

CIVIL ENGINEERING TREATED IN TALKS BY WELLS, HEALD

Civil Engineering was the subject of a broadcast of the Armour Tech radio programs over station WJJD, October 20 and 23. The Thursday address was given by Professor H. T. Heald and the Sunday evening lecture by Professor M. B. Wells, head of the Department of Civil Engineering.

The two lectures traced the history of civil engineering from prehistoric times down to the present.

Discuss Improvements

Accomplishments in the development and improvement in highway construction, railroad building, structural materials, drainage systems and dams, and water supply systems during the last two generations were discussed in detail.

The constantly increasing highway traffic, the higher speed in road travel and vastly heavier loads have presented problems in highway construction which have to be solved by civil engineers.

To meet this competition, railroads have increased their speed in passenger and freight transportation by extensive grade revision, curve reduction, improved roadbeds to carry heavier loads, and tunneling to cut down grade and distance—all problems for the civil engineer.

Higher Structures Possible

Recent improvements in structural materials have led to the building of higher structures and longer bridges than would have been considered feasible before their development.

The civil engineer plays a prominent part in the development of air transportation. He lays out airports, designs drainage, surveys airways, plane lighting towers and other similar structures, and works out practical problems in aerodynamics and in the actual structural design of airplanes.

TRUSS CLUB DANCE

Social activities of the Truss Club began Saturday evening, November 5, when a bridge party and audio dance was held in the club rooms at 3423 S. Michigan Avenue.

The affair was well attended, and an enjoyable and sociable time was had by all present. Among the honor guests were Professor and Mrs. C. R. Swineford and Mr. and Mrs. George Taylor.

The Truss Club takes pleasure in announcing the pledging of R. W. Stahl, M. E., '34.

ARX NEWS

The ultimatum of the seniors is "Watch Out," and if you have been strolling by their sanctuaries lately, you have surely heard cries of "Hands off" or "hands on." Yes sir! They are all having their clocks fixed, for the project which is to be turned in this afternoon is the Emerson Prize, titled "A Monumental Clock."

And as the hour of judgment approaches, time hangs heavy on their hands.

Congratulations Juniors! John Benya and Ted Irion came through with first mentions on their R. K. O.'s in New York.

Seven first mentions of the "Sanitorium Cottage" project were sent on to New York. This is quite a number for the first class "B" problem, so evidently the jury was well satisfied.

Mr. Erickson, authority on hospital planning was the guest juror.

The freshmen this year seem to be pretty well controlled by Mr. Wagner, guard extraordinary. In fact they keep themselves in their room so much that the upper classmen feel that a conspiracy is afoot to prevent the training of niggers. Or else the department is playing safe by permitting the freshmen to make their own mistakes.

No!! Your Kolyum is not getting shorter and shorter but your ed is charretting longer and longer.

College Editors Hold Convention

BY ORVILLE T. BARNETT

The trip to the convention of the National Scholastic Press Association taken by Raymond E. Nelson, Jarl T. Sorensen, Edmond P. Lomasney, and myself proved to be of great benefit for the future issues of the News and the Engineer.

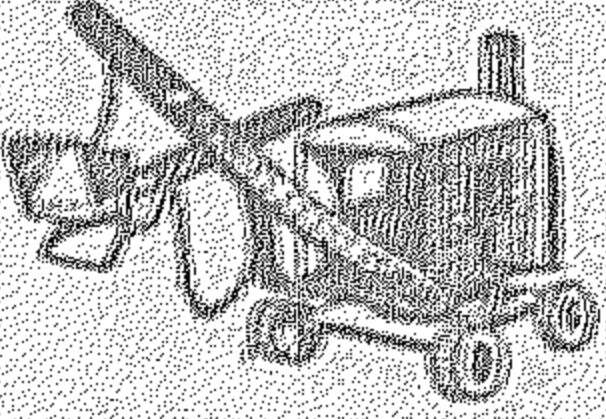
The first event on the program was registration of delegates which was followed in the afternoon by an inspection trip to the Champion Coated Paper Company's plant at Hamilton, Ohio. This plant is running at 95% capacity at the present time as a result of cost cutting through improved methods developed in their research laboratories.

Many Group Meetings Held

The following two days were spent in two general convocations and a number of group meetings. Professional writers in both the newspaper and magazine field addressed the representatives of the editorial staffs while the business managers were told of many new ideas by successful business managers in the publishing field.

The assembled delegates were addressed by Virgil Elmer, Sir Norman Angell, and Lowell Thomas on different subjects pertaining to work of the type with which the delegates were concerned. One of the Armour delegates was appointed on a committee to arrange a better college division of the N.S.P.A. This was a signal honor because of the fact that but six people are on this committee chosen from the large number present. Many of the new ideas gathered at the convention will be inserted in our publications from time to time in the hopes of ever improving the Armour publications, all of which belong to the N.S.P.A.

THE STEAM SHOVEL



ROY CARLSTROM cut his finger down at Underwriter's Laboratory the other day. When a Fire Protect gets caught once in a while.

Canine culture is being developed in Professor AMSELEY'S general literature class. In fact the professor was so impressed by the new type of student that he proceeded to tell a story about dogs.

KEN REYNOLDS was so determined to throw something at HAROLD HOEBEL that in his excitement he upset his girl friend's photo and spilled coffee all over her dress. And now his face red!

BILL HENSEL was reprimanded by Mr. Erickson for acting as an eighth grader. Then the music director asked if this was a sample of the Armour student's behavior. Thanks, BILL.

MULLANE'S radiator cap was stolen, as the armor chemists came to the reason by substituting one.

Incidentally it consisted of a cork and about a yard of glass tubing bent in the form of a manometer, a spiral condenser, and a standard shaped apparatus.

Due to the number of contributions handed into the STEAM SHOVEL about NORMAN KRAUSE, his publicity among the junior chemists must be unsurpassed.

BILL PETERSEN and DICK FRIEDE are recognized as outstanding sophomores for their faultless imitations of the faculty.

The University of Pennsylvania has abolished all final examinations. We wonder how this system would be accepted by the professors at Armour.

Did you ever try to whistle on a pipette?

Parker Talks on National Defense

(Continued from page 1)

dians and exploring unmapped territory. The faithfulness and discretion used by Washington in all his undertakings warranted his promotion in the field of military endeavors until he became a colonel on the personal staff of General Braddock.

Being a member of the Continental Congress in 1775, Washington served on the military committee for planning national defense, and the policies set forth by him at that time are the basic principles involved in the present system of national defense.

General Parker continued by saying that only men of Washington's type, men whose personality and training had been acquired on the bitter fields of long adversity and suffering, were capable of creating our constitution and that these same types of men are necessary for the maintenance of a democracy such as that of the United States.

Regardless of the progress made in constructing a national defense system, it is evident that the needs have not as yet been satisfied and, as General Parker said, the development of the national defense will depend entirely upon the amount of appropriations voted by Congress.

Although sightless since the age of 9, a 24-year old New York University journalism student contemplates the publishing of a daily paper upon his graduation.

Fraternity Notes

PHI KAPPA SIGMA

The parents' reception and tea held at the chapter house last Sunday afternoon was well attended by the fathers and mothers of the actives and pledges.

The ping pong tournament is progressing nicely and in a short time the championship will be decided. Brothers Marow, Biegler, Walker, and Pledge Fogle are still in the running.

Brother Biegler has been added to the ranks of our disabled. He wrenched his ankle last week and now is hobbling around on crutches. Pledge Anderson suffered a similar misfortune a few weeks ago.

THETA XI

The Theta Xi Club of Chicago in conjunction with the Alumni of Alpha Gamma are to have a smoker at the Alpha Gamma chapter house on Friday evening, November 18.

Brother DeBolt dropped in for lunch last week. Brother Jones paid the house a visit, having returned from Pittsburgh for a few days.

BETA PSI

Next Friday evening is the night scheduled for the Thanksgiving dance at the house. Brother Wittkeindt has made arrangements for the orchestra and Brother Hahn has finally secured his date, so the dance is practically a success already.

Brother Langhammer '31 was married last Saturday. He and his bride

will reside in Indianapolis where Kenneth is employed with the Indiana Inspection Bureau.

RHO DELTA RHO

The Fall "pledge dance" was held last Saturday evening at the fraternity chapter house. A capacity crowd attended the affair and made it one which will long be remembered. A number of the old "grads" were present.

KAPPA DELTA EPSILON

The fraternity held a bridge party last Saturday night at the house. The affair was a success as there was a turnout of twenty couples. Card playing began at 8 p. m. and continued to 12 p. m. At this point refreshments were served.

The social chairman, Milt Hoffman has begun plans for the annual mid-term dinner-dance which will be held some time between Thanksgiving and Christmas.

TRIANGLE

It is now Hell week for three pledges, that period which precedes formal initiation. Pledges Carl Clanton, Robert Lyford, and Edward McDonough are in the midst of that week now which will reach its destination Sunday, November 20 at which time formal initiation will be executed.

Not much time was allowed for studying last week with active meeting Monday evening, Pi Tau Sigma smoker Tuesday, A. S. M. E. Wednesday, Chi Epsilon smoker Thursday with Triangle pledge meeting

Riflers to Compete With New York Team

A rifle team representing the New York Stock Exchange will furnish the competition for the Armour Tech Rifle Team this week in a "postal" match. A "postal" match is distinguished from a "shoulder to shoulder" match in that the competing teams shoot on their own ranges and exchange their scores by mail. Postal meets are convenient in circumstances where distances make it impossible for the opposing teams to shoot "shoulder to shoulder."

A.S.M.E. HOLDS SMOKER

The Armour Branch of the American Society of Mechanical Engineers held its smoker last Wednesday, November 9, in the Triangle Fraternity House. The participants, represented by a large percentage of seniors and juniors, enjoyed themselves by playing bridge and pool. The only setback was in the form of cakes, which were divided into such large pieces that the boys had to use their ingenuity in eating them. That difficulty, however, was soon overcome, for no one was heard complaining about the size of the portion he received.

at the same time. Brother Dick Anderson, Minnetonka chapter, is living with us while working in Chicago.

Basketball practice was started last week and plans are made for a practice game with the Delta next week.



THE SEA WOLF

"Nature in the Raw"—as portrayed by the noted artist, N. C. Wyeth... inspired by the infamous Captain Kidd's fierce raids on the gold-laden Spanish galleons (1696), which made him the scourge of the Spanish Main. "Nature in the Raw is Seldom Mild"—and raw tobaccos have no place in cigarettes.

No raw tobaccos in Luckies —that's why they're so mild



WE buy the finest, the very finest tobaccos in all the world—but that does not explain why folks everywhere regard Lucky Strike as the mildest cigarette. The fact is, we never overlook the truth that "Nature in the Raw is Seldom Mild"—so these fine tobaccos, after proper

aging and mellowing, are then given the benefit of that Lucky Strike purifying process, described by the words—"It's toasted". That's why folks in every city, town and hamlet say that Luckies are such mild cigarettes.

"It's toasted"
That package of mild Luckies