



Reduce Paper & Generate Savings

In the summer of 2010, Turner Construction Company issued a case study to share how the project team working on the Cobb County Superior Courthouse in Marietta, GA was reducing project paper costs. Halfway through completion of the 230,000 sq ft, seven-story plus basement facility, Turner and the Owner reduced reprographic fees by 65% and courier fees by 50%. These cost savings were achieved by using **Bluebeam PDF Revu** to digitally review and markup the majority of the project's submittal drawings. Rather than printing, redlining by hand and then shipping these documents to partners, project team members electronically added comments to PDFs - including text, shapes, takeoffs and text stamps - and digitally assembled submittals by adding, deleting, inserting and rotating pages.

These figures inspired the project team to move beyond digital submittals and find more ways to digitize communication. "We were excited to be saving so much on paper costs, but we really want to push the limits even further to deliver an even greater benefit and cost savings to the Owner," said Winston Williams Jr.,

Turner Construction Company Project Manager. "Towards the end of a project, paper production increases as bulletins, punchlists, As-Builts and O&M Manuals are generated," said Williams. "Our team relied on the knowledge we had gained on the first half of the project to find new ways to digitize these traditionally paper-intensive processes."

Additionally, the project team took its paperless processes into the field. Using tablet PCs, project team members on the job site used Bluebeam's markup tools to digitally track issues, create punchlists and review drawings. Turner provided the majority of the building documentation digitally at project completion to the Owner. While they would typically submit three printed sets of the O&M manual and all drawings and submittals, the team delivered this information electronically in PDF, along with one printed set. These efforts reduced the amount of paper used on the project by 84,780 pages, saving Turner and the Owner 73 % of project-related paper costs.

For more information go to: www.bluebeam.com.

Member News

The **Hunt/Moss** construction team was awarded the 2011 Tekla North America BIM Award for the steel on the New Marlins Ballpark. The award was received by IntelBuild, a division of the Canam Group, whom utilized Tekla to draft and engineer the retractable roof steel structure.

Each year Tekla hosts a North America BIM Award competition open to all Tekla users who have modeled projects with the software during the preceding year. Marlins New Ballpark won the steel category for its retractable roof.

The Wharton Club of South Florida announced that **Terry Stiles**, Chairman and CEO of Stiles, will be honored as their 2011 "Entrepreneur of the Year."

Terry Stiles' intuition, vision, and strong entrepreneurial drive are key factors in the continued success of Stiles, and major consideration for this award.

Miller Construction Co. has launched the major renovation and expansion of Fisher Island Club's Spa and Fitness Center at the world-class private island residential community and club.

On track for completion in summer 2012, the 24,000-sq.ft. Spa and Fitness Center and its grounds will feature luxurious lobby and treatment areas, a state-of-the-art fitness facility and six new pools, including spa, cold plunge, tranquility and roman bath pools, as well as a refinished lap pool.

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Marlins New Ballpark

It's all about the Service!

Each month Construction FOCUS features a CASF member company, selected by drawing a business card from among those attending the monthly networking breakfast. The next breakfast, sponsored by KM Plaza, will be held on Thursday, October 20, 7:30 a.m. at Shula's Hotel in Miami Lakes.

Specialty Engineering Consultants, Inc. was founded in 2002 by two veteran building inspectors, D. Mark Le Blanc, PE and Kurt Johnson. They have over 55 years of combined experience in their field and have worked on some of the most prominent developments in South Florida, from the Kravis Center to the Panther Arena. Keeping the company small with only 10 employees has allowed SPEC the ability to deliver exceptional service and help many of South Florida's developments move along smoothly.

SPEC provides special and threshold Inspections, construction material testing, quality control inspections, geotechnical and structural engineering, as well as detail drawings. They collaborate with general contractors and specialty contrac-

tors in helping them maintain high quality construction, stay on schedule & on budget, and comply with the Florida Building Code. The company's main philosophy is "It's all about the Service" as they are mainly focused on expertise, integrity, and responsiveness, with a go-getter attitude towards all of their projects. Clients can call Mark or Kurt directly with any questions or concerns they may have and decisions are made promptly. There are two full-time structural engineers always available to help the field staff in answering questions as quickly as possible when difficult structural problems arise.

By constantly seeking innovative, cost saving ways to help clients avoid expensive delays or mistakes and sticking to their formula for integrity and responsiveness, SPEC has been able

to keep their clients happy for a long time and currently has a 95% client retention rate. "The best part of working with Specialty Engineering is the daily client interaction and the opportunity to creatively assist our customers with their projects. We get to 'play in the dirt', ensure safe construction, and be part of Florida's dynamic construction industry", expressed Lindsay Scherr, Director of Business Development.

Currently, SPEC is working on the University of Miami Life Science and Technology Park, Northwest Gardens Apartments, Parkland Reserve (luxury single family homes), the Delray Chrysler Jeep Dodge Showroom, and a 60,000 sq. ft. waterfront home, Playa Vista. They plan to start working shortly on the Hyatt Place Pineapple Grove hotel, Gulfstream Gardens, and a 6-story condominium building, 4001 Ocean, to name a few.

"The biggest obstacle we have overcome this year is coming out of the recession with the same dedication to customer service and adapting to the newly active construction climate," communicates Scherr. To keep up with the increased volume of projects coming out of the ground, the company is now hiring new team members.

SPEC recently joined CASF and has been taking advantage of the numerous networking opportunities.

Specialty Engineering Consultants, Inc. is located at 1599 SW 30th Avenue, Suite #20, Boynton Beach. For more information, call 561-752-5440 or visit www.SpecSF.com.

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Construction Focus is the official publication of the Construction Association of South Florida. Article suggestions and submissions for publication consideration should be forwarded to the Executive Vice President.

OSHA Record Keeping and Procedures

Vergie Bain, Compliance Assistant Specialist for OSHA, facilitated a round table discussion on OSHA Recordkeeping and OSHA forms. She also explained what OSHA considers a "recordable incident". Employers are required to maintain the OSHA Log if they have 11 or more employees during the previous work year.

The OSHA Form 300, Log of Work-Related Injuries and Illnesses, has been simplified. Among the changes is the addition of an occupational hearing loss column. "Days away from work" column now comes before the days "Job transfer or restriction" column. In order to protect an employee's privacy, employers can conceal the name of the worker on the 300 Log. This is permitted for certain types of sensitive injuries or illnesses, such as HIV infection, mental illness, sexual assaults and/or if the employee requests that their name not be entered on the log.

The OSHA Form 301, Injury and Illness Incident Report, includes more data about how the injury or illness occurred. Employees and former employees have access to their own 301 forms.

The OSHA Form 300A, Summary of Work-Related Injuries and Illnesses, provides additional data to make it easier for employers to calculate incidence rates.

A company executive is now required to sign and certify the accuracy of the summary. It must be now posted for 90 days instead of 30 days.

The term "lost workdays" is eliminated and the new rule requires recording "days away", "days of restricted work", and "transfer to another job". Calendar days are counted not just work-days. Employers should begin count on the day after the injury occurred or the illness began and only need to count up to 180 days. They should stop counting days if an employee leaves

the company not related to the injury.

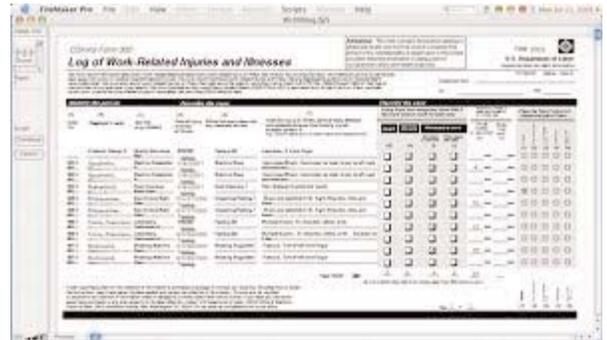
First aid has been clearly defined. Incidents that are

treated in the following manner are considered first aid and these incidents are not recordable:

- ◆ Use of non-prescription medications at non-prescription strength
- ◆ Administration of tetanus immunizations
- ◆ Cleaning, flushing, or soaking wounds on the skin surface
- ◆ Use of wound coverings, e.g., gauze pads, Band-Aids, or Steri-Strips
- ◆ Use of hot or cold therapy
- ◆ Use of eye patches
- ◆ Use of any non-rigid means of support, e.g.,

wraps

- ◆ Drinking of fluids to relieve heat stress
- ◆ Use of simple irrigation or cotton swab to remove foreign bodies not embedded in or adhered to the eye



- ◆ Use of irrigation, tweezers, cotton swab, or other simple means to remove splinters or foreign material from areas other than the eye

- ◆ Use of finger guards
- ◆ Using massages

The recordkeeping rule requires the recording of all contaminated needle sticks and sharps injuries. The 300 Log may be used in lieu of a sharps injury log provided the type and brand of the device causing the sharps injury is listed on the Log and records are maintained in a way that segregates sharps injuries from other

types of work-related injuries and illnesses.

The requirement to verbally report a fatality or the hospitalization of three or more employees to OSHA within 8 hours of the incident has not changed.

For more information on OSHA Recordkeeping Requirements visit their website at www.osha.gov.



CONSTRUCTION
FOCUS

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ROUTE TO:

1st Annual CASF Sporting Clay Shoot

Cemex Hunt Club, Hobe Sound, Friday, September 9.



1st Place Team: (l to r) Stewart Miller, Hans Rowland, Ashley Little and Mike Little with a total score of 312.



2nd Place Team: (l to r) Henry Richie, Chris Long, Garret Southern and Joe Fordham with a total score of 306.



3rd Place Team: (l to r) Jeff Cathey, John Tremblay, Michael Holeman and Shawn McGee with a total score of 281.



Top Scoring Individual: Jeff Cathey, Holeman Shell Contracting, with a single score of 96 out of 100.