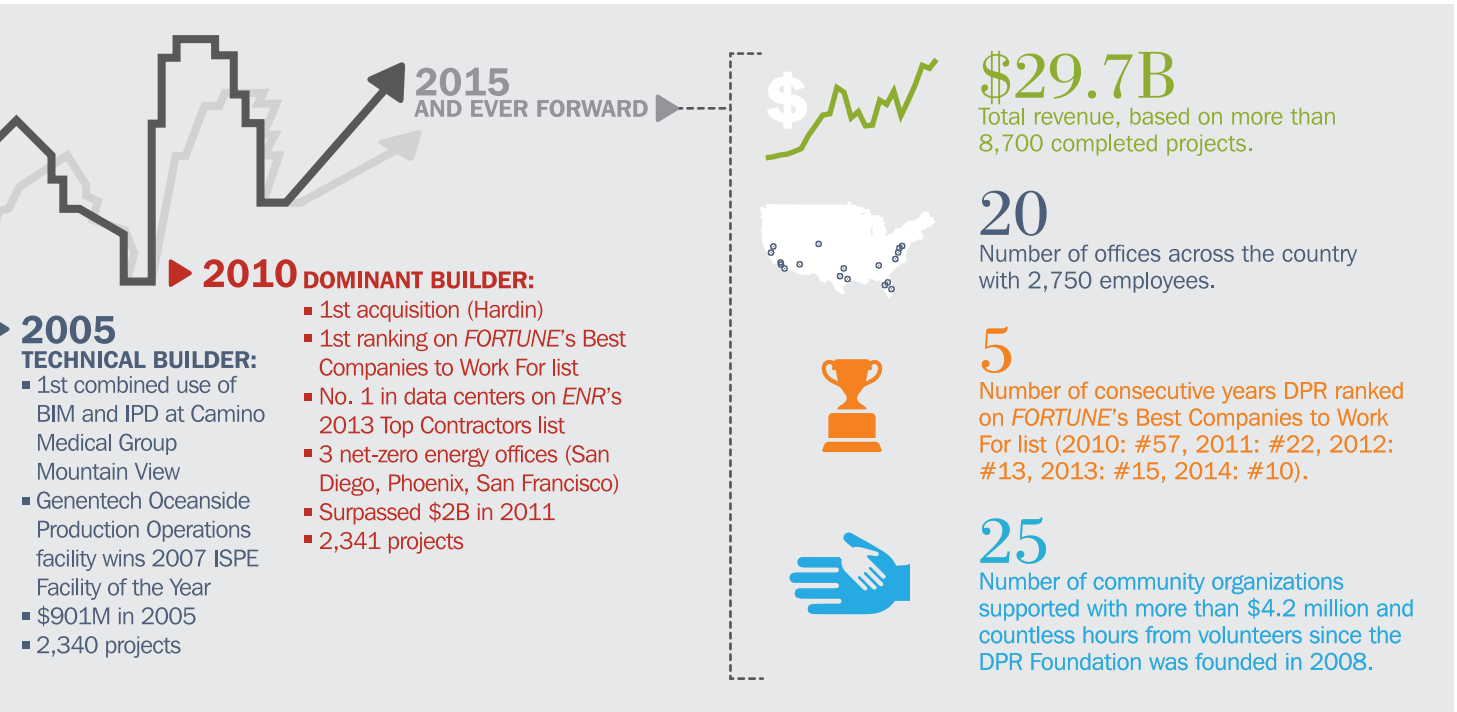


Construction technologies have changed the way we build: 1990 vs. 2015.



UCSF Medical Center at Mission Bay





► A 31% reduction in employee and company greenhouse gas emissions and recognition from the U.S. Environmental Protection Agency (EPA) for surpassing its goal by 6% in eight years.

### Driving Positive Change

Some of the biggest changes over the last 25 years, according to DPR employees surveyed recently, are around safety, the speed of communication, the number of women in construction and the use of technology. To offer some perspective, it was in 1990 that British engineer and computer scientist Tim Berners-Lee developed the World Wide Web and Autodesk shipped AutoCAD Release 11, the first version to allow the installation of a single copy of the program on a network server.

"A lot has changed in the industry,"

said DPR's Bill Helfrich, who specializes in electrical engineering and has been at DPR for 20 years. "We've gone from the architect's hand-drawn sketches to highly detailed models for visualization and prefabrication."

For example, on the recently opened UCSF Medical Center at Mission Bay in San Francisco, the team co-located a year-and-a-half prior to breaking ground to virtually design and construct the 878,000-sq-ft project. The result is one of the greenest urban hospitals in the nation, delivered within budget and eight days early despite implementing nearly \$55 million in changes. The facility also passed the California Department of Public Health's licensing inspections with "no deficiencies," which is unprecedented among new California hospitals. ■



**"We're fortunate to work with great customers, who have literally changed the world with their discoveries and new technologies."**

Doug Woods, Co-Founder, DPR  
(pictured with co-founders Peter Nosler and Ron Davidowski)

For more information about DPR Construction, visit [www.dpr.com](http://www.dpr.com).

# LET'S BUILD SOMETHING BETTER.

HOUSTON, TX



## HEALTHCARE

### BENJAMIN RUSSEL HOSPITAL FOR CHILDREN

Using lean techniques and the latest technology, our progressive thinkers turned challenges into opportunities, delivering a facility that supports one of the top 10 pediatric medical centers in the country.



## HOSPITALITY

### HOTEL ALESSANDRA

An overbuild project in the center of an active, mixed-use development in the heart of downtown, this project requires principled experts who can make a complicated project a well-managed success ready to open in time for Super Bowl LI.



## HOAR CONSTRUCTION

### 75 YEARS

It's a big milestone. We appreciate the dedication and wisdom of those who came before us and the energy and drive of our current associates. We look forward to our next 75 years as we blend hard-won lessons learned with cutting-edge tools and techniques that add value for our clients. Let's build something stronger, something even more enduring.







BIRMINGHAM, AL



WASHINGTON, D.C.



### MIXED USE

#### ELYSIUM FOURTEEN

It takes attention to detail to restore and renovate two historic structures, both over 100 years old, and join them with a new 9-story residential facility. And it takes a partnering spirit to do it successfully, making an uninhabitable structure into something spectacular.



hoar.com



*Pioneers Then. Leaders Now.*







In 1965, Smith, Currie & Hancock became one of the first law firms to focus on the unique legal needs of the construction industry. We are proud of our pioneering founders and rich history. And we are optimistic and excited about the future of the industry and our firm. As we cross the bridge into our next 50 years, we know the best is yet to come.

[www.SmithCurrie.com](http://www.SmithCurrie.com)





Odebrecht USA is proud to have been operating in the US for the past 25 years. We would like to extend our gratitude to our Clients for trusting us to build their communities and our Team Members for making it all possible.

"Satisfying each Client as though they were the only Client." - Norberto Odebrecht





## Delivering Global Solutions for 70 Years

**In 2015, Cardno celebrates** 70 years of shaping the future for communities around the world. In 1945, two entrepreneurial engineers, Gerry Cardno and Harold Davies, recognized the huge potential growth in post-World War II Australia and founded the engineering consultancy Cardno & Davies. Their foresight and spirit continue today with Cardno, a professional services company that now provides a wide range of engineering, construction, environmental and field services to their clients.

Cardno's recognized professionals deliver value and preferred business outcomes to leading companies and governmental agencies around the world. Their goal is to create and manage efficient and sustainable solutions that benefit their clients and communities. Cardno has more than 8,000 staff worldwide delivering physical, environmental and social infrastructure projects in over 100 countries. To provide ease of access and mobilization of resources, Cardno has geographic reach to provide localized expertise and personalized service delivery along with global reach and big-firm capability. Throughout North and Latin America alone, Cardno has more than 4,700 professionals and 240 offices.

From its beginning, one of Cardno's core values has been treating clients as partners, and that value has driven Cardno's growth over the years. To meet clients' growing needs and challenges,



Brian Rupert of Cardno's Government Services Division loads detailed facility equipment data into the Coast Guard's Computerized Maintenance Management System (CMMS, Maximo).

Cardno has strategically expanded its service offerings and specialized areas of expertise.

Cardno's extensive network of professionals provides efficient and innovative solutions by working as multidisciplinary teams serving all types of private industries and public and governmental entities. Cardno teams

help their clients navigate complex project and operational challenges by applying their collective experience in innovative ways that add value. Their big-picture perspective and seamlessly integrated engineering, environmental, construction and business services resolve challenges across the full project and operations life cycle. ■

For more information, visit Cardno online at [www.cardno.com](http://www.cardno.com).



## CardnoKnows how to deliver long-term value

Since 1945, Cardno has helped clients navigate complex engineering, construction, and environmental challenges.

Our engineering and environmental expertise delivers strategic, innovative business solutions that drive long-term success for our clients. With more than 200 offices across the Americas and more than 8,000 global staff supporting projects around the world, Cardno has the local presence and global reach to meet your needs from project concept to completion.

To learn more about Cardno's 70 years of engineering and environmental experience, visit [www.cardno.com](http://www.cardno.com).

**70** YEARS of shaping the future  
1945-2015

**Cardno**<sup>®</sup>  
Shaping the Future

# HEADING FOR NEW HORIZONS



BI Group is a renowned leader in the construction industry of Kazakhstan  
and the only Kazakh Company listed in ENR rankings  
**(#189 in the ENR Top 250 Global Contractors list for 2014)**



## “We Build Happiness!”

**BI Group is a** renowned leader in the construction industry of Kazakhstan. The total revenue of the company has grown 26.9 times in 5 years and has reached \$1.33 billion by the end of 2014.

The key factors of BI Group’s rapid growth are production diversification, an extensive quality control on all the stages of the construction process, and applying the best practices and know-how of the world’s leading construction companies.

BI Group today is made up of two groups of companies specialized in tender and developing construction projects.

BI Group Construction is actively participating in the following key infrastructure and civil construction projects:

- ▶ International pavilion of EXPO–2017 Astana World Expo
- ▶ “SEZ Khorgos–Eastern Gate” logistics terminal on the China-Kazakhstan border with a cargo turnover of more than 10 million tons
- ▶ Bridge across the Irtysh river, total length more than 12 km (7 miles) long
- ▶ Tulpar Talgo high-speed railway coach factory in Astana
- ▶ Nazarbayev Intellectual schools in Astana and regional centers of Kazakhstan. These are centers of excellence for the implementation of world-class educational standards.

BI Group Construction is providing more than 20% of all the road construction works in Kazakhstan annually. The group has built more than 1,000 km (600 miles) of highways and more than 700 km (400 miles) of railways throughout the country.

BI Group Development is the largest real estate construction company in Kazakhstan and has completed a total of 1.4 million sq m (15 million sq ft) of residential and business projects.

As part of EXPO-2017 Astana, BI Group Development is carrying out the BI City project on the left bank of the Kazakh capital, totaling more than US\$2.5 billion. The total area of the project is 126 hectares (300 acres); the estimated area of the residential



and business real estate to be built amounts to 1.5 million sq m (16 million sq ft). The “Green Quarter,” developed in collaboration with AEDAS (UK) and AECOM (Australia), will occupy the central part of the BI City and be built according to LEED® standards. The “Green Quarter” is an innovative construction project with integrated parks, water bodies and a biodome where the subtropical climate will be created.

The dynamic growth of the human capital in the company is ensured by continuous training of more than 35% of the staff at the BI Group Corporate University. Today, BI Group employs more than 600 engineers and designers and more than 80 MBA graduates.

More than half a million people occupy our buildings, more than 1.5 million cars pass the roads created by our specialists each month, and more

than 30 million tons of cargo annually is transported by railways built by BI Group. We are creating happiness, we appreciate our partners’ trust and we make every possible effort to live up to the expectations of our clients.

Our broad experience and vast resources allow us to implement new strategic goals and to address new clients on the international markets. Our current aim is to sign new construction contracts for the infrastructure, industry and development projects in the Commonwealth of Independent States (CIS) countries, Asia and Eastern Europe.

BI Group is a dedicated team of professionals that considers the first 20 years of successful growth as a promising beginning of new, more complex and challenging projects worldwide. ■





HISTORY CAN'T BE WRITTEN WITHOUT A STORY, THANK YOU FOR LETTING US BE A PART OF YOURS.



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#GannettFleming100



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*100 Years*

*of Excellence Delivered As Promised*

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**ISO** 9001:2008  
CERTIFIED



# Gannett Fleming Celebrates 100 Years

## In the Beginning

When Farley Gannett partnered with Theodore Seelye to form “Farley Gannett, Consulting Engineer” in Harrisburg, Pa. on August 1, 1915, they never imagined that 100 years later as Gannett Fleming, their company would be shaping infrastructure and improving communities around the globe through more than 65 offices and 2,000 employees.

Gannett and Seelye had big ideas that helped advance America’s infrastructure. Indeed, the firm’s history has closely paralleled the history of infrastructure systems in the U.S. during the 20th and 21st centuries. Rapid growth and regulations drove the need for transportation, safe drinking water, flood and pollution control and other engineering services.

## Then and Now

From managing the flow of Mill Creek in Erie, Pa., after the 1915 flood to foundation grouting of high-hazard dams for the Corps of Engineers using computers to monitor and analyze the process, water resource projects have always been a part of Gannett Fleming. The company also played a major role in the design of America’s first superhighway, The Pennsylvania Turnpike, and has designed and managed the construction of widenings and extensions of many Interstate Highway System segments.

During World War II, Gannett Fleming designed barracks, warehouses and the related infrastructure to prepare Fort Indiantown Gap to house and train 20,000 troops. In 2013, it designed new troop training quarters for the same fort and earned LEED® Gold certification.

Flooding also led to the design and construction of a source of supply for the City of Harrisburg, Pa., when the 1936 flood inundated the river-level treatment plant. Water and wastewater treatment and distribution/collection systems including the award-winning Forest Park Treatment Plant in Chalfont, Pa., continue to be a mainstay of the firm’s service lines.

During the 1920s, the company acquired electric utilities in the United States and South America, designed and

built improvements, integrated systems, and eventually sold them to do it all over again elsewhere. Today, it is engineering, procuring and constructing improvements to electric utility substations through the Mid-Atlantic.

Gannett Fleming began work for mass transit agencies more than 50 years ago, designing and managing the construction of the Lindenwold Line in New Jersey. In 2015, the transit and rail practice is one of the firm’s largest with assignments involving track, signals and communication, electrification and maintenance facilities.

## Excellence Delivered As Promised

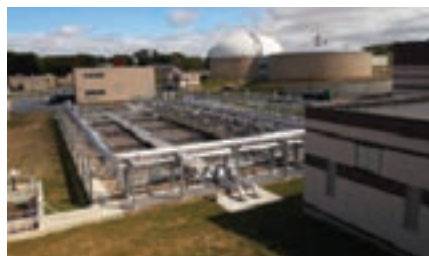
Key to our success is the expectation we place on ourselves. “Excellence Delivered As Promised” is the company’s standard. It represents our commitment to you, our valued clients and industry partners. It’s our earnest pledge to deliver excellence in all of our endeavors and to keep our promises without exceptions. To say what we do and do what we say. It’s the core of who we are as a firm and the foundation on which all of our relationships and projects are built.

Gannett Fleming has served as a partner in global infrastructure for 100 years, helping improve communities through transportation, water, power, natural resource and facility-related projects in more than 65 countries. It is consistently ranked among the top 1% of engineering companies worldwide, and is one of only a handful to be ISO 9001:2008 certified.

As a major contributor to American engineering history, Gannett Fleming has one of the most diverse ranges of service offerings found in one firm. And its consistently high client satisfaction evaluation rankings demonstrate its dedication to serving clients and meeting their needs.

## The Next Century

The company has come a long way since its modest beginning 100 years ago. Gannett Fleming has evolved into a true multidisciplinary firm with an industry-wide reputation for putting the right people and processes in place to create award-winning project solutions that inspire client confidence, shape the built environment and spur innovation. It is well on its way to pioneering the contributions that will improve the global community, sustain our world and advance the engineering industry through the next century. ■



**TOP LEFT** Gannett Fleming was the prime design consultant and provided construction services for the reconstruction of the fire-ravaged Harrisburg, Pa., I-81 interchange.

**TOP RIGHT** Gannett Fleming designed Arizona’s Tempe Town Lake downstream replacement dam. It will be one of the largest crest gate systems of its kind in the nation.

**BOTTOM LEFT** Gannett Fleming was responsible for design and construction management of the \$50-million plant upgrade and expansion for the City of Lebanon Authority Wastewater Treatment Plant, Lebanon, Pa. **BOTTOM RIGHT** Gannett Fleming was engineer for the George Street Bridge, New Brunswick, N.J., the world’s first bridge to combine precast concrete arches with lightweight cellular concrete overfill.

## 60 Years of Solid Ground

Elvis Presley's "Hound Dog" was number one on the charts, minimum wage was one dollar and the first-ever McDonald's was constructed in 1955—the year that Nicholson first opened its doors. A lot has happened in 60 years. With all of the advances in technology, machinery and techniques—one thing has remained constant—Nicholson always loves a good challenge.

Over the years, the company has kept Mandalay Bay from sinking into the sands of Las Vegas, raised the Provo Temple out of the grounds of Utah, kept the waters of the Hudson River back at the World Trade Center, made the ground stronger for tunnelers and has repaired more than 100 dams.

These days, you can find the company doing what it does best—building strong foundations for projects across the country and training the next generation of geotechnical experts.



Nicholson Construction completed critical foundation elements of the bus ramp for the new \$4.5-billion Transbay Transit Center in San Francisco.

Nicholson has built a history that it's proud of and laid the foundation for a bright future. ■

*For more information on Nicholson Construction Company, visit [nicholsonconstruction.com](http://nicholsonconstruction.com).*

# SIX DECADES OF SOLID GROUND.

