MESSAGE FROM THE CHAIRMAN

Well the cold weather has hit northern New England which means my golf clubs are in storage, the wood is stacked and I need to figure out how to juggle my two sons' basketball schedules. It is hard to imagine that it has been 5 months since the 1993 ASEE Conference in Illinois which I felt was a very successful one for the Civil Engineering Division. All of the CE sessions were well attended and the business meetings had enthusiastic member participation. The Division dinner was quite enjoyable. It was nice to renew old acquaintances and make new ones in a relaxed social setting. Thanks to Alan Prashun and Dean Parsons we were able to distribute the book, Civil Engineering Division Chairs 1935-1993, which has a picture and bio on each chair. Mine was a blank page. Are you guys trying to tell me something?

The Division also has several active projects and would welcome the participation of any interested member. Bill Kelly (Univ. of Nebraska "wkelly@unlinfo.edu") is working on a New Engineer's Survival Kit, I ("robert henry@unh.edu") am compiling a list of education related journals and Jerry Seeley (Valparaiso "GSEELEY@EXODUS.VALPO.EDU") is looking into the development of a series of monographs. These are just a few examples. We are also trying to get the e-mail addresses of the membership so that an electronic mail discussion group can be established. There are so many topics of interest (ABET, engineering design, capstone projects, redesign of the curriculum, information technology's impact in the classroom) within engineering education that it is impossible to address them all at the annual meeting. An electronic mail discussion group would be a tremendous asset for the CE Division membership.

The moderators for the 1994 Conference are hard at work organizing their sessions and reviewing papers. I know Tom Mulinazzi (Chair Elect) is working hard making sure all the paper work and arrangements are properly taken care of for the sessions, business meetings and the division dinner (especially the dinner). As a result, the CE Division will have a full schedule of events for the 1994 ASEE Conference which will be held in Edmonton, Alberta in late June and I hope to see many of you there. I truly enjoy spending time with colleagues that feel that engineering education is an important part of our profession.

Bob Henry
CIVIL ENGINEERING DIVISION - ASEE
EXECUTIVE BOARD 1993-1994

Division Officers

Chair
Robert M. Henry
University of New Hampshire
Civil Engineering Department
236 Kingsbury Hall
Durham, NH 03824-3591
Phone: (603)862-1444
FAX: (603)862-2364
R_Henry@unh.edu

Vice-Chair (Program Chair)
Thomas A. Mulinazzi
School of Engineering
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FAX: (913)864-5445

Secretary-Treasurer
Howard C. Dunn, Jr
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FAX: (203)444-8546

Directors

E. Walter LeFevre*
University of Arkansas
Civil Engineering Department
4190 Bell Engineering Center
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Phone: (501)575-7957
FAX: (501)575-7168
Term ends 1994

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Term ends 1995

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* Same individual in both offices.

FAX: (318)257-2562
Term ends 1996

Immediate Past Chair

Fred W. Beaufait
Wayne State University
College of Engineering
Detroit, MI 48202
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FAX: (313)577-5300

Standing Committee Chairs

The Committee on Educational Policy
Anthony G. Collins
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Phone: (315)268-6529
FAX (315)268-7985

The Committee on Professional Practice*
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FAX: (501)575-7168

The Committee on Teaching Methodology
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North Carolina State University
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FAX (919)515-7908

The Committee on Computer Applications
Thomas A. Lenox
LTC U.S. Army
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United States Military Academy
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Phone: (914)938-4607
FAX (914)938-5522
E-Mail: IT1860@Trotter.USMA.EDU
American Society for Engineering Education

Civil Engineering Division
Executive Board Meeting
Minutes
Monday, June 21, 1993
1993 Annual ASEE Meeting
University of Illinois

1. Call to order at 7:05 AM by the Chairman, Fred Beaufait.

2. The following people attended:

Fred Beaufait, Chairman
Howard C. Dunn, Jr.
Donn E. Hacker
Robert M. Henry
Bill Hightower
David Hubly
Bill Kelly
Walter LeFevre
Farouk Mishu
Tom Mulninazzi
Bobby E. Price
Edward S. Reitz
Gerald Seeley
Wayne State University
U. S. Coast Guard Academy
University of Kentucky
University of New Hampshire
University of Massachusetts
University of Colorado at Denver
University of Nebraska
University of Arkansas
Tennessee State University
University of Kansas
Louisiana Tech University
City College of C.U.N.Y
Valparaiso University

3. The agenda for the meeting was distributed by the chairman.

4. Secretary - Treasurer's Report: The minutes of the 1992 meeting were distributed. There were no changes, therefore, the minutes were accepted. The Treasurer's report was distributed and discussed. By the end of the Fiscal Year there will be approximately $13,000 in the BASS account.

5. Elections: New Officers elected by the division membership were:

Robert M. Henry, Chairman
Thomas A. Mulninazzi, Vice Chairman (Program Chairman)
Bobby E. Price, Director

Both amendments to the By-Laws passed. They were:
a. Change Section 5.2.6 to read (written notification of nominees for new offices) ...shall occur no later than the 15th of April (replaces "the first full week of March")
b. Change Section 5.3.2 to read...The ballots shall be distributed through a February (replaces "November") issue of the Division Newsletter. The eligible voting Division membership will be given until no latter than April 1st (replaces "January 15th") or thirty days after mailing of the ballots (or whichever is later) to cast their votes. Ballots postmarked after this date will not be counted.

6. Program Chairman's Report: The program chairman, Bob Henry, stated that things were going well for the program. The social hour prior to the Division Banquet was discussed. CH2M Hill had previously agreed to fund an open bar, however, it was unclear whether this was still the case. A motion to cover the open bar out of the Division's BASS account should CH2M Hill withdraw its offer was passed unanimously.

8. Report from the Projects Committee: Committee chairman Jerry Seeley distributed a memorandum on prospective projects. Several were discussed. The sense of the Executive Board was that three suggestions would be presented to the membership at the business luncheon, they were:
   a. periodic monographs,
   b. an expanded newsletter,
   c. and developing a "survival kit" for new faculty in civil engineering.

Bob Henry distributed a list of journals dealing with engineering education issues which were reviewed during the discussion of the periodic monograph and the expanded newsletter.

9. Membership Committee Report: Walt LeFevre reported that he is working with the national headquarters to correct some membership records problems.

10. Report on News Letter: Paul Hartman has volunteered to continue as the editor of the newsletter. The Executive Board agreed unanimously that Paul has done an outstanding job as editor and the Board expresses its appreciation for his service to the division.

11. Division Nominating Committee: The program chairman appointed members of the nominating committee for the next year in accordance with the By-laws. They are:

   **Em Reitz**
   **Fred Beaufait**
   **Gerald Seeley**
   **Tom Mulinazzi**

   **Immediate Past Chairman**
   **Present Chairman**
   **Active Past Chairman**
   **Vice Chairman Elect (Ex Officio)**

12. Report of the EdAC Liaison: Bob Henry reported that the EdAC budget was reduced. Several expenditures such as ABET dues are taken from this budget and, therefore discretionary funds are limited. Elimination of Engineers for Education is being discussed.

13. CC&A Liaison Report: Fred Beaufait discussed CC&A activities including the status of new program criteria and monitoring of program evaluators. The first ABET workshop which required a fee was held earlier at the conference. Funds collected by ABET over and above the cost of meals will be returned to the Division. This money will be used either to reimburse CC&A for materials provided, or to fund materials acquired for future workshops.

14. Awards Committee Report: Bill Hightower announced that the Centennial Certificates allotted to the CE Division were awarded to the past division chairmen.

15. New Business:

15.1 Arrangements for the 1994 meeting in Edmonton, Alberta were discussed.

15.2 Several ballots in the recent elections were submitted on Xerox copies. Means of avoiding any appearance of impropriety were discussed. It was decided that ballots would be accepted only when the envelope had a return address. This would be printed on future ballots.

16. The meeting was adjourned at 8:40 AM.
Civil Engineering Division
Business Meeting
Minutes
Monday, June 21, 1993
1993 Annual ASEE Meeting
University of Illinois

1. Call to order at 1:00 PM by the Chairman, Fred Beaufait.

2. Secretary - Treasurer's Report: The minutes of the 1992 meeting were distributed. There were no changes, therefore, the minutes were accepted. The Treasurer's report was distributed and discussed. By the end of the Fiscal Year there will be approximately $13,000 in the BASS account.

3. The new officers of the Division were introduced. They are:

   Robert M. Henry                Chairman
   Thomas E. Mulinazzi           Vice Chairman (Program Chairman)
   Bobby E. Price                Director

4. Peter Hoadley spoke on the ASCE Journal of Professional Issues in Engineering Education and Practice. Participation is good by educators but disappointing from practitioners. So many papers on capstone courses have been submitted that they cannot all be used.

5. The Chairman reported on actions of the Executive Board.

   Prospective ideas which can be funded from the BASS account were presented. They included:
   a. periodic monographs,
   b. an expanded newsletter,
   c. and developing a "survival kit" for new faculty in civil engineering.

   Several ballots in the recent elections were submitted on Xerox copies. In order to avoid any appearance of impropriety, in the future, ballots will be accepted only when the envelope has a return address. This will be printed on future ballots.

6. The Program Chairman, Bob Henry, discussed details of upcoming events. He offered thanks and congratulations to the four committee chairmen, Donn Hanche, Tom Lenox, Ed Reitz, and Ed Segner for their efforts in administering the four sessions.

7. The Chairman announced that Peter Hoadley had been selected as an ASCE board member for ABET.
8. The members of the nominating committee for the next year, appointed by the Program Chairman in accordance with the By-laws, were announced. The are:

   Ed Reitz                        Immediate Past Chairman
   Fred Beaufait                   Present Chairman
   Gerald Seeley                   Active Past Chairman
   Tom Mulinazzi                   Vice Chairman Elect (Ex Officio)

9. An ASCE Centennial Certificate was awarded to William J. Wilhelm for service to the Division. It was awarded at this meeting because he would be unable to attend the banquet.

10. New Business: The prospective project ideas announced earlier by the Chairman were discussed. Additional ideas suggested by the membership were:

   a. conduct civil engineering surveys,
   b. create a brochure for distribution to high school students,
   c. fund trips to the annual meeting for junior faculty,
   d. and create ASEE student chapters.

   Following discussions of all suggestions, two motions were made and passed unanimously.

10.1 The Division will develop and print a Young Civil Engineering Educator "Survival Kit" for two years. Funds of $2000.00 dollars were authorized. Bill Kelly and Tom Mulinazzi agreed to serve as a committee to accomplish this task.

10.2 The newsletter will be enhanced. All Division officers will be called on to submit one single page article yearly.

11. The meeting was adjourned at 1:45 PM.

### ASEE CIVIL ENGINEERING DIVISION HISTORIC BOOKLET

The booklet "ASEE Civil Engineering Division: Division Chairs 1935-1993" by Alan Prasuhn is still available. The page layout, production expenses, and publication costs were donated by CH2M Hill, under the direction of M. Dean Parsons. Copies of the 57-page booklet are available for a $3.00 postage and handling fee (make cheque payable to Civil Engineering Department/Lawrence Tech) and may be ordered from:

Dr. Alan Prasuhn, Chairman
Department of Civil Engineering
Lawrence Technological University
21000 West Ten Mile Road
Southfield, MI 48075

Telephone: (313) 356-0200  Ex. 2556

### ASEE CIVIL ENGINEERING DIVISION BY-LAWS

Members interested in obtaining a copy of the Civil Engineering Division By-Laws, as amended through June 21, 1993, should contact the division Secretary-Treasurer, Howard Dunn (See listing of 1993-94 Executive Board members). The document is 8 pages long.
Treasurers Report
Civil Engineering Division, ASEE
Fiscal Year 1993

I. Operating Budget Account

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Budget Amount</th>
<th>Expenditures</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1992</td>
<td>$800.00</td>
<td>$800.00</td>
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</tr>
<tr>
<td>1993</td>
<td>$750.00</td>
<td>$689.21</td>
<td>$60.79</td>
</tr>
</tbody>
</table>

II. Banking and Accounting Service System (BASS) Account

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Income</th>
<th>Expenditures</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1992</td>
<td>$2850.24</td>
<td>$2005.81</td>
<td>$10,947.95</td>
</tr>
<tr>
<td>1993</td>
<td>$1393.31</td>
<td>$302.98</td>
<td>$12,038.28</td>
</tr>
</tbody>
</table>

Estimated additional income from dues and interest for the third and fourth quarters is between $1200.00 and $1300.00. Because the CE Education Journal is not being published, anticipated expenditures are estimated at only $150.00. This will leave an estimated balance at the end of FY 93 of just over $13,000.00.

Copies of ledgers for both accounts are attached. Transactions since the Toledo meeting are in bold type. Expenditures are current up to 15 June 1993. Deposits are current up to the end of the second quarter (31 March 1993).

Report submitted by Howard C. Dunn, Jr., Secretary/Treasurer, Civil Engineering Division, ASEE.
A REMINDER - "ENHANCING" THE NEWSLETTER

The ASEE Civil Engineering Division Newsletter can serve as a good mechanism for you to reach others in the Division with news items of mutual interest. If you or your department has a report, brochure, reading lists, course syllabi, monographs, article reprints, or other printed material available (with or without charge?) which might be of interest to other ASEE people (or people they might pass the information to within their department), please send me details. Since I have been requested to "enhance" the Newsletter, I need help. The ideal contribution would be a one-page camera-ready (actually xerox-ready) abstract of a newsworthy topic with information as to how to get further details. I enclose a sample in this newsletter. Then all I have to do is add a page number and get it ready for printing. Another mechanism would be to provide me the copy on a floppy disc (WordPerfect preferred), or, as a third resort, just send or fax me written copy and I will have it put on the word processor and do editing and fitting.

In addition, if you are interested in some specific topics and seek information on typical curricula, design course syllabi, broad (or survey) course outlines, specific course info/syllabi, then again, here is a good place to advertise (no charge - just a short accurate statement of needs with correct address and telephone numbers). My request last year for info on a Railroad Engineering course got me two good leads and sample syllabi.

Paul Hartman

CIVIL ENGINEERING DIVISION 1994 ANNUAL CONFERENCE

Semi-Final plans for the CE Division Program for June 1994 include:

<table>
<thead>
<tr>
<th></th>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday</td>
<td>08.30 - 15.00</td>
<td>Civil Engineering Accreditation Forum (tent.)</td>
</tr>
<tr>
<td>Monday</td>
<td>07.00 - 08.30</td>
<td>CED Executive Board</td>
</tr>
<tr>
<td></td>
<td>12.30 - 14.00</td>
<td>CED Luncheon</td>
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<tr>
<td></td>
<td>16.30 - 18.00</td>
<td>Outcome Assessments of Graduating Seniors</td>
</tr>
<tr>
<td></td>
<td>20.00 - 22.00</td>
<td>CED Rap Session</td>
</tr>
<tr>
<td>Tuesday</td>
<td>08.30 - 10.15</td>
<td>Practical Use of the PC in the Classroom</td>
</tr>
<tr>
<td></td>
<td>12.30 - 14.00</td>
<td>CED Planning Luncheon</td>
</tr>
<tr>
<td></td>
<td>14.30 - 16.15</td>
<td>Professional Practice: Bridge between Canada and the U.S.</td>
</tr>
<tr>
<td></td>
<td>18.00 - 22.00</td>
<td>CED Social and Dinner</td>
</tr>
<tr>
<td>Wednesday</td>
<td>08.30 - 10.15</td>
<td>Integration of Design in the CE Curriculum</td>
</tr>
<tr>
<td></td>
<td>12.30 - 14.00</td>
<td>Chi Epsilon Luncheon</td>
</tr>
</tbody>
</table>

Persons with specific questions or interested in participating should contact the Program Chair, Tom Mulinazzi (see attached Executive Board listing). ASEE anticipates mailing out Annual Conference Registration materials in February 1994. Prompt follow-up to the registration materials is strongly recommended.
CED CENTENNIAL BOOK THANK YOU

The combined efforts of Al L. Prasuhn (Lawrence Technological University) and M. Dean Parsons (PECS Inc.) produced a Centennial Book of the CE Division Chairs from 1935-1993. One can only imagine the time required to secure the photographs and bios of each past chair. The result is a marvelous book that will provide many wonderful memories for years to come. The book was distributed during the CE Diner and the past chairs, that were present, were kind enough to autograph them at no extra charge. In addition to thanking Al and Dean for their efforts, the Executive Board would like to thank CH2M Hill for paying for the printing of the Centennial Book.

Executive Board

1993 ANNUAL MEETING: Practical Use of the Personal Computer in the Undergraduate Engineering Classroom or Laboratory

The focus of the four presentations was on innovative and practical uses of the personal computer that could be applied in the classroom immediately. Feedback from session attendees affirmed the quality and usefulness of the presentations.

Bob Henry gave a superb presentation on the use of hypertext software to aid in teaching the preparation and reading of engineering drawings. He showed how the courseware he developed at the University of New Hampshire helped address the shortcomings in a student’s engineering graphics education. Anant Kukreti’s presentation focused on the undergraduate civil engineering laboratory at the University of Oklahoma. He showed how student learning can be enhanced by the introduction of appropriate automated data acquisition systems.

Abbas Aminmansour from Penn State enthusiastically described his SteelIDEM project supported by AISC. The software he has developed is an impressive interactive tutor and teaching aid for structural steel design. Finally, Tom Lenox described how the civil engineering faculty at West Point are using spreadsheets to efficiently improve and enhance student understanding of the direct stiffness method in structural analysis.

All of the papers that were presented in Urbana-Champaign are included in the Conference Proceedings. Several of the authors have software that they are eager to share with interested educators. Please see the Proceedings for the details on how to obtain their software.

Due to the success and popularity of this session, a similar session will be held at next year’s conference in Alberta. Authors interested in presenting papers on their application(s) of the personal computer in TODAY’S undergraduate civil engineering classroom or laboratory should contact Tom Lenox as soon as possible (see attached Executive Board listing).

Tom Lenox
The first speaker, Mr. Ken Anderson, President of Anderson & Associates from Blacksburg VA, presented issues related to industry's expectations for civil engineering graduates. To emphasize the importance of computer literacy, Mr. Anderson used state of the art computerized projection equipment to deliver his presentation.

The second presentation was made by Dr. Marith Baenziger, Associate Professor of Civil Engineering from Iowa State University. She presented a paper dealing with teaching critical thinking skills. Her co-authors were Dr. John Wilson and Dr. Edward Jaselskis from Iowa State University. The presentation included several classroom examples by which the level of student participant and critical thinking may be enhanced.

The third presentation was made by Me. Rong Yau Huang, a CE Ph.D. student from Purdue University. This presentation was prepared jointly with Dr., Jorge Vanegas from Georgia Tech University. The Presentation focused on using state of the art computer aided visual techniques for a more effective way of teaching civil engineering.

The last presentation was made by Dr. Mame Helgesen from the University of Illinois. Her presentation provided a view of teaching methods for tomorrow's students. The presentation included issues related to changing demography of engineering students. She also discussed that being sensitive to these changes will guide us toward more effective methods of teaching.

Kamyar Mahboub

Recipients of ASEE 1993 Centennial Certificates
Civil Engineering Division
June 22, 1993

Martin G. Abegg
Colby V. Ardis
Frank Bromilow*
Eugene E. Chesson
Richard H. Clough
Marvin E. Criswell
Charles E. Cutts
Olin K. Dart, Jr.
Ronald W. Eck
William H. Higter
Peter G. Hoadley

William S. LaLonde, Jr.
Donald R. Lamb
Edward T. Misiaszek
M. Dean Parsons
Dean F. Peterson*
Robert L. Perifoy
Frederick W. Schutz, Jr.
Gerald R. Seeley
R. Noel Tolbert
Benjamin A. Whisler*
William J. Wilhelm

* Deceased
Restatement of PDHs (Professional Development Hours) and CEUs - concept of mandatory requirement for maintaining membership in ASCE and professional registration. Being discussed at various levels of ASCE. Two states now require PDHs to renew registration.

NAFTA - Jim Pirot met with Mexico section of ASCE. Concern that engineers play a major role. Considering common design standards and licensing. Looking at North American Civil Engineers Alliance with ABET, EdAC, joint committee on continuing education/conferences.

CEUs - resolution to have a moratorium on ASCE issuing CEUs at conferences, workshops etc. until policy can be developed as to what constitutes a CEU/PDH. Dallas Conference will offer CEUs for specific technical sessions and be used as an evaluation of the process.

Consider asking CSS (Committee on Student Services) how to get more faculty involved in ASCE student chapter activity. Also need more recognition for those who are involved.

Short term committee to identify new sources of funding for awards for education related activities and to work on a new award selection procedure to make it easier.

Student national membership - how increase ASCE student members who only join section and not national - need to make student aware of the benefits of being a national member

ASCE probably pulling out of E4E (Engineers for Education). Annual dues not in budget.

CCG (committee on career guidance) is looking at its charge and identifying new projects.

Master of Engineering without BS. Concern that a person can get a MS in CE with little background in CE. Some states will not allow person to sit the PE exam without BS in CE.

Professional Issues Journal getting quite a few papers from educators and is looking for more from professionals. Latest issue is very controversial and probably a good one to read.

Civil Engineering is really the only profession (law, medicine, etc.) that does not teach its graduates the history of the profession. I think you will see more on this topic in the near future and would probably be beneficial for freshman level course.

ASCE is looking at a $5.00 dues increase with a balanced budget.

ASCE 1995 Education Conference - Denver - will have a format where main topics will be presented at plenary sessions and small work groups will break out to discuss the material and make suggestions. There will be a useful final product developed from the process.

Discussion concerning student chapters (or clubs) at community colleges. Issue raised by some schools in New York State. A possible problem: if chapters are approved, the student could not be in ASCE after graduation until working in the profession for five (5) years. No immediate membership status. Another issue is role of CE Tech graduates in ASCE.
THE KEY WEST EXTENSION: A CIVIL ENGINEERING LANDMARK

In the early twentieth century, the most ambitious project in Florida and perhaps in the United States, was the construction of the Florida East Coast Railway Key West Extension. Henry M. Flagler (1830-1913), who made his fortune in oil as an early colleague of John D. Rockefeller, started Florida development work in 1885. By railroad purchases and railroad and hotel construction, he worked his way down the Florida east coast. By 1903 the Florida East Coast Railway (incorporated in 1896) had reached Homestead, 28 miles south of Miami. The war with Spain in 1898 and the imminent construction of the Panama Canal caused many to feel that Key West would be a major Caribbean city of commercial and strategic importance. Thus there was much interest in a rail link with the mainland.

The Flagler forces considered two possible routes. One was to go through the Everglades to Cape Sable (southwest tip of Florida), across open water to a nearby key, and thence to Key West. The second (and selected) route would be from Homestead south to Key Largo and down the Florida Keys, a distance of 128 miles. In the summer of 1905 construction began under the direction of the railroad general manager, Joseph R. Parrott. The first chief construction engineer, J.D. Meredith, had extensive concrete construction experience and started the work; unfortunately he died in 1909. His successor, who finished the Extension, was William J. Krome, who had participated in the earlier Cape Sable survey. Great care was taken in the quality of engineering and construction.

Major construction features included 49 miles of limestone embankments, 11 miles of concrete arch viaducts, and 6 miles of steel bridging. A small navy was assembled including barges, dredges, launches, and sternwheeler steamboats. The logistical needs included not only construction materials, work camps, and food, but most importantly, fresh water. Construction workers came from all over the eastern United States and the Caribbean. It was estimated that the peak labor force was 4,000 men with an average of about 2800. There were numerous construction camps including some with houseboat barges. Liquor was strictly forbidden. There were over 40 bridges on the Extension, but three major bridges would be critical: Long Key Viaduct (1907) - 10,500 ft. - 180 concrete arches; Seven Mile arches (2 miles) plus truss swing span; Old Bahia Honda bridge (1912) - through trusses and plate girders (1 mile). To insure quality concrete, cement was imported from Germany for much of the pier and arch construction. Knight Key was reached in 1908 and a dock built for steamship connections. This would serve as the railroad terminus until 1912.

There were setbacks due to major hurricanes in 1906, 1909 and 1910, but Flagler was able to travel on his Extension by special train on January 22, 1912. By 1915 railroad car ferries were operating between Key West and Cuba. There was much activity, but never the freight and passenger volume the railroad hoped for. The devastating hurricane of 1935 destroyed over 40 miles of the railroad and it was not rebuilt. In 1938 the State of Florida paid $640,000 for the remains and by 1944 the Overseas Railroad was converted into the Overseas Highway.
FUTURE ASEE NATIONAL CONFERENCES

For those who plan ahead, following are planned and estimated (?) locations for future ASEE National Conferences. Since all national/international CED activity takes place at these three-day conferences each June, you might want to plan ahead to participate or help with one near to you in the future.

June 1995  Anaheim, CA
June 1996  Washington DC
June 1997  Seattle (?) or Milwaukee (?)
June 1998  Milwaukee (?) or Seattle (?)

GROUNDWATER MODELING WORKSHOP

The Third Annual Groundwater Modeling Workshop sponsored by the Civil and Environmental Engineering Department at the University of Central Florida and the Geraghty & Miller Modeling Group will be held from Tuesday August 9 through Friday August 12, 1994 on the University of Central Florida campus in Orlando, FL. A one-day workshop on August 9 will focus on AQTESOLVTM, while the three day workshop from August 10-12 will feature QuickFlowTM, ModelCadTM, and MOC386. The workshops consist of hands-on tutorials and practical field problems. The cost of the workshops will be less than the cost of the software provided. There are convenient accommodations near the campus.

For further information or to get on the workshop mailing list, please telephone J.P. Hartman at UCF: (407) 823-2841 or Glenn Duffield at Geraghty & Miller: (703) 758-1200.

ENGINEERING EDUCATION JOURNALS

Bob Henry is compiling a list of education journals which might be of interest to engineering educators, either for content/information or as a possible publication source. His initial three page listing gives names and addresses and a description of the Journal's focus/orientation. This initial listing includes:

- Journal of Educational Technology Systems
- Journal of Science Education and Technology
- International Journal of Engineering Education
- Computer Applications in Engineering Education
- CoED (Computers in Education)
- Journal of Engineering Education
- Journal of Professional Issues in Engineering and Practice
- Journal of Computer-Based Instruction

Readers interested in obtaining a draft copy of Bob's listing and making recommendations for additions, etc. should contact Bob as soon as possible. I hope to include his up-dated list in the February Newsletter.
CIVIL ENGINEERING DIVISION NOMINEES

The CE Division Nominating Committee has offered the following slate of names for those offices to be filled next year. Biographical sketches and a ballot will be included in the February 1994 Newsletter:

For Vice-Chair/Program Chair:

William E. Kelly, University of Nebraska - Lincoln
Alan L. Prasuhn, Lawrence Technological University

For Director:

Thomas A. Lenox, U.S. Military Academy
Edmund P. Segner, Jr., University of Alabama - Birmingham

MISCELLANY FROM THE EDITOR

We regret the delay in making our planned November Newsletter into a December Newsletter. However, we will have our regular February 1994 Newsletter (assembled at the end of January), so please get any newsworthy items to me in a timely fashion. The size of that newsletter will be a function of what readers send me. So, after reading this issue, follow up immediately and send me any appropriate contributions early in January 1994. We will have the Chair's Message (no doubt Bob will write about snow), the ballot, and ?? ? Clearly - I need your contributions. Lacking any contributions I will include more historical articles as well as issues in ferroequinology (all gauges and scales - 1:1 to 1:160)!

As readers will note, Bob Henry and Howard Dunn forwarded major items for this issue. I really appreciate Howard's camera-ready copy and Bob's mailing me a disc. Their contributions were crucial and I thank them very much. I think you can tell from the thoroughness of Howard's minutes and Treasurer's report that the Civil Engineering Division is in good administrative hands.

This newsletter is being mailed to 510 individuals including 15 in Canada, 2 each in Australia and Brazil, and one each in Germany, India, Israel, Netherlands, Saudi Arabia, South Africa, and Sri Lanka. All 50 states and the District of Columbia are included. New York and California have 32 and 30 members on our CED mailing list to lead the pack.

Please send me any news items for the February 1994 newsletter as soon as possible and, once more, many thanks to the contributors for this issue.

Thank you for your support of the Civil Engineering Division. Happy holidays.

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