

Wisconsin Section Southwest Branch (<http://branches.asce.org/southwest>)



Wednesday, September 22, 2010

**Project Tour and Presentation:  
UW-Madison – Education Building Renovation & Addition**

One of the oldest buildings on the UW-Madison campus, the Education Building has recently reopened after an extensive renovation and addition project. Located on historic Bascom Hill and Observatory Drive and surrounded by historic structures, the building's renovation has provided a unique opportunity for infilling green design in a tight campus setting, dramatically increasing the site's usable space. The complete renovation of this 1900s era building included relocating the old surface parking lot below a large pedestrian plaza and intensive green roof. The green roof is integrated into the hill and provides a transition from nearby Muir Woods, creating a community gathering space while integrating a high traffic pedestrian corridor. A second green roof on the third floor provides stunning views of nearby Lake Mendota and has a deck area large enough to accommodate receptions and other events. Inside the building, a large glass-enclosed multi-story commons features a fireplace and study spaces overlooking the green roof plaza and the lake. The main entry off of Bascom Mall features reclaimed historic architectural details and a grand staircase.

The project is targeting a LEED® Gold rating and is registered with the U.S. Green Building Council. Besides the green roofs, other sustainable project design elements include a chilled beam cooling system, use of recycled building materials, daylighting and enhanced occupant thermal controls, low flow water fixtures, native landscaping, construction waste management, energy efficient lighting, and reuse of the existing building structure.

The project was funded by a generous donation John and Tashia Morgridge.

**Project Team:**

Architect/Structural/HVAC/Electrical – HGA (Milwaukee)  
Historic Preservation & Restoration – Quinn Evans Architects (Ann Arbor)  
Civil Engineering/Landscape Architecture/Green Roof Design – JJR (Madison)  
Plumbing – PSJ (Madison/Milwaukee)  
Prime Contractor – J.P. Cullen & Sons (Janesville)

Construction Cost: \$24.5 million  
Size: 108,000 GSF  
Completion date: 2010

**Time:** 4:30-4:45 pm Registration  
4:45-5:45 pm Presentation/Tour  
6:00-8:00 pm Social

**Tour Location:**

UW Education Building  
1001 Observatory Drive  
Madison, WI 53706  
Meet on Bascom Hill  
(south) side of building

**Social Location:**

Memorial Union Terrace  
Rain Location: Rathskellar  
Please bring cash to contribute to drinks & food

No on-site parking available for the tour. Parking available at State Street Ramp (Lake & State Street).



Larger Map available at: <http://map.wisc.edu/>

**RSVP:**

Please RSVP by 2:00 PM, Monday, September 20<sup>th</sup> to Amanda Stone at [astone@baird.com](mailto:astone@baird.com) (preferred) or (608) 273-0592.

**WI Section American Society of Civil Engineers**



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Nonprofit Org.  
U.S. POSTAGE  
**PAID**  
Madison, Wisconsin  
Permit No. 2745

Mark your calendars for the September  
SW Branch ASCE Meeting:  
**4:00 pm Wednesday, September 22**  
**Sign up NOW - RSVP date is Sept. 20!**

**PRESIDENT'S MESSAGE**

This season our Southwest Branch Board will be making some changes to the way we operate. First, we want to hear from you, our members. Why did you join ASCE, and what keeps you paying dues each year? What do you value the most about your membership? In the next month, look for a membership survey which will help us gauge the interests of our members and help us identify and organize branch activities in a way that provides the most benefit to you and increase attendance at our events. To encourage participation in the survey we will be giving out prizes to random survey participants.

Second, we plan to advance our group technologically, by eliminating the mailed newsletters and moving to email newsletters and an updated website. This will not only save our branch the monthly expense of printing and postage, it will also help engage younger members who are used to instantaneous digital communication. Our new website will also be an improved resource to our local branch members, with relevant links, news, and job postings and other helpful information all in one place.

I joined ASCE to meet other civil engineers, to keep up with the latest ideas and advances in our field, and because I had been involved in ASCE as a student. I have stayed an active member of ASCE because of the friends I have made, but also for reasons I didn't necessarily expect; I like having access to the technical resources such as webinars, journals, and conferences, and I like the professional recognition associated with being part of a strong national organization. But mostly, our local branch tours, meetings, and social events are where the life of the organization manifests itself for me.

I hope you are able to attend one or more branch events this year. If you haven't been active in a while, please tell us why by responding to the member survey. It will help us provide you the most benefit for your dues, and it will make our organization stronger.

Hope to see you at an upcoming SW Branch meeting!

Cassie Goodwin, P.E.

**2010 ASCE Meeting Schedule**

Sept. 17, 2010	Annual Meeting – Crowne Plaza Hotel, Madison, WI
Oct. 21, 2010	Joint meeting with UW-Madison
Nov. 18, 2010	Joint meeting with UW-Platteville

**JOB POSTING**

**Job Title:** Professional Engineer/Structural Engineer

**Location:** Madison, WI Area

**Job Requirements:**

A Bachelor's Degree in Civil Engineering  
A Minimum 8 years of Structural related experience  
Licensed PE in the State WI (Or has the ability to become licensed within 6 months)

**Job Responsibilities:**

Provide Bridge design for small to large projects. Experience with WisDOT Bridge Design projects is preferred. A Strong background in prestressed and steel girder design is preferred. Knowledge of AASHTO LRFD Bridge Design Specifications. Experience in Water/Wastewater Facility design as well as Dams is desired. The ability to manage project design duties with minimal oversight preferred. Must have a valid Driver's License and reliable transportation and have the ability to lift 50lbs and be able to walk and climb over rough construction terrain as this position may need to conduct bridge inspections. Experience with various structural design and analysis software systems is required. Salary is D.O.E.

Contact: John Stevens, IQ Staffing Solutions  
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