



02 Nov 1938

## The Missouri Miner, November 02, 1938

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## THE DIRECTOR'S COLUMN

By DR. W. R. CHEDSEY



Editor's Note—Because of circumstances over which we have no control, Dr. Chedsey's column was omitted last week. We are glad to present that column this week.

One of the first duties of an engineer is to organize his work. Until a plan or organization is perfected the rest of the work cannot proceed. In connection with this I am happy to call attention to one part of our activity that has been very efficiently organized and that is the R. O. T. C. Unit. In connection with this I want to make public the following letter:

October 20, 1938

Major L. C. Gordon  
Professor of Military Science & Tactics

Mo. School of Mines & Metallurgy  
Rolla, Missouri

Dear Major Gordon:

I am so pleased with the R. O. T. C. Battalion following the inspection and review yesterday morning that I want to let you and those of your staff know about it. I am going to release this to the Missouri Miner so that the entire student body knows of my appreciation of its splendid organization and functioning.

I do not believe I have ever seen, at so early a period in the college year, a battalion review at which there was better functioning and appearance.

I am naturally very much pleased also at the attitude of the students here towards the R. O. T. C. work, both the basic and the advanced courses, and I think that the satisfaction on the part of the students can be explained by the fact that they are getting a larger amount of things of engineering interest than is given to the average infantry R. O. T. C. battalion at liberal arts and other similar colleges, and results in an appreciation of the work of the army engineer in peaceful pursuits, as well as in the event of having to defend our country against invasion or any other war necessity.

I shall appreciate your conveying this word of commendation and approval to your staff and to the cadet officers and the entire battalion, including, of course, the band.

Cordially yours,

Wm. R. Chedsey.

Another opportunity for organization improvement suggests itself to me, which will also be an improvement in economy and, incidentally, of decency, and that is in regard to one of the student customs. This was in my opinion too amply illustrated in the period between halves at the football game last Saturday, and I hope that the student body, perhaps under the leadership of Student Council, will take measures to better our position and, incidentally, improve the organization of student customs.

Wm. R. Chedsey.

**Co-ed Engineers of MSM Are Organized**

The Co-eds of M. S. M. met in room 10 of Parker Hall, Oct. 26 Miss Betty Pohle and Miss Bowles were interested in organizing the girls on the campus, so it was through their efforts that this meeting was brought about.

The girls decided to call themselves the "Co-ed Engineers". The purpose of the club are to establish an organization for the women students of M. S. M. and to promote social activities and co-ed athletics.

One idea brought up at the meeting was to form a pep squad or have a special cheering section for the co-eds at the football and basketball games. It was also suggested that the social functions be given where boys of the school would be invited.

At the next meeting it is expected that there will be further organizing of the club and the election of officers.

At this first meeting Miss Betty Pohle was the presiding chairman.

**Cullison Attends Conference**

Professor James S. Cullison of the Department of Geology was absent from the campus over the past week-end. During this time he attended the Sixth Annual Tri-State Geological Field Conference which was held this year in the general region of Des Moines, Ia. The conference was a field study of the type area of the Des Moines group of the Pennsylvania System of rocks. The recent great interest in the oil and gas possibilities in northwestern Missouri and southwestern Iowa has created a new interest and desire for more knowledge concerning the rocks of this group.

Students of Cairo University, Egypt, spend ten days in registering for each term.

# THE MISSOURI MINER

MISSOURI SCHOOL OF MINES & METALLURGY

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VOLUME XXV

ROLLA, MISSOURI, WEDNESDAY, NOVEMBER 2, 1938

NUMBER 8

★  
1938-1939  
OUR SILVER  
ANNIVERSARY  
★

## MINERS SHUT OUT INDIANS HERE, 35 TO 0

Coach Bullman's Team Scores in Every Quarter in Winning from Cape Girardeau

By Jack Emery

The 35-0 victory of the Rolla Miners over the Cape Girardeau Indians is considered a tribute to the Miners' most loyal rooster and their staunchest supporter, the late Professor L. E. Garrett. Through his efforts many fine changes have been made in the Miner eleven and he was directly responsible for the powerful 1914 team that won everything in sight.

The Miners swept the Cape Indians out of their way and rolled over them roughshod for 5 touchdowns against a team defenseless from the accurate passing of Taylor, Cook, Koziatek and Cunningham and sticky fingers of Bob Nevins and Nick Nicola, who did most of the ground gaining when necessary.

The victory over Cape Girardeau was the largest score ever made against a Stuber-coached team and also the largest score made in a M. I. A. conference tilt in a number of years.

It was Bob Nevins' basket arms that led the way to the Miners' stampede over the Indians. Although Bob made only one touchdown, he paved the way for two scores.

"Shorty" Baumstark was the heavy scorer for the day, counting up two touchdowns. For the first he intercepted a long pass by Hoeh and galloped 55 yards for the touchdown. His second score came late in the third quarter when he bucked the Indians' line for the one yard needed for another touchdown.

Harley Ladd counted for 10 points in the game, making a six-counter on a buck in the opening minutes of the game and kicking 4 out of 4 extra points to make his total of 10 for the game.

Nick Nicola, being on the receiving end of two passes, landed in the end zone for another Rolla touchdown. Rogers kicked the extra point.

(See FOOTBALL Page Three)

## Senior Mets Return from Annual Trip

Attendance at the National Metal Congress and Exposition in Detroit, Michigan, and plant visitations, including two days at the River Rouge Plant of the Ford Motor Company, comprised the annual trip of the senior metallurgy students this year. Sixteen mets accompanied by Prof. C. Y. Clayton entrained Oct. 12 for Detroit, arriving back in Rolla eleven days later in time to attend the A. I. M. E. banquet and dance.

Chicago was the first stop. Here the group was met at the South Chicago Plant of the Carnegie-Illinois Steel Company by Myron Thomas, '29, complaint metallurgist, and Arthur Kroll, '32, and Johnny Marod, '35, metallurgists. These alumni conducted the mets through most of the 700 acre plant. Several hours were spent in watching the operation of the blast furnaces, Bessemer converters, open hearths, rolling mill, heat treating furnaces, and other equipment of the mill.

From Chicago the group traveled via train to Detroit, where the downtown Y. M. C. A. was made the headquarters for their eight day stay.

An inspection tour through the Ford River Rouge Plant occupied the next two days. A very complete tour was made and several divisions not open ordinarily to visitors were inspected, such as the foundry, which is the largest foundry in the world, covering eighteen acres. The power plant too is the largest industrial steam generating plant in the world and the whole plant is the world's largest industrial development.

Saturday morning was spent in the research laboratory of the Climax Molybdenum Company. Here after all the equipment had been inspected, the group was given a talk by W. P. Woodside, vice-president of the company and newly elected president of the American Society for Metals.

From Monday until Thursday the time was devoted mainly to attendance at technical sessions of the National Metal Congress and in

## Seven Are Pledged to Tau Beta Pi

At a mass meeting last Friday in the Auditorium of Parker Hall, Tau Beta Pi, an honorary fraternity, pledged seven new men to their organization. The pledges were charged by Dr. Chedsey, a graduate member of Tau Beta Pi and guest speaker at the meeting, to continue their excellent work in scholarship. He said, "Scholarship pays high dividends." Dr. Chedsey said however that Tau Beta Pi was not seeking for scholarship achievements alone. It is interested in character, personality, leadership, and school activities as well. "To pledge to this fraternity is not only an honor, it is the acceptance of an obligation." With this remark Dr. Chedsey concluded his brief address. The men pledged were H. S. Kidd, Charles Boulson, Ed Elliott, Marshall Jamison, Max Yeater, and William Pearl; all Seniors, and F. M. Stewart, ranking Junior.

Triangle, a social fraternity, represented by Jack Glatthaar, was presented a silver cup for having the highest scholastic average last semester of any organization on the campus. Robert Sexton, Sophomore, was presented a slide rule for being the ranking Freshman last year. Following the presentations John Post, President of the Student Council made several announcements concerning Dad's Day. Leber and the cheer leaders led the students in a short pep session.

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## Prof. Leon Ellis Garrett Dies Suddenly from Heart Attack

Leon Ellis Garrett, '01, Professor of Mechanics, died of heart failure Friday night, October 28.

Funeral services were held at Parker Hall Monday afternoon at 1:30, with the Rev. H. P. Hunter, the Rev. H. Nelson Tragitt and the Rev. E. P. Gabriel officiating. Members of Prof. Garrett's classes attended in a body, as did members of Rolla Lodge of Masons, and members of the P. E. O. Incineration was made in Valhalla Crematory, St. Louis.

Professor Garrett was born October 31, 1871, at Camp Point, Illinois. In 1881 he moved with his parents to Maryville, in Nodaway County, Missouri. He attended the public schools and the Maryville Seminary, from which he was graduated in 1894. He also attended Coe College in Des Moines, Iowa. He taught school until the fall of 1898.

Professor Garrett entered the School of Mines as a student in September, 1898. Only three years were necessary for him to complete the requirements for his bachelor of science degree. The degree was granted in 1901.



The first contact Garrett had with the School of Mines & Metallurgy other than as a student was in the capacity of an assistant to the late Dr. A. L. McRae, who was then Professor of Physics and later Director. In 1902 Garrett received his appointment to the faculty of the School of Mines & Metallurgy in the department of mathematics. The advancement in rank to higher academic positions began in 1905. During the years 1910 and 1911 Garrett studied at the University of Wisconsin under Maurer, who was the outstanding and recognized authority in the field of mechanics in the United States.

## Developed Service Department

The period of study at Wisconsin in the field of advanced mechanics gave Garrett the idea of the development of a service department in mechanics for the School of Mines & Metallurgy. The creation of such a department was delayed.

In 1913 and 1914 when the School of Mines & Metallurgy was passing through one of critical periods of its life, Garrett was called to the administrative office as acting director. The firm stand that was taken by Garrett during the brief tenure of office as acting director, without doubt, saved the School of Mines & Metallurgy for the present student body. The duty of acting director was performed with the acumen and tact that characterized the whole of Garrett's academic life. Garrett's knowledge of administrative problems and his vast store of school history enabled him to analyze many problems that came before the faculty and to offer constructive suggestions which prevented the faculty from taking the wrong step. There is no one who can take his place. There are few who realize the sacrifices, both personal and financial, that Garrett was called upon to make while acting director and in the years that followed.

## Raised to Professor of Mechanics

The Department of Mechanics was created in 1921 and Garrett was raised to the rank of Professor of Mechanics. Under the leadership of Professor Garrett, the Department of Mechanics performed an integral and real function as a basis for engineering courses. Under the administration of the present director, Professor Garrett had developed plans to further enlarge and improve the usefulness of his department that it might render a more effective service. The plans included the development of advanced courses of study and laboratory facilities which would make the application of mechanics clearer to modern engineering practice and study.

## Was a Member of Tau Beta Pi

Professor Garrett was a member of Tau Beta Pi, an honorary engineering fraternity. He valued this membership highest of his several other associations, and it is believed that this was due largely because it permitted him further association with the students of the School of Mines and Metallurgy.

Professor Garrett's health had not been good for some time. It was only last December that he was confined to his bed for three weeks or more with an attack of pneumonia. Many of his friends feel that he never fully recovered from this illness and that it was a material contribution to his death.

Those who knew "Prof" best understand that he would want no mourning, but they are sure he would expect everyone to carry on with the same devotion as he had for his alma mater and a greater Missouri School of Mines.

With the passing of Professor Leon Ellis Garrett the student body has lost one of its excellent instructors; the Alumni Association a loyal and devoted member; and the Missouri School of Mines and Metallurgy a friend who devoted his whole life to serve it.

Turning the classroom for just a few sentences, we believe you'll like

this potent commentary on the book-writing professors: "Copying one book is plagiarism; copying three books is research." And it comes from Connecticut State College's Prof. V. Rapport

Seldom does a comic-strip quip become part of a college yell, but a couple have been adopted with a vengeance at Midland College. The student court there has ruled that on days before football games freshmen must say "Foo to the go to that plays Midland" whenever pointed at by upperclassmen.

What's foo for the upperclassmen must be foo for the freshmen!

## 200 Fathers of M S M Students Attend Dad's Day Celebration

Dads Enjoy Varied Program, Including Tour of Campus, Classrooms and Laboratories, Football game and Banquet at Hotel Edwin Long

## Lee Woods Speaks to Mining Students

Mr. Lee Woods, '26, held the undivided attention of the mining students last Friday when he gave a brief summary of the operations of the Santo Domingo gold mine in southwestern Peru, which he and his father have been operating the last ten years. Since leaving MSM Mr. Woods has received his Masters Degree from Massachusetts Institute of Technology. Otherwise, practically all his time has been given to the actual operating of the mine.

After giving a brief but interesting history of the mine, Mr. Woods described the operations as they are carried on today. He stressed the fact that mining students should realize that eventually, it is "horse sense" that determines whether or not a mine can be operated at a profit. As an example, he cited the case of the Santo Domingo Mine which is situated in mountainous country 140 miles from any railroad and is accessible only by foot or pack mules, and the latter are rarely used. It being so difficult to reach, machinery at the mine is limited very expensive. The former operators, nevertheless, imported much new machinery at great cost, but it could not be operated with the native Indian labor (which was the only kind available) and the enterprise failed.

Mr. Woods displayed a sample of the gold ore and also many pictures which were of much interest and information to the students present.

## First Number of Lectures on Nov. 8

The first number of this series of the General Lectures programs will be presented in the auditorium next Tuesday, Nov. 8, when Pauline Pierce, distinguished young soprano, and Gean Greenwell, successful baritone in concert, opera and radio, will present a concert which will include duets and solos by many of the great English, German and Russian composers. Both of these concertists have attained prominence in their respective fields, but an even more attractive combination is made with Tony Sharpe, well known accompanist, at the piano.

In addition to scoring triumphs on the concert stage throughout the country, Miss Pierce has added to her reputation on the radio through nationwide broadcasts. She received the highest praise for outstanding work in the Bach B-minor Mass in Carnegie Hall. In the last year she was presented in the successful "Town Hall" debut recital in New York, and was awarded the coveted Walter W. Naumberg musical award.

Gean Greenwell has had equal success in concert, opera, oratorio and on the air. He has advanced from the stage, through Broadway, and on to the more serious forms of music. In the words of the well-known Boston critic—"He certainly is walking in the path of the eminent singers of the past."

The work and ability of Tony Sharpe is well known through his radio broadcasts.

This is the second annual tour of the West for these two vocalists, so great has been their success and so numerous the requests for their return appearance.

## HOSPITAL NEWS

The hospital list this week includes eight M. S. M. students and believe it or not, one Cape Girardeau Teacher's College student. This stranger was C. Conrad of the Cape Girardeau football team, who received a badly bruised back in Saturday's football game. Conrad was released from the hospital Sunday afternoon. The M. S. M. students were Ross Carolla, with an attack of acute appendicitis, James Kelsler, W. Hartman, and John Soult with bad colds; and L. Wolfe, Nathan Jafee, and George Axmacher, all with infections of one sort or another.

Chinese students at Columbia University spend only fifty cents a day for food.

Nearly two hundred fathers of Missouri School of Mines students were the guests of their sons and the school for Dad's Day last Saturday. The entire families of quite a number of the students came to Rolla for the day, swelling the total attendance to well above 250.

Immediately after their arrival on Saturday morning, the fathers registered at Parker Hall, were given ribbons of various colors to designate of which class their son was a member. Following the registration, the dads went on a tour of the campus guided by their sons or by Blue Key members. On this tour the fathers were given a chance to see students at work in classroom and laboratory, and to meet the members of the faculty.

At noon the fathers lunched at their sons' fraternity house or eating club. During the afternoon the fathers were the guests of the school at the Miner-Cape Girardeau football game, where a favorable impression of the strength of the Miner team was made by the 35-0 victory of the Miners.

Saturday evening brought the big event of the day, a banquet at the Hotel Edwin Long at which over three hundred fathers, students and faculty members were present. Director Chedsey acted as toastmaster and gave the welcoming address. Dr. A. C. Magill, of the Chemistry Department of Cape Girardeau Teachers College, gave the response for the fathers. The next speaker was J. R. Glatthaar, senior, who was the spokesman for the students. After Glatthaar's address, Professor J. C. Brandt, head of the department of music at Cape Girardeau Teachers College, led the group in singing. The songs included the school songs of M. S. M. and other songs appropriate to the occasion. Last on the program was Attorney J. C. Leslie, of Kansas City, who gave an impromptu address on his impression of the school, students, and faculty.

At their meeting held last week, the Student Council discussed the sophomore-Freshman situation. Two sophomores were drafted to this meeting as a result of previous unnecessary roughness to freshman.

The Student Council warned these sophomores to be a little more careful in their treatment of the freshman. This warning the Council also said was for the sophomore class as a whole. The Council also said that these fights which involve the wholesale slaughter of pants must stop.

All freshman entertainment between halves of the football and basketball game has been stopped unless the Council calls for special entertainment. This measure is to help prevent fights and to give the band a chance to perform.

At this meeting the Council also chose the design for their keys and voted that each regular member is to receive a key.

**Annual Pledge Dance Is Given by Pi K. A.**

Buoyed up by the Miner grid victory over Cape, Pi Kaps and their guests danced well into the morning at the Pi K. A. Pledge Dance Saturday night. Over 200 persons, many of them dads and out of town dates, were present to hear the music of the Varsity Orchestra from 9:00 o'clock until 1:00. After the dance a nickelodeon kept "jitter-bugs" going until sunrise.

Preceding intermission, the orchestra accompanied several Pi K. A.'s in special arrangements of the fraternity songs.

Chaperons were Mr. and Mrs. R. F. McCaw, Prof. and Mrs. V. C. Gevecker, and Mr. and Mrs. W. M. Littlefield.

The house was decorated in the Halloween orange and black.

Time here passes fairly quickly. The fact that we have no Sundays off does not bother any of us, for to spend a whole day loafing around the bungalow is more tiresome than working.



# IN TRIBUTE TO PROFESSOR GARRETT

It is always hard to adequately express appropriate sentiments on the passing of one who has been truly appreciated by his fellow men. We have, however, tried to assemble here some of the sentiments of a few of his many loyal friends.

Professor Garrett, in my short acquaintance with him, impressed me with his friendly spirit and his desire to cooperate in all things in connection with the school. This same spirit has no doubt been manifest in his class room work, and was a factor that made him so popular, as I understand it, with the student body. In his thirty-seven years of service here he has left his imprint upon more students, graduates and non-graduates, than any other member of the present faculty, and with the possible exception of Professor Dean, any past member of the faculty. He will be missed by many, as he was one for whom returning alumni invariably asked.

W. R. Chedsey

The loss of Professor L. E. Garrett leaves the Missouri School of Mines and Metallurgy and the M. S. M. Alumni Association with a vacancy that will be exceedingly difficult to fill. He was always willing to serve M. S. M. and her institutions with loyalty and with complete disregard for personal gain.

K. K. Kershner

"Prof." was more than a teacher. Kind and gentle, and yet thorough in his work—and stern when the occasion demanded. The school has suffered a great loss—a staunch friend.

D. F. Walsh

Now and then one meets a man who can impart his knowledge to others in a manner both concise and clear; who can temper cold facts with just enough humor and common sense to enliven them; who can be both firm and severe but still remain remain a "good fellow"; and who is alive to and interested in events around him. Professor Garrett was such a man. His personality will not be forgotten, nor his ability easily replaced.

R. Z. Williams

In the death of Professor L. E. Garrett the School of Mines has lost a most loyal and active supporter and a capable teacher.

He was ready to attempt any task however difficult and to make any sacrifice however great, if need be, in the interests of the School of Mines.

In his passing the School has suffered immeasurable loss.

F. H. Frame

Others will doubtless speak of Professor Garrett as a teacher and evidence of his ability is universal. I wish to speak of his capacity for friendship.

When I came to the faculty of the School of Mines twenty-five years ago, Professor Garrett at once became my friend. He remained so until the moment of his passing. This long period taught me his real worth, for I may say in all sincerity and without the slightest aspersion that one had to know Professor Garrett to know the true man and to appreciate the depth of his loyalties. I have valued him as a friend more than I can say and I shall miss him, I know, more than I now realize.

J. W. Barley

Professor L. E. Garrett in my opinion was one of the best teachers on the campus, and it can be truthfully said that he was always a friend of the students. The Alumni Association never had a more earnest worker or loyal supporter than "Prof." Garrett.

Walter C. Zeuch

Professor Garrett was one who would cooperate to the utmost in arranging his courses so that they would do the most good for his students. While I was never privileged to sit in any of his classes, I understand that he had a keen sense of humor and the happy faculty of being able to put his ideas across permanently without necessitating drudgery on the part of the student. These, I believe, are the attributes of a great teacher.

C. M. Dodd

With the passing of Professor Garrett the School of Mines has lost one of its oldest and ablest teachers. He will be missed—in faculty circles for his wise and conservative policies, and in student circles as true friend.

Perhaps his outstanding service to the School was given when he was Acting Director. Faced with the disapproval of the University President, whose policy was to move the School to Columbia, Professor Garrett joined with the other friends of the School in saving it from such a fate, and actually invested a large portion of his personal salary in retaining counsel to handle the case before the Supreme

## THE MISSOURI MINER



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# FEATURE PAGE

Page 2

THE MISSOURI MINER

November 2, 1938

Court, where it was decided that the Board of Curators MUST offer the courses in the six lines of engineering and general science that in addition to ceramic engineering are now offered. Perhaps the School would not now have several of these courses but for the action taken by Professor Garrett.

Clair V. Mann

It has been my privilege to know Professor Garrett for the past thirty years. During that time, I have valued his friendship for his many fine qualities and have admired his excellence as a teacher. That excellence endured throughout his teaching career and is a tribute to his great interest in his work and his loyalty to the school. The faculty and students of Missouri School of Mines will all miss Professor Garrett.

C. R. Forbes

For 40 years Leon Ellis Garrett has been a part of the School of Mines and Metallurgy, first as a student and later as a member of the faculty. During this time he has become a legend on the campus. He was known not only for his sterling teaching ability, but also for the character building of his students. His passing has left an empty space in student and faculty circles which will be impossible for anyone else to fill.

Professor R. O. Jackson

From classroom knowledge I have been convinced of Professor Garrett's outstanding effectiveness as a teacher of the fundamentals of mechanics and for his ability to train his students to think. Rather than to load his students with much material Professor Garrett preferred to literally force them to think their way through to the solutions of fundamental problems. With Professor Garrett gone the School has lost a modest but highly effective teacher and a true friend.

Joe B. Butler

Professor L. E. Garrett was associated with the Missouri School of Mines and Metallurgy from 1902 until his death. During all this time he faithfully taught and guided his students in the field of Mechanics, inspiring them to greater progress and achievement. He has won lasting friendships and tributes from the student body as well as the faculty with whom he labored for many years.

The welfare of the Missouri School of Mines and Metallurgy was ever of supreme interest to him, and he actively participated in the guidance of its destinies during his entire career. Truly, the institution has lost a friend in the passing of Professor Garrett.

W. T. Schrenk

## WHAT ENGINEERS' REGISTRATION LAW WILL MEAN TO US

The Missouri Society of Professional Engineers has been largely instrumental in revising and publicizing the proposed act for registration of professional engineers, which has been sidetracked or defeated five times before in the Missouri Legislature, so that it will not probably pass, especially if it is deferred to the dollar-a-day part of the session, when legislation is more likely to be acted upon than in the ten-dollar-a-day part.

We students owe to them our thanks and gratitude. It will raise the standards of practicing engineers and of the profession of engineering. It will dignify and magnify the importance of the profession. The Engineer becomes the Engineer.

It will undoubtedly mean that there will be fewer Engineers than there are engineers at present. But on examination we obtain the following facts.

1. Forty other states of the U. S. now have registration laws in effect.
2. Engineers who could not qualify in other states have been migrating to Missouri.
3. This produces a surplus of "engineers" who yet have a considerable edge over the engineering college graduates in getting jobs.
4. The college graduate is therefore at a disadvantage, so far as opportunities for employment are concerned, relative to those who have been gaining experience and seniority in practice.
5. The new law will place the college graduate on at least an equal basis with those who started in subengineering work at the time the college graduate started his education. The new law will require graduation from a four year engineering course plus four years of engineering experience, or eight years of experience and a satisfactory grade on examination covering the equivalent of such a college course, or twelve years of experience of which five must represent the responsible charge of engineering projects.
6. The tendency in industry will be toward the elimination of those who are not engineering college graduates in picking employees who show possibilities of rising rapidly in their organization. It will require only four years for the engineering college graduate to become a licensed practicing engineer, and the company can then place him in charge of engineering work, while any others they might hire must work for eight years before they can possibly qualify for responsible positions as Engineers, and the possibility of their not passing the examination is another factor in their disfavor.
7. THIS CLEARS THE FIELD FOR ENGINEERING COLLEGE GRADUATES.

We therefore should place our strongest support behind this measure, for it beneficially affects both our immediate future and our entire lives.

**Odds Are Figured on Football Syndicate**

Ever since my roommate held 13 spades the other night in a bridge hand I have been on an investigating tour through various media and I have just about decided that he fixed the deck. But one can't be too hasty in such accusations. There is, however, a good case against him. I have found that the odds

against him holding such a hand are 158,000,000 to 1. If one had 40 hands dealt him every day in the year for 10,000,000 years the odds would be about even.

I have also had a lot of financial reverses with the 3 N syndicate and for this reason I started an investigation of odds. After two weeks work I got the thing about figured. The number was so large that it covered four sheets of paper, and

## WHAT WHEN WHERE

St. Pats Board	Wednesday, November 2	7:30 P. M.	Clup Room
Alpha Chi Sigma	7:15 P. M.	Chem. Bldg.	
Manufacturing of safety glass			
(Movie) American Ceramic Society	7:30 P. M.	Aud.	
A. I. E. E.	7:00 P. M.	104 Norwood	
Theta Tau	Thursday, November 3	7:30 P. M.	Club Room
Kappa Alpha Dance	Friday, November 4		
Football Game	(Miners vs Kirksville)		Kirksville
Triangle Dance	Saturday, November 5		
Community Chorus	Monday, November 7	7:00 P. M.	Physics Lect. Room
A. S. M. E.	Tuesday, November 8	7:30 P. M.	Mech.
Pierce & Greenwell (General Lect.)	8:00 P. M.	Auditorium	
A. S. M. E.	7:00 P. M.	Mech.	
Band	7:30 P. M.	Gym	
Miner Board (News)	7:00 P. M.	Power Plant	
Student Council	Wednesday, November 9	7:00 P. M.	Club Room

## Wanderings of A Soph's Mind

By J. A. Soph

I shore aint goin to buy anything from now on from John Scott on acct of I bought a sliding ruler from him the other day and I wuz tyin it out by adding 2 and 3, when I sez to John, this hear thing aint rite on acct of it adds 2 and 3 to be 6. So John he tries addin 2 and 3 himself and he gets 6 also, and so he gets a ading mashene and ads 2 and 3 and gets 5. So he sez, well since this sliding ruler gives you 20% more then you shoold have for an ansir, that will be \$2.35 moar, wich is 20% of the prise. I aint got it all figured out yit, but I think that I got hooked on the deul.

I gess everybody nos the reason why this John Post what is pres. of the Stupid Council is trying to stop the freshmins from bein civilized by us sophs. It is on acct Post aint none two brite and so he has bin flunking a lot of coarsses and he is hopin that maybe he can get a litel vacuum with Hard Harted Armsby by stopping the brawls, and then maybe he can graderate in 5 years insted of 6.

Well I must stop now on acct of I have got to go down to the place wher they print the Miners and investigat these typergraphical errors what I hav bin findin in my colm the past few weeks. The Miner is very conveniently arranged now, on acct of you don't have to turn no paige because the news is all on the frunt paige and utha paiges is full of ads. I am expecting to see ads on the frunt paige any time now, on acct of the editur bought a new watch the utha day.

## Attend Engineering Meeting

Professors Butler and Carlton attended a meeting held in Jefferson City, Oct. 25, which was for the purpose of discussing and formulating plans for sponsoring legislation to regulate engineering in Missouri. Professor Carlton and Engineer Mathew S. Murray, State Administrator of the Works Progress Administration, helped to arrange the program of the day. During the course of the afternoon the proposed bill was discussed and various committees which are to make the Legislature aware of the desires of the engineer were appointed.

Top-ranking employment preference of Wellesley College freshmen is home-making. Writing and journalism are second.

then people wonder why the syndicate is getting rich.

EDITOR'S NOTE — After last week's games we don't believe it about the syndicate getting rich.

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## Airplane News

By Ray Vaughn

A really big airplane is one that Consolidated Aircraft Corporation contemplates building in the near future. It is completely beyond the dreams of most of us in size. Materials and technique are now available for this 300 passenger 200 ton airplane, and power that would be available by the time it could be built, is the report made by designers who have completed a study of the job.

They plan a single hull flying boat with retracting outboard floats and a retracting main float. One deck cares for passenger accommodations, which is 88 feet fore and aft in the hull and 116 feet laterally through the wing. The accommodations extending through the wing will be lighted by sky lights in the upper surface of the wing and windows in the leading edge. The wing thickness at the root is over 11 feet. The ship spans 272 feet, is 144 feet long, 20 feet high, has a power loading of 33.3 lb. per h. p., and a wing area of 8400 sq. ft.

The power to carry this ship, its 300 passengers, a crew of 30, baggage mail, and express is 6 two-thousand horsepower engines built in the wings driving threeblade propellers 20 feet in diameter. It has a cruising speed of 300 m. p. h. and a range of 5000 miles.

## Dance Dates

Fri., Nov. 4	Kappa Alpha
Sat., Nov. 5	Triangle
Fri., Nov. 11	Theta Tau
Sat., Nov. 12	Independents
Sat., Nov. 19	Junior Club
Wed., Nov. 23	Lambda Chi Alpha
Fri., Dec. 2	Kappa Sigma-Sigma Pi
Sat., Dec. 3	St. Pats Board
Fri., Dec. 9	Kappa Alpha
Sat., Dec. 10	Alpha Lambda Tau
Thurs., Dec. 15	S. A. M. E.
Fri., Dec. 16	Triangle
Sat., Dec. 17	Pi Kappa Alpha
	Sigma Nu

More than 1,700 trees on the Connecticut State College campus were destroyed in the recent east coast hurricane.

## Rollamo Theatre

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"WESTERN TRAILS"  
Plus—Cartoon "Poor Little Butterfly" and "Lone Ranger"

Sat. Matinee Starts 1:30—Adm. 10-15  
Nights 7-9—Adm. 10-25c  
Sun. and Mon. Nov. 6 & 7  
Deanna Durbin in

"THAT CERTAIN AGE"  
Plus—Cartoon "Little Buckaroo" and Latest News Flashes  
2 Matinees Every Sunday 1:30-3:30  
Adm. 10 & 30c  
Nights 7 & 9 — Adm. 10 & 36c

Tues. Nov. 8—Matinee & Nite  
John Howard and Mary Carlisle in

"TOUCHDOWN ARMY"  
Plus Selected Short Subjects  
Matinee 3:00 — 1st Nite Show 6:30  
Adm. 10 & 25c

Wed., Thurs. & Fri., Nov. 9-10-11  
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# SPORTS PAGE

November 2, 1938

THE MISSOURI MINER

Page 3



By B. C. Compton

The Maryville Teachers turned aside their most serious competition for the Missouri Intercollegiate Athletic Association football title Friday night when they trimmed Kirkville, 26 to 7, and now need only victories over Cape Girardeau and Warrensburg to wind up in the driver's seat.

The Bears have three victories and have yet to be defeated in loop competition. The Missouri Miners overwhelmed Cape Girardeau, 35 to 0, to take over third place with one victory and one loss. The Indians dropped to fourth place with one triumph and two defeats.

Springfield and Warrensburg squared off in a 13-13 tie. Neither team has broken into the victory column in the conference yet.

**Miners Game Taps Program**  
Four teams will engage in loop competition Friday night, with the Kirkville-Missouri Mines battle attracting the most attention. Maryville plays host to the Warrensburg team, but from past records should have little trouble in drawing a step nearer the title. The game at Kirkville will decide which eleven will remain in the title race.

The Cape Indians will take on Carbondale Teachers in the second of two battles, after defeating them earlier in the season. The other loop team — Springfield — remains idle.

The Bears showed why they are in first place in the conference by completely outplaying Kirkville. Stanley Pele's runback of a second half kickoff was the highlights of the game, although it was the Bears' third touchdown.

The game started as a free-for-all in gaffair, with McLaughlin going over with the Maryville touchdown in the first five minutes. The Bulldogs came back in the first quarter and scored on a series of line bucks, the last by Roark.

**Bernaui Leading Scorer**  
Bernaui, the leading scorer in the conference, went over for Maryville's second touchdown from the two-yard stripe, after an 85-yard march down the field. At the start of the second half Pele made his 70-yard runback for the Bears' third score. Bernaui scored the last touchdown when an interception by McLaughlin of a Kirkville pass had given Maryville the ball on the Kirkville 15-yard line.

Maryville made 15 first downs to Kirkville's five.  
In the Miner-Cape game, the Engineers showed power in the air and completely outplayed the Indians, who were trying to recover from a defeat by Kirkville last week that ended their 16-game winning streak. After the game Assistant Coach Wayne Goddard of the Indians said the defeat was the worst one suffered by the Indians since Head Coach Abe Stuber had been in charge.

The Miners started to score early. Two passes to End Bob Nevins put the ball in position where Halfback Harley Ladd could carry it over. A 25-yard pass, Cook to Nevins, was responsible for the second touchdown, which was scored in the second quarter.

Fullback Walter Baumstark intercepted a Cape pass in the third period and galloped 55 yards for a touchdown, and later scored again from the one-yard stripe after a pass, Koziatek to Nevins, had put the ball in position. Ladd placed-kicked the first four extra points after touchdown. The last score came in the last few minutes of play, when Cunningham passed to Nick Nicola in the end zone from the five-yard line. Rogers, guard, entered the game to kick the point.

The game at Springfield was a thrilling affair, with fumbles, trick plays, razzle-dazzle and passes predominating. The outcome of the game was a blow to Warrensburg, which finished second in the race last year and had figured on beating Springfield. The tie game may mean that both teams will finish on the bottom, unless an upset occurs, which is a rare thing in the M. I. A. A.

L-M4d ng1o H i

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**COMPTON**  
A Weekly Review of Miner Sports  
By B. C. COMPTON

In this writer's opinion the Miner-Cape game last Saturday was one of the strangest contests played on the local field in the past four years. The struggle ran the gamut from tears to laughter, and from glee in the bleachers to a loud hissing that could be heard clear on the opposite side of the field.

Of course the bright spot was the Miners' convincing victory, the passes that clicked at the right moment, the interception of a pass by Baumstark and his long run, the talented way in which Ladd and Rogers kicked five placements after touchdowns, and the fact that the Miners were trimming Cape which had won two previous battles from the Engineers.

The sad part was the unnecessary cat-calls and boos from the fans when Chester Conrad, Indian guard, was hurt and the all-round griping at the officials.

The humorous note was the continual chatter kept up by the players in the line. They not only chided their opponents but at times even went as far to bring in certain members of the opposing man's family.

But all-in-all the game was quite satisfactory from the Miner fan viewpoint, so I guess that is all that counts. The Cape eleven did not quite furnish the opposition that they could have if their long injured list was shorter, but their weaknesses were mostly due to a brilliant aerial attack of the Silver and Gold eleven.

The Indians' line was plenty strong, a fact that can be verified by the statistics. The first downs were practically the same as was the yards gained from scrimmage. The difference between the two teams was in the backfield. The Indians made the mistakes, and the Miners capitalized on them.

It would be quite a job to pick out the outstanding stars for the Miners, because when a team wins 35 to 0 practically all of the players are stars. Of course Bob Nevins deserves praise for his catching ability; credit must be given to Curtis and Wilson for their leadership; Spafford played a bang-up game at center, while Axthelm also looked good for the few minutes he was in there; the backs all performed creditably, and the second and third string line looked good.

The following clipping is from the student publication of Washington University, St. Louis, and shows just what co-eds think of football. The poll was taken just before the Missouri-Washington game, which incidentally Missouri won. However the article is funny and we hope you enjoy it.

Washington coeds expect the victory bell to ring tomorrow. Success for the Bears was predicted by sixty-two of the ninety-two girls who voted in a Student Life poll. Five expected a tie, while twenty-five favored Missouri.

The scores suggested varied from 0-0 to 50-0 in both directions, with 7-13 our favor, as the favorite. We feel a handsome prize should be in order if the blonde who guessed 8-10 turns out to be right.  
Dick Yore, with sixty-six votes, was the outstanding choice as "most valuable player". Bill Perfection, Jack Warner, and Bill Seibert were runners up, while Harold Tracy, Charlie Dee, and Bud Schwenk

## Eyes Over the American Campus



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## FOOTBALL

(Continued From Page One)

Shortly after the game started the Miners got possession of the ball in midfield. Taylor was back and he tossed a long pass to Nevins, who was downed on the 26 yard line. Taylor was back again and tossed another long pass to Nevins which was good for 20 yards. Again Taylor was back to pass but saw a hole as big as Aunt Miranda's barn and ran the ball down to the 1 yard line. Harley Ladd hit the line and on the third try made the touchdown and then proceeded to kick the point.  
In the second quarter Cape, with its powerful fullback, Hoeh, drove the ball deep into the Miner territory, but Jim Wilson nabbed Weber 19 yards behind the line of scrimmage to make it the Miners' ball on their own 42 yard line. Taylor and Schumacher drove the ball down to Cape's 25 yard line, where Cook uncorked a long, beautiful pass to Bob Nevins, who put it over the goal line for another score.  
Hoeh tried a pass to Jones in the third quarter but Baumstark was there instead and galloped the ball 55 yards for the third score of the game.  
Later in the same quarter "Pup" Koziatek tossed the ball into the waiting arms of Nevins and the pass was good for 19 yards. On the next play another pass was repeated and netted 13 yards to put the Miners down on the 1 yard line again. Baumstark bucked the line and

went over to make the score 27-0. Then Ladd kicked the extra point.  
The fourth quarter was marked by pass interception, the ball changing hands often. Cook and Koziatek passed their way down just inside Cape territory when Tate intercepted a pass meant for Wadleigh on Cape's 27 yard line. On the next play Nicola recovered a fumble but the Miners' passes didn't click and they lost the ball on downs. Again Cape tried to pass but Walker intercepted it. The Miners fumbled on the next play and the ball went back to Cape, and on the next play Rose intercepted their third try at passing on Cape's 35 yard line. Cunningham then passed to Nicola, a "honey" that was good for 14 yards, and repeated the same motion to Nicola again for another score. Rogers came in to make the kick, which was good, to make the final score 35-0.

The Miners' passwork was working overtime last Saturday and their running plays were working as they never have before, but the defense still needs a bolster here and there as Cape made all their gains through holes in the Miner line.

**The line-ups and summary:**  

MINERS	Pos.	CAPE GIR.
Nevins	L. E.	Jones
Uelk	L. T.	Hays
Rogers	L. G.	Conrad
Spafford	C.	Beall
Curtis (C)	R. G.	Edmundson
Klug	R. T.	Hartle
Wilson	R. E.	Kies
Schumacher	Q. B.	Weber
Taylor	L. H.	Hoeh
Ladd	R. H.	McLane
Baumstark	F. B.	Popp

  
Officials: Archie Klein (Missouri), referee; Roy Newsom (St. Louis), umpire; Clay Van Reen (Bradley Tech.), linesman.

**Score by quarters.**  
Miners ..... 7 7 14 7-35  
Cape Girardeau ..... 0 0 0 0-0  
Substitutions: Miners—Stephens, Cook, Cunningham, Wadleigh, Kromka, Koziatek, Axthelm, Nicola, Domjonovich, Kiesler, Walker, Goss, Loveridge, Veale, Rose, Corneau, Hessman, Bennetson, Falkingham, Raskaskas, Sindle, Flint, Kreuger, Cape Girardeau—Godwin, Harris, Crews, Roberts, Arnoldi, Nicholson, Lauer, Duhadway, Fatchett, Barnich, Green, Richardson, Turner, Allen, Greer, Tate.  
Scoring: Touchdowns—Ladd, Nevins, Nicola, Baumstark (2), point after touchdowns: Ladd (4 placements), Rogers (1 placement).

STATISTICS		Miners	Cape Girardeau
First downs		9	7
Yards gained from scrimmage		71	61
Passes attempted		17	16
Passes completed		8	3
Yards gained from passes		138	33
Passes intercepted		7	1
Fumbles		1	1
Fumbles recovered		1	1
Penalties: Miners 4 for 50 yards; Cape Girardeau 4 for 30 yards.			

**Theta Tau Plans Dance**  
A brief meeting held in the club room by Theta Tau last Thursday evening was solely devoted to plans for a dance sometime in the near future. The affair will take place in the Pennant Tavern; music offered by an orchestra from Cuba, Mo.

Recent excavations have revealed that the new campus of Colby College was once the floor of a prehistoric sea.

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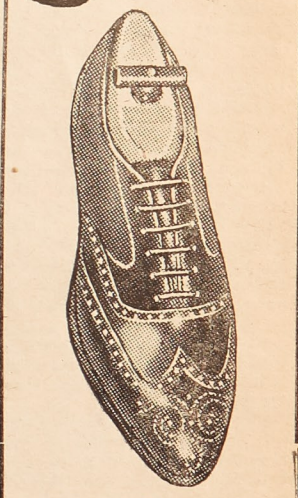
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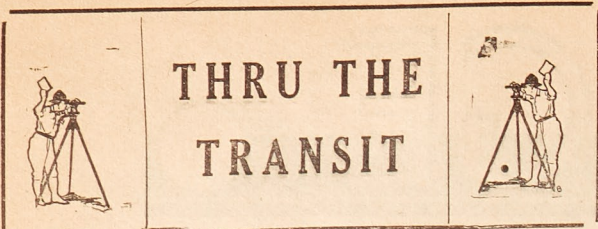


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MOST STYLES

**Busy Bee**





Things happened so fast that the writer himself could not see them. (Tired)—Sea Food Dowling is again inquiring whether he was coming or going when he ran into Harbour and Kelly. They didn't know either.

Who was that old boy pushing that equalizer into Harbours' mid-section until someone took it away from him? He was rather obnoxious all evening out at the Pennant. Better leave those things at home before you get hurt.

If more frats would celebrate Dad's Day as the Kappa Slugs did, more dads would come to Rolla to celebrate the occasion, the coming year.

George Fort and Romance Romine also broke down a little to telling jokes that would drive a salesman to eating his own samples. That one armed piccolo player sometimes makes a person wonder, but I swear that I didn't see the piccolo, let that soup-strainer enlarge a bit Kiser and I'll sign you up with Auggies Hungry Five.

Best saying of a long time was Wade D. Waters telling Post that he is tired of laughing at his jokes.

Someone in Rolla is being threatened with a lawyer again. Thirty years, at least, behind the bars reading Out Door Life, How to Spend Your Vacation and Liberty.

Pearl was seen in a lovely nook kissing a recent St. Pats queen on the shoulder; and elsewhere.

Who were those boys that started to engage in a fist combat and when they go down to action, they looked like two drunks trying to tell each other a joke?

What gave Summers and Tripod the idea of going rowboating in the Frisco Pond the other morning using a tree as a schooner? Wonder if they found an axe?

Why doesn't Ladd break down and give some of the boys a break with that fair damsel of his? Why has Brent been keeping out of circulation? One of our local belles proceeded to go to St. James with four of our boys and when they arrived there, the boys found their regulars and the Rolla gal was left out in the cold. She now has no further communication with any of them. Wonder if Sears and Machens had anything to do with it?

How is that ticklish proposition between Cameron and Hill coming along? Wonder how the ride was enjoyed by Hanes and Kuhne last Thursday night. It took Hanes five hours to mail a letter, and when he got back home he found that he forgot to mail it after all. Wonder where Kamper found that smile of his he uses on a Sunday morning, he must pretend he feels better than he appears.

Who were the two suckers that boarded a bus for Cuba and when they got there the girls were already being entertained?

Kilgour and Procter seen one evening taking care of each other, and they were both wrong. Also seen was Vandergriff setting in a booth arguing with someone sitting opposite him, but there appeared to be no one sitting there.

What did Phil Young's speech consist of in a nightspot in Detroit? Was it something concerning Arkansas? What does Berwick think of himself for going around in a daze? Was it the petite frail (Scotch) in the big city? Miller seemed to be thoroughly absorbed in hardness of metals and then went out and absorbed himself in fluid flow. How's the head Jim? While on the trip Tushman floored himself with an Irish job. Oberbeck suddenly taking interest in the art of disrobing at the operatic abilities of Detroit. Shanfeld showing an interest in taxi-dancing. Bolotsky enjoying the trip (taking notes). Although competition is fairly tough in Rolla as far as dates are concerned the boys should not revert to robbing the cradle. They could at least pick on those over the middle teens.

Now that we have won a football game worth winning we could have a rally or the freshman could parade at the next home game. At the last bon-fire there were exactly twenty freshman holding up the school spirit. Very few of the students should complain of a foot-ball loss due to the fact that the support that the team receives from

the student body is practically nil. Many squawks were received as to the dance orchestra that played at the home-coming dance, and that the St. Pats Board could have done much better.

Wonder if we couldn't get Abe Unger's dad to come down here and coach next year. He was doing a swell job at the game, Saturday. We need a few students like him.

Tom Harsell sure surprised us all with the "gal for him" from Columbia. We say, take it away, Tom. Phil Blazovic seems to have been a little excited Saturday night. He seems to have had a little trouble, namely running into a parked car that belonged to one of the out-of-town dates of one of the boys at the house. Jim Miller got a good picture of Coach and the referee having words. How about putting a few on sale, so we can show a few of the know-it-alls that we have really got a swell coach.

Kelly spilling a full drink down the front of L. Edgar's skirt, and then telling her all about his girl down in Louisiana. Sounds like she's pretty nice, Kelly.

Mary Tyson must have really had some good stinkum on her hair the way everyone was putting their nose on her neck and wiffin'. Anybody Johnson and Weber liked it.

Freshman: "I hear that the water at your house is unfit for drinking."

Kirwin: "No, that is wrong because we filter it."

Freshman: "Yes?"

Kirwin: "Then we put chemicals in it."

Freshman: "Yes?"

Kirwin: "Then we made it positive that the harmful bacteria are removed."

Freshman: "Yes?"

Kirwin: "Then we go downtown and drink beer."

## YOU KNOW THEM TOO

By Jimmy Carr

For the last few years Blue Key, national service fraternity, on this campus has become increasingly active and has become a real asset to the school. At the present time the head of Blue Key is Herb Johnson who must sometimes do yeoman-like work to oversee all the services rendered by the organization. Herb has one virtue which few of us possess and which is almost a ticket to success for the possessor. Namely, it is the energy and willingness to work. Whatever job he undertakes, the sum total of this energies are used toward that end.

Like several other student leaders at M. S. M. this year, Herb left a farm to come to school. Training received on his father's farm, which is located near Morris, Ill., may account for his regular habits and zealotness.

Johnson, christened Earl Herbert, is a member of the Triangle fraternity and acts as their secretary. He is one of the news-hounds for the Missouri Miner, and is advertising chairman of the St. Pats Board.

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ANNABELLA is seen in her greatest role as one of the two loves of Ferdinand de Lesseps in "Suez", picture at the Rolla Theatre. Tyrone Power portrays the heroic visionary with Loretta Young as the other love that drove him to build the canal that has become the jugular vein of the world. Wednesday, Thursday & Friday, November 9-10-11

## Constitution Adopted by Alpha Phi Omega

At its second meeting of the current season, Friday 28th, the M. S. M. chapter of the Alpha Phi Omega adopted its constitution which is patterned after the National constitution. Also, at this meeting, the following officers were elected: L. Allen, President; W. Smothers, Vice-president; K. Bly, Secretary; J. Dreese, Treasurer.

Besides having been previously affiliated with the boy-scout movement, the applicant for membership must have been a student at M. S. M. for one semester and must have had attained a grade point average of at least .75 for that semester.

The purpose of the fraternity is to assemble the men of the M. S. M. campus in the fellowship of the Scout Oath and Law, to develop friendship, and to promote service to humanity.

A father and his two sons comprise the professional staff of the Franklin and Marshall College history department.

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## Prof. Butler Urges Support of 'No. 6'

Since January, 1934, graduate and undergraduate students and teaching staff members in Civil Engineering at the Missouri School of Mines have been engaged in county highway planning and mapping studies sponsored by the Missouri State Highway Department and the citizens' Road Association of Missouri. Since the formulation of a ten-year highway planning program, Professor Butler has been chairman of publicity for the Citizens' Road Builders Association of Missouri for Phelps County.

When asked why a road program was needed, Professor Butler answered, "The proposed amendment, incorporated in proposition No. 6, is designed as a substitute for the bill passed by the 1937 state legislature, at the recommendation of Governor Stark, raising the gasoline tax from 2 to 3 cents on a gallon. This was to become effective in December when the present constitutional limitation on increase in the gas tax will expire. Opponents of this measure, however, have filed petitions calling for a referendum on the law in the November elections. The action of the Citizens' Road Association was taken in order to combat this referendum and to submit a workable, comprehensive planned highway program to the people."

"Is the Citizens' Road Association a political group? Emphatically not. The Citizens' Road Association is a voluntary, non-profit organization of Missouri citizens interested in

roads. The program was approved at a statewide meeting of 900.

"The bill includes the following points and objectives:

A requirement that all past obligations be paid before further ones may be incurred; provision for division of available funds, after these fixed charges are deducted; a limitation on diversion to other departments other than the highway department of 2½ per cent of the annual road revenue; the addition of 5,000 miles to roads to the supplementary system needed during the next ten years on an equitable basis; authorization for a commission to construct or help finance the construction of highways into and through all cities and towns and to maintain such construction; provision for fixing the state tax on motor vehicle fuels at 3 cents a gallon and the state license fees for passenger cars at their present level for ten years; authorization for the state highway commission to add such traffic relief routes as may be necessary to meet traffic needs and relieve congestion in the vicinity of cities and to acquire right-of-ways for roadside parks, turnouts, parkways and freeways."

To the question, "What does the State Highway Department think of Proposition No. 6", Professor Butler replied that it was unanimously endorsed by the State Highway Commission and the State Highway Department engineers.

If Proposition No. 6 is adopted, at the end of ten year period with the decreasing rate of bond payments Professor Butler expects

that there will be sufficient available from current revenues set up an adequate state aid plan. "I had hoped to see the prime of state aid to counties for road building purposes included in proposition No. 6. However, problem for the next ten years, retiring a large portion of bonded highway debt while operating on a pay-as-you-go basis, not leave sufficient state highway income to set up an attractive aid plan. I am also convinced that the city voters do not favor a kind of state aid to the counties this time. By the end of the year period the city voters could sold on the idea of state aid. Therefore I am actively supporting proposition No. 6."

Besides several contributions "Missouri Road Problems" in the Builders' News and five articles on local road problems, Missouri, Professor Butler recently issued a bulletin entitled "County Highway Planning," Bulletin, General Series, Oct. 1937, vol. 30 No. 4).

As engineers and residents of State of Missouri, we are vitally interested in the experiments tried out by that government, as voters, but as future directors that government an dothers like

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