

THE SUNDT EXPERIENCE

SPRING 2010

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SUNDT

LOOP 202 FREEWAY IN PHOENIX UNDERGOING \$188 MILLION WIDENING PROJECT

Sundt and joint venture partner Kiewit Western are working on a large design-build contract for the Arizona Department of Transportation: the widening of more than 10 miles of the Loop 202 freeway that runs through Phoenix and Tempe. The project will help manage increasing traffic



The Loop 202 project includes widening 22 bridges.

volumes by adding general purpose lanes along ten miles of the freeway's eastbound side and approximately two miles along the westbound side. Twenty-two bridges will be widened as part of the \$188 million project, including the

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SAN ANTONIO OFFICE WILL EXPAND SUNDT'S PRESENCE IN TEXAS

In February, Sundt opened its new office in San Antonio, Texas to expand its presence and services in the San Antonio/Austin area. The office is headed by Sundt Senior Vice President John Carlson, a second generation Sundt employee with deep roots in the state.

What types of projects will Sundt be pursuing from its new office?

Everything we're doing currently throughout the company: primary and secondary

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John Carlson

LOOP 202 FREEWAY IN PHOENIX UNDERGOING \$188 MILLION WIDENING PROJECT

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mile-long bridge that spans the Salt River, which Sundt built in the 1990s. The contract includes the installation of about 500,000 square feet of various kinds of retaining and noise walls, as well as landscaping and other aesthetic treatments. An average day on the project consists of delivering and placing over 600 cubic yards of concrete, 45,000 pounds of reinforcing steel and 950 tons of aggregate base. The total contract time for both design and construction is only 600 calendar days.

In addition to the tight schedule, the project team is facing the challenge of coordinating with a number of municipal governments, along with several state and federal agencies, including the U.S. Fish and Wildlife Service. A type of migratory swallow that makes mud nests in and around the project area required the team to remove the nests before the birds returned for the breeding season. Widening a busy freeway also brings the challenge of maintaining traffic flow for over 150,000 vehicles per day. “We are required to maintain existing traffic, so work-zones are extremely tight,” said Deputy Project Manager Travis McCarthy. “This is mostly an elevated freeway, and there is very limited space to work in next to the right-of-way.”

Despite its complications, the project has gone smoothly, thanks in large part to a strong joint venture partnership and the use of co-location. The entire project team, including the design team, owner’s representatives and inspectors, are all located in one huge office building. “It’s an extremely efficient way to have spontaneous meetings and resolve issues quickly,” said McCarthy.

URS Corporation is the lead design engineer. The project is on schedule to be finished by August 2010.

To date the project team has self-performed the placement of 33,050 cubic yards of concrete roadway pavement and 54,200 cubic yards of structural concrete for bridge structures and walls.





JUVENILE DETENTION CENTER PROJECT EXPANDS SUNDT'S JUSTICE MARKET CAPABILITIES

Over the years, Sundt has built a number of jail and prison projects. The company recently tapped into that experience by re-entering the justice market as the design-build contractor for the \$56 million San Bernardino Juvenile Detention and Assessment Facility in San Bernardino, Calif. The 280-bed project, designed by Arrington Watkins Architects, is being built in 20-person modules in a campus-style arrangement that includes a 47,000-square-foot kitchen, classroom space, common areas, exercise rooms, outdoor sports facilities, an intake/booking center, office space, and a warehouse. It will also be equipped with a state-of-the-art electronic security system. The design of the new facility emphasizes consolidating services such as dining, medical and education as much as possible in order to streamline operations and minimize the need for transporting individuals from one area to another.

Modern juvenile facilities are very different from jails and prisons because they provide a unique set of services to a specific population, which is why such projects occupy their own market niche. "This is a terrific entry into the juvenile justice market," said Project Director Steve Blaylock. "Sundt has corrections experience involving jails and prisons, but this is our first facility for juveniles. This project has allowed Sundt to show its considerable skill in delivering design-build projects in the justice market."

The team had formal partnering sessions to kick off the project in March 2009. They also use RH & Associates, a partnering consultant, to facilitate the process. Each month the owner, architect and Sundt, invite participants from San Bernardino County, consultants, and subcontractors to evaluate how the project is going. "San Bernardino County, the project owner, has been terrific to work with because they fully understand and embrace the partnering process," said Project Manager Dan Stowers. Co-location of the owner and inspectors in one job trailer with Sundt assures open communication and further cultivates the spirit of partnership.

The San Bernardino Juvenile Detention and Assessment Facility will be complete in March 2011.

Above: Artist's renderings of the San Bernardino Juvenile Detention Center and Assessment Facility.

Below: Progress on the interior holding area and a concrete cell lid being lowered into place.

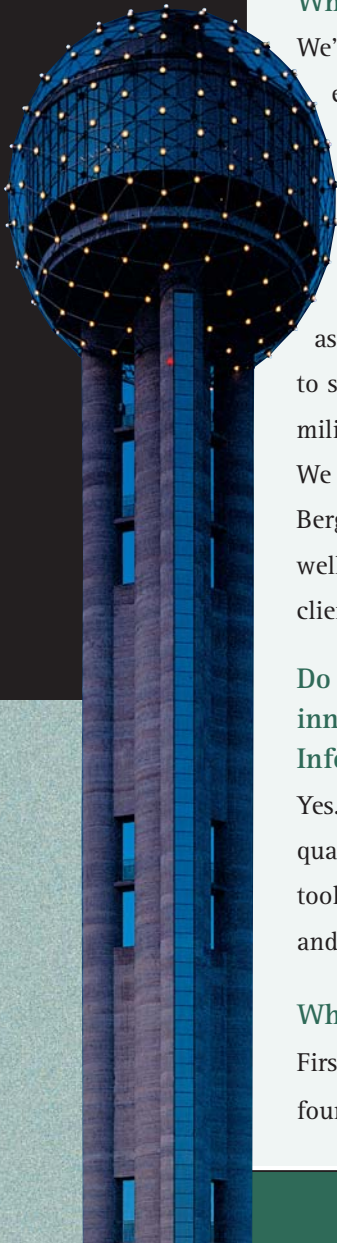




SAN ANTONIO OFFICE WILL EXPAND SUNDT'S PRESENCE IN TEXAS

Above, left to right: Two Legacy Town Center, Plano; Lackland Air Force Base-Training Annex and Fitness Center, San Antonio; artist's rendering of Fort Sam Houston Warriors in Transition Barracks

Below: Reunion Tower, Dallas



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education; federal facilities; infrastructure work including bridges, highways, streets, utilities, drainage, rail, treatment plants, traditional and alternative energy, and airport facilities; offices and public buildings; hospitality projects; mission critical and biotechnology facilities; health-care projects and more.

What does Sundt bring to the market that is important to clients?

We're known for our dedication to meeting all of our clients' goals and exceeding their expectations. We also bring our culture of doing the right thing, acting in the best interest of our clients and being a productive team member that solves problems.

What kind of work has Sundt done in Texas, and why is Sundt a good fit with the San Antonio market, and Texas in general?

We have been building projects in Texas for 40 years that have included landmark projects as well as projects that have greatly benefited the communities where they were built and meant to serve. We have current work in San Antonio at Fort Sam Houston, recent history at the other military bases located in San Antonio as well as border facilities south of San Antonio. We have current work north of Austin at Fort Hood and we have built facilities at the former Bergstrom Air Force Base and several projects at the Austin-Bergstrom International Airport as well as commercial building work in the Austin area. Sundt's mission, which is to invest in our clients and in the communities where we live and work, is a great fit for the culture of Texas.

Do you believe that the marketplace will be interested in some of Sundt's innovations like ROCK (Remote Office Construction Kits, patent pending), Building Information Modeling, Lean Construction Methods, and Last Planner System?

Yes. They are relevant in any marketplace where they can create value for the client by increasing quality, reducing costs, and facilitating faster delivery. The other benefit of our industry-leading tools is the increased collaboration they provide between the architect/engineer, subcontractors and the clients' operation and maintenance personnel.

What makes you ideal for this job?

First, my wife was born and raised in Texas and is part of a family that owns and operates a fourth generation Texas business. Second, I'm a second generation Sundt employee. My father

ran the Sundt subsidiary in Katy, Texas (located near Houston) in the 1980s. In the 1990s he was based in San Antonio as the joint venture manager in charge of the reconstruction of the U.S. Embassy in Moscow. My wife and I lived in Austin for three years while I managed four contracts at the new Austin-Bergstrom Airport.

All of this has given me deep roots in Texas and an understanding of the local culture and how to do business there properly. I have been with Sundt for 28 years and I understand the history of the company and our values, which are in concert with the culture of Texas.



Austin-Bergstrom International Airport

SUNDT'S DIVERSITY PROGRAM REFLECTS COMPANY'S CORE VALUES

As Sundt celebrates its 120th anniversary and continues to seek out and expand into new markets, its diversity program is also experiencing significant growth and success. On average, at least 20 percent of the subcontractors working on Sundt's projects are small and/or minority-owned businesses, regardless of contracting agency requirements. This percentage far exceeds the average stipulated by most federal contracts, as well as Sundt's own mandatory internal goal, which the company imposed on itself several years ago and is about to increase.

According to Marián Enriquez, Sundt's Small Business Liaison Officer and Corporate Compliance/Diversity Representative, the reason for this ardent commitment to diversity is simple. "It comes directly from our core values," she explained. "We want to be the contractor of choice for the small/minority business community; therefore, we are modeling a diversity program that will help that segment of the community. We understand the importance of this investment, so we provide the tools necessary to become more successful and in turn expand the pool of qualified subcontractors. It's really a win-win situation."

Sundt's diversity program includes numerous opportunities for educating and mentoring small, minority-owned and disadvantaged businesses, as well as advocating at the local and state levels. Enriquez was recently named Advocate of the Year by the Associated Minority Contractors of America, which is one of the largest non-profit associations made up of small and large companies. She was also recognized by the governor of Arizona for her leadership, commitment and active participation during the "Building an Inclusive Community" conference led by the Diversity Leadership Alliance. Recently, Enriquez has been leading various educational open houses for subcontractors in San Diego, Sacramento and Phoenix. She is now looking forward to leading a formal mentoring relationship with a Small Business Administration-certified firm.

Sundt realizes the importance of mirroring the needs of its clients, says Enriquez, which is another reason the company places such a high value on diversity. "Our clients know that diversity benefits their projects and their communities, and increasingly they are looking for contractors who share their values. We have definitely won projects because of our demonstrated commitment to helping the minority business community."



**Our People
Make the
DifferenceSM**



Marián Enriquez

DIGITAL RECORDS SYSTEM WILL BRING GREATER EFFICIENCY TO SUNDT AND ITS CLIENTS

Sundt is known for its cutting-edge programs and technologies, and now it's implementing another innovative practice that will bring greater efficiency to the way it does business. Like many companies, Sundt has spent years filling storage areas with boxes of files for each completed construction project. Those boxes – on average 30 per job – are kept for 10 years, taking up considerable space and creating a major headache for anyone who might have to search through them at a later date for a particular document or piece of sample material. But that's all about to change, thanks to the new Sundt Digital Records System.

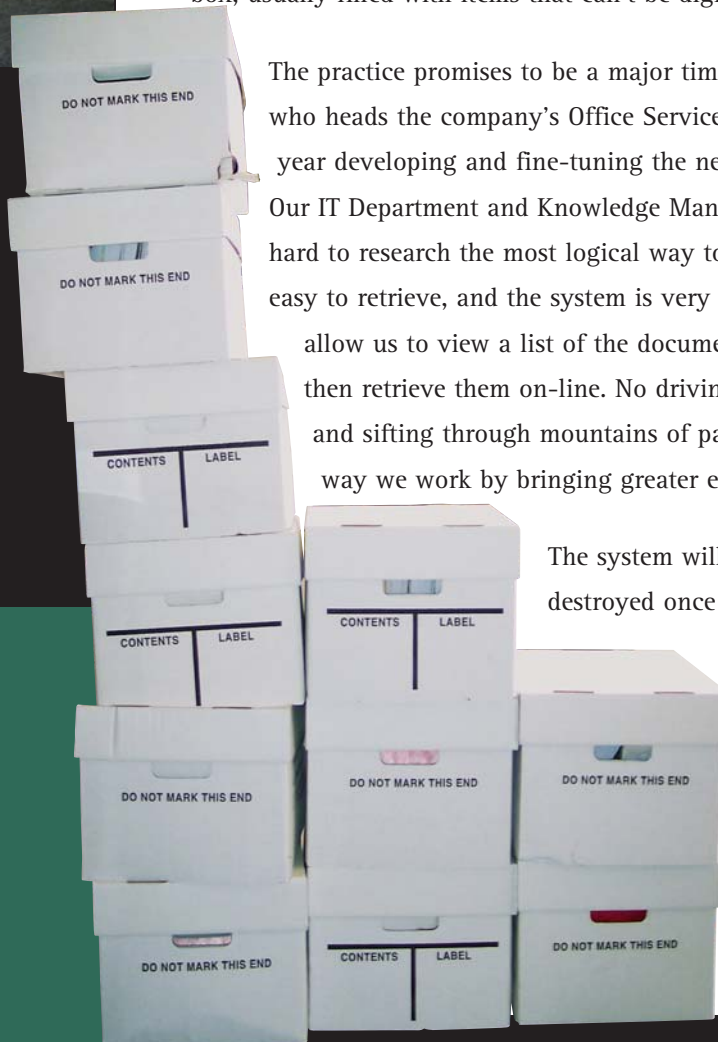
The system will change the way project documents are archived, accessed and ultimately destroyed. Instead of being kept in boxes, paperwork will soon be stored digitally in a searchable database. The process is simple: project personnel scan the documents into the database with the use of a printer/scanner located in each jobsite trailer. The practice will save huge amounts of paper, especially because some documents won't ever be printed and scanned at all; they'll simply be viewed on-screen and then stored directly as digital files. The goal is to reduce the stored materials for each project down to one box, usually filled with items that can't be digitized, like carpet and tile samples.

The practice promises to be a major time and money saver, says Ellisa De Rosa, who heads the company's Office Services Department. "We have spent about a year developing and fine-tuning the new system, and it's going to be great. Our IT Department and Knowledge Management Specialist have worked very hard to research the most logical way to store and label documents so they'll be easy to retrieve, and the system is very user-friendly. The new digital system will allow us to view a list of the documents for each project on a computer and then retrieve them on-line. No driving to the storage site, pulling out boxes and sifting through mountains of paper. It's really going to revolutionize the way we work by bringing greater efficiency to us and our clients."

The system will also change the way documents are destroyed once they're no longer needed, usually a decade after the project completion date. Right now that job falls to an unlucky individual who has to sort, shred and discard the boxes one by one. The digital system will monitor the aging of documents and when the "destroy by" date arrives, it will send email messages to several key personnel



Storage areas filled with boxes of project records will soon be a thing of the past, thanks to Sundt's new digital records system.



asking them if it's all right to delete the files. Although the process is easy, it has been set up with several levels of safeguards and security so that nothing is lost by mistake.

The Sundt Digital Records System is based on Microsoft Sharepoint software, which Sundt's IT Department customized to the company's specific needs. They also added a few other technologies to develop a truly unique product that is a bit ahead of the curve, says IT Director Chris Lake. "We basically took the best-of-breed approach, where we are using various products for various functionalities. I know of a few other contractors of our size who have created similar systems, but in general most companies are still facing the archive problem and trying to figure out how to solve it."



Scanning documents will allow them to be searchable from a database, greatly improving efficiency and accessibility.

JUNIOR ACHIEVEMENT'S CONSTRUCTION BIZTOWN GETS SUNDT SUPPORT

Industry service is a core value at Sundt, and one way the company is supporting young people's interest in the construction industry is through Junior Achievement, a national organization that educates young students in "real world"

subjects such as job seeking, entrepreneurship and financial literacy. Students receive instruction in classrooms and interactive learning labs known as "BizTown," a 6,000-square-foot replica of a bustling American town. Junior Achievement of Arizona is the first to feature a construction industry BizTown, called Building Arizona Co. The learning lab focuses on construction, design and related services to enhance students', teachers' and parents' awareness of the variety of potential careers in the construction industry. Children in grades 4-6 are receiving an introduction to the construction process that will excite them about a career in this field and enable them to make an educated choice on future career paths within the construction industry.



"JA BizTown is preparing our young people for success in tomorrow's workplace," said Junior Achievement of Arizona, Inc. President Joyce Richards. "Our goal is to provide them with the skills and motivation to create better lives for themselves, and ultimately their families and their communities."

Sundt has committed five years of financial support for the construction-focused BizTown in Arizona, and is working with partners in the construction industry to develop long-term financial and volunteer support for similar BizTown programs in Junior Achievement's 28 interactive sites around the U.S.



At the construction BizTown, students learn about a variety of industry tasks, from craft work to preparing bids to checking designs.



The new Mesa Municipal Court facility has more than double the space of the building it's replacing. It's being used as a model for other cities that are planning new courthouses.

COURT FACILITY FURTHERS SUNDT'S POSITION AS A LEADER IN THE JUSTICE MARKET

In January, Sundt completed the \$26.1 million Mesa Municipal Court Facility in Mesa, Ariz., expanding its growing list of correctional/justice work and furthering the company's position as a leader in this market area.

The three-story, 97,000-square-foot facility replaced an outdated, crowded building and allows the City of Mesa to consolidate its justice operations under one roof for the first time. The building is made of concrete and structural steel, with attractive wood finishes throughout the courtrooms, judge's chambers, and meeting rooms. RNL Design was the architect.

"The project went very smoothly from start to finish. In fact, we even turned it over to the owner a week ahead of schedule," said Sundt Senior Project Manager Dave Jones. "The one challenge was the tight site, which was bordered on all four sides by streets and buildings, so we ended up renting a nearby parking lot from the Mesa United Way to use for equipment and staging. It worked out great for everyone. We had the room we needed, and the United Way earned a sizeable amount of money to use for their charitable programs."



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