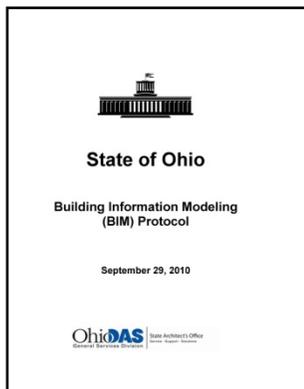


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State of Ohio BIM Protocol

The State Architect's Office has developed a protocol for the implementation of Building Information Modeling (BIM) techniques and systems on projects managed through its office. As part of the development of this protocol, the document is being released for public review and comment prior to implementation. Viewers are invited to download the document using the link above and send comments via e-mail to carol.cook@das.state.oh.us at the State Architect's Office. To access the BIM Protocol document, [click here](#) or go to the State Architect's Office website at <http://www.ohio.gov/sao>.

Standard Requirements, Agreements and forms update

As reported in previous issues of SAO eNews, the State Architect's Office works closely on a regular basis with the Ohio Attorney General's Office and the Ohio Department of Administrative Services (DAS) Legal Counsel to keep up-to-date on significant updates to our agreements, contracts, forms and documents.

Updates are released on an as-needed basis and subsequently posted to our website. In addition, any significant changes are reported in SAO eNews. We limit publication of updates to once per quarter.

In August, we released revised Standard Requirements documents and professional services agreements. The updates addressed Governor Ted Strickland's Executive Order (EO 2010-09S), issued Aug. 6, that prohibits expenditure of public funds for services provided outside the United States. We also integrated the new requirements into the Statement of Qualifications (SAO Form F110-330).



The deadline for compliance was Aug. 31, which was a hard deadline. Any projects advertising for bids after Aug. 31 are required to use the new documents. The new Standard Requirements documents are available on the SAO website at www.ohio.gov/sao (click on "Standard Requirements"). PDF versions of the new professional services agreements also are available on the SAO website (click on "Forms"). State agencies and institutions of higher education performing local administration may download Word versions of the professional services agreements from the DAS FTP Site. Representatives at the state agencies and/or institutions of higher education may contact Angie Carder at angie.carder@das.state.oh.us or at 614.752.0448 for FTP login instructions.



SAO College follow-up and certificate update

SAO would like to thank all participants and guest speakers who attended SAO College 2010 in August in Columbus, Cincinnati and Cleveland. Nearly 300 people representing the design and construction industry attended the event this year.

Certificates are being issued this year by the Construction Education Network (CEN). More information about CEN is presented in the next article. The State Architect's Office has entered all of the participants of SAO College 2010 in the CEN database. Participants who have not already received their certificates need to register with CEN as a learner at <http://education.csinet.org/index.php>. To register, log in to www.education.csinet.org and follow the instructions to generate a certificate of completion online. Also, registrants can search online by topic, occupation and provider for future SAO programs. CEN will maintain a transcript of the SAO College continuing education credits as well as any future training completed through the State Architect's Office.

In addition, SAO has entered all participants identified as American Institute of Architects (AIA) members into the AIA database. Please note: An additional certificate for AIA credit will not be issued. AIA members who attended SAO College still need to register as a learner with CEN to receive a certificate. The certificate will indicate the participant's name, AIA number and the number of credits issued.

SAO College is attended annually by architects, engineers, trade contractors, agencies, institutions of higher education and other organizations. It is held to educate interested parties on the proper design and construction management of state projects. For more information about SAO College, go to the SAO website at www.ohio.gov/sao and click on "SAO College."

SAO becomes CEN provider



The State Architect's Office is now a Construction Education Network (CEN) provider through the Construction Specifications Institute (CSI). Future educational programs offered through SAO will be registered with CEN. The program is a network of registered education providers offering high-quality education programs to professionals in the architecture-, engineering- and construction-related industries. Unlike most education transcript services, you do not have to be a member of CSI to use this service.

Registrants earn continuing education credits/learning units and manage their own training information. For future programs, please register at <http://www.education.csinet.org> before participating in a future SAO program. Once your account is created all credits generated from SAO educational programs will be deposited into your account. You can make use of tools available on the CSI CEN website to track your credit transcripts, generate completion certificates and find additional educational programs.

The CSI CEN reaches the entire construction industry and ensures that participants have fast, easy access to continuing education content of the highest caliber. CSI CEN uses processes and standards based on the International Association for Continuing Education and Training (IACET) criteria. IACET is known as the premier standard-setting organization for continuing education and training providers.



Using the IACET processes ensures programs registered with the CSI CEN have been developed to meet the highest continuing education standards in the industry. For more information about the Construction Education Network, go to <http://education.csinet.org/index.php>.

Ohio University opens new Academic Research Center



Ohio University celebrated the opening of the new College of Osteopathic Medicine Academic and Research Center in May. The \$34.5 million, 89,000-square-foot building was designed to house both the College of Engineering and Technology and the College of Osteopathic Medicine. The shared space includes 22 laboratory spaces located on the second and third floors, with one floor devoted to diabetes research and one floor devoted to cancer research. The facility also includes classrooms, conference rooms and a spacious atrium with cafe area and a variety of alcoves and information meeting spaces.

The Academic and Research Center was designed by Burgess & Niple of Columbus. Contractors for the project included R.W. Setterlin Building Company, Kirk Williams Company, Certified Mechanical and Kal Electric. SAO representatives on the project included Higher Education Segment Manager Ned Thiell, Project Manager Michael Covault, Project Coordinator Barbara Taylor and recently retired Project Coordinator Yogi Gerhart. Photos are courtesy of John Sattler of Ohio University.





OAKS CI rolls out several new enhancements

Over the past several months, the OAKS Capital Improvements (OAKS CI) team has been working hard to implement several important improvements to the OAKS CI project management system. Many of these improvements were suggested by current users of the system. Users are encouraged to continue to provide feedback and suggestions to the OAKS CI system as we continue to manage and implement new projects.

Some of the major improvements include:

- The Professional Services Agreement business process now references up to five purchase orders allowing Owners to identify how the professional services payment request will be distributed between multiple purchase orders. Purchase orders can now be entered either at the time the agreement is initially funded by the Owner or at the end of the process.
- The Contractor Payment Request business process now populates the material and labor values from the Schedule of Values business process reducing extra data entry time for contractors.
- Unifier 9.2.3 was released providing improvements to the uMail system (the messaging system used within OAKS CI). The upgrade also enhanced printing capabilities and many other miscellaneous functions.
- The OAKS CI training schedule was added to the State Architect's Office online calendar and is updated regularly. Users or vendors wishing to schedule a live- or web-based training class can now simply check the SAO website at www.ohio.gov/sao and click on "SAO Training Calendar."
- In addition, certain pre-recorded OAKS CI training classes are now available via WebEx. Links to the WebEx trainings are located on SAO training calendar page at the website mentioned above.

For those not familiar with it, OAKS CI is a web-based project management system for capital construction projects and is available to all state agencies and state-supported colleges and universities as well as the State Architect's Office. OAKS CI houses all of the data on each project and provides access for members of each project team to drawings, meeting minutes, requests for information and change orders as well as contract documents, payments requests and EDGE information. Documents process through the system for approval via electronic workflow, which allows the members of the project team to track the status of each document.



For more information about OAKS CI, go to the OAKS CI website at <http://ci.oaks.ohio.gov>. Users needing assistance with the OAKS CI system may contact the OAKS help desk at 614.644.6625 or at oaks.helpdesk@oaks.state.oh.us for assistance.

SAO staff update

SAO would like to welcome Diane Hoenig as the energy services coordinator for SAO. Diane holds a bachelor's degree in psychology from The Ohio State University and has more than 10 years of experience working in state government.

Former Project Coordinator Rita Nichols has moved onto a new position with OAKS Capital Improvements providing support to all users of the system, including SAO. Rita served as a project coordinator with SAO for many years and continues to work closely with the SAO staff on ideas and improvements to the OAKS CI system.

In addition, two long-term employees of the State Architect's Office have retired: Vijay Bhalla and Sophia Harris. SAO would like to thank Vijay and Sophia for their years of dedication and quality service to our office and the State of Ohio.

SAO Energy Services completes Phase 1 of statewide energy audits

In compliance with Governor Ted Strickland's Executive Order 2007-02S regarding state energy utilization, SAO Energy Services has completed 20 energy audits at various facilities statewide. The final reports have been shared with the agencies and meetings are being held to review and discuss the recommendations for energy conservation measures at each facility. DAS also is requesting capital funding to implement several projects.



In the meantime, Energy Services staff members continue to provide energy-responsive design and performance contracting promoting efficient use of energy resources in state agency facilities. Current projects include energy conservation projects for the Ohio Department of Transportation, the Ohio Department of Rehabilitation and Correction, the Ohio Department of Mental Health and the Ohio Department of Administrative Services.

In addition, solar photovoltaic (PV) renewable energy systems are being installed at the Ohio Department of Mental Health's Summit Behavioral Healthcare Hospital in Cincinnati and at the Ohio Adjutant General's Beightler Armory Hospital in Columbus. Solar power is electricity produced directly from sunlight.

Solar PV produces no emissions and is completely renewable, attributes that are increasingly valued by consumers and utilities that are required to comply with state-mandated renewable portfolio standards for the purchase or supply of renewable energy.

In addition, Energy Services provided an energy grant to support the server consolidation project for the Ohio Department of Developmental Disabilities and is administering a new performance contract for the Ohio Department of Rehabilitation and Correction at its Ohio Reformatory for Women facility.
