BUILD GEORGIA AWARDS 2015- COMPANIES UNDER \$5 MILLION



TICKET COUNTER TIMELINE TIGHT

Green Heart Enterprises
US Airways/American Airlines Ticket
Counter Co-location
Design-Bid-Build/Renovation

Construction at Hartsfield-Jackson Atlanta International Airport has its challenges, including security and the need for expedited timelines. Green Heart Enterprises had two months to renovate space for a joint ticket counter for US Airways and American Airlines, which were merging. Green Heart handled demolition, debris removal and renovations 24 hours a day to finish without delays.



HARDMAN FARM REHABILITATED

Prime Contractors Inc. Hardman Farm Restoration Design/Build • Renovation

Prime Contractors Inc. was commissioned to make Hardman Farm in Sautee Nacoochee look as it did in the early 1900s, while also rehabilitating and stabilizing its buildings. Construction consisted of restoring decomposed wood and reconditioning it with paint. Part of the challenge was making the wood structures match from the early years. The team also restored the entire structure of the Nacoochee Indian Mound and gazebo.

PINYAN WORKED WITH ALL PARTIES

The Pinyan Co.

Savage Trial Attorneys — Drayton Tower/Construction Management At Risk/Interior Buildout



During construction of Savage Trial Attorney's office on the eighth floor of Savannah's Drayton Tower, the floors directly above and below were occupied. Work completed had to be in time not only with the building owner,

but with the management company, private owners and tenants. **The Pinyan Co.**'s superintendent remained in constant communication with all parties for the five month duration of the construction.

BUILD GEORGIA AWARDS 2015 - COMPANIES FROM \$5 MILLION TO \$20 MILLION



EX-MUSEUM NOW MEDICAL SPACE

Garbutt Construction Co.
Mercer Medical Office Building
Construction Management
At Risk Renovation

Macon's Mercer Medical office building was once home to the Georgia Music Hall of Fame. Although the museum closed in 2011, the building still housed artifacts from Georgia's musical legends that needed to be relocated so the space could be converted into a facility for Mercer Medicine, a division of Mercer University. Garbutt Construction Co. helped turn the museum into a medical exam space, lab, and in-house dialysis center.



WORK AT UNIVERSITY DIFFICULT

Garbutt/Christman LLC Ennis Hall Restoration Construction Management At Risk Renovation

Garbutt/Christman LLC's restoration of Georgia College and State University's Ennis Hall was no easy task. Garbutt President Sean Moxley described the process as "building a ship in a bottle." Detailed historic features include all woodwork in the building, exterior masonry and restoration of the original windows. The team' work included tying new chiller lines to an existing system across a heavily traveled highway.



HISTORICAL FEATURES REPLICATED

Lusk & Co. Inc.

Lloyd W. Chapin Building Renovation Construction Management At Risk Renovation

Georgia Tech's Historic Lloyd W. Chapin building renovation presented challenges for Lusk & Co. Inc., which completely gutted and rebuilt the entire interior of the building, recreating and replicating historic features along the way. The team also performed a complete exterior renovation, including masonry tuck pointing, rebuilding the cornice work and retrofitting the existing structure to accommodate a new central HVAC system.



BANDSTAND RESTORED

Warren Associates Inc. Rehabilitation of the Band Stand and Round Building — Central City Park Design-Bid-Build • Renovation

The Central City Park Bandstand in Macon, a once beautiful wooden structure, was condemned years ago. Warren Associates Inc. was hired to restore it to its former glory, as well as revitalizing "the Round Building," another park building in need of upgrades. The team looked at pine, cypress, cedar, sapele lumber and synthetic products to keep costs low while finding products that matched the structures' original materials.



VISITOR'S CENTER BUILT AT FORT

Warren Associates Inc. Fort Hawkins Visitors Center Design/Build • New

Fort Benjamin Hawkins, on the east bank of the Ocmulgee River, has long been a treasure of Macon. Money from the 2012 SPLOST made it possible to build a visitor's center. Heavy traffic on a highway in front of the fort and a narrow street beside it leading to a school presented difficulties for **Warren Associates Inc.** in bringing materials to the worksite. Warren also built a palisade wall six feet high with four additional feet underground to keep the layout of the original fort.



JUVENILE JUSTICE CENTER BUILT

Warren Associates Inc.
Thomas Jackson Juvenile Justice
Center/Construction Management
At Risk • New

Before Bibb County's \$7 million dollar Juvenile Justice Center opened, juvenile law violators were confined in an old space also occupied by adult offenders. Warren Associates Inc. located and removed obsolete meters and ancient gas lines from beneath the street and capped old sewer lines, as well as monitoring the water table until it was low enough to avoid interfering with the project.

BUILD GEORGIA AWARDS 2015 - COMPANIES \$20-\$50 MILLION

HOSPITAL RENOVATED

Cork Howard Construction Co. Chatuge Regional Hospital Design-Bid-Build • Renovation

Cork Howard Construction Co.'s renovation of the 25-bed critical access Chatuge Regional Hospital in Hiawasee included overhauling the building's exterior and adding a geriatric psychiatric ward, MRI suite and new administrative area with new elevators and corridor finish upgrades. Keeping the hospital open during construction meant relocating the main entrance of the hospital and the administrative staff to a temporary office, and Cork Howard also had to



quickly replace the hospital's only elevator with a new modern one so as patient care was not disrupted. The team closely coordinated subcontractors and schedules with staff on a daily basis. The project was completed without lost time.

COORDINATION KEY TO PROJECT Cork Howard Construction Co. AmericasMart Bldg 1, 15th Floor Design-Bid-Build • Interior Buildout Cork Howard Construction Co. interior buildout of AmericasMart Building 1's 15th floor required a large number of expensive components and finishes that were installed in a short amount of time. This required multiple coordination meetings and conference calls between the architect, engineer, designers, subcontractors and building support personnel. The team handled demands from the owner, tenants, and municipalities.



NEW SCHOOL IS STATE OF THE ART

JCI Contractors Inc.

Crisp County Primary School Design-Bid-Build • New

Crisp County's new primary school in Cordele, which replaced 50 year old facilities. The \$22 million project took two years to complete, and it features 84 state-of-art classrooms plus music, art and computer labs, a media center, gym, cafeteria with a stage for programs, new furnishings, five playgrounds, computers, sound projectors and natural lighting and Wi-Fi access.

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MUSEUM BUILT OVER NINE YEARS

Piedmont Construction Group Inc. Tubman African American Museum Design/Build • Interior Buildout

The Tubman African American Museum in Macon was completed over nine years, with the outside shell structure reaching completion in 2004 while the interior build-out was put on hold until 2013. There were many challenges to reopening a facility after a significant break. Piedmont Construction Group Inc.'s team researched new code requirements, implemented applicable modifications into the project's design and re-examined the mechanical and electrical systems.



BUILDINGS COMPLETE ON TIME

Piedmont Construction Group Inc. Darton College - Cordele Campus Construction Management at Risk New

Replacing 1.5 acres of abandoned buildings at **Darton College** in Cordele was necessary not only because the existing structures required significant upgrades, but also to accommodate 1,000 students in the coming year. **Piedmont Construction Group Inc.** worked collaboratively with the owner and design team to quickly develop a budget and schedule analysis to efficiently construct the building.

BUILD GEORGIA AWARDS 2015 - COMPANIES \$50-\$100 MILLION



SCHOOL HAS PLENTY OF SPACE

Carroll Daniel Construction Co. Brenau Downtown Center Design/Build • Renovation

Carroll Daniel Construction Co. was selected as the successful design/build team for the 34,290-square-foot Brenau Downtown Center Physical Therapy School in Gainesville. After exploring a number of layouts and structure types, the team found a composite system that gave the maximum amount of plenum space and ceiling heights in a somewhat limited dimension. It also added mezzanines within existing mechanical rooms.

RAIN CAN'T STOP TIMELY DELIVERY

Collins and Arnold Construction Co. LLC • New Holland Market

Design-Bid-Build • New

The New Holland Market project in Gainesville was built on 56 acres of undeveloped mill property, which were transformed into a neighborhood shopping destina-



tion featuring the largest Kroger store in Georgia when it opened in March 2014. The biggest challenge **Collins and Arnold Construction Co. LLC** had on this project can be summed up in one word: rain. The team experienced several months of at least twice the average amount of rainfall. In spite of losing 23 days on the ninemonth schedule for Kroger, it still delivered the store on time.

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LIBRARY PROJECT WAS HIGH PRESSURE

Hogan Construction Group LLC Wolf Creek Library

Construction Management at Risk • New



The \$8.6 million Wolf Creek Library, a 25,000-square-foot building in South Fulton County, was a high pressure project because **Hogan Con-**

struction Group LLC had to conform to environmentally responsible practices. This entailed dealing with an existing pond less than 50 feet beneath the building pad that required the team to redirect runoff. The library was completed with zero lost time accidents.

WAREHOUSE NOW GUN RANGE

Hogan Construction Group LLC
Stoddard's Range and Guns
Construction Management at Pisk

Construction Management at Risk • Renovation



Stoddard's Range and Guns was an adaptive reuse project of an existing industrial building formerly used as a plumbing supply warehouse. The

building is on a 2.41-acre site. **Hogan Construction Group LLC** abated and demolished the interior structures of the 37,400-square-foot building to make way for a three-bay, 24-lane automated gun range.

APARTMENTS REQUIRED TEAMWORK

J.M. Wilkerson Construction Co. Inc. Ponce City Market - The Flats Apartments Design/Build • Interior Buildout



Ponce City Market -The Flats Apartments consisted of the renovation of more than 330,000 square feet and completion of 260 new residen-

tial apartments. Throughout construction, the project site was cohabited by multiple construction teams, including **J.M. Wilkerson Construction Co. Inc.**, working simultaneously. There were more than 400 workers moving in and around the site at any given day.

HEALTHCARE PAVILION RENOVATED

Parrish Construction Group Inc.
Houston Healthcare Pavilion Renovation
Construction Management at Risk • Renovation



The project consisted of the complete interior renovation of the areas of diagnostic imaging, EduCare and family medicine residence of the Medical Pavilion for Houston Healthcare in

Warner Robins. **Parrish Construction Group Inc.** conducted the renovation in multiple phases in order to maximize the work and ensure subcontractor speed and reliability.

PARRISH HELPS SYSTEM FIND FUNDING

Parrish Construction Group Inc.
Talbot Central Campus
Construction Management at Risk • Renovation



Parrish Construction Group Inc. helped identify the needs of the Talbot County school system and compared that to the system's income in order to qualify for Georgia's new funding vehicle for low income counties, which covered nearly half of the funding for renovation of the Talbot Central Campus. Renovations included new electrical and lighting.

TIGHT SCHOOL SITE PROVES A CHALLENGE

Parrish Construction Group Inc. E. Rivers Elementary School Construction Management at Risk • New



Parrish Construction Group Inc. built the new three-story, 112,000-square-foot replacement for E. Rivers Elementary School on a 4.5-acre

site in the heart of Buckhead. The project included demolition of the existing school on the same site, as well as traffic, parking and stormwater drainage improvements. Logistics were a challenge, with a tight site on the corner of a major Atlanta intersection.

BUILD GEORGIA AWARDS 2015- COMPANIES \$50 MILLION - \$100 MILLION



SITE CONDITIONS A BIG CHALLENGE

R.K. Redding Construction Inc. Roopville Road Baptist Church Worship Center Construction Management

at Risk · New

R.K. Redding Construction Inc. built the \$7.2 million, 54,021-square-foot two-story facility, a new sanctuary and education/administration building for the Roopville Road Baptist Church, over the course of 20 months. One of the biggest challenges faced on this project was unforeseen site conditions. The site contained a tremendous amount of sub-surface granite.



CHURCH REQUIRED DELICATE WORK

R.W. Allen LLC

St. Teresa of Avila Catholic Church Construction Management at Risk • New

Pre-construction services were a significant component of the delivery process for **St. Teresa of Avia Catholic Church**. **R.W. Allen LLC** searched for alternative construction methods and materials to preserve the church's design and function. The project required handling altars and 100-year-old stained glass. The team also coordinated the arrival and assembly of three altars, stained glass windows and an organ.



INNOVATION HELPS MEET BUDGET

RA-LIN and Associates Inc. Saddle Creek Distribution Center Design/Build • New

RA-LIN and Associates Inc.'s pre-construction team had to maximize the usable area on Saddle Creek Distribution Center's site. Grade elevation changes in excess of 50 feet required innovative choices to meet budget, schedule and owner's expectations. A mechanically stabilized earth retaining wall was used to support over half of the elevation change. This method was chosen due to its lower cost and ability to retain large vertical cuts of material in a shorter footprint.

MALL ACTIVE DURING WORK

The Beck Group Lenox Square Renovation: Facade/ Entry/Food Court Design/Build • Renovation

Renovating an occupied building is never an easy task, but a busy shopping center like **Lenox Square** is an entirely different ballgame. The design and construction of a new Nike store was extremely critical and time sensitive, but **The Beck Group**'s



team met Nike's expectations on time. Because of the nature of the tenant spaces involved, it was crucial that the team keep dust and other construction debris out of the mall's common and shopping areas.

BUILD GEORGIA AWARDS 2015- COMPANIES OVER \$100 MILLION



PLANS PROTECT BUILDINGS

Balfour Beatty Construction 131 Ponce Midtown Apartments Construction Management at Risk New

131 Ponce Midtown Apartments involved throwing conventional apartment construction to the wind. It was complex in site logistics, schedule and safety requirements, as well as tied to Atlanta's architectural heritage. The site is bordered by four lanes of traffic and a historic church built in 1867. **Balfour Beatty Construction** developed logistics and demolition/earthwork plans to protect neighboring buildings and the public.



ADDITIONS DONE IN 18 PHASES

Batson-Cook Co.

Northside Hospital Ground Floor Surgery Renovation and Addition Construction Management at Risk Renovation

Northside Hospital's ground floor surgery renovation and addition had 18 phases. Batson-Cook Co. first focused on the two additional operating rooms, pre-operating bays and a post anesthesia care unit. Pre-op consisted of three separate phases. This work provided seven additional pre-op bays and renovated the existing 11 bays, two nurse stations and restrooms.



EXPANSION COMPLETED ON TIME

Batson-Cook Co.

Cancer Treatment Centers of America Southeastern Regional Medical Center Fiscal Year 2014 Projects Construction Management at Risk New

This project in Newnan consisted of multiple expansions and renovations to the fully operating Cancer Treatment Centers of America Southeastern Regional Medical Center. This project increased the bed count to 50 total beds and despite major changes just weeks before project completion, the Batson-Cook Co. team finished on time.



HALL CELEBRATES FOOTBALL

Brasfield & Gorrie LLC College Football Hall of Fame and Chick-fil-A Fan Experience Construction Management at Risk New

The College Football Hall of Fame and Chick-fil-A Fan Experience celebrates and honors the passion of college football, its people and traditions. The project's design had a number of metal panels inside and out, an acoustical fabric roof over the indoor football field, complex exhibit infrastructure, and a football shaped rotunda. Brasfield & Gorrie LLC worked within a very tight budget.



TECH VILLAGE COMES TO LIFE

Choate Construction Co.
Atlanta Tech Village
Construction Management at Risk
Interior Buildout

In December 2013, Atlanta Tech Village founder David Cummings set out with partners and contractors to transform a traditional office building into an inspiring and modern place to build technology businesses. After 15 months of nonstop construction by **Choate Construction Co.**, the building includes 103,000 square feet of renovated space, 10,000 square feet of event and meeting space, 50 co-working desks, and 63 private offices.



CHOATE SAVES PROJECT \$3 MILLION

Choate Construction Co.
One West Victory
Construction Management at Risk
New

One West Victory in Savannah was a mixed-use project comprised of a five-story multifamily housing complex, precast parking garage, and two dilapidated historical buildings. **Choate Construction Co.** aggressively tackled various value engineering options and identified superfluous areas to shave over \$3 million off the original proposed cost.



PROJECT PUT ON THE FAST TRACK

Gay Construction Co.
Ponce City Market - Base Building &
Site Work Renovations
Construction Management at Risk

Renovation

On this project, challenges started long before work in the field, as the owner challenged **Gay Construction Co.**'s design team to fast-track the original plan, which resulted in seven different packages of drawings, instead of one complete set as originally proposed. The team's scope of work was the entire base building of Ponce City Market, the largest masonry structure in the Southeast.



CAMPUS DISRUPTIONS MINIMIZED

Holder Construction
Agnes Scott College Campbell Hall
Renovation

Construction Management at Risk Renovation

The Holder Construction team used Building Information Modeling in several ways to coordinate critical details and improve communication on the Agnes Scott College - Campbell Hall project. Also, the team found innovative ways to manage the schedule and minimize disruption to the campus operations. Since excavation work was involved, pedestrian safety became a priority.

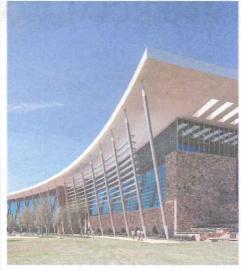
BUILD GEORGIA AWARDS 2015 - COMPANIES OVER \$100 MILLION



PROJECT COMES IN AT BUDGET

Holder Construction
Allied Health Building at Georgia
Gwinnett College
Construction Management at Risk
New

Georgia Gwinnett College's new Allied Health building is in the heart of a congested college campus in Lawrenceville, so Holder Construction's logistics plan addressed student and faculty safety during construction. The project was 30 percent over budget when conceptual drawings were released, but the team worked with the college and Atlanta-based tvs-design to get it within budget.



SCHOOL DELIVERED ON TIME

JE Dunn Construction Co. Charles R. Drew Charter School Junior and Senior Academy Construction Management at Risk New

JE Dunn Construction Co., Perkins + Will and 50 subcontractor and vendor partners successfully delivered the 205,000-square-foot The Charles R. Drew Junior and Senior Academy building in less than a year and a half and in time for the first day of school of the fall 2014 semester. On this project the team faced many obstacles, from a challenging design to weather delays.



CENTER TURNED OVER EARLY

McCarthy Building Companies Inc. Kaiser Permanente Southwood Comprehensive Medical Center Construction Management at Risk New

During summer 2013, record rainfall affected the construction schedule. Despite getting a 47-day extension, McCarthy Building Companies Inc. was able to adjust the work schedule and added additional phases to the work plan, which ultimately allowed it to turn over the new addition at Kaiser Permanente Southwood Comprehensive Medical Center almost two weeks early.



SCHOOL USES UNIQUE MATERIALS

New South Construction Co. Inc. Pace Academy - Arthur M. Blank Family Upper School Construction Management at Risk New

New South Construction Co. Inc. built Pace Academy's Upper School project with unique materials, including multiple veneers like granite, cast stone, and many window openings to allow natural light to flush through the building. Inside the building, spaces are covered in decorative wood ceiling panels, large candle-like chandeliers, and vinyl tile to imitate wood flooring.

BUILD GEORGIA AWARDS 2015 - COMPANIES OVER \$100 MILLION

CURVES FEATURED AT GSU OFFICES

New South Construction Co. Inc. Georgia State University - CURVE Design/Build

Renovation

CURVE is the branded project (Collaborative Research and Visualization Environment) that incorporated its name into the architecture of the space. Curves are featured in the construction of the three **Georgia State University** offices that make up the space with radiused soffits, walls and segmented butt glazing. This project presented a number of challenges for **New South Construction Co. Inc.**, from working in an occupied space



filled with students and faculty to being a second story space with limited access for removal of demolition debris as well as importing large amounts of materials.

SOIL A CHALLENGE FOR PROJECT

New South Construction Co. Inc. Schuetz Manufacturing Facility Construction Management at Risk New

The approximate 325,000-square-foot production and warehouse space for Schuetz Manufacturing was divided between two separate tilt-up buildings, an intermediate bulk container plant and a metals fabrication plant. The most challenging aspect of the entire project for **New South Construction Co. Inc.** was unsuitable soils, which led to under-slab deep foundation work and soil cement stabilization in areas of concern. The team



was also tasked with constructing a "slitter pit," coordinating to receive overseas equipment delivery schedules and constructing a rail spur off a CSX mainline that will travel through the metals fabrication building.

BUILD GEORGIA AWARDS 2015- SPECIALTY



EROSION CONTROL A CHALLENGE

Brent Scarbrough & Co. Costco • Sitework

After another contractor couldn't meet **Costco**'s schedule, **Brent Scarbrough & Co.** began accelerating the site work. The company gave special attention to a waterway feeding into Lake Lanier adjacent to the site. Erosion control methods prevented any contaminated run-off into the lake and **Georgia Environmental Protection Department** was involved with the company's erosion control methods.



ISLAND WORK DONE ON TIME

Brent Scarbrough & Co. Chattahoochee River • Sitework

Shortly after **Brent Scarbrough & Co.** began the DeFoor's project a design change delayed the job for 18 months. The company said Lamar Knight kept detailed notes to ensure a smooth project restart. Because of fluctuating river levels, safety protocols were strictly enforced and a boat captain patrolled the island during working hours. The project finished on time, with no swift water rescues.

ACCELERATED SCHEDULE MET

Brent Scarbrough & Co. Niagara Water Bottling Facility Sitework

Project Niagara was a fast tract tilt up project that included a tremendous amount of excavation and underground utility installation within a short period of time. One of the more difficult challenges of this project was the accelerated schedule in which **Brent Scarbrough &**



Co. had to construct a one-mile entrance parkway and deliver a 452,000-square-foot building pad within seven weeks after the clearing began.

BUILD GEORGIA AWARDS 2015- SPECIALTY



SCHOOL REBUILT IN 12 MONTHS

Brent Scarbrough & Co.
E Rivers Elementary • Sitework
The E. Rivers Elementary School

The **E. Rivers Elementary School** project involved reconstructing the elementary school from the ground up within 12 months. **Brent Scarbrough & Co.** had to install an underground detention pond using 84-inch corrugated metal pipe that spanned 372 feet in the main parking area for the site. The company added 3,100 feet of 4-inch, 6-inch and 8-inch HDPE underdrains to the top of the underground detention pond.



UTILITY SYSTEM WILL AID GROWTH

Eckardt Electric

Rock Tenn Data Center Renovation Electrical

RockTenn and Eckardt Electric Co. saw a future need for expansion of the corporate data center that would accommodate RockTenn's growing company. The project consisted of the addition of a new power utility system from Georgia Power, distribution equipment to a new electrical room, new automatic transfer switches and the relocation of two existing uninterruptible power supplies.



HARRISON WORKS ON 15 BUILDINGS

Harrison Contracting Co. Avalon Mixed-Use Development Finishes/Painting

During the Avalon project **Harrison Contracting Co.** was responsible for painting and wall-covering scopes for 15 different buildings.



HVAC DUCTS INSTALLED ON TIME

Mayberry Electric Inc. PulteGroup • Electrical

The **PulteGroup** project consisted of an interior build out. **Mayberry Electric Inc.** was able to install the HVAC ducts and light fixtures with no additional time added to the schedule.



CALL CENTER OFFICE COMPLETE

Mayberry Electric Inc. Lenovo • Electrical

The Lenovo project was a design-build, 24/7 customer support call center office with conference spaces and an IT/production room in the Vinings area of Atlanta. Since the project was a design-build, all engineering had to be completed in order to select and order the proper equipment. **Mayberry Electric Inc.** completed it on time in a compressed schedule.



TEAMWORK PROTECTS HALL

Metro Waterproofing Inc. College Football Hall of Fame Waterproofing

With the design of the College Football Hall of Fame came many challenging elements that made waterproofing even more critical than usual. Metro Waterproofing Inc. along with Brasfield & Gorrie LLC and Williamson & Associates formed a team that worked together to successfully protect this iconic structure.



CHOA'S SCOTTISH RITE EXPANDED

Rawlins Mechanical Contractors Inc. CHOA Scottish Rite Bed Expansion Mechanical

Rawlins Mechanical Contractors Inc. delivered a complex expansion to the existing Children's Healthcare of Atlanta Scottish Rite facility including 30 in-patient beds and 18 medical/surgery rooms.



DEMANDING DEADLINES MET

Speir and Associates Electrical Contractors Inc.

Middle Georgia State College Recreation and Wellness Center • Electrical Speir and Associates Electrical Contractors Inc. met the demanding deadline of the Middle Georgia State College Recreation and Wellness Center.

