

VOL. 33, NO. 2 | SUMMER 2015

# SUPERSTRUCTURE

## Team Turns Chicago River into an Asset

on 150 North Riverside

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**CLARK**  
CONSTRUCTION



# WE MADE A **BIG** FIRST IMPRESSION IN THE SECOND CITY



**O**UR FIRST THREE CHICAGO-AREA PROJECTS were awarded in 1992 - within four months of one other - and represented nearly \$1 billion of work. With teams currently building a headquarters for State Farm Insurance, the U.S. Postal General Mail Facility, and the 2.9 million square-foot South Building Expansion to the McCormick Place Convention Center, we established a permanent office in the Windy City and have been shaping the local landscape ever since.

Chicago is home to our Northern Region operations. From this location, Clark has completed work throughout the Midwest, including multiple projects at Naval Station Great Lakes and Argonne National Laboratory, as well as city-defining landmarks such as Milwaukee's Miller Park and Nashville's Music City Center.

Our Chicago projects take center stage in this issue of *Superstructure*. Two of our newly-awarded projects continue a long-standing relationship with the city's Metropolitan Pier and Exposition Authority and return us to the McCormick Place campus. A third project, the 54-story 150

North Riverside office tower, posed complex engineering challenges that required a creative construction approach. One of our features this issue shows off our team's innovative solution to this logistical obstacle.

Finding innovative solutions to complicated problems isn't a trait unique to our Northern Region as articles in this edition of *Superstructure* attest. But, maybe there's something about the Chicago market—the long, cold winters, the skyscraping landscape, and our clients' desire to push the boundaries

*Over the past two decades, we have delivered nearly \$4 billion of work in Chicago.*

of design, sustainability, and functionality—that innately breeds innovation.

As our Chicago office approaches a quarter-century in the city, we continue to make a big impression with projects that change how the city works, lives, and learns.

## SUPERSTRUCTURE

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CONSTRUCTION



# SUPERSTRUCTURE

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Photo by: Kyle Smith

## 150 North Riverside

To bring the 54-story office building to life, the project team must overcome unique challenges

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Mr. Clark lived by his core values of integrity, trust, quality, and giving back

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### ON THE COVER

150 North Riverside begins to rise on the west bank of the Chicago River

Photo by: Alex Goykhman / Goykphoto

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# New Event Center and Headquarters Hotel Coming to McCormick Place Campus

**One of the largest convention facilities in North America** is expanding. The Metropolitan Pier and Exposition Authority (MPEA) has awarded Prairie District3 Partners, a Clark-led joint venture, \$500 million in design-build contracts to add a 1,200-key headquarters hotel and 10,500-seat event center to Chicago's McCormick Place campus.

The 40-story headquarters hotel, which will operate as a Marriott Marquis, will feature 60 specialty suites, ballrooms, banquet and meeting facilities, below-grade parking, retail space, a fitness center, and a large restaurant and bar on the ground level. As part of the scope of work, the joint venture will renovate the historic American Book Company Building to include additional meeting rooms and hotel administrative spaces, and incorporate the existing structure into the new tower.

Prairie District3 Partners also will construct multiple pedestrian bridges to connect the hotel with the event center and other campus facilities to the south.

The Event Center will be located across Prairie Avenue from the new hotel, just north of the convention center. Wrapped in glass and other translucent materials, the arena will include general admission and club

seating, 22 suites, team and support service spaces, broadcast facilities, and food and beverage concessions. The multipurpose arena will be home to DePaul University's men's and women's basketball teams and also will host concerts, special events, and general sessions for McCormick Place conventions.

The hotel is designed for LEED® Silver certification and the Event Center is designed to earn LEED certification. Construction of both projects will begin this year with substantial completion anticipated by fall 2017.

Gensler produced the hotel's original design and bridging documents and Pelli Clarke Pelli had the same role for the Event Center.

The Chicago-based Prairie District3 Partners joint venture includes Clark Construction Group-Chicago, LLC, Bulley & Andrews, Goettsch Partners, McKissack & McKissack, Moody Nolan, Inc., and Old Veteran Construction, Inc.

Clark has delivered multiple McCormick Place projects for the MPEA, including the convention center's 2.9 million square-foot South Expansion in 1996, the 2.8 million square-foot West Expansion in 2007, and the 2013 expansion and renovation of the Hyatt McCormick Place. ■

Rendering courtesy of Kilgraph



Rendering courtesy of Kilgraph







## New Contracts

Across the country, and in a variety of markets, Clark Construction Group, and our subsidiaries, have recently been selected to deliver a number of new projects. This quarter, our new work includes:

### MIXED USE

#### West End Square 37

*Construction of a mixed-use development to include 71 condominiums, 93 apartment units, a 20,000 square-foot library, and street-level retail*

**Location:** Washington, D.C.

**Company:** Clark Construction Group

**Client:** EastBanc, Inc.

**Architects:** TEN Arquitectos and WDG Architecture, PLLC

**Contract Amount:** \$107 million

**Completion:** Winter 2017

#### 1812 Ashland Avenue

*Construction of a 175,000 square-foot core and shell building that will include laboratory, office, and retail space*

**Location:** Baltimore, MD

**Company:** Clark Construction Group

**Client:** FC 1812 Ashland, LLC

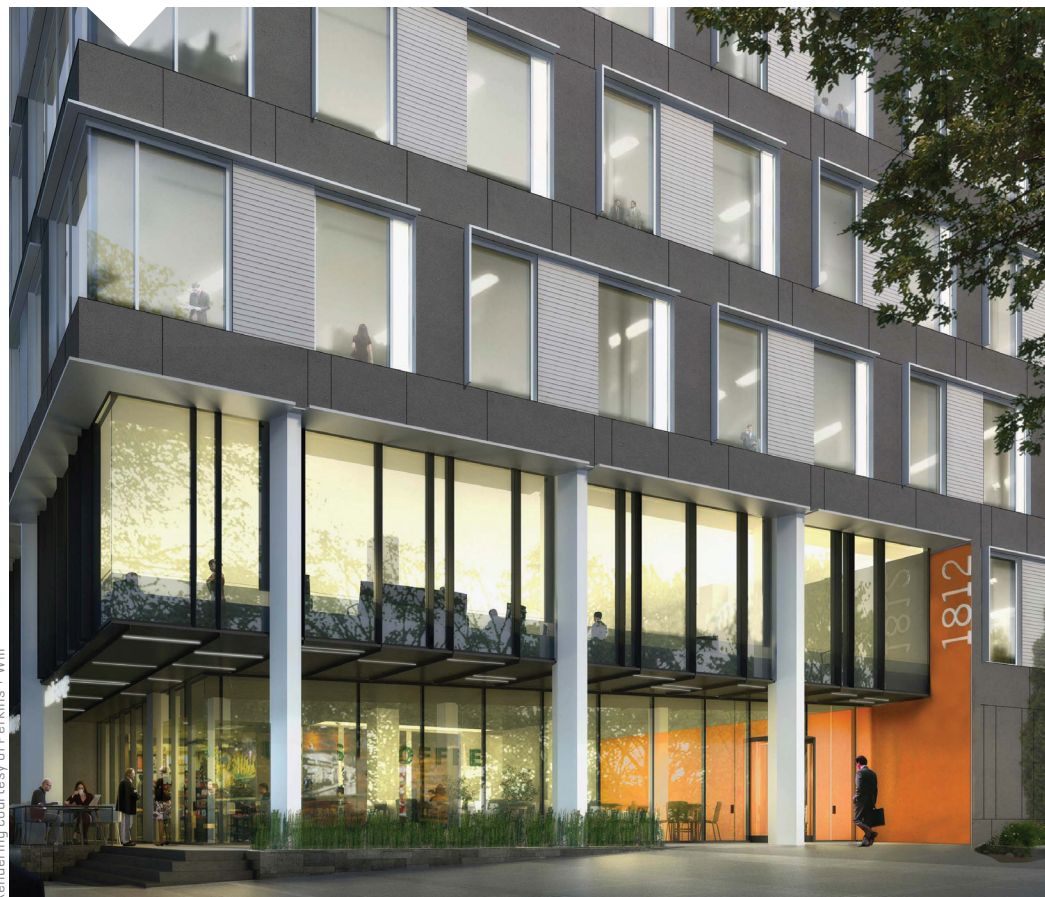
**Architect:** Perkins + Will

**Contract Amount:** \$26 million

**Completion:** Spring 2016



Rendering courtesy of TEN Arquitectos



Rendering courtesy of Perkins + Will

### AVIATION

#### United Airlines Mod 1 and 2 Redesign and Break Room Refresh

*Renovation of existing ticket counters and refreshing eight employee break rooms at San Francisco International Airport*

**Location:** San Francisco, CA

**Company:** Clark Construction Group

**Client:** United Airlines

**Architect:** RIM Architects

**Completion:** Fall 2015

#### United Airlines BAE Club at SFO

*Renovations and improvements to Boarding Area E (BAE) Club at San Francisco International Airport*

**Location:** San Francisco, CA

**Company:** Clark Construction Group

**Client:** United Airlines

**Architect:** Solomon Cordwell Buenz

**Completion:** Fall 2015



## HIGHWAY

### I-64 Capacity Improvements Segment I

*Expansion of nearly six miles of highway along the median of I-64's east- and west-bound lanes*

**Location:** Newport News, VA

**Company:** Shirley Contracting

**Client:** Virginia Department of Transportation

**Contract Amount:** \$85 million

**Delivery Method:** Design-Build

**Completion:** Winter 2017

### Route 28 Hot Spot Widening Project

*Expansion of nine miles of roadway through three heavily-congested hot-spot sections*

**Location:** Loudoun and Fairfax Counties, VA

**Company:** Shirley Contracting

**Client:** Virginia Department of Transportation

**Designer:** Dewberry

**Contract Amount:** \$45 million

**Completion:** Spring 2017

### I-90 Keechelus Dam to Stampede Pass Phase 2A

*Reconstruction of a 2.5 mile segment, including lane widening and adding an illuminated chain-up area*

**Location:** Hyak, WA

**Company:** Atkinson Construction

**Client:** Washington State Department of Transportation

**Designer:** Washington State Department of Transportation

**Contract Amount:** \$73 million

**Completion:** Fall 2019

## HEALTHCARE

### Inova Fair Oaks Hospital Surgery Expansion, Additions, and Alterations

*Renovation of 29,000 square feet of existing medical and surgical space in addition to construction of a two-story surgical department*

**Location:** Fairfax, VA

**Company:** Clark Construction Group

**Client:** Inova Health System

**Architect:** Wilmot Sanz

**Contract Amount:** \$20 million

**Completion:** Spring 2017

### Inova Mount Vernon Hospital Emergency Department Addition

*Construction of a 25,000 square-foot addition to the hospital's existing emergency department and modifications to the ER entrance*

**Location:** Alexandria, VA

**Company:** Clark Construction Group

**Client:** Inova Health System

**Architect:** Wilmot Sanz

**Contract Amount:** \$15 million

**Completion:** Spring 2016



Rendering courtesy of Hickok Cole Architects

## MASS TRANSIT

### Pershing Square Station Enhancements

*Installation of a new canopy and replacement of five elevators at the Pershing Square Station*

**Location:** Los Angeles, CA

**Company:** Clark Construction Group

**Client:** Los Angeles County Metropolitan Transit Authority

**Architect:** Anil Verma Associates

**Contract Amount:** \$15 million

**Completion:** Spring 2017

### East Link Extension Contract E335

*Preconstruction services for a 1.9 mile portion of the Sound Transit East Link Extension project*

**Location:** Bellevue, WA

**Company:** SWI/Atkinson [A joint venture of Atkinson Construction and Stacey and Witbeck, Inc.]

**Client:** Sound Transit

**Designer:** H-J-H Final Design Partners, A Joint Venture

## RESIDENTIAL

### FIRST

*Construction of a 13-story, 325 apartment building and a 12-story, 126,000 square-foot hotel*

**Location:** Washington, D.C.

**Company:** Clark Construction Group

**Client:** McCaffery Interests and Grosvenor Americas

**Architect:** Hickok Cole Architects

**Completion:** Winter 2017

## MINING

### Randolph Mine Decline Rehabilitation

*Installation of 950 structural steel arch supports in two existing openings of an operating limestone mine*

**Location:** Kansas City, MO

**Company:** Atkinson Construction

**Client:** Martin Marietta Materials

**Completion:** Summer 2016



Rendering courtesy of H-J-H Final Design Partners, A Joint Venture



Clark used the Oculus Rift to take representatives from the U.S. District Court's District of California on a virtual walkthrough of the facility's courtrooms.

## Oculus Rift Adds a New Dimension to Courtroom Mockups

**"Oh, this is cool!"** Alan Leslein exclaimed. As the Chief District Architect for the U.S. District Court's Central District of California, Mr. Leslein has spent more than two decades working on building a new Federal Courthouse in downtown Los Angeles. Earlier this year, still 18 months before the 600,000 square-foot building is slated to be complete, Leslein slipped on an Oculus Rift virtual reality headset to walk through one of the facility's courtrooms to inspect its intricate design.

"The ceiling is hard to visualize without this," Leslein noted. "Let's take a look at the walls," he said as he turned his head around the virtual room. "They're subtle, much more subtle than I thought they would be."

To supplement the project's robust mockup program, the LA Federal Courthouse team converted its BIM model into an immersive

three-dimensional experience. Members of the construction, design, and client teams took turns wearing the headset and using an adapted controller to maneuver through the building's spaces. The technology particularly helped the team's sense of spatial awareness: how all of the elements within a room affect and interact with one another.

"It helped me to see the ceiling," said Leslein. "While I understood the general nuances of it, there was a lot of detail there."

The Rift technology, combined with traditional physical mockups, has been integral as the team prepares to construct 24 identical courtrooms in just 12 weeks this fall. The walls of the courtrooms are designed with a textured, scalloped pattern, created by interplay between LED ceiling lights and GFRG wall panels. Through the virtual

environment, the team reconfigured the lights to better achieve the desired effect. The experience also led to further coordination studies related to the wheelchair lift and judge's bench, access flooring and public seating, as well as carpet color selections.

The team incorporated these revisions into the physical courtroom mockup to more efficiently plan for the courtrooms' rapid construction.

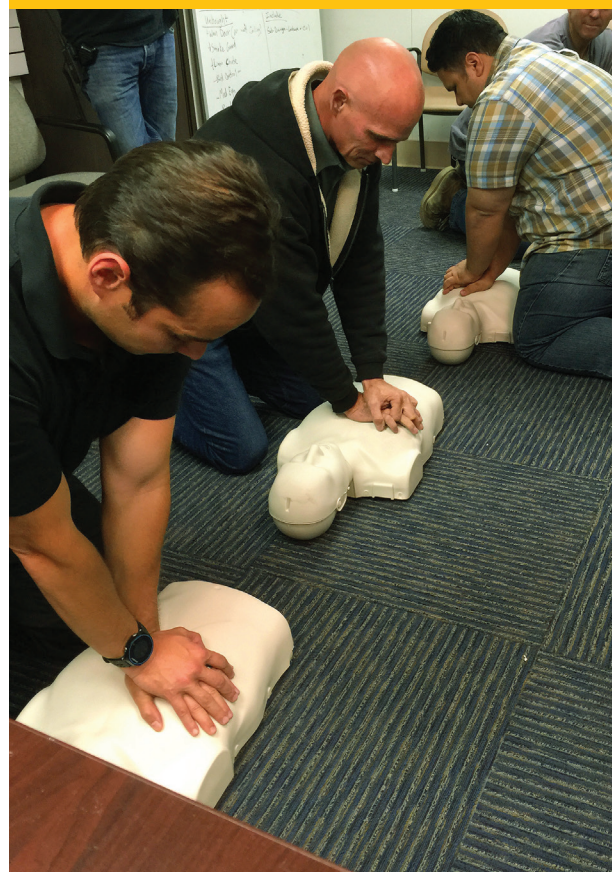
Clark has used Oculus Rift technology on multiple projects to allow our clients—and their buildings' end-users—to better visualize and evaluate their facilities. Our pre-construction, operations, and research and development staff are collaborating to explore additional benefits of this early-stage project visualization technology. ■



# Safety Week: A Time to Celebrate, Reinforce, and Strengthen



*More than 60 Clark and Atkinson project teams across the country "stood down" to kick off Safety Week 2015.*



**Safety is a core value on every Clark project** and, during the first week of May, our commitment to working safely was on full display. Across the country, our project teams took part in Safety Week 2015, a coordinated effort to, in the words of its founders, “inspire everyone in the industry to be leaders in safety.”

At Clark, Safety Week 2015 started by stopping; our project teams across the country held safety stand downs on Monday, May 4, to reflect on their own safe work practices. Later in the week, many project teams participated in OSHA’s second annual National Fall Prevention Stand Down. Some projects, including the Central Place Residential and CEB Tower teams in Rosslyn, VA, and the Los Angeles Federal

Courthouse brought in a third-party expert to host a training.

Other teams turned a portion of their site into an interactive experience, challenging workers to identify potential hazards in a specially constructed area. A handful of projects conducted specialized programs for their workforce. In San Francisco, our team used Safety Week as an opportunity to conduct emergency response drills, while the Ventura County Medical Center Replacement Wing offered First Aid and CPR classes to the entire team. Project teams concluded the week with a celebration of safety on the job, and a renewed commitment to performing every task safely, every day. ■

*Employees on the Ventura County Medical Center Replacement Wing project completed First Aid and CPR training (above); The LA Federal Courthouse team held a safety stand down to kick off Safety Week 2015 (left).*



To overcome logistical hurdles, the project team is utilizing a crane anchored in the Chicago River.

Photo by: R.W. Gauthier





# ONCE A CONSTRAINT, TEAM TURNS CHICAGO RIVER INTO AN ASSET

**Building on one of the most-desirable parcels of land** in downtown Chicago comes at a premium. The 150 North Riverside office tower is rising on a two-acre site on the west bank of the Chicago River, but its footprint will take up just a quarter of the land. The remaining space will be left for public use, including a plaza, amphitheater, and extended riverwalk. A unique structural design affords the building its narrow footprint, but other challenges remain.

To bring the 54-story office tower to life, our project team collaborated with the client, architect, and structural engineer to overcome many inherent challenges.

Seven active rail lines cross the project site — infrastructure that the team must enclose,

but not interrupt — before the structure can take shape. After pouring a 10-foot-thick mat foundation—the second largest in Chicago history—the team turned its attention to covering the rail lines to make way for the public plaza. The track enclosure design includes 25-foot cast-in-place concrete walls and concrete bulb tees. Having an effective weight of as much as 128,000 pounds, the bulb tees are too heavy for a tower crane, yet the minimal laydown area precludes any other on-site hoist. That's when the team turned one of the site's restrictions—the Chicago River—into an asset.

The team developed an anchoring system that allowed them to place a crane on a barge in the river, adjacent to the project site. The barge is comprised of 31 interlocking

sections and supports a two-million-pound Manitowoc 888 Ringer Crane, as well as 800,000 pounds of matting and payload. The barge is anchored into the riverbed. The crane's 300-foot boom easily allowed the team to pick and place the massive bulb tees 200 feet from the river, on the site's west side. While builders have used the river as a site access point before, this is believed to be the first time the river has supported such a massive crane and pick operation.

The team recently completed placing the last of the 196 bulb tees, which form the supporting structure for the building, parking, and public park. ■

Seven active rail lines cross the project site, infrastructure that the team must enclose before the structure can take shape.



Photo by Thomas George Tomek



# DISPELLING THE MYTHS OF DESIGN-BUILD DELIVERY

BY BARBARA WAGNER

**O**VER THE PAST DECADE, construction delivery has moved toward a more integrated model, allowing for increased collaboration and communication among project stakeholders. Additionally, this process offers opportunities for innovation among the team.

A 2013 Design-Build Institute of America (DBIA) survey showed that the highest concentration of design-build projects were for federal or military clients in the Pacific region. Though we have successfully delivered more than \$18.5 billion of design-build projects across the country for public- and private-sector clients in many markets, including healthcare, education, and transportation, the DBIA survey indicates that our portfolio is more diverse than the industry norm. Despite research that shows design-build's advantages for maximizing value and meeting schedule, cost, and quality goals, there are still pervasive myths about the delivery method, which preclude it from widespread adoption. These beliefs include loss of control, lack of competition, added risk, absence of financial transparency, and lack of flexibility. But that's really all they are, myths. Let's examine some common arguments and dispel these design-build myths.





Clark and architect HOK work with millwork subcontractors to select finishes for the Ventura County Medical Center Replacement Wing.

As soon as the team focus is established and the goals are aligned, the design process needs to be well managed. Best practices include:

- *Executing a teaming agreement that clearly defines roles, responsibilities, and expectations*
- *Co-locating the design and construction team*
- *Developing a good cost model informs the parties of the intent of the design when the cost was set. The team needs to continually ensure that all performance and quality requirements in the RFP are being met*
- *Hosting a design validation meeting with the owner once the project is awarded. This will help the owner and design-builder reconcile expectations with deliverables*
- *Maintaining a design-evolution log*

MYTH

#1

### THE CLIENT IS GIVING UP CONTROL

Ultimately, the project's owner determines their own level of control. The transparency in the design-build process

allows owners to see all aspects of the project. Active owner participation increases the value/outcome of the project for the whole team and also ensures that they, along with their stakeholders, are well represented throughout the process.

along with the design-build team, will make real-time decisions, allowing flexibility and cost-effective solutions. Involving the builder ensures the constructability of the design progress and safeguards the budget.

MYTH

#4

### LOSS OF QUALITY AND CONTROL AS PERCEIVED BY THE ARCHITECT

In the majority of design-build arrangements, the architect is either in a joint venture with the design-builder or is a subcontractor. Designers accustomed to contracting directly with a project's owner may perceive this new arrangement as diminishing their company's voice in the process, perpetuating the myth.

In a report from the University of Texas at Austin's Cockrell School of Engineering, research shows that design-build systems have demonstrated significantly less design and construction cost growth when compared to design-bid-build; that design-bid-build systems have the greatest design and construction schedule growth; and that quality measurement associated with design-build, often maligned by many, is better in quality performance than design-bid-build.

When design-build is utilized and the project is set up correctly, the results can be outstanding. Old stereotypes need to be eliminated and trust established as the team works towards what is best for the project. With design-build, designers find that they ultimately deliver a better design for the client, one that integrates a design and construction solution that provides more value to our clients and the project. ■

MYTH

#2

### OWNER'S RISK IS INCREASED

In fact, the reverse is true. With design-build, our client's risk decreases because they are contracting with a single

source, one entity to ensure the performance of the design and construction. In addition, with design-build, any discord between the designer and builder is eliminated because they are working together toward the same goal: what's right for the project.

### COOPERATION AND TEAMWORK

Regardless of the contractual arrangement, it is important that the design-build team works together in both a collaborative and integrated fashion. The core values and cultures of the separate entities must be aligned and clearly communicated. An open, transparent communication protocol must be established. While designers and contractors can work toward different objectives, a design-build project fosters collaboration and creates an increased culture of cooperation and teamwork. Respect and trust are important in the process, as is an appreciation for the expertise and value that each member brings to the team. Once the team is aligned, its culture will drive the project's success.

MYTH

#3

### LIMITED FLEXIBILITY IN THE PROCESS

Design is a fluid process. Throughout the design phase, the owner,



**Barbara Wagner** is a Senior Vice President in our Western Region and has three decades of design-build experience. She is a member of DBIA's National Board, and former DBIA President. She currently serves as Chair on the Executive Council. Barbara also is one of our national healthcare business leaders.





# A. JAMES CLARK LESSONS IN LEADERSHIP

**A. James Clark left an indelible mark on our company and our industry.** Equally important as the contributions he made to the built environment is the legacy he left. A man of great principle, Mr. Clark lived by his core values of integrity, trust, quality, and giving back—and he instilled these virtues in others. His leadership shaped Clark Construction Group's reputation and set a high bar for future generations across the company, the community, and the industry.

*"If I told the man we would do it, then we would do it."*

Mr. Clark believed that a company was only as strong as its culture, and he worked to ensure that integrity, trust, and quality were hallmarks of Clark Construction's culture. Developers and subcontractors alike knew that a handshake with Mr. Clark was as binding as a signed contract; his word was his bond. This was evident on all company projects, but famously captured during the construction of Jack Kent Cooke Stadium (now FedExField). Before any contract, the project began with a handshake, a promise from Mr. Clark to Jack Kent Cooke to deliver the new football stadium.





Mr. Clark, Pete Forster, member of Clark's Board of Directors, and Jack Kent Cooke shook hands on a deal to build the Washington Redskins' new stadium [FedExField].

During construction, the two men regularly flew over the site to review its progress. The stadium was delivered, as promised, in just 17 months—then record time for a professional sports facility.

A man of high ethical standards, Mr. Clark considered a project successful only if it was built properly and in accordance with the client's budget, schedule, and quality requirements. "You can't shape your reputation," he noted. Clark—the man and the company—had a reputation formed by fulfilling commitments to clients, sub-contractors, and colleagues.

*"Good people make good companies."*

Beyond pedigree or college, Mr. Clark looked to hire people who had strong character and shared his values. "I believe in going after the best," he said. "I like quality. I especially like it in people. I want my companies to have quality products and people." For Clark Construction to grow and succeed, Mr. Clark knew that clients

A strong proponent of education, Mr. Clark's philanthropy provided opportunities for students of all ages. He is pictured reading to students at the SED Center in Washington, D.C.

should receive the same high level of service and satisfaction from coast to coast. He fostered a culture of innovation and entrepreneurship; he also took great care to groom future generations of leaders to carry on his vision.

He believed in the power of education—including his own employees' continuing education—and provided opportunities to deserving individuals who may otherwise not have them. He paved the way for future engineers through scholarships and donations to the University of Maryland, where the engineering school bears his name, as well as The George Washington University, Johns Hopkins University, Texas A&M, and countless other institutions.

*"You should share success."*

Possibly Mr. Clark's most enduring legacy is his commitment to giving back. "I believe," he said, "that if you make your money in a community, you have an obligation to give back to it." His generosity enriched



Mr. Clark often visited jobsites, like the Caltrans project in San Diego pictured above, to see the company's construction operations first hand.

communities and he encouraged and supported his employees to give their time and talent to make a meaningful impact beyond the jobsite. Mr. Clark's philanthropy benefitted the homeless, the underprivileged, wounded warriors and others in need. Through his work with Samaritan Inns, Jubilee Housing, the Spanish Education Development Center, the United Service Organization, and

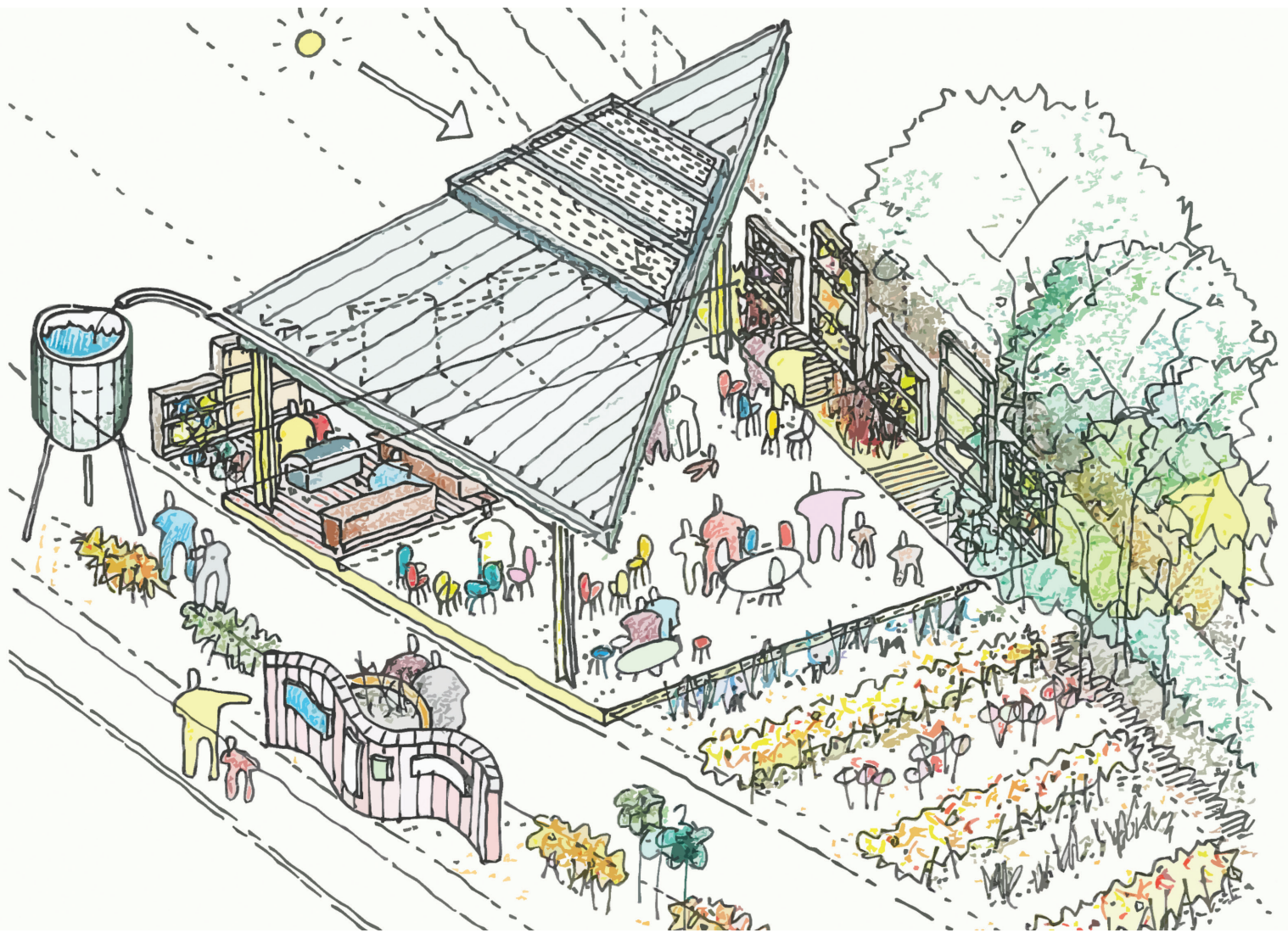
numerous other organizations, he touched thousands of lives and provided opportunities to those who needed it most.

After Mr. Clark passed on the day-to-day management of the construction company, his passion for our work continued. He visited jobsites as frequently as he could, climbing ladders into his 80s and reviewing drawings of some of our most complex endeavors. And he never let go of his values. When Clark Construction was building the Walter Reed National Military Medical Center, Vice President John Strong recalls that, "Mr. Clark visited the job often, and always asked the most pointed questions. He wanted to ensure that we were delivering a superb facility for our wounded warriors ahead of schedule."

Today, the company Mr. Clark built carries on; Clark Construction Group is committed to finding new ways to grow, innovate, and provide increasingly higher standards of service to our clients. Mr. Clark left behind more than a successful company; he left a legacy that lives on in the thousands of professionals molded by his values and his leadership. His legacy will continue to be felt on every project we build, every promise we keep, and every way we give back. ■







The Urban Food Studio will provide an all-season space for growing food, cooking classes, workshops, and other events.

# GREENBUILD LEGACY PROJECT

## A gift of education, service, and thanks in Washington, D.C.

Every year, the Greenbuild International Conference and Expo leaves behind a Legacy Project: a permanent gift of education, service, and thanks to the convention's host city. This year, Greenbuild is in Washington, D.C., and the Urban Food Studio, an idea championed by Clark, architect HKS, and the Capital Area Food Bank (CAFB), has been selected as the Legacy Project.

The Urban Food Studio is an outdoor classroom space that will become part of CAFB's Urban Demonstration Garden, a hands-on learning laboratory for growing produce in northeast

Washington, D.C. The studio will provide an all-season space for growing food, cooking classes, workshops, and other events. One of CAFB's primary missions is to address food insecurity: a measure defined by limited access to adequate nutritious food.

Through the Urban Food Studio, city residents will learn nutrition skills and growing strategies to improve their access to healthy food. Capital Area Food Bank staff plans to use the space to demonstrate how to grow food in urban settings like balconies or small yards, and how to stretch budgets using

low-cost gardening techniques.

The Legacy Project receives \$10,000 in seed funding, but the remainder of its budget comes from in-kind and monetary donations. Project partners that have donated their services include Architects Services, Clark Concrete, Clark Foundations, PaveDrain, Thornton Tomasetti, Triad Engineering, and Vika.

The team will complete the Urban Food Studio by September, in advance of the Greenbuild conference in November. ■





Participants from the Mid-Atlantic Region's Strategic Partnership Program celebrate during their graduation ceremony in Bethesda.

# SMALL BUSINESS OWNERS READY FOR INCREASED OPPORTUNITIES

## Nineteen Small Business Owners and Leaders Celebrated the Completion of Clark's Strategic Partnership Program

In June, 19 small business owners and executives became the ninth graduating class of Clark's Strategic Partnership Program (SPP) in the Mid-Atlantic Region.

Offered at no cost to small business leaders, the 10-month program provides intensive construction management and business skills training and is taught by a team of seasoned Clark professionals and guest lecturers. This year's graduates join more than 350 small business owners and executives who have matriculated through the program.

Past program graduates attended the graduation ceremony, and took the time to offer counsel to the participants. Beverly Thomas, President of Regional Contracting Services, served as the ceremony's keynote speaker. A graduate of the inaugural SPP, she informed the business owners about life after the

program, providing sound advice on how to successfully grow their business and reputation.

Wayne Fraiser, President of the Maryland Washington Minority Companies Association also spoke at the event, encouraging graduates to take personal responsibility for the quality of their work and discussing the importance of client satisfaction. He proclaimed, "Quality is you;

*"These individuals have put forth incredible effort to complete this program and we are certain their hard work will continue in growing their businesses. Clark is eager to watch their many successes."*

Jay Grauberger,  
Clark Senior Vice President

your brand is you."

Following 10 months of in-class and experiential learning, the Strategic Partnership Program culminates with a capstone project. Working in teams, the participants leverage the knowledge and information they gained throughout the course and present their capstone project to a panel of judges. Clark Vice President Wes Stith, who leads the SPP, presented the capstone award to a team of five students for their outstanding effort.

Clark's SPP curriculum is offered in the company's headquarters in Bethesda, MD, as well as our Chicago, Southern and Northern California offices. In addition, modified versions of the program are offered in a number of cities and on jobsites across the country. ■



# CLASSIC CAR SHOW BENEFITS EVERYDAY BLESSINGS

Continuing a tradition they began in 2012, Southern Region employees sponsored the Everyday Blessings Benefit Car Show this spring. This annual event is a fundraiser for Everyday Blessings, a Tampa-based non-profit group that is dedicated to keeping siblings together while in foster care. In addition to housing, the organization provides children with emotional and social support, transportation, and counseling. This year's car show raised \$25,000.

Company employees planned the entire event, which attracted more than 140 classic cars, including Construction Executive Lew Roberson's 1972 Chevrolet Cayenne. In addition to the cars, the event featured a silent auction, raffle items, and souvenir bags for the participants. Throughout the day, organizers and volunteers promoted Everyday Blessings' mission to garner support for the cause. ■



## RACING FOR THE CURE IN WASHINGTON, D.C.



This May, 86 Mid-Atlantic Region employees and their families participated in the annual Susan G. Komen Race for the Cure in Washington, D.C. The Susan G. Komen Foundation is committed to empowering women living with breast cancer, ensuring quality care for all, and investing in science to find the cures. Clark has participated in the organization's D.C. race for nearly a decade. ■



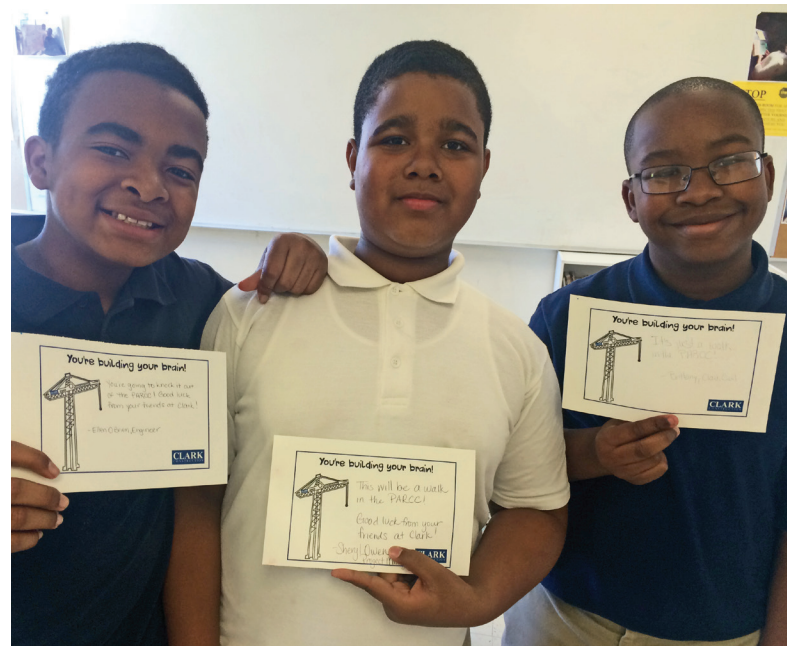
## MIDDLE SCHOOLERS GET A TEST PREP BOOST

Five hundred students from two Washington, D.C., middle schools got a mental boost as they prepared for the Partnership for Assessment of Readiness for College and Careers standardized test. Each student received a goodie bag full of pencils, rulers, snacks, and stickers. Nearly 100 women from Clark's Mid-Atlantic Region's Best Practices Forum assembled the bags, wrote personalized notes of encouragement, and distributed them to the students.

The students, who attend DC Prep and Friendship Tech Prep schools, have spent most of the year preparing for the test, which will assess their proficiency in math, English, and reading.

The students' teachers reported that the supportive notes were a big hit; the encouraging words gave their students the final boost of confidence they needed to face the exam.

Clark's Best Practices Forum is an internal networking group for women. ■



## FIELD EMPLOYEE SCHOLARSHIP WINNERS HONORED

This summer, nearly 80 current or rising college students — all children of the company's field employees — received scholarships to further their education. Now in its 13th year, Clark's Field Employee Scholarship program hit a milestone at the June event, granting over \$1 million since its inception. ■

Students received scholarships ranging from \$500 to \$5,000 to apply toward their college expenses. Mayde Rivera, daughter of employee Lorenzo Rivera, was awarded the company's \$5,000 Margie Rosario Scholarship, which is named in honor of a retired Clark employee who was instrumental in the development of the scholarship program.



# TWO CALIFORNIA PROJECTS EARN TRANSPORTATION AWARDS



SR-22/I-405/605 West County Connector Project - Western Segment

Two company projects earned high honors from the California Transportation Foundation this spring. Atkinson's SR-22/I-405/605 West County Connector Project - Western Segment was named the organization's overall "Transportation Project of the Year" and Clark's Anaheim Regional Transportation Intermodal Center (ARTIC) was named "Rail/Transit Project of the Year."

Atkinson's winning project linked carpool lanes on I-405 with those on SR-22 and I-605 to create a seamless carpool connection along this stretch of highway in Orange County. Under two separate contracts, Atkinson constructed the HOV-direct connector ramps, along with a second carpool lane in each direction, as well as soundwalls, retaining walls, landscaping, and numerous on- and off-ramp improvements.

The ARTIC project is a new, 67,000 square-foot transportation hub for the City of Anaheim. The LEED Platinum-designed facility connects ten different modes of transportation and serves as a gateway to the area's numerous attractions. The ARTIC welcomed its first commuter train in December 2014 and accommodates more than 10,000 daily transportation boardings. ■

## BRIAN KRAUSE JOINS CLARK AS DIRECTOR OF VIRTUAL DESIGN AND CONSTRUCTION



Clark is pleased to announce that Brian Krause has joined the company as Director of Virtual Design and Construction (VDC). In this role, Brian will work hand-in-hand with Clark's team of VDC professionals to further cultivate the organization's virtual building strategy, leveraging technology to maximize value in our project delivery process and enhance our client services.

Brian and his team are focused on strengthening the company's

core VDC competencies. As such, they are responsible for establishing and maintaining the firm's building information technology standards for process and software, recruiting and training staff, and identifying new ways to evolve and expand our existing services.

Brian has 14 years of industry experience with successful leadership roles in project management, business management, and construction technology implementation in the Washington, D.C. area,

nationally, and internationally. He has led and supported BIM implementation through preconstruction, construction, and facilities management since 2007.

Brian holds a Bachelor of Architecture degree from Virginia Tech. He also is a graduate of the Stanford University Center for Integrated Facility Engineering's VDC Certificate Program. He is a current member of the AIA DC Technology Committee and Leadership Arlington. ■



## HALL OF JUSTICE EARNS BUILD AMERICA AWARD

The renovation and restoration of Los Angeles' historic Hall of Justice earned national honors from Associated General Contractors of America (AGC). The three-year design-build effort, which was equal parts seismic retrofit, historic restoration, and tenant improvement build-out, earned the Alliant Build America for Building Renovation, \$11M to \$199M. ■



Photo by Victor Muschetto



Clark constructed a new nest platform (pictured center) at the corner of the jobsite.

## CONSTRUCTION AT THE WHARF IS FOR THE BIRDS

This spring, two ospreys landed at The Wharf project site in southwest Washington, D.C., intent on establishing a new home. Though The Wharf, which lies along Potomac River's Washington Channel, provides an excellent habitat for the fish-loving fowls, the birds' nest location—atop a tower crane—was problematic. The project team attempted to dissuade the birds from building on the crane, but the osprey were persistent and on a fast-track schedule of their own.

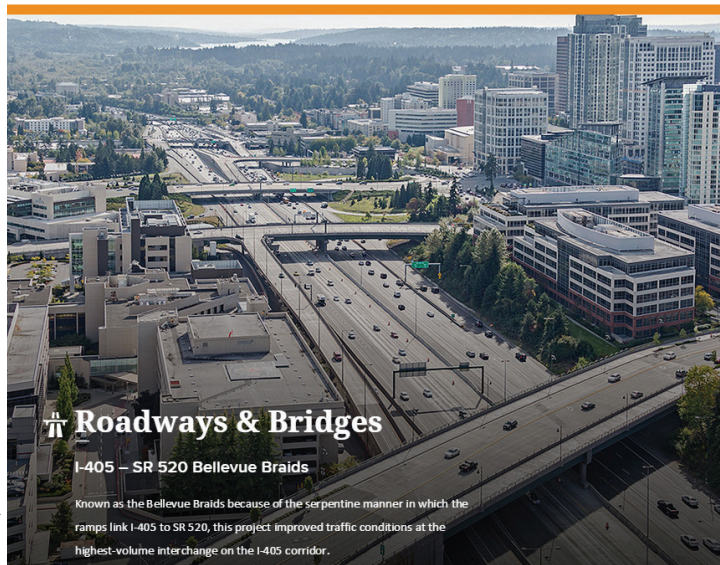
Our team set out to find a more sustainable home for the birds. After consulting with the U.S. Fish and Wildlife Service, they drew up plans for a raptor nesting platform. Using an I-beam and wooden pallet, they constructed the platform at the corner of the jobsite nearest the crane, then carefully relocated the osprey's nesting materials. The delicate operation was a success; the birds immediately resumed building their nest. The ospreys regularly fly around The Wharf and return to their new home with freshly-caught fish. The project team looks forward to the rest of the family arriving soon. ■

## NEW ATKINSON WEBSITE HIGHLIGHTS CIVIL INFRASTRUCTURE

Atkinson recently launched a revamped version of its website: [www.atkn.com](http://www.atkn.com). The new site now features a sleek look, simplified navigation, and a better user experience. Visit the new site to see and learn about Atkinson's diverse portfolio of civil construction projects, including highways, bridges, mines, and utility infrastructure. ■

**ATKINSON**  
CONSTRUCTION

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### **Roadways & Bridges**

**I-405 – SR 520 Bellevue Braids**

Known as the Bellevue Braids because of the serpentine manner in which the ramps link I-405 to SR 520, this project improved traffic conditions at the highest-volume interchange on the I-405 corridor.

Photo by: Francis Zera



# CLARK ANNOUNCES OFFICER PROMOTIONS

*Clark Construction is pleased to announce the following individuals have been promoted:*



**Hani Alawneh**

Vice President  
Western Region

A Clark employee since 2001, Hani has worked in Corporate Estimating, the Mid-Atlantic Region, and with Clark International in the Middle East. Hani currently leads our team at 150 Van Ness and multiple projects for United Airlines at San Francisco International Airport.



**Bob Borello**

Vice President  
Northern Region

Bob joined Clark in 1981 as a superintendent in the Mid-Atlantic Region. He has led the construction of dozens of projects over the past three decades, including Bethesda Metro Center, the McCormick Place West Expansion, Music City Center, and his current project, the 54-story 150 North Riverside office tower in Chicago.



**Lee DeLong**

Senior Vice President  
Mid-Atlantic Region

Lee has been a business unit leader in the Mid-Atlantic Region since 2013. Prior to that, he led our team in delivering the Music City Center in Nashville. Lee began his career with Clark in 2001 in the Mid-Atlantic Region, working on projects including the Discovery Communications International Headquarters, North Bethesda Market, and 300 New Jersey Avenue.



**Jim Douglas**

Vice President  
Western Region

Following an internship with Clark Concrete, Jim joined the company full-time in 2000 on the Vandenberg AFB Space Launch Complex 6 project. As a field supervisor, he has led construction efforts at PETCO Park, the Save Mart Center, and University Gateway. He is currently working on an attraction at a major theme park.



**Ken Keyser**

Vice President  
Mid-Atlantic Region

As a superintendent and construction executive, Ken has led construction efforts on several mega projects in the Mid-Atlantic Region, including DoD/BRAC 133, the U.S. Army Medical Research Institute of Chemical Defense, and, most recently, The George Washington University Science and Engineering Hall.



**Scott Lawson**

Vice President  
Western Region

Since joining Clark in 2001, Scott has been part of several prominent Washington, D.C.-area project teams, including the National Museum of the American Indian, U.S. Department of Transportation Headquarters and DoD/BRAC 133. He relocated to the Western Region to deliver the Governor George Deukmejian Courthouse and is currently focused on growing Clark Civil's operations out West.



**Jack Reddehase**

Vice President  
Western Region

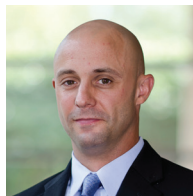
Jack has spent the past two decades focused on healthcare construction. His portfolio includes MD Anderson Hospital, Fresno and Clovis Community Medical Centers, LAC+USC Medical Center, the Tom & Billie Long Patient Care Tower at John Muir Medical Center, and his current project, the Ventura County Medical Center Hospital Replacement Wing.



**Harry Stevenson**

Vice President  
Mid-Atlantic Region

Harry has been leading construction teams in the Washington, D.C. area since 1989. Under his guidance, our teams have successfully delivered the John A. Wilson Building Renovation, the U.S. Botanic Garden Renovation, The Artisan Condominiums, 1717 K Street, and, most recently, City Market at O.



**John Swagart**

Vice President  
Mid-Atlantic Region

John joined Clark in 2001 and, as he advanced his career in field supervision, has led construction of the Norman Y. Mineta San Jose International Airport North Concourse, UMD Oakland Hall, and the FDA Consolidated Biologics Evaluation and Research Center projects. He current leads our team building The GWU District House residence hall.



**Joe Swank**

Vice President  
Mid-Atlantic Region

Joe leads field operations at the National Museum of African American History and Culture. Previously, he helped deliver notable D.C.-area projects, including the U.S. Army Medical Research Institute of Chemical Defense, Arena Stage, the American Red Cross Headquarters, the Harman Center for the Arts, and the Verizon Center.



# THE WAY WE WERE



Pictured, left to right: A. James Clark, Jay Meyer of Power Construction, Steve Maslen, and Pete Forster

Mr. Clark was passionate about construction. When he was the company's general manager, he woke before dawn and drove to every job site for a brief inspection before conducting a full day of work. As the company expanded, he continued to visit his job sites to inspect the work, meet with clients, and talk with his employees.

In this 1993 photograph, Mr. Clark, along with now Clark Senior Vice President Steve Maslen and member of Clark's Board of Directors, Pete Forster, stand on the U.S. Postal General Mail Facility job site. The 1.8 million square-foot project was one of our first in Chicago and helped our company establish permanent presence in the Windy City. ■





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Photo by: Peter Cane Photography