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BUILD

AMERICA AWARDS

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THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA AND CONSTRUCTION RISK PARTNERS PRESENT



THE 2023 CONSTRUCTION RISK PARTNERS BUILD AMERICA AWARDS



BUILDING NEW (UNDER \$20 MILLION) THE COVENANT SCHOOL RHETORIC BUILDING

Skiles Group Dallas, Texas

BUILDING RENOVATION (UNDER \$20 MILLION) JEFFERSON MEMORIAL ROOF AND PORTICO RESTORATION

Grunley Construction Company, Inc. Washington, DC

BUILDING NEW (\$20 MILLION TO \$75 MILLION) NORTHSIDE HOSPITAL FORSYTH VERTICAL EXPANSION Batson-Cook Construction

Cumming, Georgia



BUILDING RENOVATION (\$20 MILLION TO \$75 MILLION)

OSBORNE HIGH SCHOOL RE-BUILD PHASE 1

Carroll Daniel Construction Marietta, Georgia BUILDING NEW (\$76 MILLION TO \$125 MILLION) TK ELEVATOR TEST TOWER AND IQC

> Brasfield & Gorrie Atlanta, Georgia



BUILDING NEW OR RENOVATION (\$126 MILLION OR MORE) CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER CRITICAL CARE BUILDING

Messer Construction Co. Cincinnati, Ohio

CONSTRUCTION MANAGEMENT NEW (UNDER \$99 MILLION) ONE SPRUCE PEAK PC Construction Stowe, Vermont

CONSTRUCTION MANAGEMENT RENOVATION (UNDER \$99 MILLION) CAMBRIDGE HEALTH ALLIANCE, THE CENTER FOR INPATIENT CHILD & ADOLESCENT PSYCHIATRY

> Walsh Brothers, Incorporated Somerville, Massachusetts



CONSTRUCTION MANAGEMENT NEW OR RENOVATION (\$100 MILLION OR MORE) W.K. KELLOGG INSTITUTE AND DENTAL BUILDING EXPANSION AND RENOVATION

> Granger Construction Company Ann Arbor, Michigan

DESIGN-BUILD BUILDING SAN DIEGO INTERNATIONAL AIRPORT SUPPORT FACILITIES

> Sundt Construction, Inc. San Diego, California



DESIGN-BUILD CIVIL MOUNTAIN VIEW CORRIDOR - 4100 SOUTH TO SR-201 DESIGN-BUILD

Mountain View Corridor Constructors, a Kiewit-Clyde Joint Venture Salt Lake City, Utah

CONSTRUCTION MANAGEMENT CIVIL SALISBURY AD1 - GOODRICH FARM Kingsbury Companies, LLC

Salisbury, Vermont

ENVIRONMENTAL ENHANCEMENT

I-5 & SR 11 PADDEN CREEK - FISH PASSAGE PROJECT

Granite Construction Company Bellingham, Washington



FEDERAL & HEAVY NEW FRED D. THOMPSON U.S. COURTHOUSE AND FEDERAL BUILDING

> Hensel Phelps Nashville, Tennessee

FEDERAL & HEAVY RENOVATION THE DALLES LOCK & DAM MITER GATE REPAIR

Advanced American Construction, Inc. The Dalles, Oregon



HIGHWAY & TRANSPORTATION RENOVATION (UNDER \$20 MILLION)

GLENDALE AVENUE RECONSTRUCTION, 99TH AVENUE TO EL MIRAGE ROAD

Combs Construction Company Inc. Glendale, Arizona

HIGHWAY & TRANSPORTATION NEW (\$20 MILLION OR MORE) MID-COAST CORRIDOR PROJECT

Mid-Coast Transit Constructors San Diego, California HIGHWAY & TRANSPORTATION RENOVATION (\$20 MILLION OR MORE)

US54 / IH10 CONNECT EL PASO TX

Sundt Construction El Paso, Texas



UTILITY INFRASTRUCTURE NEW EXASCALE COMPUTING FACILITY MODERNIZATION

> Nova Probst JV Livermore, California

UTILITY INFRASTRUCTURE RENOVATION SALMON CREEK TREATMENT PLANT COLUMBIA RIVER OUTFALL

Advanced American Construction, Inc. Ridgefield, Washington



INTERNATIONAL NEW U.S. EMBASSY COMPOUND NIAMEY, NIGER

BL Harbert International Niamey, Niger

SPECIALTY CONTRACTOR VILLA RICA HIGH SCHOOL SAM MCINTYRE STADIUM Sports Turf Company, inc.

Villa Rica, Georgia

MARVIN M. BLACK PARTNERING EXCELLENCE (UNDER \$20 MILLION)

GLENDALE AVENUE RECONSTRUCTION, 99TH AVENUE TO EL MIRAGE ROAD

Combs Construction Company Inc. Glendale, Arizona



MARVIN M. BLACK PARTNERING EXCELLENCE (\$20 MILLION OR MORE)

> COSUMNES RIVER BRIDGE REPLACEMENT CMGC

> > Granite Construction Elk Grove, California

MARVIN M. BLACK PARTNERING EXCELLENCE (\$20 MILLION OR MORE)

THE MORRISON CENTER EAST CAMPUS BUILDING 2

Clark Construction Fort Meade, Maryland

41ST ANNUAL 2023 CONSTRUCTION RISK PARTNERS BUILD AMERICA AWARDS

Tuesday, March 14 | 12:30 PM | AGC ANNUAL CONVENTION | Las Vegas, NV

WELCOME

Tom Brown, AGC Vice President

SPONSOR'S MESSAGE

Joe Charczenko Practice Leader, Construction Construction Risk Partners

2023 AWARDS CEREMONY

Merit Awards Construction Risk Partners Build America Awards Marvin M. Black Partnering Excellence Awards

GRAND AWARD PRESENTATION

Construction Risk Partners Build America Grand Award

WELCOME...

... TO THE 2023 CONSTRUCTION RISK PARTNERS BUILD AMERICA AWARDS LUNCHEON.

Construction Risk Partners is a proud supporter of the Association of General Contractors (AGC) and the 2023 Build America Awards.

The AGC, its member companies, and the Build America Awards represent excellence in the construction industry. Today, we recognize the innovation, design, planning, and delivery of these projects, which have resulted in structures that will be admired for decades to come. On behalf of all of us at Construction Risk Partners, we would like to extend our sincere congratulations to all the organizations and individuals who participated.

The complexities and ingenuities of the Build America Awards projects are indicative of the rapidly changing construction industry. New technology, alternative delivery methods, an evolving workforce, advancements in automation, and emerging risks remain an ongoing challenge. As an organization, we are proud to partner with the AGC and its member companies in developing construction surety, insurance, and risk management solutions in this evolving landscape.

In closing, we would like to thank our client, carrier and strategic partners for their continued trust and support. As an organization, we remain committed to delivering best-in-class service, and we look forward to future of collaboration and innovation.

Best regards, Joe Charczenko Partner Construction Risk Partners

About Construction Risk Partners

Construction Risk Partners is a full-service insurance and surety brokerage firm with a singular focus in the construction industry. Our specialization enables us to maintain a deep understanding of each client's business environment, allowing us to quickly identify and evaluate the risks to their business and design customized products and services that deliver unique value. We are a nimble, solutions-based company that is solely motivated to help our clients achieve their goals and objectives.

For further information about CRP, please visit our website www.constructionriskpartners.com and follow us on LinkedIn at Construction Risk Partners.

CONSTRUCTION RISK PARTNERS BUILD AMERICA AWARDS

THE CONSTRUCTION INDUSTRY'S "OSCARS"

For 41 years, the Construction Risk Partners Build America Awards have been given in recognition of excellence in the construction industry. These prestigious and highly coveted awards are given to projects selected by a panel of a contractor's toughest critics — other contractors. Judges look for projects that have excelled in the following areas:

- State-of-the-art advancement
- Excellence in project management
- Innovation in construction or use of materials
- Contribution to the community
- Superiority in client service

- Rising to the challenge of a difficult job
- Sensitive treatment of the environment and surroundings
- Partnering excellence

We are proud to recognize 11 Merit Award winners and 25 Construction Risk Partners Build America Award winners representing some of the best new and renovation construction projects this year in the following categories: Building Under \$20 million; Building \$20 million to \$75 million; Building \$76 million to \$125 million; Building Over \$126 million; Construction Management Under \$99; Construction Management \$100 or More; Construction Management Civil; Design-Build Building; Design-Build Civil; Environmental Enhancement, Federal & Heavy construction; Highway & Transportation Under \$20 million; Highway & Transportation \$20 million or more; Utility Infrastructure construction; Specialty Contractor, and the Marvin. M. Black Partnering Excellence Award Under \$20 million, and Marvin M. Black Partnering Excellence Award S20 million or more.

Small and large projects are considered equally and judged on the same criteria. AGC urges all members to consider current projects for next year's competition. For 2024 Construction Risk Partners America Awards information, including deadlines, criteria, application materials, and details regarding the electronic submission process, go to www.agc.org/awards.

CONGRATULATIONS TO ALL WINNERS AND ENTRANTS OF THE 2023 CONSTRUCTION RISK PARTNERS BUILD AMERICA AWARDS!

THE 2023 CONSTRUCTION RISK PARTNERS BUILD AMERICA AWARDS

2023 BUILD AMERICA MERIT AWARD WINNERS

BUILDING NEW (UNDER \$20 MILLION)

Ruth Ellis Clairmount Center O'Brien Construction Company Detroit, Michigan

BUILDING NEW (\$76 MILLION TO \$125 MILLION)

Cook Children's Medical Center Prosper Hospital Linbeck Group, LLC Prosper, Texas

BUILDING NEW (\$76 MILLION TO \$125 MILLION)

First Americans Museum Centennial Builders Oklahoma City, Oklahoma

BUILDING NEW OR RENOVATION (\$126 MILLION OR MORE)

Marriott International Headquarters and Hotel Hensel Phelps Bethesda, Maryland

CONSTRUCTION MANAGEMENT NEW (UNDER \$99 MILLION)

Alamo Colleges St. Philip's Welding & Autobody Collision Center Guido Construction San Antonio, Texas

CONSTRUCTION MANAGEMENT RENOVATION (UNDER \$99 MILLION)

Collin College Information Technology Center JE Dunn Construction Frisco, Texas



CONSTRUCTION MANAGEMENT NEW OR RENOVATION (\$100 MILLION OR MORE)

LC-41 Vulcan Infrastructure Activations Hensel Phelps Cape Canaveral, Florida

UTILITY INFRASTRUCTURE NEW

City of Lewiston WWTP 2020 Improvements Clearwater Construction & Management LLC Lewiston, Indiana

DESIGN-BUILD CIVIL

Tampa International Airport (TPA) Blue Express Curbside and Central Utility Plant Hensel Phelps Tampa, Florida

MARVIN M. BLACK PARTNERING EXCELLENCE (\$20 MILLION OR MORE)

Mid-Coast Corridor Projects Mid-Coast Transit Constructors San Diego, California

HIGHWAY & TRANSPORTATION RENOVATION (\$20 MILLION OR MORE)

SM 101 Express Lanes Project Kiewit Infrastructure West Co. San Mateo, California

THE COVENANT SCHOOL RHETORIC BUILDING

Skiles Group Dallas, Texas BUILDING RENOVATION (UNDER \$20 MILLION)

JEFFERSON MEMORIAL ROOF AND PORTICO RESTORATION

Grunley Construction Company, Inc. Washington, DC

Skiles Group built a three-story expansion at The Covenant School of Dallas to create more space to allow the high school campus to feel more like a university. The expansion included 11 new classrooms, three science labs, two art rooms, two locker rooms, three collaborative learning spaces, as well as 30 offices, faculty workspaces and athletic facilities. Skiles also installed a large tornado shelter that required nearly ten-inch-thick concrete that had to be stacked exactly right. The project took place next to a major highway and had no parking and limited lay down space. Even more challenging, the main staging and parking area was a nearby field that was prone to flooding. Skiles also had to install custom-matched metals from three different suppliers. The team engineered the grass fire lane to meet weight requirements even though it appears like a lush, green field in the center of campus.

The nearly eighty-year-old Jefferson Memorial was suffering from an overgrowth of biofilm on its domed roof. The project was designed to reduce water infiltration and remove the biofilm. Grunley replaced roofing, waterproofing and flashing systems, and performed repairs to the stone and cracks in the roof tile. The team also re-grouted and cleaned all stone surfaces. All of the work was done at roof level, and required a complex scaffolding system that could not anchor into the memorial stone. Grunley installed a temporary scaffolding bridge over two terrace walls, as well as protective materials at all marble surfaces to prevent any damages to the memorial. Weather also presented problems, as conservation work is temperature sensitive. Concrete blankets and electric heaters were required to keep the site heated during the winter. The project was completed on time and within budget in 15 months, restoring the monument to its former glory.

NORTHSIDE HOSPITAL FORSYTH VERTICAL EXPANSION

Batson-Cook Construction Cumming, Georgia

This expansion added a ninth and tenth floor directly above an occupied patient floor. It added 64 patient rooms across 45,000 square feet, requiring an aggressive schedule and close coordination during the various project phases. As the two additional floors were constructed at height, the team established an extensive fall protection and falling object prevention program. The team developed a custom formwork system that supported the placement of more than six million pounds of concrete without incident. The team also built a roof parapet from the formwork system, saving an estimated four months and more than \$100,000. Batson-Cook completed the project on time, and installed an extraordinary "lantern" light box at the top of the facility, complete with programmable LED lights.

OSBORNE HIGH SCHOOL RE-BUILD PHASE 1

Carroll Daniel Construction Marietta, Georgia

Carroll Daniel spent nearly four years building a brandnew set of facilities for the county's oldest high school. The Carroll Daniel team did this while working around a fully occupied and operational campus. The team demolished and replaced nearly half the existing buildings on campus and renovated the rest. The new construction included a four-story instructional wing and state-of-theart gymnasium. The work took place right next to in-use buildings and required careful planning and communication with school officials. The team also had to cope with a large granite rock it discovered after building demolition, right where the new four-story building was supposed to go. Crews also discovered the same rock conditions in the footprint of the new gymnasium. The team came up with a blasting plan for the rock removal, obtained approval from the owner, and managed to complete the entire project without impacting school activities. The project was completed with no lost-time accidents.

TK ELEVATOR TEST TOWER AND IQC

Brasfield & Gorrie Atlanta, Georgia

Brasfield & Gorrie built an 18-shaft elevator research, testing and training tower as well as an adjacent low-rise Innovation and Qualification Center for TK Elevator. The project had to be built to exacting standards to meet TK Elevator's requirements for uniform wall thickness and embed a host of sensors and testing instruments. The LEED Gold project, which stands 420 feet tall, is in a hard-to-access section of The Battery Atlanta, a retail and entertainment district adjacent to the Atlanta Braves' stadium. The project site was surrounded by a hotel, high-voltage sub-station, Interstate 285 and another construction project. Brasfield & Gorrie installed a LED marguee sign within two feet of the building structure, requiring the team to limit subcontractor access around the sign and make design adjustments to allow the sign to fit within an extremely tight space. The project team also had to install 'air bridges' over nearby gas pipelines to prevent construction traffic from crushing the infrastructure. The team hosted multiple tours for the public, engineering students and civic groups throughout the project.

BUILDING NEW OR RENOVATION (\$126 MILLION OR MORE)

CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER CRITICAL CARE BUILDING

Messer Construction Co. Cincinnati, Ohio

This LEED Silver-certified project includes a new building and more than 100.000 square feet of renovations to existing patient buildings. COVID-19 threatened to delay the project in 2020, but Messer collaborated with hospital officials to develop a plan that allowed work to continue safely. The new Critical Care Building added 249 private rooms, as well as much larger pediatric emergency department, a bone marrow transplant center, imaging services and intensive care units. The building was connected to a fully operational patient tower via a prefabricated 100-foot pedestrian bridge. The Messer team used 3-D laser scanning technology to ensure smooth execution and a perfect fit. The neonatal intensive care unit features a spectrally tuned, biologically aware, circadian lighting system. Messer delivered the project six months early and on budget. The firm also recruited 50 local minority residents to begin construction careers and also kept local residents informed throughout street and utility realignments.

CONSTRUCTION MANAGEMENT NEW (UNDER \$99 MILLION)

CONSTRUCTION MANAGEMENT RENOVATION (UNDER \$99 MILLION)

ONE SPRUCE PEAK

PC Construction Stowe, Vermont

PC Construction built this six-story, 125,000-square-foot residential facility in Vermont's Green Mountains. It includes 27 ski-in/ski-out residences, townhomes and penthouses, that have in-residence elevators, balconies, and floor-toceiling windows. The project had a robust schedule, with the completion meant to coincide with the next ski season. Due to COVID, an entirely new project phase plan had to be adopted, creating extensive logistical difficulties. However, the completion date was unchanged. The project took place in the busy resort center, with heavy pedestrian traffic during weddings and the fall foliage and ski seasons. The complex penthouse level framing was designed with three completely independent systems, but a temporary roof system allowed the team to enclose the building from the elements to accelerate the work. PC salvaged a first-aid facility and reused it. The team also created an extensive waste management plan that diverted most construction debris away from landfills.

CAMBRIDGE HEALTH ALLIANCE, THE CENTER FOR INPATIENT CHILD & ADOLESCENT PSYCHIATRY

Walsh Brothers, Incorporated Somerville, Massachusetts

Walsh Brothers built a new Center for Inpatient Child & Adolescent Psychiatry for the Cambridge Health Alliance on their Somerville Campus. The project was needed to help the Alliance cope with the exponential growth in mental healthcare issues among children resulting from the COVID-19 lockdowns. The Walsh Brothers team had to rapidly transform the existing Somerville campus by renovating five floors of an existing structure to provide 69 patient beds and a food service cafeteria. The team had to carefully coordinate all construction activity because they were working directly above an active hospital and could not disrupt ongoing care and operations. Despite that, the project was completed on time with no disruptions.



W.K. KELLOGG INSTITUTE AND DENTAL BUILDING EXPANSION AND RENOVATION

Granger Construction Company Ann Arbor, Michigan

SAN DIEGO INTERNATIONAL AIRPORT SUPPORT FACILITIES

Sundt Construction, Inc. San Diego, California

The University of Michigan School of Dentistry is one of the oldest and highest ranked dental schools in the United States. Granger helped expand the school's W.K. Kellogg Foundation Institute and Dental Building, a complex of four connected buildings that surround an interior courtyard. The team renovated 176,000 square feet of existing dental clinic areas, and built a new four-level entrance and stateof-the-art laboratory space while the school remained open. The team also completed extensive site improvements, including a tunnel connection to an adjacent building. They also replaced two electrical substations, consolidated electrical service from two rooms to one, and installed a new engine generator system and ten custom air handling units. Granger completed the work over 27 phases split up over three-and-a-half years. They finished the project on time despite the pandemic and other challenges.

The Sundt-built Airport Support Facilities replaced and upgraded aging critical infrastructure at the San Diego airport. The project involved constructing four buildings spread over three separate sites and installing a 3.2-million-gallon underground stormwater containment cistern. The new buildings include a facilities management department campus with offices, conference rooms and training space; an airline support building; a warehouse; and a fueling operations building. Installing the cistern was challenging because it had to go in right next to the construction site for the new campus. The team developed a special shoring system to help with the project and better protect surrounding groundwater. The Sundt design-build team met weekly with airport and airline officials to make key project decisions and maintain the schedule. Sundt phased the design deliverable packages for the three project sites so the team could get started sooner than originally anticipated. All buildings were delivered as zero-net-carbon and LEED Gold, save one which was delivered as LEED Platinum.

MOUNTAIN VIEW CORRIDOR -4100 SOUTH TO SR-201 DESIGN-BUILD

Mountain View Corridor Constructors, a Kiewit-Clyde Joint Venture Salt Lake City, Utah

A Kiewit Infrastructure West Co. and WW Clyde & Co. joint venture built a new \$230 million highway to better connect western Salt Lake County. The new Mountain View Corridor extends from a residential suburb to a commercial and industrial development. It includes four miles of two-lane freeway, as well as on- and off-ramps, grade separated bridge crossings, thirteen vehicle and six pedestrian bridges. A new trail system along the corridor allows for walking and biking. The team used an innovative paving approach that will allow the concrete to last longer and be less prone to failure. In more than 700,000 manhours there were no lost time injuries. The team also took the opportunity to visit local elementary schools to teach students about active construction site hazards and discuss construction and equipment in a safe environment.

SALISBURY AD1 -GOODRICH FARM

Kingsbury Companies, LLC Salisbury, Vermont

Kingsbury built a full anaerobic digest plant capable of processing 28.000 tons of cow manure and 65.000 tons of food waste, and generating 7,000 tons of recycled cow bedding each year - all while injecting clean methane into the Vermont gas pipeline. The power and methane generated by the plant supplies nearby Middlebury College with a third of its annual heating. The Kingsbury team also installed a phosphorus removal system that cleans effluent before it is released into the soil, preventing runoff into watersheds that feed Lake Champlain. The team also had to contend with bitter New England winters and coordinate specialty equipment deliveries from overseas during the global pandemic. Kingsbury used 3-D modeling to prefabricate and install many of the project components. They also installed radiant tubing in the digester's vertical walls to speed up the concrete curing process. The construction team worked closely with the family on site to protect farm workers and over 900 resident cows.

I-5 & SR 11 PADDEN CREEK -FISH PASSAGE

Granite Construction Company Bellingham, Washington

FRED D. THOMPSON U.S. COURTHOUSE AND FEDERAL BUILDING

Hensel Phelps Nashville, Tennessee

FEDERAL & HEAVY NEW

The Padden Creek Project is designed to allow fish to travel between Lake Padden and Bellingham Bay. It is the first project of its kind delivered in Whatcom County using Design-Build. The team completed the project without a recordable injury over 41,400 hours of work, and with minimal disruption to the surrounding area. Granite's canyon concept allowed for a significant portion of construction to occur "top-down," which drove a massive reduction in traffic impacts on nearby Interstate Five. The construction method also allowed for narrower lane and shoulder widths, eliminating a third phase of construction. The Washington State Department of Transportation found Granite's canyon construction approach so innovative that it is being replicated on other design-build fish passage projects. The team also incorporated groups of existing trees into the final stream design, reducing the number of trees required to be removed, and also used existing trees as pieces of large woody material to minimize the loss of native trees from the surrounding environment.

This design-build project for the General Services Administration resulted in a six-story, 293,606 square foot facility that houses eight courtrooms, eleven judge's chambers, underground structured parking, and various government offices. The new space fits with Nashville's target for LEED Gold and SITES Silver certification. The design and construction are intended to blend classical and contemporary, and features a blast-rated curtainwall system facade. The entry rotunda features a show-stopping mosaic made up of millions of pieces of glass. Acoustics play an important role in the performance and well-being of courthouse occupants, so Hensel Phelps developed new approaches to improve noise insulation and efficiency. The courthouse is also the largest photocatalytic concrete structure in the U.S., meaning that it self-cleans and reduces smog. The team adapted to several tenant changes, offering full-scale mock-ups and incorporating an additional floor, while also meeting the fast-tracked requirements.

FEDERAL & HEAVY RENOVATION

THE DALLES LOCK & DAM MITER GATE REPAIR

Advanced American Construction, Inc. The Dalles, Oregon HIGHWAY & TRANSPORTATION RENOVATION (UNDER \$20 MILLION)

GLENDALE AVENUE RECONSTRUCTION, 99TH AVENUE TO EL MIRAGE ROAD

Combs Construction Company Inc. Glendale, Arizona

One of the ten largest hydropower dams in the U.S., the Dalles Lock & Dam also serves over a half dozen commercial vessels each day. The U. S. Army Corps of Engineers found cracks in the over sixty-year-old lock's downstream miter gate. Over the course of a 29-day shutdown, the Advanced American Construction team worked round-the-clock to limit disruption to commercial traffic on the Columbia River. The team de-watered the navigation lock, installed a ninestory stair tower; surveyed and laser scanned the existing miter gate; and modified the mitered ends of the gate. The team also developed custom hydraulic wrenches to turn the 10-inch turnbuckles, which were easier to use and more precise than the large wrenches used in the past.

The Glendale Avenue Reconstruction project ranged from 99th Avenue to El Mirage Road. The road is the only major arterial in Arizona paved in Portland Cement Concrete Pavement instead of asphalt. The original design called for asphaltic concrete, but the Combs team recommended the concrete materials instead, which resulted in a superior road surface. As the road is arterial rather than a highway, the team also added a fiber mesh underlay that allowed the team to pour a thinner layer of concrete, saving money and time without sacrificing guality. Combs also had a plan in place to address any material shortages. During construction, Combs also incorporated additional improvements to the project to allow for a new building. The team developed a plan to avoid leaving any of the three intersections included in the project fully closed. They also installed new sidewalks, driveways, curb ramps, irrigation improvements, lighting, signs and striping,

HIGHWAY & TRANSPORTATION NEW (\$20 MILLION OR MORE)

MID-COAST CORRIDOR PROJECT

Mid-Coast Transit Constructors San Diego, California

HIGHWAY & TRANSPORTATION RENOVATION (\$20 MILLION OR MORE)

US54 / IH10 CONNECT EL PASO TX

Sundt Construction El Paso, Texas

The Stacy and Witbeck, Herzog and Skanska joint venture built an eleven-mile extension of the San Diego Metropolitan Transit Systems light rail. The project, which totaled \$1.49 billion and was delivered on time and within budget, included the extension to the system, as well as two commuter and freight railroad double tracking projects, a new bikeway, an arched roadway bridge over Interstate Five, and improvements to the University of California San Diego campus. The team installed 92 miles of new light rail double track, eight bridges, a tunnel, and five park-and-ride facilities. The team worked early to maximize efficiency, which included relocating a major control point that was not in the project scope. The team had to build a new bridge across a busy interstate within a tight footprint with three layers of construction occurring simultaneously.

This project was needed to reduce congestion on the approaches to the Bridge of the Americas Port of Entry. which was causing frequent traffic backups in nearby residential areas. Sundt's proposal beat the competition by more than 280 working days, which allowed the Texas Department of Transportation to begin budgeting for future expansion in the next fiscal year. This was a largescale reconstruction that allows access from a number of nearby highways and included construction of sixteen new bridges, earthwork, paving, demolition, new retaining walls, a storm drain system, and more. The team found unmarked old concrete piles and existing utilities that threatened to delay the project. They also found asbestos in the paint of all the existing bridges due for demolition. This could have delayed the project by up to ten months, but Sundt worked with local transportation officials and an environmental subcontractor to get the materials removed and keep the project on schedule.

EXASCALE COMPUTING FACILITY MODERNIZATION

Nova Probst JV Livermore, California

Nova Probst Joint Venture modernized the Exascale Computing Facility to support the El Capitan supercomputer, which is projected to be the world's fastest. The project required the joint venture to modify and upgrade an existing building and an adjacent 3.5 acres at Lawrence Livermore National Laboratory. The improved facility now provides enhanced power and cooling for current and future supercomputers. Throughout the project, the team had to overcome complications due to COVID-19 and wildfires. The team also had to comply with strict protocols for reducing smoke, dust, vibration and noise that would shut down the computer. Nova crews developed a plan to work around the habitat of a nesting hawk. The joint venture completed the project without a single safety incident and ahead of schedule, allowing the Laboratory to begin high computing capabilities earlier than planned.

SALMON CREEK TREATMENT PLANT COLUMBIA RIVER OUTFALL

Advanced American Construction, Inc. Ridgefield, Washington

The Salmon Creek Wastewater Treatment Plant treats 8 to 10 million gallons of wastewater per day from 120,000 Clark County homes and businesses. Before this project, the treated water was then conveyed through a nearly fiftyyear-old pipeline that lacked the capacity to accommodate the region's growing population. Advanced American installed a new, higher-capacity pipeline that also improves the mixing and dilution of the treated water. Almost twothirds of the new line sits in the Columbia River, where crews could only operate between October and February., The team reviewed water quality levels at least daily, ensuring zero impacts once the project was complete.

NEW U.S. EMBASSY COMPOUND VILLA RICA HIGH SCHOOL **NIAMEY, NIGER**

BL Harbert International Niamey, Niger

SAM MCINTYRE STADIUM

Sports Turf Company, inc. Villa Rica, Georgia

BL Harbert built the new embassy compound on an existing 11-acre campus. It is the first LEED Platinum project in West Africa, embodying the best of American construction techniques while incorporating elements of the landscape and culture of Niger. The team built multiple facilities on the compound, including office buildings, service facilities and residences, all of which required extensive physical and technical security elements. The site for the compound is landlocked, making it harder for the team to get access to imported materials, and risk delaying the project. Yet the BL Harbert team worked carefully to ensure that all but one container of imported materials arrived fully intact. The project team also brought in skilled instructors to help train over 1.500 inexperienced local workers. These local workers learned specialized trades and best-in-industry safety practices. Employing them also helped inject over fifty million dollars into the local economy and prepared a new generation of local craft workers.

Sports Turf Company installed one of the safest, highest performing and most durable surfaces for athletes at the Sam McIntyre Stadium at Villa Rica High School. The expanded eight-lane running track allows the Wildcats to host track meets on campus, and will last longer thanks to the installation of a special synthetic surface. The team also installed an artificial turf field featuring a special AstroTurf RootZone 3D3 Blend system, shock pad and fill. The turf is a performance system that combines different fibers for optimum durability. The shock pad technology features large drainage channels and thicker padding to improve player safety. The team had to work with construction taking place all around the perimeter of the track and field, which restricted available lay down areas and posed other logistical challenges.

GLENDALE AVENUE RECONSTRUCTION, 99TH AVENUE TO EL MIRAGE ROAD

Combs Construction Company Inc. Glendale, Arizona

The Glendale Avenue Reconstruction project ranged from 99th Avenue to El Mirage Road. The road is the only major arterial in Arizona paved in Portland Cement Concrete Pavement instead of asphalt. The original design called for asphaltic concrete, but the Combs team recommended the concrete materials instead, which resulted in a superior road surface. As the road is arterial rather than a highway, the team also added a fiber mesh underlay that allowed the team to pour a thinner layer of concrete, saving money and time without sacrificing quality. Combs also had a plan in place to address any material shortages. During construction, Combs also incorporated additional improvements to the project to allow for a new building. The team developed a plan to avoid leaving any of the three intersections included in the project fully closed. They also installed new sidewalks, driveways, curb ramps, irrigation improvements, lighting, signs and striping.

MARVIN M. BLACK PARTNERING EXCELLENCE (\$20 MILLION OR MORE)

COSUMNES RIVER BRIDGE REPLACEMENT CMGC

Granite Construction Elk Grove, California

Committed collaboration with Caltrans on the Cosumnes River Bridge replacement allowed the Granite Construction team to save two years from the original schedule and millions of dollars. The 1950s bridge was suffering structural and seismic deficiencies, with the river eroding soil around the foundations. Granite removed four river bridges and two railroad bridges and constructed three replacement bridges with two miles of associated roadway improvements. The team had to do extensive shoring, drill shafts, install retaining walls, and build a cast-in-place substructure, among other tasks. The team started work while still finalizing the design, which allowed them to shave one year off the schedule. They saved a second year by using Accelerated Bridge Construction techniques. The team also saved time and money by revising the pile design for the river bridges, finding a closer borrow source, and implementing on-site concrete recycling.

THE MORRISON CENTER EAST CAMPUS BUILDING 2

Clark Construction Fort Meade, Maryland

When Clark Construction partnered with U.S. Army Corps of Engineers on this project, it proposed a "one team" concept. With sixty different entities involved, the team was able to successfully track and resolve over 15,000 comments on design-phase project drawings without having to enter into mediation, arbitration or other legal action. The new 846,114 square foot, 7-story National Security Operations Center and below-grade utility plant that Clark built will serve as a "nerve center" with 24-hour operations. It includes command centers, open operations floors and office areas, analyst collaboration areas and conference facilities, as well as dining, a fitness center and retail spaces. The team also had to connect the new building to an existing secure operations building by installing an elevated, glass-enclosed and radio frequencyshielded pedestrian bridge. Clark also had to build a ninelevel, 1.1 million square foot cast-in-place concrete parking structure and expand and upgrade an existing generator plant. As part of this effort, Clark installed 15 new generators, two electrical substations, and new switchgear. as well as new fuel tanks and distribution infrastructure.



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THE CONSTRUCTION RISK PARTNERS BUILD AMERICA AWARDS

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The Construction Risk Partners Build America Awards have always showcased the best of construction. Past winners have rebuilt earthquake-damaged highways and bridges, renovated historic structures along "Main Street America," built state-of-the-art stadiums and hospitals, constructed new public works and revitalized aging infrastructure across this great nation. The Construction Risk Partners Build America Awards also include a "Partnering and Collaboration Excellence" category to recognize those projects best epitomizing the principles of partnering. Inspired by AGC's Past President Marvin M. Black, the inclusion of partnering into the Build America Awards represents a timely and unified celebration of the construction industry's finest. For the 2024 Awards, all entries must be submitted no later than Wednesday, October 19, 2023.





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WILL RECOGNIZE GENERAL AND SPECIALTY CONTRACTORS WORKING AS PRIME CONTRACTORS FOR PROJECTS COMPLETED BETWEEN NOVEMBER 1, 2022 AND NOVEMBER 1, 2023, OR AWARDED BY AN AGC OF AMERICA CHAPTER. FOR 2024 CONSTRUCTION RISK PARTNERS BUILD AMERICA AWARDS INFORMATION, INCLUDING DEADLINES, CRITERIA, APPLICATION MATERIALS, AND DETAILS REGARDING THE ELECTRONIC SUBMISSION PROCESS. PLEASE VISIT WWW.AGC.ORG/AWARDS.

Cover Photo:2022 Build America Grand Award Winner MSU STEM Teaching & Learning Facility
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