

the news

PHILADELPHIA SECTION



AMERICAN SOCIETY OF CIVIL ENGINEERS

VOL. 48 - No. 6

Our 63rd Year

MARCH, 1976

! Special Joint March Meeting !

Philadelphia Section, American Society of Civil Engineers
and The Women's Auxiliary

TUESDAY, MARCH 9, 1976

Engineers' Club, 1317 Spruce Street, Philadelphia

Cocktails — 5:30

Dinner — 6:30

Meeting — 7:30

SUBJECT:

CONSTRUCTION: WHAT'S AHEAD?

SPEAKER:

GERALDINE GALLI LOOSE, Senior Editor, *Engineering News Record*

PROGRAM CO-HOSTS:

MRS. WILL M. (Audrey), HEISER, President, The Women's Auxiliary

ROBERT M. KOERNER, President, Philadelphia Section — ASCE

SPECIAL PRESENTATION:

AWARDING OF LIFE MEMBERSHIP CERTIFICATES

What will the City be like in the year 2000? How can we double the present transportation capacity in the next 20 years? How will municipalities handle solid waste disposal problems? Why is tunneling becoming a more economical alternative?

These questions confront all Civil Engineers and promise to have definite effects on the future of the construction industry. Mrs. Loose will discuss these effects and describe what *Engineering News Record* experts see as the picture ahead.

Mrs. Loose is especially qualified to speak on these matters. She is a Senior Editor for *Engineering News Record* — Transportation Department, and has extensive experience in interviewing and reporting construction trends, personalities, legislation, and projects. Mrs. Loose is a Drexel University Civil Engineering graduate, and has had design experience with Tippetts-Abbett-McCarthy-Stratton, Consulting Engineers, New York City, and the Connecticut Highway Department.

SPECIAL EVENT FOR THE LADIES:

Reception and Cocktails — 5:00 P. M.

Main Bar — First Floor — Engineers' Club

Come meet Mrs. Loose and your friends in the Women's Auxiliary.

"NON-MEMBER" IN THE NEWS

(Editors Note: Here is a brief profile of one of the most active participants in Phila. Section, ASCE affairs. And he isn't even a Civil Engineer! Read on -----)

Harold D. Gilman is the very active secretary of the Hydraulics and Sanitary Engineering Technical Group. Hal, by training is a physicist (Temple University B.A. '51, M.A. '54) and as such is not a member of ASCE. However, he is a member of several societies including AWWA, the Water Pollution Control Federation, the Instrument Society of America and the Franklin Institute.

Hal is currently with Greely and Hansen, and has been working primarily in developing control logic and computer requirements for Philadelphia's Water Pollution Control Plants.

Hal has authored many papers — the list is far too numerous to mention here — the most interesting of which is "Computer Applications and the Brewing Industry", which was presented at the 81st Anniversary Convention of the Master Brewers Association of America. The word is that Hal had a lot of fun doing the trial and error research for this paper.

The Philadelphia Section is pleased to count Hal Gilman as one of its own, and we're confident that he'll keep up the good work on behalf of the Society. Maybe someday he'll see the light and obtain his Civil Engineering degree — and qualify to become President of the Section!

Free Beer and Refreshments at the Meeting

Mail Reservation Cards Immediately — Win a FREE DINNER!

STUDENTS — Plan to attend for Dinner (Half Price) or meeting after Dinner

Notice: If THE NEWS arrives late — please call the Engineers' Club, PE 5-5234 and leave word for Mr. DeKovacs, Exec. Mgr., to reserve a dinner plate.

FEBRUARY MEETING

February 10, 1976
Engineers' Club

(Editor's Note: THE NEWS is indebted to **Harold D. Gilman**, Secretary-Treasurer of the Hydraulics & Sanitary Group for the authorship of the following article. See brief profile of Mr. Gilman elsewhere in this issue.)

Sponsor of the February Section meeting was the Hydraulics and Sanitary Engineering Group and Chairman **Carl M. Koch** was our able Program Host. Guest speaker was **Fred E. Parkinson**, Vice President and Development Manager, LaSalle Hydraulic Laboratory of LaSalle (Quebec) Canada. He spoke on "Physical Hydraulic Models."

Temple Featured

The evening was also highlighted as "Temple University Night", with a significant presence of students and faculty from the School of Engineering Technology. Temple University now has a Student Club of the ASCE. Dean John L. Rumpf briefly summarized new programs, and introduced faculty, students and alumni present.

Slides Illustrate Talk

Mr. Parkinson began his talk with some historical background, citing that physical hydraulic modeling is about 100 years old. The technology was initiated with a publication by Froude in 1870, and further advanced in 1885 with publications by Reynolds.

The basis of Mr. Parkinson's presentation is a collection of slides spanning 20 years. The slides were accompanied by a most interesting, highly personalized and informal description from our speaker. His discussion of hydraulic models covered such diverse applications as hydro-electric power, movable river beds, navigation, pollution dispersion, wave energy in ship channels, and ice studies. While most of the studies pertained to locations in Canada, the laboratory's models found applications in West Pakistan, France, Dahomey and San Juan.

The major effort at the LaSalle Laboratory, according to Mr. Parkinson, has been in modeling and designing hydro-electric dams and spillways. The modeling studies were especially effective in developing a unique arrangement for "closing the river", i.e. completing the last section of a dam.

Another unique application was the locating of an outfall for a fish canning factory on the Bay of Gaspe. As cited on the slides, the bay region was physically modeled, including local streams.

The constraints on the outfall demanded that no pollutants were permitted in the streams through long range operation. Many outfall locations were tested in the model and its simulated stream and tidal flows. With the selected outfall, an equilibrium condition was realized within 40 tides, and still no significant pollution in the streams.

Mr. Parkinson referred humorously to his work as "essentially a cut-and-try game which improves with experience," and compared it to "beach play 52 weeks a year." The diversity, magnitude and precision of the models shown on the slides belied the simplistic statement, and gave strong testimony of a significant, deeply-rooted technology where computerized mathematical modeling has a long way to go to catch up.

The audience's interest was clearly evidenced by the size of the attendance, and the quality and variety of questions posed to Mr. Parkinson during the lengthy discussion session. Program host, Carl Koch, Chairman of the Hydraulics and Sanitary Engineering Group merits a congratulatory applause for having brought to the meeting our Canadian guest and his unique topic.

President Robert M. Koerner presented Mr. Parkinson a Certificate of Appreciation at the conclusion of the meeting.



HEISER ATTENDS

MANAGEMENT CONFERENCE

(Editors Note: The following was excerpted from a report submitted by Mr. Heiser to Pres. Koerner.)

As a representative of the Philadelphia Section, Vice President Will M. Heiser attended the A.S.C.E. Management Conference held at the Jamaica Hilton Inn near John F. Kennedy Airport from 6 p.m. Wednesday, January 28 through 4 p.m. Friday, January 30, 1976. This Conference was attended by some forty representatives from each of the Districts, Sections and Branches in Zone 1 covering Pennsylvania, New Jersey, New York, New England and Puerto Rico. Also in attendance were National Officers and Representatives of National Headquarters Staff.

The purpose of the Conference was to share experiences, problems and successes of the local groups with National Officers and to inspire all groups to work together for the betterment of A.S.C.E. Presentations were made by: Eugene Zwoyer, Executive Director; Carl Nelson, Manager, Field Services; Arthur Fox, National President; Leland Walker, Na-

tional President-Elect; Joe Ward, Vice President Zone 1.

Most of the Conference was spent in informal fifteen minute presentations by each local representative on some facet of section activity. Each presentation led into an active discussion period with all participants sharing ideas. Mr. Heiser was assigned the subject of Local Section Finances, Budget and Auditing. Round-table discussions were conducted during meals and there was a constant inter-action between all participants.

Lee Walker President-Elect inspired us to take ideas gained during the Conference back to our Local Sections and make them effective. Will felt the time was well spent and he expects that Local Section activities may be improved in the future as a result of local officer attendance at such conferences.

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**COPY DEADLINE FOR
APRIL, 1976 ISSUE
MARCH 19, 1976**

TECHNICAL GROUP ACTIVITIES

Transportation and Urban Development

Date: Tuesday, March 16, 1976

Location: Engineers' Club

Time: 12 noon (Luncheon meeting)

Subject: "UMTA Policy with Respect to Technology"

Speaker: **Joseph T. Mayer**, Regional Engineer, Urban Mass Transit Admin.

Note: Luncheon reservations are helpful and may be made by calling Program Host, Lou Petulla at LO 3-2570.

Geotechnical

Date: Tuesday, March 16, 1976

Engineers' Club — 7:00 p.m.

Subject: "Geotechnical Problems in Soft Sea-floor Soils"

Speakers: **Professor Adrian Richards**, Lehigh University, Pennsylvania
Professor Terry Hirst, Lehigh University, Pennsylvania

Program Host: **Dr. S. V. Nathan**, Chairman, Geotechnical Group

February Meeting

The Geotechnical Group's monthly meeting was held on February 17, 1976, at the Engineers' Club. Program Host was **Dr. Sreenivasan V. Nathan** of Woodward-Clyde Consultants.

William S. Gardner, F.ASCE, Principal of Woodward-Clyde Consultants was the guest speaker and presented the current state-of-the-art drilled-pier (commonly known as caissons) design. This was followed by a discussion of the practical problems in drilled-pier construction in the Delaware Valley Area by a well known local contractor, Joe Puglia of Reliance Drilling, Inc.

Both the talks were well received by an appreciative audience. The Group's certificates of appreciation were awarded to the two speakers.

Hydraulics and Sanitary

Date: Thursday, April 8, 1976 —

Luncheon Meeting

Location: Engineers' Club — 12:00 noon

Subject: **Stormwater Pollution Control**

Speaker: **Richard Field**, USEPA Region II

Program Host: **Michael D. Nelson**, Vice Chair, Hydraulics and Sanitary Group

Mr. Field will discuss "Stormwater Pollution Control" in the United States: based upon projects sponsored by the EPA. The major portion of the presentation will be a film.

Structural

Date: Thursday, March 18, 1976 —

**"COUNTDOWN TO CONVENTION"**

The 1976 ASCE National Convention and Exposition

September 27 — October 1, 1976

Sheraton Hotel, Philadelphia, Penna.

Theme: "American Civil Engineering — A Bicentennial of Public Service"

WE NEED YOUR HELP!!!

The months are shrinking and the weeks are dwindling. WE ARE IN PRE-FINAL COUNTDOWN TIME!

Many Section members have already contributed to the Convention Commemorative Book: "The History of Civil and Construction Engineering in the Delaware Valley" now in process of publication — and the Finance Committee extends to them its sincere thanks.

BUT HUNDREDS OF PHILA. SECTION MEMBERS HAVE NOT YET SENT IN THEIR CONTRIBUTIONS. WE ARE DEPENDING ON YOUR FINANCIAL ASSISTANCE. Don't let us down! Please send your checks, payable to **Phila. Section, ASCE** to Bruno J. Talvacchia, 1845 Wynnewood Road, Phila., Pa. 19151, Phones: Office 561-1941 Home GR 3-7647

Your participation will be welcome as follows:

Patron — \$10.00 (listing only)

Sponsor — \$25.00 (listing plus copy of book)

Professional Card — \$35.00 (publication plus copy of book)

Historical text and/or advertisement (companies, organizations, etc.)

Full page — \$150.00

Half page — \$85.00

Quarter page — \$50.00

The Financial and Publication Committee also needs volunteers to solicit textual insertions and advertisements from individuals and all engineering and

Luncheon Meeting

Location: Engineers' Club — 12:00 noon

Speaker: **John Ed Ryan**, District Manager, National Forest Products Assn.

Subject: **Fire Tests and Their Relation to Wood Structures**

Program Host: **Professor Frederic Roll**, Chairman, Structural Group

Please call Professor Roll at 243-8347 for luncheon reservation.

construction-allied companies, organizations and services.

WON'T YOU PLEASE HELP US MAKE THIS PROJECT THE FULL SUCCESS IT SO RICHLY DESERVES! Get in touch with Mr. Talvacchia right away.

IBM HOSTS LUNCHEON SEMINAR

International Business Machines Corp. announces its sponsorship of a Luncheon Seminar for the Phila. Section, ASCE, as follows:

LUNCHEON AND TECHNICAL SEMINAR ON THE IBM 5100 PORTABLE COMPUTER

Place: IBM Corporation, 1700 Marketing Street, Phila., Pa. (IVB Building, 23rd floor)

Date: Wednesday, March 17, 1976

Time: 12:00 noon to 1:30 p.m.

Program: IBM 5100 Technical presentation and demonstrations. Guest Speaker.

Enrollment: Limited to 100 attendees

Registration: Phone **R. Huston, IBM Corporation, 864-2489** — No charge

The new IBM 5100 portable computer has been creating quite a stir in the Civil Engineering community, and the Membership should find the session informative. A buffet luncheon will be served at 12:00 noon, and the program will begin at 12:30 p.m. Live demonstrations of problem solutions from varied Civil Engineering specialties will be shown.

ITEMS OF INTEREST**Fred Roll in the News**

Professor Frederic Roll of the Dept. of Civil and Urban Engineering has been elected President of the Delaware Valley Chapter of the American Concrete Institute. Dr. Roll is Chairman of the Phila. Section's Structural Group and he has been nominated for the office of Director for the 1976-1977 season.

The Department of Civil and Urban Engineering of the University of Pennsylvania has been awarded a \$1000 Graduate Student Fellowship by the Prestressed Concrete Institute for the investigation of the edge tear-out strength of concrete with embedded expansion anchors. The research will be conducted under Professor Roll's direction.



LEGISLATIVE CORNER

by John E. Spitko

GOT A QUESTION, WE'LL GET YOU AN ANSWER

Beginning with the next issue of THE NEWS, this column, will be answering inquiries into local, state or federal legislative and administrative matters related to engineering in any way. Do you have a question on the status of a hard-to-follow legislation buried somewhere in a committee in Harrisburg? Our expert staff will ferret out the status of any program, bill or whatever. We enjoy a challenge so why don't you try us. Send all questions to **John Spitko**, "Legislative Corner", 100 East 5th St., Chester, Pa. 19013 (TR 6-5523).

UPDATE

Most of the bills we have been following are in committee. The Pennsylvania Flood Disaster Prevention Act, Senate Bill SB1, is continuing to run in opposition in the Joint House/Senate Conference Committee.

The Board of Directors of the Central Pennsylvania Section of ASCE has formally passed a resolution recommending that the "Pa. Flood Disaster Prevention Act" receive favorable action on the part of the Legislature of the Commonwealth and that the Legislature be informed of ASCE's backing of SB1. This information was transmitted to us recently by Guy Page, Chairman of the Central Pennsylvania Land Use Committee. The resolution cites the following reasons for ASCE favoring the Flood Plain Act: (1) recurrent flooding which causes severe suffering and economic loss; (2) unsuitable and unregulated construction in the flood plains which intensifies such suffering and economic loss; (3) the Act would provide a program of sensible and coordinated flood plain management; (4) the civil engineering profession has traditionally, and by virtue

of special competence, been assigned a major role in flood plain management and contiguous land resources. Our Philadelphia Section Board may be considering issuing a similar resolution.

SEND IN THOSE QUESTIONS.

STUDENT CHAPTER NEWS

University of Pennsylvania Highlights
by Stuart Saslow, President

At our Chapter's first meeting of this Bicentennial Year, officers were elected and installed as follows: President Stuart Saslow '77; First Vice President: Kathy Thomas '78; Second Vice President: Gary Knopf '77; Treasurer: Eric Evers '77; and Secretary: Eva Ayala '77.

The highlight of our past semester's events was a visit to the construction site of Philadelphia Electric Company's Limerick Nuclear Generating Station. We would like to take this opportunity to publicly thank PE for the rare opportunity they afforded us.

A reminder, this year's Concrete Canoe Race will be held on April 3, 1976 at 10:00 a.m. Be there!

Villanova — A Busy Season

by Bill Gilman, President

So far our semester has been an involved one, as we held our first Chapter meeting, February 11th, with **William R. Robinson** and **Steve Toth** speaking on the projects of the Chicago Bridge and Iron Company. A slide presentation and a film depicted CBI's construction and completion of hemispherical water storage tanks and circular oil storage tanks. With Mr. Robinson presenting the lecture and Mr. Toth adding several clarifying details, the talk proved very interesting.

The **Seventh Annual Engineering Careers Conference**, which will be held at Villanova on **March 18, 1976**, is the next major item of the future. The Conference will provide high school students, as well as undergraduate students, an insight into the varying careers of a Civil Engineer. Presently nine speakers will be given the opportunity to speak in three fields of Civil Engineering. They are: **Structures** — which includes architecture and construction; water resources (which is subdivided into sanitation and city planning); and **Transportation**, including various non engineering associated jobs. The overall

program encompasses all the engineering disciplines at Villanova and each individual speaker should provide an interesting and probing insight into professional engineering. At the close of the day's seminars, the guest speakers will be invited to have dinner with the student participants.

As for concrete canoes, our Triple C (Concrete Canoe Committee), has begun construction on what should soon prove to be the winning canoe on April 3rd! Don't forget, all are welcome to view the race on the Schuylkill River that Saturday morning as it should provide an interesting and jovial time.

(Editors note: See special article on the Canoe Race.)

CONCRETE CANOE RACE PLANS IN FULL SWING

by Earl T-Me Hazel
Public Relations Officer

ASCE Student Chapter, Univ. of Pa.

The Fourth Annual Concrete Canoe Race, hosted by the University of Pennsylvania, will be held on **Saturday, April 3, 1976** from 10 a.m. to 1 p.m. at the Schuylkill River shell racing course. As this item went to press we have received about seventeen entries from colleges and universities around the country. Some of these have entered two canoes. Contestants will gather with their boats at the Public Boat House under the Strawberry Mansion Bridge where they will be inspected. The finishing line will be at the John Kelly receiving stands just north of the Columbia Avenue Bridge on the last bank of the Schuylkill.

The race is open to the public and promises to be an enjoyable day for all as in previous years. The Section Membership is invited to come out and see these ingenious creations of the students and to cheer for their favorite schools.

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NOMINATIONS FOR OFFICE 1976 - 1977

In accordance with the Constitution and By-Laws of the Philadelphia Section, ASCE, the Nominating Committee which he appointed has submitted to President Robert M. Koerner the following list of nominees for elective offices for the 1976-77 year:

- President — Will M. Heiser
(one year)
- 2nd Vice President — Celestino R. Pennoni (two years)
- Secretary — Joseph M. Cervone
(two years)
- Assistant Secretary — Albert M. Tantala (two years)
- Treasurer — Theodore Davis
(two years)
- Membership Secretary — Joseph R. Syrnick (two years)
- Director — Gerald M. McDonnell
(two years)
- Director — Dr. Frederic Roll
(two years)
- Director — William M. Malarkey
(Associate Member Forum)
(one year)

Offices in which incumbents have one more year to serve are:

- 1st Vice President — Walter H. Clark
- Directors — George N. Beetle
— Robert C. Belfi
— Charles Peters

Past Presidents to serve on Board of Directors are:

- Bruno J. Talvacchia
Alfred O. Quinn
Robert M. Koerner

If no additional nominations have been submitted to the President in accordance with the Section's Constitution and By-Laws and filed with the Secretary by April 1, 1976, the above slate of nominees shall be declared elected at that time, and will be installed at the Annual Spring Social at Bala Golf Club, May 1, 1976.

The Nominating Committee was comprised by: Alfred O. Quinn, Chairman; Bruno J. Talvacchia, Will M. Heiser, Walter H. Clark and Lawrence M. Moy.

If you haven't already done so, it's not too late to send in your Section dues. Make check (\$10.00) payable to Phila. Section, ASCE, and mail to: Theodore Davis, Treasurer, ASCE Engineers' Club, 1317 Spruce St., Philadelphia, Pa. 19107

ASSOCIATE MEMBER FORUM NEWS

Traffic Surveillance System

The New Jersey Turnpike Authority has installed an automated traffic surveillance system that will increase highway capacity, improve safety conditions and possibly decrease future need for turnpike construction.

The system consists of 780 magnetic sensors installed beneath the pavement at half-mile intervals which convey information to two computers to light up arrows on display boards at state police and turnpike authority headquarters. The system continuously measures traffic density and can reroute traffic onto alternate roadways when there is serious congestion. The system will cost \$5 million and will automatically set speed limits according to traffic density.

The system is highly innovative and should effectively improve conditions on the nation's most heavily travelled corridor.

UMTA

Senator Harrison Williams of New Jersey is becoming Congress' most outspoken leader in public transit matters. He recently made it known that he is upset with the administrators of the Urban Mass Transportation Administration (UMTA). He cites, UMTA's recent rejections of applications for major capital grants such as the proposed rapid transit line in northern New Jersey and the light rail project in Dayton, Ohio. To date, there has been no response from Transportation Secretary William T. Coleman, Jr. concerning charges of "bureaucratic delays, red tape and endless paper pushing" on the part of UMTA.

Monthly Meeting Attendance

It has not gone unnoticed that attendance at the Philadelphia Section monthly meetings by Associate Members has fallen off somewhat recently. The Associate Member Forum requests not only that you make an effort to attend meetings but also that you become involved in the operation of the Section, especially in this year of our hosting of the National Convention.

News Items Wanted

Once again we are soliciting news and information items of particular interest to Associate Members. Associate Members are encouraged to contribute. News items can be sent to:

William J. Parante
Gannett, Fleming, Corddry &
Carpenter, Inc.
Box 368, 6515 Allendale Road,
King of Prussia, Pa. 19406

WOMEN'S AUXILIARY

After a two-month winter hiatus, the Philadelphia Section Women's Auxiliary resumes its monthly Luncheon-Meetings on **Wednesday, March 17, 1976 — 12:00 noon** at the Engineers' Club. Featured attraction will be "The Carolers", members of the Swarthmore Women's Club singing group, directed by Ms. Donna Kay Croddy.

All Auxiliary members and their friends are cordially invited to attend this meeting. **It is not too late to join!** For information and membership application, please call Membership Chairman Marie (Mrs. Kenneth J.) Zitomer, LI 8-5324 — or see any officer at the March 17th meeting.

ALSO — LADIES, MAKE SURE YOU ATTEND (WITH YOUR HUSBAND, BOY FRIEND OR LOVER) THE JOINT MEETING OF THE AUXILIARY AND THE MAIN SECTION ON TUESDAY, MARCH 9, 1976, AT THE ENGINEERS' CLUB. A SPECIAL RECEPTION AND COCKTAILS WILL START AT 5:00 P.M. SEE PAGE ONE FOR FULL DETAILS.

C.I.A.F. HOSTS SEMINAR

The New Jersey Heavy and Highway Construction Industry Advancement Fund (C.I.A.F.), in cooperation with several major N. J. and Pennsylvania associations of contractors, consulting engineers' councils and professional engineers' societies, announces a program entitled "Legal Problems and How to Resolve Them, a Seminar for the Construction Industry" The educational seminar was organized to provide current information on legal problems affecting contractors, engineers and architects, with suggestions for avoiding or resolving them.

Date: Tuesday, April 27, 1976

Location: Sheraton Poste Inn, Routes 295 and 70, Cherry Hill, New Jersey

Time: 9:30 a.m. to 5:00 p.m.

(continued on page 6)

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CIAF SEMINAR

(continued from page 5)

Program:

- 9:30 a.m. Introduction, Arthur R. Trautmann, Exec. Director, CIAF
- 9:40 a.m. Panel Presentation, "Issues that Cause Construction Contract Dispute" — Moderator: Henry Achione, President, Eastern Penna. Contractors' Assn.; Jack McAllese, Esq., Counsel to EPCA; Theodore Davis, Esq., Corporate Counsel, S. J. Groves & Sons
- 11:00 a.m. Coffee Break
- 11:15 a.m. Panel Presentation, "How to Prepare for a Claim" — Moderator: Peter Cipriano, P.E., President, PEC of New Jersey; Morris Levin, Esq., Schiavone Construction Company
- 12:30 p.m. Luncheon
- 1:30 p.m. Panel Presentation, "Contractor - Subcontractor Relations" Moderator: Donald Kroeck, Pres., N.J. Section, ASCE; Morris Levin, Esq., Schiavone Construction Co.; Richard Rosenberg, Esq.
- 3:00 p.m. Coffee Break
- 3:15 p.m. Panel Presentation, "Can Arbitration Resolve Construction Contract Disputes?" — Moderator: John Dorer, President, AGC of N.J.; Theodore Geiser, Esq., Counsel to CIAF; Thomas Schleifer, Vice President, Fogel Associates Inc.; Patrick Westercamp, Regional Director, American Arbitration Assn.
- 5:00 p.m. Conclusion

Registration cost for the all-day seminar is \$15.00 per person for employees of CIAF contributors and \$20.00 for non-contributors. Attendance is limited to 100 persons. For reservations, please send check, payable to **CIAF, P.O. Box 327, Pennington, N.J. 08534. Phone: (609) 737-0440.**

Philadelphia Section's long-time loyal booster and former Director, **M. Charles Nugent**, is an official of CIAF and he assures us that this seminar will be exceptional — and at a bargain fee.

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BALA SOCIAL TIME IS NEAR

It's that time of year again when we **THINK BALA!** Mark your calendar now!!! The Phila. Section, ASCE, Annual Spring Dinner Dance will be held **Saturday, May 1, 1976** at the Bala Golf Club. Once again the renowned orchestra of Ronnie Drake will provide music for dancing and listening pleasure. Featured entertainment will be the Ukrainian Folk Troupe, whose sensational performance at last year's function was the conversation-piece of the evening. Complete price for everything, including the delicious dinner, will be \$14.00 per person. Plan to join us for a fun-filled evening.

Watch for **THE NEWS** April issue (next month) for details on obtaining tickets. This year's able and hard-working Combined Social Chairman is Joan (Mrs. Wallace A.) Rutecki. Joan did a magnificent planning job for the Social last year and she promises a better-than-ever affair this Spring.

MARK YOUR CALENDAR

The April 13, 1976 Joint Meeting of
 The Phila. Section, ASCE and the
 Phila. Post, SAME at
 The Engineers' Club

Dr. John C. Kohl,
 former New Jersey Commissioner
 of Transportation.

"RAILROAD GEO. POLITICS"**DIED**

NORMAN MITNIK — The Phila. Section sadly notes the death of member Mitnik on Feb. 4, 1976, at the early age of 43. He was Assistant Vice President of Sanders & Thomas, Inc., Consulting Engineers, Pottstown, Pa.

A 1965 graduate of Drexel University, Mr. Mitnik earned his M.S. degree there in 1967. He resided with his wife Charlotte, a daughter and a son, in Huntingdon Valley, Pa.

The Phila. Section extends its sincere sympathy to Mrs. Mitnik and the children.

Section Members!

Please Take **THE NEWS** Home. Your Wife Wants to Read The Women's
 Auxiliary Items **AND** Take Her to the March 9, 1976 Joint Meeting!

METROPOLITAN**SECTION CONDUCTS SEMINAR**

Structural Design Seminar
"Contemporary Structural Connections"
 March 8, 15, 16, 22 and 23; 6:00-9:00 p.m.
 United Engineering Center
 47th St. at First Ave., New York City
 Fee for attendance and printed notes \$40

Topics and Speakers

Welded Connections —

A. J. Julicher, Principal
 A. J. Julicher & Associates
 Consulting Engineers
 Potomac, Md.

High-Strength Bolted Connections

Dr. J. W. Fisher, Assoc. Dir.
 Fritz Engineering Laboratory
 Lehigh University
 Bethlehem, Pa.

Prestressed Concrete Connections

Prof. T. Y. Lin
 Civil Engineering Dept.
 University of California
 Berkeley, Calif.

Precast Concrete Connections

K. Thornton, Partner
 T. Y. Lin Associates (New York)
 Paramus, N. J.

Cast-in-place Concrete Connections

P. F. Rice, Technical Director
 Concrete Reinforcing Steel Institute
 Chicago, Ill.

Timber Connections

B. F. Hurbhut, Principal
 Hurbhut, Kersich & McCullogh
 Consulting Engineers
 Billings, Montana

The seminar series is sponsored by the Structures Group of the Metropolitan Section, ASCE. For additional information and registration contact Mr. Tomas Collins, Westenhoff & Novick, P. C., 420 Lexington Ave., New York, N. Y. 10017; Tel. (212) 685-6056.

Philadelphia Section Members!

See Important Message

**"COUNTDOWN TO
CONVENTION"**

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