



No Better Time to Build

Nationally, prices for materials used in construction have climbed 0.5 percent in November and 4.8 percent over the past 12 months. Metal prices have shot up 5.6 percent in November and 16 percent over the past 12 months for copper and brass mill shapes, 4.8 percent and 18 percent respectively for diesel fuel, and 3.5 percent and 14 percent for aluminum mill shapes. Steel producers have also announced hefty increases in the months to come. Prices charged by concrete, roofing, electrical and plumbing contractors showed very small movements in either direction. Ken Simonson, the Associated General Contractor's chief economist, predicts price spikes in multiple materials for 2011 as the U.S. and foreign economies pick up speed.

Owners sitting on "shovel ready" projects need to pay attention if they are looking for ways to maximize the value of their dollars. While the labor market is full of talented people eager to perform they can hire the "A-team" and still take advantage of low labor costs, now, as the construction market improves.

Also, with the Bush tax

rates just approved by Congress for the next twenty-four months the uncertainty of a large portion of business costs is over. Now owners can invest in new development, along with the renovation and retrofit of existing buildings, knowing that the "bang-for-buck" factor is as good as it gets.

People responsible for purchasing construction services in both the public and private sectors will be doing an injustice to their constituencies by waiting any longer to start construction projects. We need to do them a favor by letting them know that the construction industry is alive and well; willing and able; and presently available to perform any and all of their construction needs. That may not be the case if they wait.

Lost Jobs

Region loses 9,800 construction jobs in 12 months, according to S. Fla. Business Journal. Palm Beach County lost the most construction jobs, year-over-year, down to 21,800 from 25,800 in October 2009. Broward County lost 11 percent, falling to 31,200 from 35,000. Miami-Dade fell 6 percent, to 32,700 jobs from 34,700.

Member News

Matt Olsen of Northwestern Mutual Financial Network was recently appointed to the Riverwalk Trust Board of Directors. This commitment includes a pledge to serve as a catalyst in building and nurturing Riverwalk and Downtown Fort Lauderdale as a vibrant community.

Chosen by his peers, this prestigious position was bestowed on Olsen in large part because of his strong sense of community involvement.

Moss & Associates announced that Scott R. Moss will assume the position of President on January 1, 2011 as the initial phase in a multi-year transition plan.

"We are extremely pleased to be able to move Scott into a position of additional responsibility as part of our long-term transition plan," said Bob L. Moss, chairman and chief executive officer.

Scott began his career as a Project Engineer with Centex Rooney and was promoted to Project Manager prior to his departure from the company. When Moss & Associates commenced operations in 2003, he signed on as the company's first employee. While managing construction on one of the company's first projects, he also had primary responsibility for many of the company's corporate functions including accounting, IT, HR and marketing. In January 2005, he was promoted to Vice President, supervising the company's fast-growing portfolio.

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Florida



Matt Olsen



Scott R. Moss



INSIDE:

Holiday Party, People and Presents!

Equipment that is On Time and On Budget

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 John Moriarity & Associates, will be held on Thursday, January 17, 7:30 a.m. at Shula's Hotel in Miami Lakes.

For over 50 years, consistent performance has been the cornerstone for Sims Crane & Equipment. They offer a wide range of equipment from new sales and rental to parts and service. With over 300 CCO certified operators, Sims has the experience and expertise to make your next lift a smooth one. On time and on budget is what they aim to provide each

and every customer. As with any task requiring precision skill, they are continuously training their field and office staff to better serve your lifting needs. The experienced staff of skilled personnel at Sims always strives to meet your challenges by understanding your ever-changing needs for equipment, technology and improving the

level of service they provide. For many years, Sims has been one of the leaders in service and customer satisfaction. In addition to their corporate headquarters in Tampa, they have locations throughout the State, including; Mulberry, Orlando, Ocala, Sarasota, Vero Beach, Fort Myers, Daytona Beach, Jacksonville and Miami.

According to Sims Vice President, Kurt Kuffermann, "Sims Crane has been in business for over 50 years and we strive to supply our customers with the latest in equipment technology and certified crane operators."

Large and small customers can attest to the professionalism that is Sims Crane and Equipment. Sims has one of Florida's largest service departments for equipment maintenance and repairs. A scheduled and regular program of mainte-

nance service helps avoid costly breakdowns of valuable equipment and investment. Sims knows that time is money, so when equipment breaks down on the job, their cellular dispatched service fleet is your immediate solution. Their technicians determine repair needs on site and dispatch parts immediately from their parts department so your job can get up and running swiftly. In addition, Sims has all of your part needs. They feature parts for Kobelco Cranes, JLG, Trak, Tadano, Champion Elevator, Terex, Shuttlelift, Grove, Link-Belt, Manitowoc as well as any other Manufacturer you may need parts for. Keeping your equipment on the move and your projects on schedule require a formidable support system of parts. If a part is required on the job site, their radio dispatched service vehicles are in constant communication with their parts department. Your delivery will be immediate, with minimal down-time. With the benefit of Sims national "Speed Part" network, even the hard-to-find part will be located immediately.

At Sims Crane & Equipment Co., you don't just rent equipment, you rent a company. They strive to stay at the top with the latest in equipment and a fully trained service department to keep all of their machines in good-as-new condition. They are never out of touch.

Sims Crane & Equipment Co. is located in South Florida at 10400 NW South River Drive, Miami, FL 33178. For more information, call 305-885-4009, or visit their website at www.sims Crane.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.

Building Information Modeling for Job Safety

CASF Safety Committee recently held a session to discuss the latest use of BIM as it applies to safety in the construction industry. The meeting was presented by Gregory Arkin from **CADD Centers of Florida**. Below is a brief overview of the session.

The basics

- ◆ BIM – Building Information Modeling
- ◆ VDC – Virtual Design and Construction
- ◆ Faster project deadlines tend to lead to more risk!

Benefits of using BIM technology in construction

- ◆ Proactive – NOT Reactive
- ◆ Safer jobsite
- ◆ Lower risk
- ◆ Healthier project (with LEED)
- ◆ Smaller work force
- ◆ Less time
- ◆ More efficient
- ◆ More organized
- ◆ Better coordination with all team members
- ◆ Effective pre-planning
- ◆ Building digitally prior to starting project (3D modeling)
- ◆ Better scheduling
- ◆ Less waste
- ◆ Accurate estimating
- ◆ Higher quality
- ◆ Owners, designers and engineers get lower net costs and risks
- ◆ First responders can make buildings safer
- ◆ Efficient monitoring lowers operating costs
- ◆ Better views of facilities lead to better decisions
- ◆ Realtors, appraisers, and bankers save money
- ◆ Regulations compliance costs are lower
- ◆ Subcontractors' costs and risks are reduced

Why is the construction industry slow to embrace BIM technology?

- ◆ Fear of change
- ◆ Fear of technology
- ◆ Fear of failure

The future of construction technology

- ◆ Autocad is being slowly replaced by Revit, Navisworks, among other computer software
- ◆ Wide use of robotics, including an automated work force
- ◆ Portable computers with all project plans and notes

Improving Construction and Use through Integrated Design Solutions

BIM offers technical support for occupational safety in construction projects. The main focus is for BIM-based site layout planning and visualization, as well as, the usability of 3D and 4D digital models. The potential of the building information model in safety management has been thoroughly researched and studied. 3D site planning objects have also been collected, and BIM-based building site modeling and visualization tests were carried out using data from a completed building projects. Utilization of BIM technology connects safety more closely to construction planning, provides more illustrative site layout plans, effectively supports communication, and finally promotes occupational safety on building sites. From the viewpoint of occupational safety, the 4D production model enables visualization of safety arrangements in construction projects at different moments of time. This can be used for example in safe-

ty planning, day-to-day safety communications and managing changing situations.

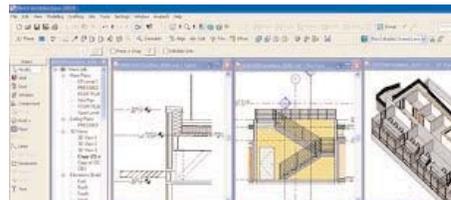
Sharing electronic construction information

Around the world, Building Information Modeling is increasingly gaining the attention of organizations involved in architecture, engineering and construction, as well as the owners and operators of buildings and other structures.

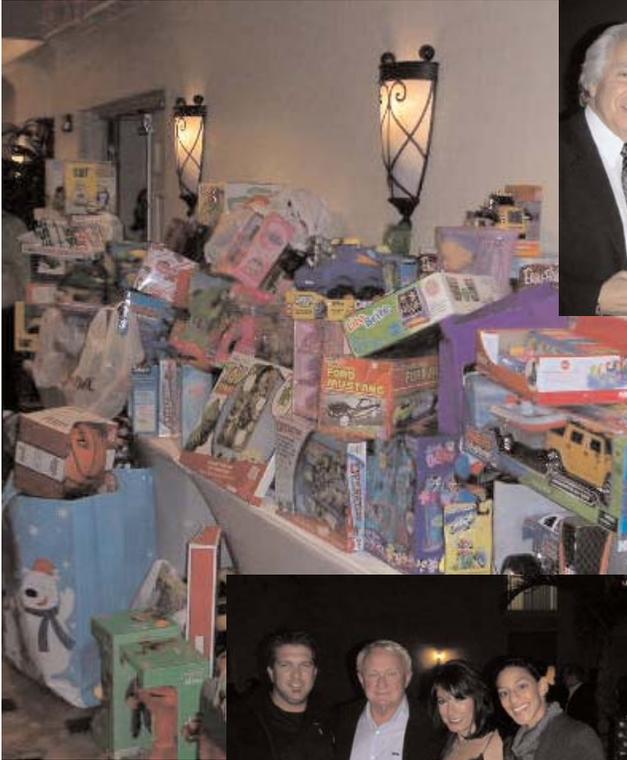
“Building” refers to the building process and BIM is a cumulative digital representation

of physical and functional characteristics of a facility in the built environment. BIM is a shared knowledge resource containing information about a facility. It provides a reliable basis for decisions during the facility's entire life cycle. Different stakeholders at different phases of the life cycle of a facility insert, extract, update or modify information in the BIM to support and reflect the roles of that stakeholder. BIM is much more than the assembled 2D or 3D Computer-Aided Design (CAD) and Facilities Management (FM) drawings created for the facility. The facility and its detailed information base needs to be linked to the land on which it is sited and made available as an effective tool for GC's, owners and operators.

For more information about the CASF Safety Committee please contact Joyce at 954-974-6333.



CASF Holiday Party at the Riverside Hotel



Tuesday,
December 7,
2010



ROUTE 10:

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CONSTRUCTION ASSOCIATION OF SOUTH FLORIDA

