



Superstructure

Clark Takes on a Monumental Job at Jefferson Memorial

WASHINGTON, D.C. – The seawall adjacent to one of the most recognizable landmarks in Washington, D.C., is slowly sinking. Areas surrounding the Thomas Jefferson Memorial, which stands directly south of the White House on the Potomac River Tidal Basin, have long suffered from settlement and lateral movement. **Clark Construction Group, LLC**, was awarded a \$12.4 million contract by the National Park Service to stabilize the Ashlar Seawall to preserve portions of the famous monument's grounds.

Originally constructed between 1939 and 1943, the Jefferson Memorial is supported by a deep foundation system that includes 443 concrete piles and nearly 200 concrete caissons that prevent settlement. This support system reaches the bedrock below and prevents the memorial structure from settling. But, the Ashlar Seawall, which separates the public North Plaza from the Tidal Basin, is supported by timber piles that investigators believe never reached solid rock during original construction.

The seawall and the plaza have been subject to settlement since the memorial was dedicated and, by 1965, settlement of the North Plaza had reached three feet. Four years later, a reconstruction effort placed the plaza



Work is underway on the Jefferson Memorial Seawall, Washington, D.C. (Photo by Dan Cunningham)

on structural slab-on-grade beams and piles. Despite these efforts, settlement and lateral movement at the seawall

have continued. As the groundwater conditions in the area have changed, causing consolidation of the soil below.

To accommodate the repairs, the Clark team will complete a sheet pile

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Construction Begins on Nashville's Music City Center



Music City Center, Nashville (Rendering courtesy of tvsdesign)

NASHVILLE – In February, construction began on Nashville's newest landmark: the 1.2 million square-foot Music City Center. The **Bell/Clark** joint venture team was selected as the convention center's general contractor in June 2008. A January 19 vote by Nashville's Metro Council paved the way for construction to begin on the \$415 million project.

The Music City Center will nearly triple the exhibit space of Nashville's existing convention center and enhance the city's ability to attract larger and higher-profile conferences, trade shows, and events. The facility will include a 350,000 square-foot exhibit hall that is acoustically designed to function as a live music venue. The Music City Center also will feature 59 meeting rooms,

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Clark Awarded Highland Hospital Acute Tower Replacement Project



Highland Hospital Acute Tower Replacement, Oakland (Rendering courtesy of SmithGroup)

OAKLAND – The County of Alameda Board of Supervisors awarded the construction of the Highland Hospital Acute Tower Replacement (ATR) project to **Clark Design/Build of California, Inc.** The design-build project, with a budget of \$668 million, is necessary to comply with California state seismic requirements for healthcare facilities. This three-phase project will replace existing facilities at Highland Hospital, which originally opened in 1927.

Design development for the structures in phase one and phase two began earlier this year.

Construction efforts for phase one,

including fencing and site preparation, began in February. In May, Clark started demolishing the hospital's existing Clinic and Auditorium buildings. This summer, construction will commence on the foundation and structure of a three-story Satellite Building. This new facility will house campus-wide support functions and outpatient clinic services currently located in the hospital's existing Acute Tower. The building also will have 176 underground parking spaces. Phase one is expected to be complete in 2012.

In phase two, Clark will construct a nine-story Acute Care Tower and Central Utility Plant. The new, 169-bed Acute

Care Tower will house inpatient, maternal, and support services. Phase two is expected to be complete in 2015.

The project's final phase consists of the demolition of the existing Acute Tower, sitework, and construction of an interior courtyard. Construction of phase three is scheduled to begin in 2015 with completion expected in 2017.

The County requires Clark to meet the requirements and goals of its Small Local Emerging Business Program (SLEB) and its Enhanced Construction Outreach Program (ECOP). In addition, the County GSA, in conjunction with

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Clark Takes on a Monumental Job at Jefferson Memorial *continued*

cofferdam installation this spring and then will dewater an area within the Tidal Basin along the length of the Ashlar Seawall. Historic stone on the seawall will be removed, cleaned, and stored. Clark will demolish the existing concrete seawall, install new caissons and driven pipe pile embedded into and extending to bearing on rock, respectively, which is located approximately 90 feet below grade. The project team then will construct a new cast-in-place seawall, faced with the original historic stones. Upon completion of the new foundation and seawall, Clark will resurface the North Plaza. These repairs are expected to provide resistance to both vertical and lateral movement in the North Plaza area. Additionally, the memorial's structural transition zones leading from the North Plaza will be rebuilt to accommodate any future settlement of surrounding landscaped areas.

Clark Civil began the Emergency Repairs at the Jefferson Memorial Seawall project in late 2009. Completion is expected in June 2011.

Schnabel Engineering of West Chester, Pa., is the civil engineer. HNTB Architecture of Washington, D.C. is the architect.

Public-Private Partnership Allows UCSF to Grow Without State Funds

SAN FRANCISCO – By relying on a public-private partnership delivery method, and partnering with **Edgemoor Real Estate Services**, McCarthy Cook & Co. and **Clark Construction Group – California, LP**, the University of California San Francisco (UCSF) will soon erect a new, state-of-the-art neurosciences building without drawing on state funds. The \$173.5 million UCSF Neurosciences Building will house the University's Department of Neurology, the Institute for Neurodegenerative Diseases, and the W.M. Keck Foundation Center for Integrative Neuroscience.

The project is being delivered using a lease-leaseback transaction structure. UCSF, which owns the land, will ground lease the site to Edgemoor and its development partner, McCarthy Cook & Co., a San Francisco real estate firm, and enter into a space lease for the building. At the end of the 38-year lease period, UCSF will assume ownership of the building. McCarthy Cook & Co. will manage the UCSF Neurosciences Building for the duration of the lease.

Clark will lead the design-build process and construct the 237,000 square-

foot cast-in-place concrete building which, when combined with UCSF's existing medical and research facilities on the Mission Bay campus, will be one of the largest integrated university neuroscience research and clinical centers in the country. The building will house both clinical and basic research programs seeking to prevent, treat, and cure pervasive neurologic diseases and disorders such as Alzheimer's, stroke, and epilepsy. The approach achieves the much-sought "bench-to bedside" goal of medical research and treatment centers nationwide.

Enveloped in curtain wall, metal panels, and precast concrete, the five-story building will accommodate 100 principal investigators, including Nobel Prize winner Stanley Prusiner, MD, director of UCSF's Institute for Neurodegenerative Diseases, as well as more than 500 additional researchers and staff. The first floor will be designed for clinicians and clinical researchers of the UCSF Memory and Aging Center, while the top floors will be dedicated to laboratory research. The facility also will include a conference space and a



UCSF Neurosciences Building, San Francisco (Rendering courtesy of Skidmore, Owings & Merrill LLP)

telemedicine room for video conferencing with other medical professionals.

Designed to achieve LEED® Silver certification, the UCSF Neurosciences Building will incorporate local and recycled materials and have high-performance energy systems. A central glass atrium with a skylight will be naturally ventilated with assistance from radiant

heating and cooling.

Construction efforts began in April and completion is expected in 2012.

Skidmore, Owings & Merrill LLP of San Francisco is the project architect. Additional project partners include WSP Flack + Kurtz, San Francisco, MEP engineer, and Research Facilities Design, San Diego, laboratory planner.

California Taps Clark for Design-Build Veterans Home in Redding

REDDING, Calif. – The California Department of General Services awarded **Clark Design-Build of California, Inc.**, a \$66 million design-build contract for the Veterans Home of California, Redding.

Located on 26 acres of undeveloped land, the 164,000 square-foot Veterans Home of California, Redding will include 150 beds and health support services for veterans in need of skilled, residential, or memory (dementia) care. Other specialized areas within the one-story building include nursing and medical spaces, along with physical therapy areas and food services facilities.

The building's design promotes a residential, rather than institutional, feel. Behind the stone veneer and wood window exterior are single rooms and single-loaded corridors that provide a more intimate ambiance. To further create a home-like environment, the project team will install outdoor social and activity areas, including a putting green, parade grounds, bocce ball court, and shuffle board area.

The Veterans Home of California, Redding is being designed to earn a minimum LEED® Gold certification. Many of the project's sustainable elements will enhance the residents' comfort and well-



Veterans Home of California, Redding, Calif. (Rendering courtesy of Jacobs Engineering)

being, including individual temperature control in all living units, large windows in all units and common areas, and relying on low-emitting materials.

Design of the project began earlier

this year and construction is expected to begin in June. Completion is expected in January 2012.

Jacobs Engineering, Santa Ana, Calif., is the architect and engineer

of record. SFCS, Roanoke, Va., is the architectural designer. Dr. Lorraine G. Hiatt, the team's gerontology specialist, assisted in the overall design and pursuit of the project.

Atkinson Continues I-405 Roadwork in Washington State



I-405, Bellevue Braids, Bellevue, Wash. (Rendering courtesy of Jacobs Engineering)

BELLEVUE, Wash. – Drivers traveling through one of the more congested portions of I-405 in Washington state are getting some relief thanks to the Washington State Department of Transportation (WSDOT) and **Guy F. Atkinson Construction**.

In late 2009, Atkinson completed the design-build I-405 South Bellevue Widening project. Over two-and-a-half years, Atkinson's team added two new traffic lanes on I-405 between 112th Avenue and SE Eighth Street as part of the \$126 million project. In addition, Atkinson demolished the Wilburton Tunnel, allowing I-405 to expand to six lanes, where the 360-foot tunnel previously restricted traffic flow to four. The project team also built a new southbound bridge over I-90. WSDOT estimates that travel speeds have increased as much as 25 mph since the widening project was completed.

Shortly after completing the widening project, the Atkinson team moved north to begin work on a second design-build contract. The \$107.5 million I-405/NE Eighth Street to SR 520 Braided Ramps Interchange Improvements project will alleviate congestion along a three-mile stretch near the I-405/SR 520 interchange. Known as "Bellevue Braids" for the crisscrossing ramps that will link the two major highways, the project will improve traffic conditions for the 60,000 drivers who use the interchange en route to Redmond or continue to points north on I-405. Drivers have grown accustomed to vehicles jockeying for position on northbound I-405 approaching SR 520 causing stop-

and-go traffic for up to eight hours a day. The Bellevue Braids project replaces a problematic merge with separate, weaving ramps to safely and quickly get drivers to their destinations.

Over the next two years, Atkinson will demolish the existing NE 12th Street bridge and replace it with a wider, longer span to allow construction of the new braided ramps. A new ramp will be added from the NE 10th Street Bridge at I-405, giving drivers direct access to SR 520 from downtown Bellevue. In all, Atkinson will build seven new bridges and 30 new retaining walls as part of the project.

Jacobs Engineering of Bellevue, Wash., is the lead designer on the project.

Clark Awarded Highland Hospital Acute Tower Replacement Project continued

Alameda County Medical Center and Clark Design/Build, has established a community outreach program to provide neighborhoods surrounding the project with regular construction updates.

The Highland Hospital ATR project also will meet the County's Green Building Ordinance; the buildings will be designed and built to achieve a minimum LEED® Silver certification from the U.S. Green Building Council.

SmithGroup, San Francisco, is the lead architect. Ratcliff, Emeryville, Calif., and Shah Kawasaki, Oakland, are the associate architects.

After 60 Years, A. James Clark's Legacy is Giving Back



A. James Clark in his office in Bethesda, Md.

On a winter day in February 1950, a fresh-faced young man with a new engineering degree from the University of Maryland took a job with a local construction company. Sixty years later, that company, as well as the engineering school where he earned his degree, bear his name.

On February 1, A. James Clark celebrated his diamond anniversary with Clark Construction Group. Over the past six decades, much has changed: small Washington, D.C. contractor The George Hyman Construction Company expanded and became the nationwide Clark Construction Group, the company's portfolio of federal and commercial office buildings grew to include stadiums, highways, convention centers, airports, and hospitals, and the drawing tables and tools used to conceive and construct buildings gave way to computer screens, Building Information Modeling, and wireless networks.

"Being a good corporate citizen means giving back to the community. Whether it's in California or Florida, if we make our money in a community, we make charitable contributions to that community, and our people do the same."

- A. James Clark

But as much as his business has changed, Mr. Clark has held true to his values. His work ethic, commitment to delivering on promises, and exacting standards helped form the backbone of the company. His commitment to service and philanthropy, sharing his success, and giving back to the community – in dollar and in deed – helped build the company's

spirit. Today, Mr. Clark is respected and admired not only for the company he has built, but for the people and organization he has helped along the way.

Giving back to the community, Mr. Clark believes, is a company's obligation. "If you are successful in a community, my feeling is that you owe it to the community," he said. "Being a good corporate citizen means giving back to the community. Whether it's in California or Florida, if we make our money in a community, we make charitable contributions to that community, and our people do the same."

A Good Corporate Citizen

In January, Mr. Clark was named a "Washingtonian of the Year" by Washingtonian magazine. His dedication to philanthropy, education, and community service was highlighted by the publication, which noted, "There's no question that the company's [Clark Construction's] commitment to helping those in need comes straight from the top." While Mr. Clark has touched dozens of non-profit groups, he has made a special connection with select organizations.

Last year, Mr. Clark's efforts benefitted dozens of hard-working families in Washington, D.C., when the new Spanish Education Development (SED) Center opened. SED Center was founded 37 years ago to help Spanish-speaking and other immigrants integrate to life in the area. The center supports families by providing educational and childcare services, afterschool activities, and summer camps, in addition to family counseling, GED adult education programs, and English language classes.

Longtime colleague Ray Ritchey, Executive Vice President of real estate investment trust Boston Properties, Inc., is on SED Center's Board of Directors and, when the organization was looking to expand, he solicited Clark's assistance. Through donations of funds, construction management services, and volunteer hours, Mr. Clark and Clark Construction helped develop a state-of-the-art 2,400 square-foot facility for SED Center in northwest Washington, D.C. The organization now accommodates 120 children—30 more than the previous facility—and offers infant care for 40 newborns.

The effort strengthened educational opportunities for young children of Spanish-speaking families, a community that also comprises a substantial amount of Clark's labor force.

Another organization close to Mr. Clark is Samaritan Inns, which provides structured housing and recovery services to homeless and addicted men and women in Washington, D.C. Mr. Clark has been involved with the organization since its inception in 1985 and, through financial support, board leadership, and donations of services and resources, has made a profound impact on Samaritan Inns' staff and residents.

"Literally the first week I was on the job I was introduced to Mr. Clark," recalls Larry Huff, Executive Director of Samaritan Inns. "What I remember about that meeting and the conversation I had with him was that he was very encouraging. He told me that this is the right thing to do, something we believe in, and we're here to help you."

Over the years, Mr. Clark has done more than just support the organization's mission and provide leadership. "Mr. Clark, to this day, still has this tradition he does around Christmas time," explains Mr. Huff. "He buys Christmas gifts for each of the individuals who are in the transition phase of our program. You cannot imagine the joy that it brings to these people...I have heard more than one person say, 'This is the first time in my life that I have known that someone really loves me and cares about me.'"

Leading By Example

Those who learn about business from Mr. Clark also learn about service, just as Mr. Clark did from his predecessor, Ben Rome. Today, community service and philanthropy are among Clark Construction's core values, an integral part of the company's culture from senior management to the newest employees.

"During his 60 years with Clark Construction, Mr. Clark has not only created the preeminent construction company in the United States, but has instilled a philosophy of responsible corporate stewardship that has been enthusiastically adopted by all of the employees under his leadership," noted Mr. Ritchey. "Whatever the need, whatever the cause, the Washington community has counted on Mr. Clark and his team to respond generously, and immediately, not only with the much needed financial resources, but more importantly, the commitment of their valuable time and considerable talents. This is perhaps the best testament to a business and personal life well lived, and will be Mr. Clark's enduring legacy through Clark Construction and the Clark Foundation."

Clark Construction employees have followed Mr. Clark's example and donated thousands of hours to work with nonprofit and charitable organizations to benefit communities, improve public health, promote education, nurture children, expand the arts, and recognize and assist our military. Clark, the man and the company, have built lasting relationships with dozens of local and national organizations, including Rebuilding Together, So Others Might Eat (SOME), the American Heart Association, the National Multiple Sclerosis Society, the Wounded EOD Warrior Foundation, and the Yellow Ribbon Fund.

Mr. Clark "has taught us all how to give in the community," said Pete Forster, Clark Construction Group CEO. "He expects us, as Clark Construction Group, to give to the community not only in dollars, but in work and in services."



Children enjoy storytime with Mr. Clark during the SED Center grand opening celebration in Washington, D.C.

Addressing company employees in an internal publication, Mr. Clark wrote, "We at the corporate level are committed to doing our part with financial resources and some of our time. Many of you, however, have voluntarily taken on so many worthwhile projects, giving of your personal time and talent, and it makes us all proud to be part of a Clark organization that truly cares."

Mr. Clark's legacy in business can be found in thousands of buildings and structures across the country. His legacy as a philanthropist continues to expand. With every dollar donated or hour spent volunteering, his reputation as a good citizen grows. "His greatest joy," says his daughter and Clark Charitable Foundation President Courtney Clark Pastrick, "comes from giving back to the community."

Renovated Tom Bradley International Terminal Debuts at LAX

LOS ANGELES – Long-awaited renovations and security upgrades at Los Angeles International Airport's (LAX) Tom Bradley International Terminal (TBIT) are complete. **Clark/McCarthy, A Joint Venture** finished the \$575 million, LEED® Silver-certified Tom Bradley International Terminal Improvements and Baggage Screening Systems Project @ LAX in February.

Over two-and-a-half years, the Clark/McCarthy team completed one million square feet of renovation work and upgrades. The project team replaced TBIT's outdated baggage handling system with an in-line system, completely overhauled its existing mechanical, electrical, plumbing, and information technology systems, and built a new gate to accommodate the 800-passenger Airbus A380 aircraft.

All construction occurred without impeding operations at LAX. Tom Bradley International Terminal remained open throughout the project and the project team maintained a safe environment as more than 10 million passengers boarded or deplaned 43,000 flights each year. Maintaining TBIT's operations during construction is a primary reason the project earned the Associated General Contractors of California's Constructor Award in the "Meeting the Challenge of a Difficult Job – Builder Classification" category.

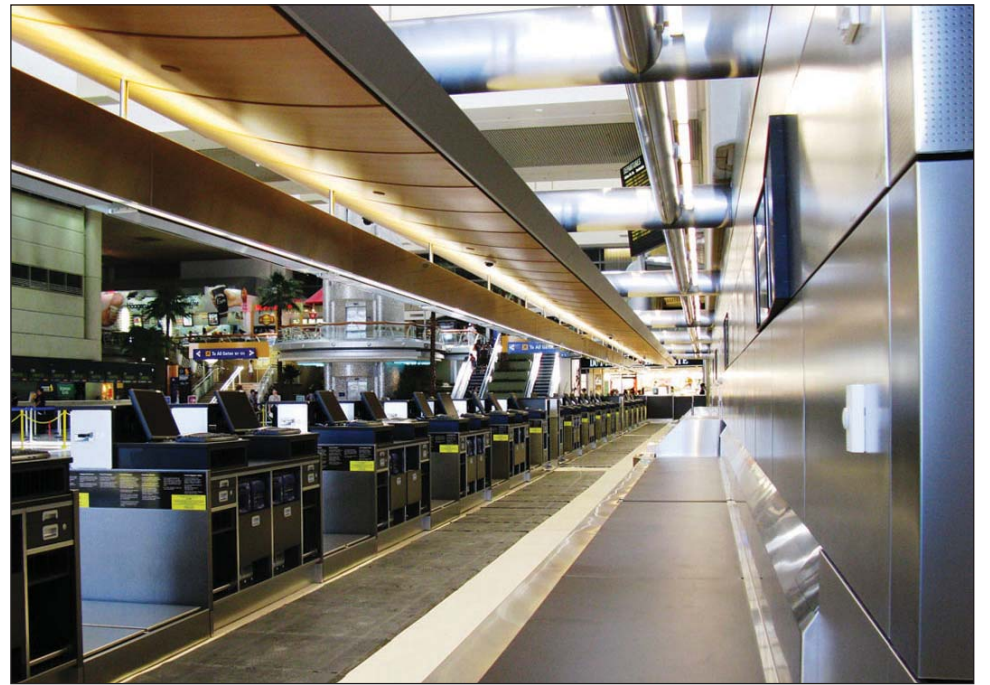
Though not required under the project's contract, Clark/McCarthy joined

the owner, Los Angeles World Airports, the architect, Leo A Daly, and the construction manager, Parsons, in a formal Partnering Program. This program, which was expanded to include all stakeholders, was instrumental in forming the productive work environment that helped the project overcome major obstacles.

The Tom Bradley International Terminal Improvements and Baggage Screening Systems Project @ LAX was completed despite minimal accurate as-built documents. Undocumented conduit systems and duct banks were uncovered during separate renovation phases, but these discoveries did not delay the project's schedule. In both instances, the project team was able to identify, isolate, and troubleshoot these undocumented issues.

Though original design plans did not account for sustainability, the TBIT project earned LEED Silver certification. Clark/McCarthy worked with the owner and project partners to incorporate green elements including low-emitting, recycled, and regional building materials. The terminal's new mechanical and electrical systems perform over 17.5 percent more efficiently than the old systems. The TBIT project is the first airport terminal renovation in the country to earn LEED certification.

Clark/McCarthy, A Joint Venture, is composed of Clark Construction Group – California, LP, and McCarthy Building Companies, Inc.



The TBIT renovation replaced three miles of outdated baggage handling systems.



Partnering is Key to TBIT Project's Success

Large-scale renovation projects present a unique set of challenges to a construction team. Each phase and system has its own set of variables that needs to be considered and addressed. To make the project a success, the project team must work in complete harmony so that a slight error doesn't escalate and threaten the overall project schedule.

Knowing that it would take a total team effort to successfully complete the TBIT project, the Clark/McCarthy team joined the project's owner, construction manager, and architect in a formal partnership agreement. The Partnership Program expanded to include all stakeholders, including airline representatives, airport operations personnel, the Transportation Security Administration, and subcontractors. Bringing everyone together early in the construction process allowed each party to share their issues and concerns before any work was performed.

During the initial partnering sessions, Focus Teams were developed. Comprised of personnel from a cross-section of appropriate stakeholders, these teams managed specific portions of the project, including the schedule, architectural upgrades, baggage handling system replacement, quality control, safety, and public relations. These specialized teams helped the project find mutually beneficial solutions to overcome the inevitable challenges that arose on job site.

While working together, several of the Focus Teams helped develop an interactive process, Micro Phasing, which directly addressed the challenges of the large-scale renovation project. Different Focus Teams collaborated and developed ultra-detailed plans for narrow portions of the scope, allowing the overall project to proceed safely, on budget, and on schedule. Every major aspect of the project was Micro Phased, and the process helped form a cohesive group dynamic and brought innovative ideas to the table from all project stakeholders.



Everyday, thousands of people pass through TBIT, which remained fully operational throughout construction. (Photos by Victor Muschetto)



Clark/McCarthy performed one million square feet of renovation work at TBIT.

Emergency Shoring Saves Smithsonian Treasures

SUITLAND, Md. - On February 10, straining under the weight of a record snowfall, the roof of a storage facility in Suitland, Md., collapsed. The Paul E. Garber Preservation, Restoration, and Storage Facility belongs to the Smithsonian Institution's National Air and Space Museum and serves as the primary repository for the museum's irreplaceable artifacts and works of art. The Smithsonian turned to Clark to stabilize the structure and prevent further damage. After working with a structural engineer to survey the site, Clark used its full breadth of capabilities to shore up the falling facility so the Smithsonian could safely recover its artifacts.

Clark Interiors, which has been working at the Smithsonian's Museum Support Center on the POD-3 Renovation project since 2008, initially received the call for assistance from museum officials. The company brought in renowned structural emergency specialist Allyn Kilsheimer of KCE Structural Engineers PC, to evaluate the Garber building's damage and design an emergency shoring system to prevent further collapse.

The building's roof had completely caved in and rested on top of high load shelving units and the crates stored on them. This put hundreds of artifacts at risk, including a prototype of the Mars Exploration Rover. To complicate matters, as snow melted and eased the burden on the structure's roof, the warehouse continued to move as much as two inches.

One of the most damaged sections of the building also contained some of the most fragile items. During the collapse, a roof member pierced a specially-controlled environmental chamber for the museum's 1,200-piece art collection, exposing it to the raw atmospheric conditions and moisture.

The stabilization effort began on March 16. Clark Foundations first welded rakers to columns along the warehouse's perimeter. For maximum support, the rakers were bolted to adjacent concrete on the ground and anchored by large concrete weights. Clark Concrete then installed 38 high-strength shoring towers that arrived on-site from Georgia less than 48 hours after Clark's first damage assessment.

Throughout the shoring process, safety was a primary concern. Clark's Safety Department developed a site-specific emergency plan shortly after the structural shoring system was devised and all workers reviewed the plan before the start of work each day. Special equipment, including the Jaws of Life and airbags capable of lifting 20 tons, were brought on-site as a precaution. A crane was erected and placed on stand-by in the event of emergency lifting.

In addition to these precautions, a crew of field engineers constantly evaluated the building's structure for movement. A wind monitor was set up to alert workers to any sudden gusts or dangerous changes in weather conditions. Both Clark Concrete and Clark Foundations brought extra workers to the site as observers. Crews performed work in teams of two or three. Each work crew was watched by a similarly-sized group observing for safety purposes. Each observation crew was equipped with an air horn to notify workers inside the structure of any imminent danger and need for evacuation.

An identification system ensured that each worker was accounted for at all times. All workers were assigned a number and two corresponding tags. Before entering the building, a worker moved one of his or her tags from "Out" to "In" on a public bulletin board and carried the second tag at all times. Clark assigned one person to solely oversee the bulletin board.

Clark completed the stabilization efforts on Friday, March 19. The following week, Smithsonian officials began removing artifacts and collections for relocation. With nearly 100 percent of the items safely recovered, the Smithsonian had the Garber building demolished.



Bob Adams Named AGC Washington's Contractor of the Year



SEATTLE. - Associated General Contractors (AGC) of Washington named Guy F. Atkinson Construction Regional Vice President **Bob Adams** Contractor of the Year.

This honor recognizes Mr. Adams' outstanding career with Atkinson as well as his two decades of work with the AGC.

Mr. Adams has been with Atkinson for nearly 40 years and, in this time, he has traveled across the country and the world, to support the company's projects. In 1989, he relocated to his native Seattle to help establish Atkinson's Northwest region. Mr. Adams has been integral to Atkinson's success there and, under his watch, the company has been able to offer expanded services. His expertise, combined with the relationships formed through his AGC of Washington involvement, has helped Atkinson move to the forefront of design-build highway construction.

Mr. Adams has a long history of leadership within the AGC of Washington. He served as the organization's president in 2002 and has sat on the group's government affairs, labor relations, and public affairs subcommittees. He currently is co-chair of the AGC-Washington State Department of Transportation (WSDOT) task force.

Lee Kilcup, 2009 AGC of Washington President called Mr. Adams "a true diplomat of the first order. Bob has the esteem of not only owners and the unions, but also his peers."

WSDOT Secretary Paula Hammond said his "leadership at Atkinson Construction and with the AGC has resulted in an extremely positive and productive relationship with the Washington State Department of Transportation...He is truly an industry leader and icon."

Construction Begins on Nashville's Music City Center *continued*

two ballrooms, and 36 loading docks.

The signature design element of the Music City Center is its 14-acre rippling roof that recalls the rolling hills of Tennessee and mimics the curves of a musical instrument. The structure will have a 175,000 square-foot green roof, one of the largest in the nation. The convention center's clearspan exhibit halls utilize a unique cable-braced structure that helps form the rooftop's topography.

Inside the convention center,

the musical aesthetic continues. The 58,000 square-foot ballroom is designed to suggest the feeling of being inside a finely-crafted instrument. The form that defines the ballroom accentuates the rolling roofs and is exposed to create the eastern façade that houses the meeting rooms and junior ballroom.

Bell/Clark began demolition and site work in February, including blasting operations for foundations. In May, the project team began assembling the

Music City Center's structure, comprised of 13,000 tons of structural steel and 110,000 cubic yards of concrete. Topping out of the structure is scheduled for the end of 2011.

The Music City Center is expected to be complete in 2013.

The Bell/Clark joint venture team is comprised of Bell & Associates Construction, LP, of Brentwood, Tenn., and Clark Construction Group, LLC., in association with Harmony Construction Group, LLC, of Nashville.

Music City Center's design team includes architects tvsdesign of Atlanta, and Tuck-Hinton Architects and Moody-Nolan, Inc., both of Nashville. Additional Nashville-based project partners include Ross Bryan & Associates and Logan Patri Engineering, structural engineers; I.C. Thomasson Associates Inc., and ECS, mechanical engineers; and Barge Waggoner Sumner and Cannon, Inc., and K.S. Ware and Associates, civil engineers.

University Gateway Project Receives TCO 10 Weeks Early

LOS ANGELES – University Gateway, a mixed-use student housing project adjacent to the University of Southern California (USC) campus received its temporary certificate of occupancy (TCO) ten weeks ahead of schedule. The design-build project, built on property that was formerly home to used-car dealerships and repair shops, received its TCO on April 16. The project's original completion date was June 30. **Clark Design/Build of California, Inc.** led design-build efforts on the \$191 million project; Togawa Smith Martin Residential, Inc., of Los Angeles, led the design team.

University Gateway rises eight stories at the intersection of Figueroa Boulevard and Jefferson Street. The building can accommodate more than 1,600 residents in 421 units. On the ground level, it boasts 78,000 square feet of retail, divided into 16 tenant spaces. Planned retailers include a bank, coffee shop, a pharmacy, casual food shops, and USC offices. The project also includes an eight-story parking structure for over 700 vehicles.

Though it is an off-campus housing facility, University Gateway was designed and built to extend the feel of the nearby USC campus. The structure's exterior of cement plaster, glass, and brick matches the predominant USC aesthetic. Open courtyards, roof decks, and landscaped exterior areas provide residents with convenient social spaces. Ample on-site bike storage and planned



University Gateway, located directly across from the USC campus, also provides views of downtown Los Angeles

tram service promote alternative transportation to easily connect University Gateway's student residents with the USC campus.

Every residential unit at University Gateway was designed to conform to Americans with Disabilities Act (ADA) standards. With simple and minor modifications, any unit can be converted to become fully ADA-compliant

or customized to an individual resident's needs. All units feature an open layout and were built with adjustable-height kitchen sinks, removable cabinet doors, and built-in backing for the placement of grab bars. In addition, the building's eight elevators are easily accessible and all residential portions are connected by exterior covered walkways.

Urban Partners, LLC, of Los Angeles

is the owner and developer of University Gateway. Additional project partners include Englekirk Partners, Los Angeles, structural engineer; KHR Associates, Newport Beach, Calif., civil engineer; and Melendrez, Los Angeles, landscape architects. Keller CMS, Los Angeles, is the construction manager.

Clark Projects Earn 19 WBC Craftsmanship Awards

Craftsmen from Clark Construction Group subcontractors, including Clark Concrete Contractors, recently won Washington Building Congress (WBC) Craftsmanship Awards for their efforts on several Mid-Atlantic Region projects.

The WBC Craftsmanship Awards honor excellence in the building trades in the Washington, D.C. area. Clark projects earned 19 awards; the curtain wall at the Arena Stage Renovation and Expansion also earned a Star Award for Technical Excellence.

300 New Jersey Avenue
Electrical – Lighting Systems
Mona Electric Group

Arena Stage Renovation and Expansion
Concrete – Cast-in-Place
Clark Concrete Contractors

Arena Stage Renovation and Expansion
Doors & Windows – Curtain Wall
Icon EBS & Structurecraft Builders

Arena Stage Renovation and Expansion
Finishes – Drywall
Cleveland Construction

Arena Stage Renovation and Expansion
Metal – Structural Steel Framing
Banker Steel

Constitution Square – Office Building 2
Doors & Windows – Curtain Wall
Harmon, Inc.

Howard Hughes Medical Institute Headquarters Expansion – Phase II
Masonry – Exterior Stone
Lorton Stone

Howard Hughes Medical Institute Headquarters Expansion – Phase II
Masonry – Unit Masonry
Manganaro Mid Atlantic

Howard Hughes Medical Institute Headquarters Expansion – Phase II
Mechanical – HVAC Piping
JCM Associates

Howard Hughes Medical Institute Headquarters Expansion – Phase II
Woods & Plastics – Architectural Millwork
IESC

New Campus East – Central Utility Plant
Electrical – Power Generation, Distribution, and Switchgear
Truland Systems

New Campus East – Technology Center
Electrical – Power Generation Distribution, and Switchgear
Dynalectric

New Campus East – Technology Center
Electrical – Special Systems
Ennis Electric

POD-3 Renovation
Electrical – Power Generation, Distribution, and Switchgear
Young Electrical

Tyser Tower Renovation and Expansion
Finishes – Ceramic Tile and Terrazzo
David Allen

United States Institute of Peace Headquarters
Concrete – Cast-in-Place
Clark Concrete Contractors

Walter Reed National Military Medical Center
Mechanical – HVAC – Sheet Metal
Southland Industries

Waterfront Station
Special Construction – Other, Sewer Relining
Boyer, Inc.

Waterfront Station
Special Construction – Thermal and Moisture Protection
Calvert Masonry



Arena Stage curtain wall, winner of the WBC Star Award for Technical Excellence.

People

Joe Abidin Promoted To Senior Vice President



BETHESDA, Md. – Clark Foundations/Civil is pleased to announce that **Joe Abidin** has been promoted to Senior Vice President.

In his new position, Mr. Abidin will continue to play an integral role in Clark Foundations/Civil. He will maintain responsibility for civil pursuit efforts and strategic priorities and lead teams on the Little Patuxent Water Reclamation Plant Addition No. 7 – ENR Expansion and Improvements, the Dulles International Arrivals Building Expansion, and the Emergency Repairs at the Jefferson Memorial Seawall projects.

Mr. Abidin joined Clark in 1984 as a field engineer on the Democracy Center II project in Rockville, Md. After working on Tysons Space Center and 625 Indiana Avenue, he was promoted to project manager while on the U.S. Pharmacopeia Headquarters project. In that role, Mr. Abidin also was responsible for efforts on the 800 North Capitol Street and Dulles Airport - Commercial Vehicle Connector projects, as well as several projects for Gallaudet University in Washington, D.C.

In 1996, Mr. Abidin was promoted to project executive and led teams on the American Association for the Advancement of Science Headquarters, 555 12th Street, and Victor Building projects in Washington, D.C. In 1999, he relocated to Memphis to oversee construction of the Memphis Cook Convention Center Expansion. Mr. Abidin later joined the Manulife Financial Headquarters project team in Boston. In 2004, he returned to the Mid-Atlantic Region and, since being promoted to Vice President in 2005, has led some of Clark Foundation/Civil's more complicated projects, including the Brentwood Shop Expansion, Navy Yard Metro Station West Entrance Modification, the Tier 2/Concourse C Connector at Dulles Airport and the Potomac Water Filtration Plant.

Mr. Abidin holds a bachelor's degree in civil engineering from the University of Virginia.

Jan Bohn Promoted to Vice President

FOOTHILL RANCH, Calif. – Atkinson Contractors, LP, is pleased to announce that **Jan Bohn** has been promoted to Vice President.

Mr. Bohn had more than 25 years of construction experience on heavy civil, transportation, and design-build projects when he joined Atkinson's Southern



California Region as Chief Estimator in 2007. In that role, Mr. Bohn has been responsible for all of the region's bids, proposals, and project startups.

Mr. Bohn's construction career began in 1980 and, since that time, he has held positions of increasing responsibility on a variety of challenging projects. His portfolio includes a natural gas pipeline in British Columbia, Canada, five light rail projects in San Diego, a \$300 million design-build project to support 160 miles of high-speed railway in New England, the installation of six artificial islands and 100,000 meters of pipeline in Normal Wells, Canada, a \$600 million base expansion at Fort Drum, N.Y., a \$500 million dam project in Riverside County, Calif., and an \$800 million design-build highway project in Orange County, Calif. Immediately prior to joining Atkinson, Mr. Bohn was deputy project director on a \$600 million subway expansion project in Los Angeles and project director on a 12-mile design-build highway project in San Diego.

Mr. Bohn holds a bachelor's degree in civil engineering from the University of British Columbia. He is a registered professional engineer in British Columbia and a member of the American Society of Civil Engineers.

Jay Grauberger Promoted to Senior Vice President



BETHESDA, Md. – Clark Construction Group, LLC, is pleased to announce that **Jay Grauberger** has been promoted to Senior Vice President.

In his new position, Mr. Grauberger will collaborate with Clark's executive, division, and regional leadership to identify target projects and align company resources to develop and execute win strategies. While working to support Clark's effort to pursue and win new work, Mr. Grauberger will maintain responsibility for client service.

Mr. Grauberger joined Clark in 2005 as Vice President and Director of Client Service. In that role, he worked to enhance the company's reputation with clients and other stakeholders. Mr. Grauberger has enacted a number of initiatives that have strengthened Clark's working relationships and he has been responsible for leading the partnering efforts on many of the company's large projects.

Mr. Grauberger has more than two decades of experience in professional services marketing, client relationship management, and client satisfaction. He began his career in marketing with

a civil engineering and environmental consulting firm and then spent 10 years with Arthur Andersen at the firm's Chicago headquarters. There, he ultimately served as worldwide Director of Marketing for the firm's Global 1000 and U.S. strategic accounts programs. Mr. Grauberger moved to the Washington, D.C. area in 2002 to become Chief Marketing Officer for a large law firm.

Mr. Grauberger holds a bachelor's degree from Hamilton College and a master's degree from the University of Michigan. He serves as the Board Chair for DC SCORES, a non-profit organization that provides after-school soccer and creative writing programs for 700 students in under-served areas of Washington, D.C.

Rich Rizzo Promoted to Senior Vice President



BETHESDA, Md. – Clark Construction Group, LLC, is proud to announce that **Rich Rizzo** has been promoted to Senior Vice President.

Mr. Rizzo began his career in the construction industry in 1976 as a lieutenant in the U.S. Army Corps of Engineers. Five years later, he joined Clark as an assistant project manager and, by 1987, had been promoted to project executive. Among his earliest projects were the 303,000 square-foot Park Hyatt Hotel and the 12-story Demonet Building, both in Washington, D.C.

As a project executive, Mr. Rizzo was responsible for the construction of numerous projects, including the Ryland Corporate Headquarters in Columbia, Md., the Williams and Connolly build-out in Washington, D.C., and the National Foreign Affairs Training Center in Arlington, Va. Promoted to Vice President in 1990, Mr. Rizzo successfully led Clark teams at the University of Maryland Campus Recreation Center in College Park, Md., the Parc Somerset Condominiums in Chevy Chase, Md., the Chevy Chase Bank Headquarters in Bethesda, Md., the NIH Vaccine Research Center in Bethesda, Md., and the National Institute of Standards and Technology Advanced Measurement Laboratories in Gaithersburg, Md. He currently leads Clark's efforts on the U.S. Institute of Peace Headquarters and the Square 54 projects in Washington, D.C.

Mr. Rizzo holds a bachelor's degree in civil engineering from the Polytechnic Institute of Brooklyn.

Did you know that pdf versions of Clark's Superstructure newsletter are available to read or download online?

If you would like to view the current edition of our newsletter online simply visit the "News" section of our website: clarkconstruction.com



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