

DELAWARE ENGINEERING SOCIETY

Minutes of DES Board Meeting held September 30, 2008

The meeting was called to order by Ahmad Faqiri at approximately 12:00 pm at the Office of Pennoni Associates. Attendees were as follows:

- Ahmad Faqiri (President)
- Stacey Ziegler (Past President)
- Mike Angelo (Vice President)
- Mark Parker (Past-Past President)
- Jason Winterling (Secretary)
- Mike Keefe (Treasurer)
- Megan Lester (Math Counts Committee Chair)
- Joe Challburg (E-week Committee Chair)
- Wayne Ericksen (PEPP Committee Chair)

1. **2007-2008 Annual Recap-** Stacy Ziegler discussed the events of the previous year and will provide a template, via email, for annual reports from officers and committee chairs for the 2006-2008 years.
2. **Constitution/Bylaws Overview-** Ahmad Faqiri reviewed the responsibilities and tasks for all new officers. An electronic copy of the most recent version of the constitution will be sent via email to all officers. The position of the executive secretary will be held by Pennoni's administrative assistants and the national contact will be held by the current DES Secretary, Jason Winterling. Mark Parker will forward the contact information of Maryanne Cannon for the transfer of this position.
3. **DES Website-** Jason will be responsible for updating the website with new officers and their pictures, a current schedule of upcoming board meetings and annual/monthly events. Stacy will forward the contact information of the webmaster to Jason. All officers should forward their pictures for use on the website to Jason.

4. **Quarterly Newsletter-** Ahmad Faqiri will prepare a Quarterly newsletter highlighting scheduled events, new officers, Math Counts Program and a survey for members asking for potential professional development seminar topics. Stacy Zeigler will forward the electronic template from NSPE for the newsletter.

5. **Proposed/Scheduled 2008-2009 Events-**

E-week Banquet: Joe Challburg will be setting up the E-week planning committee Kick-off Meeting in October and will be working with the Dupont Chair Mike Hamlet. Joe also mentioned the University of Delaware will be holding the concrete canoe and steel bridge contests this year. DES to reach out to ASCE to aid in the event.

Scholarships: Stacy said this year an additional scholarship can be awarded due to one of last year's students disqualifying their self by entering an architectural program.

Golf Outing: Stacy will ask Pete Mandeville for his help in planning the Annual Golf Outing. The preferred date will once again be late April or early May.

Math Counts: Megan Lester is organizing the Math Counts program and would like to increase the participation of schools in the program. She will be creating a 10-15 minute presentation for the schools/math teachers; presenting could be scheduled for a teacher's in-service day or at a group meeting of all principals. Volunteers are needed to give the presentation at nearby schools. The registration deadline is in December with the event scheduled for January 15th. An awards presentation for the winners of the event, due to past inabilities at evening events, was suggested to occur during the school day. Wayne Ericksen said, in his past experience, that removing the student from schools is difficult will require sufficient lead time. Wayne also suggested potential volunteers, in addition to those in the engineering community, could be available from local rotaries to present at the schools and help at the event.

6. **Committee Chairs and Responsibilities-**

E-Week Banquet: CC Joe Challburg

Scholarship Program: CC Stacy Zeigler

Math Counts: CC Megan Lester

Government Engineer of the Year: CC Mike Angelo

Interest Groups (PEPP, PEI, & PEG): CC Wayne Ericksen

Annual Meeting: Oversight of planning by Mike Angelo

Student Chapter: Professor contact Mike Keefe

Golf Outing: CC Pete Mandeville with oversight from Stacy

Constitution and Bylaws: CC John Cromey

Past President Council: Mark and Stacy

7. **Membership/Presentation of New PE Certificates-** Ahmad suggested, based on his attendance to a recent NSPE meeting in Maryland, that new PE's could receive their certificates at an awards banquet (E-Week Banquet for winter, Annual Meeting for summer). Coordination will be required with DAPE board to invite the New PE's to these events and not send certificates by mail. Maryland could be contacted for guidance on this matter and this presenting the certificates at these events could help to increase DES/NSPE registration. Six months of free membership is provided by a NSPE program to increase membership and NSPE may cover a portion of the event fees.

8. **Sussex County Engineering Exception-** Wayne Ericksen said DES should look into a Sussex County exception not requiring engineering stamps on buildings less than 5000 sf. To his knowledge contractors have used this exception to avoid PE seals on projects that may otherwise require them. Megan Lester suggested researching similar past cases through NSPE. Mark Parker suggested that DES contact ACEC on the matter to jointly present the issue to DAPE.

The meeting was adjourned at approximately 2:00 pm.

The next scheduled meeting of the DES Board will be held the **week of November 3, 2008 (date and time to be determined) at Pennoni Associates Office.**

It is my opinion that these minutes accurately reflect the discussions of the referenced meeting. By copy of these minutes, attendees are requested to carefully review this information, and if appropriate, provide comments, additions and revisions to me as soon as possible. Should comments be received, I will modify these minutes as appropriate. If comments are not received within 7 calendar days following the issuance of these minutes, they will be assumed to accurately represent discussions at the meeting, and the minutes shall stand as written.

Respectfully submitted,

Jason Winterling
Secretary, DES

Enclosures: Sussex County Council Engineering Exception



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Commercial Construction Plan Requirements

We need two complete sets of structural plans. One site plan required.

Building, additions and renovations under 5,000 square feet:

- Submit foundation, floor, framing and cross section similar to hand out.
- Cost estimate of proposed project.
- Plot plan showing location of new construction and adjacent buildings, street, property lines, parking, etc.
- Steel roof or floor truss, steel beams or columns, wood floor or roof truss, if incorporated in structure. Shop drawing, from manufacturer, shall be submitted showing spans, bearing, bracing, spacing and loads, designed within acceptable engineering practices.
- Occupancy classification. (business, storage, etc.)
- Interior finish and room usage.
- Pre-manufactured, pre-engineered, pre-fabricated buildings must be sealed by a Delaware engineer.

Building, additions and renovations 5,000 square feet and over:

- Shall submit complete set of architectural engineering specifications, framing and site plan with signed Delaware seal.
- Shop drawings on floor and roof truss, steel beams, columns or girders showing spacing, spans, bearing, bracing and loads.
- U. L. design on fire rated assemblies or other acceptable testing laboratories.
- Cost estimate of proposed project.
- Occupancy classification. (business, storage, etc.)
- Pre-manufactured, pre-engineered, pre-fabricated buildings must be sealed by a Delaware engineer.

Commercial Construction Code used 2003 International Building Code. Code books can be obtained through International Code Council.

Building Code Fees are .005 x value of construction.

Fees to be paid when plans are submitted.

State Fire Marshall approval required on all commercial construction prior to our approval released for permit.

Fifteen (15) working days for plan review.

Architect or Engineer seal required for ASHRAE/IES 90.1/1989 Code requirements and explanation on how requirements have been met on all buildings 5,000 square feet or greater.