ALMA MATER

TO THY HAPPY CHILDREN
OF THE FUTURE
THOSE OF THE PAST
SEND GREETINGS
The quarterly meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9 o’clock a. m. on Saturday, June 12, 1926.

The following members were present: President Trees, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mrs. Ickes, Dr. Noble, Mr. Wham.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of May 15, 1926. On motion of Mrs. Evans, the minutes were approved as printed on pages 587 to 603 above.
tion of $130 for the session, and Chaperone of the Woman's Residence Hall Annex, from September, 1926, to June, 1927, at a compensation of $400 for the period.

On motion of Mrs. Evans, this recommendation was concurred in.

**ELECTRIC WIRING FOR ARMY**

(2) A statement concerning the bids on the electric wiring for the Armory Addition and the Library Stack room (pages 640, 641):

On Saturday I submitted recommendations from the Supervising Architect concerning the award of contracts for the electrical work in the additions to the Armory and the Library. These contracts were awarded to the Marrs-Tanner Electric Company. The Supervising Architect has sent me a letter today in which he states that by some oversight one of the bids, that of the Hatfield Electric Company of Indianapolis, duly submitted in accordance with the specifications for the submission of bids on this work, was overlooked when the bids were opened in his office on the afternoon of the 12th. This bid is $6718 for the Library wiring and $7580 for the Armory, with deduction of 2½ percent if both bids are accepted. Professor White further states that the Hatfield bid was received and recorded in his office on June 10. The certified check for $430, enclosed in the letter was certified by the Merchants' National Bank of Indianapolis on June 9. He then states, “The bid was mislaid in my office and not opened with the other bids at two o'clock on the afternoon of the 12th. The bids in both cases are over $1000 lower than the low bid as listed when the other bids were opened.” Professor White further says, “I called Mr. Tanner of the Marrs-Tanner Electric Company, on long distance on Saturday evening, as he was present when the bids were opened, and explained the situation to him.”

Professor White recommends that the vote of the Board on Saturday awarding the contracts for the electrical work for the additions to the Armory and Library be reconsidered and rescinded and that the award be made to the Hatfield Electric Company as being the lowest bidder. Professor White says that he will inform all the bidders of this incident, so that all may understand it.

The error is regrettable, but the procedure recommended by Professor White seems to me proper and I concur in his recommendation with the proviso that the facts be set forth in the Minutes as I have given them above and that all interested be duly informed.

On motion of Mrs. Evans, the action of June 12 (page 640, paragraph 29) was rescinded.

On motion of Mrs. Ickes, and in view of the fact that the records in the Supervising Architect's office show the receipt of this bid regularly and in due time, the contract for the electrical wiring for the addition to the Armory was awarded to the Hatfield Electric Company, the low bidders.

**ELECTRIC WIRING FOR LIBRARY**

On motion of Mrs. Evans, the action of June 12 (page 641, paragraph 32) was rescinded.

On motion of Mr. Armstrong, and in view of the fact that the records in the Supervising Architect’s office show that the bid from the Hatfield Electric Company was received regularly and in due time, the contract for the electrical wiring for the Library Stack Room was awarded to the Hatfield Company, the low bidders.

**BUDGETARY NEEDS FOR NEXT BIENNIAL**

(3) A request for a hearing of Director A. M. Shelton and the Directors of the State Scientific Surveys, and of the Deans of the colleges and the Directors of the schools of the University with respect to the budgetary needs for the next biennium.
Directors Shelton, Buswell, Forbes, and Leighton presented the need of a building to house the State Water Survey, the State Natural History Survey, and the State Geological Survey.

The needs of the respective colleges and schools were presented as follows: Engineering, Dean Ketchum; Commerce, Dean Thompson; Dentistry, Dean Moorehead; Pharmacy, Dean Day; Liberal Arts and Sciences, Dean Babcock; Education, Dean Chadsey; Law, Dean Harno; Graduate School, Dean Daniels; Library and Library School, Director Windsor; Music, Director Stiven; Physical Welfare, Professor Lundgren.

TIME OF JULY MEETING

The time of the July meeting was set as Wednesday, July 7, 1926, at 10 o'clock a. m., at the Blackstone Hotel, in Chicago.

GRADUATE SCHOLARSHIPS

The Secretary presented for record the following additional list of graduate scholars for 1926-27, appointed by the President of the University.

Chemistry: OSCAR E. KURT Scholarship $300
Philosophy: RUDOLPH H. KAGEY Scholarship 300
Political Science: THOMAS J. WENNER Scholarship 300
Psychology: DAVID L. BIDWELL Scholarship 300

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented also for record a list of appointments made by the President of the University.

Alleman, N. J., Special Research Assistant in Engineering Materials in the Engineering Experiment Station, beginning June 15, 1926, and continuing until further notice, at a cash compensation at the rate of one hundred fifty dollars ($150) a month. (May 27, 1926)

Balser, J. E., Laboratory Attendant in Surgery, in the College of Medicine, for five months beginning April 1, 1926, subject to the rules of the Civil Service Commission, at a cash compensation of five hundred fifty dollars ($550). (May 14, 1926)

Casey, W. C., Associate in Political Science, for one year beginning September 1, 1926, at a cash compensation of two thousand five hundred dollars ($2500). (June 2, 1926)

Mills, Alice J., Stenographer in the Office of the Dean of the College of Liberal Arts and Sciences, beginning May 10, 1926, and continuing until September 1, 1926, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars ($90) a month. (May 17, 1926)

Smith, Mrs. Thelma C., Dispensary Nurse in the College of Medicine, for four months beginning May 1, 1926, subject to the rules of the Civil Service Commission, at a cash compensation of six hundred dollars ($600). (May 18, 1926)

On motion of Mr. Armstrong, the Board adjourned subject to the call of President Trees, in case it is found that the Budget is ready before the date set for the July meeting.

H. E. CUNNINGHAM
Secretary

MERLE J. TREES
President

*Declined May 30, 1926.
*The date in parenthesis is the date on which the appointment was made by President Kinley.
The December meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Saturday, December 15, 1934. The following members were present: President Williams, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mrs. Hopkins, Mr. Karraker, Dr. Meyer, Mr. Trees. President Willard was present.

MINUTES APPROVED
The Secretary presented the minutes of the meetings of September 22, 1934, October 12, 1934, with the adjourned session of October 20, 1934, and November 10, 1934; also, for record, the minutes of a meeting of the Executive Committee held November 10, 1934.

The minutes were approved and received for record as printed on pages 19 to 76 above.
The Comptroller reports that in accordance with the statutes of the Board the following loan funds have been merged into the Consolidated Student Loan Fund:

- Class of 1895 fund received June, 1895; present principal: $284.94
- Graduate Club loan fund received June, 1907; present principal: $172.35
- Automobile Show loan fund received September, 1931; present principal: $160.72
- Student Friendship fund, received December, 1933; balance received with the understanding that it be added to our Student Loan Fund; present principal: $34.12

Total: $652.13

On motion of Mr. Trees, this action was approved.

INDEPENDENT SURVEY OF THE UNIVERSITY BUDGET

The President presented a report of his conference with the Governor on December 8 on the proposed independent study of the University budget, ordered by the Board at its meeting on November 10. This matter was discussed, but no action was taken.

INVESTMENT OF ENDOWMENT FUNDS

Mr. Trees reported, for the Finance Committee, the investment of endowment funds as follows:

<table>
<thead>
<tr>
<th>Central Illinois Light Co.</th>
<th>Detroit Edison Co.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2,000 5%, 1943 @ 1073/4</td>
<td>$5,000 5%, 1949 @ 1083/4</td>
</tr>
<tr>
<td>$3,000 5%, 1943 @ 1073/4</td>
<td>$3,000 5%, 1952 @ 109</td>
</tr>
</tbody>
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</tr>
</thead>
<tbody>
<tr>
<td>$2,000 4%, 1946 @ 1053/4</td>
<td>$4,000 5%, 1953 @ 1083/4</td>
</tr>
<tr>
<td>$1,000 4%, 1946 @ 1053/4</td>
<td>$2,000 5%, 1953 @ 109</td>
</tr>
<tr>
<td>$2,000 4%, 1946 @ 1053/4</td>
<td>$1,000 5%, 1953 @ 1093/4</td>
</tr>
</tbody>
</table>

On motion of Mr. Barr, this report was received for record, and the Finance Committee was authorized to invest $1,758, which is the amount of endowment funds not yet invested, in suitable securities.

At this point, Mr. Trees withdrew.

The Board resumed its consideration of matters presented by the President of the University.

PROPOSED BUILDINGS AT THE UNIVERSITY

A. A statement from Dean F. B. Noyes, of the College of Dentistry, concerning the completion of the Medical and Dental Laboratories Building.

B. A resolution from the Illinois Press Association concerning a building for the School of Journalism.

C. A statement from Colonel Fred R. Brown, Professor of Military Science and Tactics, concerning a riding hall or armory annex for the Reserve Officers' Training Corps.

D. A resolution from the Illinois Mining Institute concerning a building for the State Geological Survey Division.

The first two items were presented to the Board at its meeting on November 10, but the time was too short to permit any extended discussion, and action on them was deferred until the present meeting. In the meantime copies of the statements presented and a brief history of the movement started by the Illinois Press Association to consider a building for the School of Journalism were sent to each member of the Board.
REPAIRS ON WELL NO. 8

(2) A report from the Director of the Physical Plant Department that Well No. 8 needs to be repaired, and that the estimate of the total cost of the work is between $3,500 and $4,000. He requests authorization to make these repairs and recommends that the Layne Western Company be employed to do the work since the Company is already on the ground engaged in drilling a new well.

I concur in these recommendations.

On motion of Mr. Barrett, these recommendations were adopted.

The Executive Committee adjourned.

H. E. Cunningham

Clerk

Marjorie R. Hopkins

Edward E. Barrett

SECOND SESSION OF DECEMBER 22, 1934

When the Board convened after the recess on December 22, 1934, the following members were present: Mr. Armstrong, Mr. Barrett, Mrs. Freeman, Mrs. Hopkins, Dr. Meyer. President Willard was present; also Director C. S. Havens, Dean D. J. Davis, and Dean F. B. Noyes. The following representatives of other organizations were present: Colonel Knowlton L. Ames, Jr., representing the Department of Finance; Professor W. A. Noyes, representing the Board of Natural Resources and Conservation; Dr. M. M. Leighton, Director of the State Geological Survey; Dr. T. H. Frison, Director of the State Natural History Survey; Mr. T. J. Thomas, representing the Illinois Mining Institute; Mr. C. C. Whittier, Secretary of the Illinois Mineral Industries Committee and President of the Western Society of Engineers.

NEED FOR MEDICAL AND DENTAL LABORATORIES BUILDING

On request of the Chairman, Dean Noyes and Dean Davis made statements concerning the urgent need for the completion of the Medical and Dental Laboratories Building. Director Ames made a statement concerning the financial situation of the State. The Board adjourned and those present went on a tour of inspection of the old Dental Building.

H. E. Cunningham

Secretary

J. W. Armstrong

Chairman
The January meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9:30 a.m. on Saturday, January 19, 1935. When the Board convened, the following members were present: Mr. Armstrong, Mr. Barr, Mrs. Freeman, Mrs. Hopkins, Mr. Horner, Dr. Meyer, and Mr. John A. Wieland, newly qualified Superintendent of Public Instruction and therefore ex officio a member of the Board, who was present for the first time.

President Willard was present; also, during part of the day, Professor Morey, Comptroller, and Mr. Havens, Director of the Physical Plant.

In the absence of President Williams, Mr. Barr was elected Chairman.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of December 15, 1934; and of the adjourned session of December 22, 1934; and of a meeting of the Executive Committee of December 22, 1934.

On motion of Mr. Armstrong, the minutes were approved and received for record as printed on pages 77 to 88 above.
Barr, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mr. Wieland; no, none; not voting, Governor Horner; absent, Mr. Barrett, Mrs. Hopkins, Mr. Trees, Mr. Williams.

On motion of Dr. Meyer, action on the installation of a new telephone system was deferred.

**REIMBURSEMENT OF MR. E. P. LEWIS**

(5) At the meeting of the Board of Trustees on December 15, 1934, a report was made by Mr. Barrett on the case of Mr. E. P. Lewis, formerly Associate in Olericulture, who was in charge of the University's Experiment Station at DesPlaines, Illinois, from May, 1924, to August 31, 1934. It was the opinion of Mr. Barrett's committee that the original agreement with Mr. Lewis provided not only that his salary should be $2,000 a year, but that a house and office would be provided. The committee recommended to the Board, and the Board unanimously concurred, that Mr. Lewis should be reimbursed for the money which he expended for living quarters and office from the time he was employed from May 12, 1924, to June 30, 1926, with the exception of the month of May, 1926, when the University furnished him a cottage. The total amount expended was $2,481.50.

Mr. Barrett recommends that the $2,481.50 be appropriated for this purpose and that the Comptroller be authorized to make payment to Mr. Lewis—the appropriation to be made as follows: $2,087.74 from the balance accumulated from receipts of previous years in the Cook County Experiment Station Fund and $393.76 from the General Reserve Fund of the University.

On motion of Mr. Armstrong, this appropriation was made, on condition that the General Reserve Fund of the University shall be reimbursed to the amount of $393.76 from funds of the Cook County Experiment Station when they accumulate, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Freeman, Mrs. Hopkins, Mr. Horner, Mr. Karraker, Dr. Meyer, Mr. Wieland; no, none; absent, Mr. Barrett, Mr. Trees, Mr. Williams.

At this point, a recess was taken.

**AFTERNOON SESSION, JANUARY 19, 1935**

When the Board convened for the afternoon session on January 19, 1935, the same persons were present as during the morning session.

**MATTERS PRESENTED BY PRESIDENT WILLARD**

The Board continued its consideration of matters presented by the President of the University.

**PROPOSED NEW BUILDINGS AT THE UNIVERSITY**

(6) In accordance with the instructions of the Board at its meeting on December 15, 1934, with reference to the requests which have been received that the Board include in its budget for 1935-37 provisions for certain buildings, a special adjourned meeting of the Board was held at the College of Medicine in Chicago on December 22, 1934, to which were invited representatives of the various organizations interested in these buildings. At that meeting the condition of the old Dentistry Building was observed and consideration was given to the needs of the Chicago Departments of the University. It was the plan that these same representatives be invited to attend the meeting of the Board today, to hear an explanation of the needs of the departments at Urbana and to inspect the existing facilities so that some conclusion may be reached as to the relative urgency of the various needs. Notices of the meeting were therefore sent to the following:

1. **General Building Program**
   - Honorable Knowlton L. Ames, Jr., Director of Finance
   - Director Charles S. Havens, Director of Physical Plant Department
2. Additional Unit for University Library
   Director P. L. Windsor, of the Library
   Professor H. S. V. Jones, Senate Committee on Library
   Dean R. D. Carmichael, of the Graduate School

3. School of Journalism
   Mr. W. A. Jolley, Jr., President, Illinois Press Association
   Mr. H. L. Williamson, Secretary, Illinois Press Association
   Mr. J. E. McClure, Chairman, Building Committee, Illinois Press Association
   Director L. W. Murphy, of the School of Journalism

4. Building for State Geological and State Natural History Survey Divisions
   Mr. John J. Hallihan, Director of Registration and Education
   Dr. William A. Noyes, Secretary, State Board of Natural Resources and Conservation
   Dr. William Trelease, Member, State Board of Natural Resources and Conservation
   Dr. M. M. Leighton, Director, State Geological Survey
   Dr. T. H. Frison, Director, State Natural History Survey
   Mr. C. J. Sandoe, President, Illinois Mining Institute
   Mr. B. E. Schoenthal, Secretary, Illinois Mining Institute
   Mr. T. J. Thomas, Illinois Mining Institute
   Mr. C. C. Whittier, Secretary, Illinois Mineral Industries Committee and President of the Western Society of Engineers
   Mr. D. F. Stevens, President, Acme Brick Company
   Mr. Hugo Philippi, General Manager, Illinois Brick Company
   Mr. W. D. P. Warren, Warren & Van Praag
   Mr. W. T. Lodge, Isaac Walton League of America

5. Building for Mining and Metallurgy
   Dean M. L. Enger, of the College of Engineering
   (Represented by Associate Dean H. H. Jordan)
   Professor A. C. Callen, of the Department of Mining and Metallurgy

6. Riding Hall or Armory Annex
   Colonel Fred R. Brown, Infantry, Professor of Military Science and Tactics
   Major A. B. Conard, Associate Professor of Military Science and Tactics
   Major Ray L. Burnell, Associate Professor of Military Science and Tactics

7. Power Plant Building
   Director C. S. Havens

8. Medical and Dental Laboratories Building
   Dean D. J. Davis, of the College of Medicine
   Dean F. B. Noyes, of the College of Dentistry

The following tour of inspection has been arranged by the President and Secretary of the Board:

2:00 p.m. Meet in Trustees' Room, 354 Administration Building, Urbana. Introduction of persons present and statement by the President of the Board.

3:00 p.m. Inspection of Library.
3:20 p.m. Inspection of School of Journalism.
3:40 p.m. Inspection of Natural History Survey.
4:00 p.m. Inspection of Power Plant.
4:10 p.m. Inspection of Mining Laboratory.
4:30 p.m. Inspection of Geological Survey.

Mr. Barr introduced the following representatives of the various interests: Director Hallihan, Dr. W. A. Noyes, Dr. Trelease, Dr. Leighton, Dr. Frison, Mr. Thomas, Mr. Whittier, Mr. Lodge, Mr. Stevens, Mr. Warren, Mr. Jolley, Mr. McClure, Director Murphy, Colonel Brown, Major Burnell, Director Windsor, Dean Carmichael, Professor Jones, Dean Jordan, Professor Callen, Director Havens,
Dean Noyes. All made statements supporting their requests for buildings except Dean Noyes, who had been given a hearing at the meeting on December 22.

Governor Horner requested an opportunity to make a statement. This request was granted, and Governor Horner then expressed his sympathy with the several projects presented, and stated that in his opinion they were all worthy projects and should be provided for as soon as possible. He then outlined briefly the condition and the probable income of the State for the next biennium, particularly the demands for relief, and said that he could not at the present time see any possibility of obtaining funds for buildings for the State departments.

The representatives of the departments and divisions requesting appropriations for buildings withdrew, and the Board continued its consideration of matters presented by the President of the University.

SALINE DRAINAGE DITCH IMPROVEMENTS
(7) A report from the Director of the Physical Plant Department that assessment for the improvements in the ditch of the Saline Branch Drainage District, which includes practically all of the main campus of the University, has been approved by the Court and the assessment has been spread on the assumption that the University would pay the amount of $6185.38, which is estimated as its share. The total estimated cost of this improvement is $69,000. The Director of the Physical Plant Department is of the opinion that the University will be benefited by this improvement if the work is carried out as shown in the plans and specifications.

On motion of Dr. Meyer, the Board voted to express its willingness to accept this responsibility. Governor Horner asked to be recorded as not voting on this motion.

USE OF NEW GYMNASIUM FOR PRESIDENT’S BIRTHDAY BALL
(8) A committee, representing organizations in Champaign and Urbana, and in Champaign County, has been granted the use of the New Gymnasium January 30 for a ball commemorating the birthday of President Franklin D. Roosevelt. The proceeds of the ball will be used for the benefit of sufferers from infantile paralysis—thirty per cent of these proceeds will go to the national fund and seventy per cent will be retained for local benefits. The committee asks that it be permitted to use the building without the customary charge for labor and other services involved.

The Director of the Physical Plant Department estimates that the maximum cost of labor and material necessary in preparation of the New Gymnasium for this affair will be $310. This includes the removal of bleachers, basket ball standards, and other gymnasium equipment to the basement and setting it up again after the dance, which will cost $150. The Athletic Association has offered to assume this expense which would make the cost to the University $160.

On motion of Mrs. Freeman, the use of the New Gymnasium was granted without charge for this purpose.

SCHOLARSHIPS AND FELLOWSHIPS
(9) The Dean of the Graduate School submits the following recommendations concerning scholarships and fellowships for the year 1935-36:
1. That the sum of $25,000 be appropriated for the support of scholarships and fellowships for the academic year 1935-36.
2. That fellows and scholars be exempted, as hitherto, from the payment of tuition, incidental, and laboratory fees.
3. That such exemption be extended to include fees for undergraduate courses whenever the student’s adviser certifies, and the Dean of the Graduate School agrees, that such courses are necessary or desirable in the student’s program.
The adjourned session of the February meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Saturday, February 23, 1935. When the Board convened, the following members were present: President Williams, Mr. Armstrong, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer. Also present, by invitation, were Mrs. Plumb, Mr. Pogue, and, during part of the day, Mr. Mayer, members-elect.

President Willard was present.

MINUTES APPROVED
On motion of Mr. Armstrong, the minutes of the meeting of January 19, 1935, were approved as printed on pages 89 to 102 above.
(4) To print and distribute the rules and regulations promulgated by it among the institutions qualified hereunder to receive animals for research purposes and require that the same shall be posted in the laboratories, in plain view at all times.

(5) To prepare a biennial report and file the same in the office of the Director of the Department of Public Health of the State of Illinois.

(6) To allocate only so many and such impounded animals as are necessary and useful for furthering knowledge regarding normal functions and means and methods of diagnosis and curing or preventing diseases in animals and human beings and in checking the spread thereof.

(7) To deny a further supply of animals to institutions violating the provisions of applicable statutes, or ordinances, or its rules and regulations.

SEC. 8. The poundkeeper shall keep the animals subject to this Act for such a period as may be required by the local ordinances or resolutions, in order to give the owner an opportunity to identify and reclaim the animals, but such poundkeeper shall not dispose of such animals except to the institutions qualified hereunder and to which they have been allotted, and which shall have made, or been afforded an opportunity to make, a selection of animals in accordance with the rules of the commission, if notice has been given him that any institution to which an allotment of animals has been made is prepared to receive them at or prior to the expiration of the detention period. The expense of taking away such animals shall be paid by the institution receiving the same.

SEC. 9. Any violation of this Act shall be a misdemeanor punishable by a fine of not less than $100.00 and not more than $500.00.

On motion of Dr. Meyer, the Board voted to endorse this bill as prepared.

REPORT OF UNIVERSITY BUILDING PROJECTS TO STATE PLANNING COMMISSION AND NATIONAL RESOURCES BOARD

(9) A report that in response to a request from Honorable Robert Kingery, Director of the State Department of Public Works and Buildings, and Chairman of the State Planning Commission, a list of possible building projects at the University was sent to him for inclusion in the Commission's report to the National Resources Board of worthy public works in Illinois which might be financed by federal funds.

Medical and Dental Laboratories .............. $1,400,000
Library Stacks .................................. 350,000
Mining and Metallurgy Laboratory .......... 50,000
Power Plant ..................................... 750,000
Improvements to Water System .............. 100,000
Armory Annex .................................. 400,000

Total, University ................................ $3,050,000

State Surveys Building ....................... 825,000
Journalism Building .......................... 350,000

Grand total ................................... $4,225,000

This report was received for record.

FIRE HAZARDS IN CHEMISTRY BUILDING

(10) A report of the fire hazards existing in the old part of the Chemistry Laboratory Building due to the type of construction. The west end of this building was constructed in 1902 and is practically entirely of wood. The wooden roof trusses on the fourth floor are carried through the ducts of the hoods which must be used in heating materials which give off poisonous gases, so that as a precautionary measure it will be necessary to put a night watchman on duty.
ADJOURNED SESSION, APRIL 20, 1935

When the Board met, pursuant to adjournment, on April 20, 1935, at 9:30 a.m., at the Blackstone Hotel, in Chicago, the following members were present: President Williams, Mr. Barr, Mrs. Freeman, Dr. Meyer, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Professor Lloyd Morey, Comptroller.

MINUTES APPROVED

On motion of Mr. Pogue, the minutes of the meeting of March 12, 1935, were approved as printed on pages 145 to 156 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Board considered the following matters presented by the President of the University.

APPROPRIATION FOR PREMIUM ON TREASURER’S BOND

(1) A request from the Secretary that an appropriation of $750 be made from the General Reserve Fund to meet an increase in the premium on the bond of the Treasurer for the biennium. The standard rate for such bonds has been increased $2.50 to $4.00 a thousand. The appropriation in the budget for this year was based on the lower rate. I recommend that the appropriation be made.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, Mr. Barr, Mrs. Freeman, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Williams; no, none; absent, Mr. Barrett, Mr. Horner, Mr. Karraker, Mr. Mayer, Mr. Wieland.

APPROPRIATION FOR RADIO STATION

(2) A recommendation that an appropriation of $500 be made from the General Reserve Fund to the Radio Station to supplement the budget for current expense for the year 1934-35.

On motion of Dr. Meyer, this appropriation was made, by the following vote: Aye, Mr. Barr, Mrs. Freeman, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Williams; no, none; absent, Mr. Barrett, Mr. Horner, Mr. Karraker, Mr. Mayer, Mr. Wieland.

APPROPRIATION, DEPARTMENT OF HORTICULTURE

(3) A recommendation that an appropriation of $2,793 be made to the Department of Horticulture from the unused balance of the income of that department remaining at the close of the year 1933-34 for the purchase of necessary equipment.

On motion of Dr. Meyer, this appropriation was made, by the following vote: Aye, Mr. Barr, Mrs. Freeman, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Williams; no, none; absent, Mr. Barrett, Mr. Horner, Mr. Karraker, Mr. Mayer, Mr. Wieland.

At this point, Mr. Mayer took his place with the board.

REQUEST FOR APPROPRIATION FOR TENNIS COURTS

(4) A request from the Director of the School of Physical Education that an appropriation of $3,000 be made for the construction of tennis courts and the resurfacing of certain existing tennis courts to increase the recreational facilities for students, particularly for women. The Athletic Association expects to spend a good deal of money in preparing the foundation and drainage for rebuilding these courts. It is estimated that the $3,000 will cover half the cost of laying the asphalt on from ten to thirteen courts. The Director proposes to rebuild at least ten and possibly thirteen courts if the funds will permit.

Action on this matter was deferred.
FEDERAL FUNDS FOR UNIVERSITY BUILDINGS

(22) A letter from Director C. S. Havens concerning requests made for plans for the State Surveys building, to be used in supporting an application to the Federal government for a grant of money to construct the building.

On motion of Mr. Barr, the President of the University was authorized to take such steps as he may consider necessary to support with plans the requests for grants from the Federal government of money for buildings, in the following order of need: (1) Completion of Medical and Dental Laboratories Building; (2) Addition to Library Stacks; (3) Mining and Metallurgy Laboratory; (4) Surveys Building; (5) Press Association Building; (6) Military Riding Hall; such buildings to be located on the campus at places to be designated later by the Board of Trustees.

At this point, Dr. Meyer withdrew.

FIRE AT EXPERIMENTAL GAS PLANT

(23) A report that on March 22 the experimental gas plant (a small building erected on the south campus to house equipment for experimental work on the production of gas from corn stalks) was destroyed by fire. The estimated damage, including equipment, is $1,200. Practically all of the expenditures for this plant were from Federal (Purnell) funds.

This report was received for record.

PURCHASE OF TRUCK FOR FIRE PROTECTION

(24) A report from Director C. S. Havens concerning the condition of the University's facilities for protecting its property against fire damage and a request for authority to purchase a small truck to serve as a temporary fire truck and for use in making routine inspections until permanent fire-fighting equipment can be purchased.

This purchase was authorized.

FIRE PROTECTION

(25) In accordance with the instructions of the Board on February 23, 1935, watchmen have been assigned to the Chemistry Building to guard against fires. This has necessitated an addition of $670 in the operating budget of the Physical Plant Department for the balance of the current fiscal year and will require an additional provision of $2,000 a year in the future. On February 23 the matter of fire protection in the old part of the Chemistry Building was referred to the Committee on Buildings and Grounds for special attention (Minutes, page 132).

On motion of Mrs. Plumb, the Committee on Buildings and Grounds was requested to study this matter and to report to the Board.

APPROPRIATION FOR STEAM LINE IMPROVEMENTS

(26) A recommendation from the Director of the Physical Plant Department that the following improvements in the steam distribution system be authorized and that an appropriation of $2,330.00 be made for this purpose:

(A) Steam Line to North Greenhouse. ............................................. $1,330.00

This includes (1) extension of 220-volt 3-phase power and 110-volt light service from T.A.M. Building to North Greenhouse in 4-cell clay conduit; (2) extension of 3" low-pressure steam main from T.A.M. Building to North Greenhouse in 5"-bore wood log; (3) connecting vacuum pump at Greenhouse and running 1 1/2" return main back and connecting to existing conduit line from E.E. Laboratory in 4"-bore wood log; and (4) building new 2-compartment manhole, replacing existing steel sump.

(B) Recovering 708 lineal feet of 10" low-pressure steam main in tunnel with 2"-thick 85% magnesia pipe covering .................................... $1,000.00

Total .................................................................................. $2,330.00
II. In case funds for fellowships be extended beyond the three-year period, notice to this effect shall be given on or before the first day of September prior to the termination of the third-year period.

These conditions have been approved by the Graduate School Research Board and are in accordance with suggestions made by the University Counsel and myself. I recommend acceptance of this offer and approval of the above conditions.

On motion of Mr. Barr, this gift was accepted as recommended.

ADJOURNMENT TO APRIL 27, 1935

On motion of Mr. Pogue, the Board adjourned to meet at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Saturday, April 27, 1935.

H. E. CUNNINGHAM
Secretary

WALTER W. WILLIAMS
President

ADJOURNED SESSION, APRIL 27, 1935

When the Board convened on Saturday, April 27, 1935, at 10 o'clock a.m., at the Blackstone Hotel, in Chicago, the following members were present: President Williams, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Professor Morey and Mr. Janata.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Board considered the following matters presented by the President of the University.

OPERATING BUDGET FOR 1935-1937

(1) As required by law, the University submitted a tentative budget for 1935-1937 to the State Department of Finance before November 1, 1934, following a careful study and consideration of the needs of the University which had been under way for several months. On November 10, 1934, the Board voted to secure "the services of a board or committee of qualified persons not connected with the University to survey the proposed budget as prepared by the University for the biennium 1935-1937, and report to the Board." Following conferences with the Governor, the Board retained the services of Dr. W. W. Charters, Director of the Bureau of Educational Research at the Ohio State University, and Mr. Arthur Andersen, of Arthur Andersen & Co., Auditors and Accountants, Chicago, to make this examination of the budget.

On April 7, 1935, Messrs. Andersen and Charters sent to each member of the Board a summary of their conclusions. They and their associates then appeared at the Board meeting on April 10 to discuss their conclusions and their report in detail with the Board. At that meeting the Board instructed me to give careful consideration to the report of the Budget Survey Committee and to review especially the items relating to salary restorations and increases.
A statement concerning a conference with the Chiefs of the State Geological and State Natural History Surveys relating to their plans to secure Federal funds for the construction of a building for the State Surveys.

Action on this matter was deferred.

On motion of Mrs. Freeman, the Chairman of the Committee on Chicago Departments, the Chairman of the Committee on Buildings and Grounds, and the President of the University were requested to confer with the Director of the State Department of Public Works and Buildings to promote the construction of the Medical and Dental Laboratories Building from Federal funds.

STATUS OF PROFESSOR H. M. WESTERGAARD

At a previous meeting of the Board an informal report was made that Dr. H. M. Westergaard, Professor of Theoretical and Applied Mechanics, had been offered a professorship on the engineering faculty of a distinguished university. The Board had informally agreed that Professor Westergaard's salary should be increased to $6,000 a year beginning September 1, 1935, and I request confirmation of this arrangement.

On motion of Mrs. Freeman, this action was confirmed.

APPOINTMENT OF WILLIAM VERNON REED TO PLYM FELLOWSHIP IN ARCHITECTURE

A recommendation from the Plym Fellowship Committee that William Vernon Reed, 4117 37th Street, N.W., Washington, D.C., be appointed the Twenty-Second Plym Fellow in Architecture subject to the usual regulations and that Jedd S. Reisner, 224 East 47th Street, New York, has been designated as alternate in case Mr. Reed finds it impossible to accept. I concur in the recommendation of the Committee.

On motion of Mr. Barrett, these recommendations were adopted.

TREASURER'S REPORT

The Secretary presented the report of the Treasurer.

March 22, 1935

Mr. H. E. Cunningham, 358 Administration

Dear Mr. Cunningham:

With reference to the request of the Board at its last meeting for a report from Mr. Frank M. Gordon as Treasurer of the University as of March 12, 1935, I am transmitting to you at the request of Mr. Gordon a statement of his general account from the time of the last report made to the Board July 1, 1933 to March 11, 1935. I have verified this statement and found it correct and have endorsed it accordingly.

With respect to the F.E.R.A. account covering the operations of funds for student employment received from the Federal government, the canceled checks are returned monthly to the F.E.R.A. office. For that reason, Mr. Gordon has sent a certificate of the balance in that account as of March 11 and I have appended thereto a statement of the receipts and disbursements of that account as shown by my books. The difference between the balances of these two statements is represented by outstanding checks as of the date of the report. Because the checks are not returned to me, I have no opportunity to reconcile this difference. However, since the F.E.R.A. office receives reports both from the Treasurer and from me each month and since it has reported no difference between the two accounts, I assume that they are in agreement.

Cordially yours,

Lloyd Morey
Comptroller
RECEIPTS:

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TOTAL RECEIPTS: $144,563.74

DISBURSEMENTS:

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TOTAL DISBURSEMENTS: $144,089.75

BALANCE ON HAND:

Balance on hand March 11, 1935 (as per books of the Comptroller) $473.99

LLOYD MOREY
Comptroller

The Board adjourned.

H. E. CUNNINGHAM
Secretary

WALTER W. WILLIAMS
President
Quotations were also requested, but none were received, from the following:

- Robert Holmes and Bros., Inc.
- Mississippi Valley Structural Steel Company
- A. M. Castle and Company
- James G. Heggle and Sons, Inc.
- Hamler Boiler and Tank Company

I recommend that the tanks be purchased from the Leader Iron Works, the lowest bidder, at a price of $1,134.50. Funds are available in the budget of the Physical Plant Department for this purpose.

On motion of Mr. Mayer, this purchase was authorized as recommended.

REPORT OF PURCHASES

(10) The following report of purchases approved pursuant to the action of the Board of Trustees, on May 22, 1934:

One tank car (10,000 gal.) of gasoline from the Ohio Oil Company at $1.009 a gallon, including state tax and freight. Competitive quotations were secured and of the three low bids the order was given to the Ohio Oil Company because shipment will be made from its refineries at Robinson, Illinois.

On motion of Mr. Barrett, this purchase was approved.

PURCHASE OF LIVESTOCK

(11) A recommendation that the following purchase be authorized:

Seventy steers from the Producers Commission Association, Kansas City, Missouri, at a cost of $3,295.70, for the Department of Animal Husbandry.

On motion of Mr. Mayer, this purchase was authorized.

PLANS AND SPECIFICATIONS FOR STATE SURVEYS BUILDING

(12) A report of a conference with the Chiefs of the State Geological and Natural History Surveys concerning the plans and specifications for the proposed Surveys Building.

This report was received for record.

EMERGENCY STUDENT LOAN FUND

(13) The Illinois Emergency Relief Commission, through which the University receives funds from the Federal Emergency Relief Administration for the part-time employment of students, has advised the University that no more funds will be available for this work after April 30, until further notice. Approximately 1,189 students are employed on various projects at an average wage of fifteen dollars a month. The employment program for the academic year 1934-35 will be discontinued on June 8 in any case, so that if the Federal Emergency Relief Administration does not assign any funds for this purpose to Illinois between now and that date it will be necessary to find some means of helping these students for the last six weeks of the semester. In some cases the departments will be able to take over the projects and pay the wages of the students thus employed out of departmental funds, but in many cases other arrangements must be made to help the students during this period.

There is an available balance of approximately $31,000 in student loan funds. Some of these funds are restricted, by the original deeds of gifts, in such ways that immediate action on applications is not possible. There is available in emergency loan funds approximately $1,300, and there are other loan funds on which restrictions do not apply and in which there are balances available to the extent of about $5,000.

The Comptroller recommends that the Board authorize a temporary assignment of $5,000 from regular loan funds to emergency loan funds to provide loans needed by students now under Federal Emergency Relief Administration employment whose employment cannot be continued by the departments, and
When the Board convened at the St. Nicholas Hotel, in Springfield, at 11 o'clock a.m. on Friday, May 10, 1935, the following members were present: President Williams, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

President Willard was present; also Professor Morey, Judge Johnson, and Mr. Janata.

President Williams requested Mr. Barr to preside during the meeting.

**MATTERS PRESENTED BY PRESIDENT WILLARD**

The Board considered the following matters presented by President Willard.

**ACCRREDITING HIGH SCHOOLS**

(1) On April 8, 1925, the Board of Trustees adopted certain recommendations from the University Senate concerning the accrediting of high schools. These recommendations included a statement of the standards and conditions to be required of high schools seeking to be accredited.

On May 25, 1931, the University Senate created a standing “Committee on Admissions from Secondary Schools” which has had, since that time, general supervision of the accrediting of the high schools of Illinois although there is nothing in the records to indicate that the Board of Trustees has given approval to the action of the University Senate in appointing such a committee and in giving it authority to supervise the accrediting of high schools. The High School Visitor and the Registrar are members of this Committee.

It is desirable that this Committee be given official recognition by the Board of Trustees and that its duties and powers be defined, so that it may function more effectively. Accordingly, I recommend that:

1. There shall be a Committee on Admissions from Secondary Schools which shall be a committee of the University Senate and which shall consist of not fewer than five nor more than seven members. No two members shall be from the same department and not more than two members shall be from any one college of the University. The High School Visitor and the Registrar shall be members of this Committee. The High School Visitor shall be, ex officio, its Secretary.

2. The Committee on Admissions from Secondary Schools shall supervise the accrediting of high schools by the University of Illinois for admission to the University of Illinois. It shall be the duty of this Committee to determine, with the approval of the University Senate, the conditions for the accrediting of high schools, to specify the criteria by which they shall be evaluated, to give advice and guidance to the secondary schools, and to encourage and promote the development of sound educational policies pertaining to secondary education in the State of Illinois. The High School Visitor, with the approval of the Committee on Admissions from Secondary Schools, shall publish information pertaining to the accrediting of high schools and such other material as may appear necessary to fulfill the functions of the Committee.

On motion of Mr. Mayer, the President of the University was authorized to arrange for the accrediting of high schools for the admission of their students to the University in accordance with the general educational policies established by the University Senate and approved by the Board of Trustees.

**PROPOSED STATE ROAD BELT ROUTE**

(2) A statement from the Director of the Physical Plant Department concerning the proposed State Road Belt Route which would cross the University
campus, according to present plans, together with an opinion of the proposal by Dean H. W. Mumford of the College of Agriculture.

On a chart prepared by Director Havens, which is attached, Route 1, running east and west at the extreme south line of the Horticulture tract, carrying it due west to a new underpass at the Illinois Central tracks, is preferred by the faculty of the College of Agriculture, and Routes 2 and 3, north of Route 1, are definitely rejected.

On motion of Mr. Wieland, the Board approved the selection of Route 1, as shown on the chart, and went on record as opposing Routes 2 and 3.

UNIVERSITY BUDGET FOR BIENNium 1935-1937

(3) A statement concerning the University budget for the biennium 1935-1937.

Mr. Morey presented the statement.

CAPITAL EXPENDITURES

On motion of Mr. Williams, the Board voted to include in its budget a request for an appropriation from the General Revenue Fund of $350,000 for an addition to the Library Stacks and $50,000 for the Mining and Metallurgy Laboratory, with the understanding that income from arrears in the mill tax, to the extent it may be received, may be credited to the General Revenue Fund to reimburse that fund for these items; the Medical and Dental Laboratories Building remains first on the list, but efforts are being made to secure Federal funds for this building and for the Surveys Building.

At this point, at 1:15 p.m., the Board recessed for luncheon, to convene again at the Governor's Mansion at 3 p.m.

AFTERNOON SESSION, MAY 10, 1935

When the Board convened at the Governor's Mansion, in Springfield, at 3 o'clock p.m. on Friday, May 10, 1935, all the persons were present who were present during the morning session; Governor Horner, Mr. W. H. McLain, and Mr. Alexander Wilson were also present.

UNIVERSITY BUDGET FOR BIENNium 1935-1937

The President of the University made a statement of the needs of the University, and requested the Comptroller to present the detailed statement and supporting schedules, including both the operating budget and the capital items mentioned above.

The budget was discussed at length.

A recess was taken, for dinner, at 7 p.m.

EVENING SESSION, MAY 10, 1935

When the Board convened again, at 10:30 p.m., at the St. Nicholas Hotel, in Springfield, the following members were present: President Williams, Mr. Barrett, Mr. Mayer, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. Morey, and Mr. Janata.
The June meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Saturday, June 15, 1935.

When the Board convened, the following members were present: President Williams, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

President Willard was present; also Mr. F. M. Gordon, Professor Morey, Judge Johnson, and Mr. Janata.

MINUTES APPROVED
The Secretary presented the minutes of the meeting of April 10, 1935, and of the adjourned sessions of April 20, April 27, May 6, May 10, and May 18, 1935.

On motion of Mr. Barr, the minutes were approved as printed on pages 157 to 202 above.
aside out of Residence Hall income and in accordance with action of the Board (Minutes, June 15, 1934, page 586).

Book paper (500 reams, 60#; 350 reams, 70#; 125 reams, 45#—all "A" grade English Finish) from the Dwight Brothers Paper Company, the lowest of nine bidders, at a price of $3,637.63 f.o.b. Urbana. The paper is for publications of the Agricultural Experiment Station, and funds are available in its budget to cover the cost.

Eleven automobiles (8 coupes and 3 sedans)—the annual replacement of Federal Extension cars—from the E. V. Kirby Motor Company, at a cost of $2,704.64.

The action of the President of the University authorizing these purchases was confirmed.

**ENDOWMENT OF EDMUND JAMES LECTURES ON GOVERNMENT**

(22) Mrs. George E. Frazer, of Winnetka, Illinois, daughter of the late President Edmund James James, offers the amount of $5,000 as a permanent endowment of an annual public lecture in the field of government as a memorial to her father, under the following conditions:

1. This fund shall be known as "Edmund James Lectures on Government" and the lecturer shall be designated as "The Edmund James Lecturer on Government."

2. The income of the fund is to be used to pay the fee and travel expenses of the lecturer, and no part of the principal is to be used.

3. The University will provide a suitable place for the lectures, open to all students and faculty of the University.

4. The University will have the sole right to print and publish the lectures.

5. The lectureship shall be administered by a committee of the faculty including professors of political science and economics. This committee will make nominations of lecturers, will determine the amount of the fee to be paid, and will have charge of any other details of administration of the lectureship.

6. Should any lecturer waive the fee, or should any part of the income be unused in any year, it may be used to supplement the income of future years or added to the principal of the fund, according to the discretion of the Board of Trustees.

Mrs. Frazer is prepared to turn over to the University Government Bonds in the amount of $5,000 par value in a permanent trust fund as an endowment of this lectureship.

I recommend acceptance of this offer. Announcement was made of it at the Commencement exercises on June 10, and I have already written Mrs. Frazer expressing the appreciation of the Board of Trustees for her generous offer.

On motion of Mr. Wieland, this gift was accepted.

**GRANT FROM THE ROCKEFELLER FOUNDATION**

(23) A report that the Rockefeller Foundation has made a grant of $5,000 to the University for the researches of Professor W. C. Rose of the Department of Chemistry on amino acids during the academic year 1935-1936.

I recommend acceptance of this offer.

On motion of Mr. Barr, this grant was accepted.

At this point, Mr. Wieland withdrew.

**STATE GEOLOGICAL AND NATURAL HISTORY SURVEYS BUILDING**

(24) The following statement from the Building Committee of the State Board of Natural Resources and Conservation concerning the preparation of plans for the proposed new State Geological and Natural History Surveys Building, its financing, construction, and maintenance.
I. Plans:
   a. Preliminary plans and cost estimates are now being prepared in the
      Supervising Architect's office in the Department of Public Works. It was agreed
      that these would furnish an adequate basis for initial application to the Public
      Works Administration for Federal funds.
   b. It was agreed that final plans and estimates should be prepared by the
      Supervising Architect's office in consultation with the Physical Plant Depart-
      ment of the University in the manner covered by President Willard's letter of
      May 2 to Messrs. Leighton and Frison.
   c. Final plans and estimates shall be subject to approval and acceptance
      by the Department of Registration and Education and by the Board of
      Trustees of the University of Illinois.

II. Financing:
   a. It was agreed that application to the Public Works Administration for
      financial aid for the construction of the Surveys Building should be made by
      the State Department of Registration and Education. President Williams in-
      dicated his confidence that the Board of Trustees of the University would be
      glad to lend this application their full support.
   b. It was agreed that an item representing an equitable proportion of the
      cost of extension of service lines to the building should be included in the
      request for funds. Until the site of the building is finally selected this item
      will have to be tentatively estimated.
   c. It was agreed that a site for the building mutually agreeable to the
      University and to the Board of Natural Resources and Conservation should
      be provided by the University.
   d. It is understood that the University should assume no financial obliga-
      tions for the construction of the building.

III. Construction:
   a. It is understood that the duties of the State Architect's office shall
      terminate with the acceptance and approval of the plans by the Department of
      Registration and Education and by the Board of Trustees.
   b. The University of Illinois shall have complete supervision of the con-
      struction of the building, subject only to any restrictions imposed by the Public
      Works Administration.

IV. Maintenance:
   a. It was agreed that the full cost of operation and maintenance of the
      building should be borne by the University.
   I recommend approval of the plan, as outlined, with the understanding that
      the full cost of operation and maintenance of the building should be borne by
      the University.

   On motion of Mr. Barr, this plan was approved.

ARCHITECTURAL SERVICES FOR SECOND UNIT OF
MEDICAL AND DENTAL COLLEGE
LABORATORIES BUILDING

(25) The Director of the Physical Plant Department requests approval of the
following statement of the relationship between the University and Granger
and Bollenbacher, architects, who designed the second unit of the Medical and
Dental College Laboratories Building, if the construction of this unit is
undertaken.

(A) That the architects will furnish such architectural estimates, reports,
etc., as may be required by the government, as part of their professional
services, without change in the rate of pay provided by the contract, excepting
that if any substantial changes are required in the drawings or specifications
now completed, such additional work shall be paid for at a rate agreed upon
in advance;
The July meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. (Chicago time) on Friday, July 26, 1935.

When the Board convened, the following members were present: Mr. Barrett, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

President Willard was present; also Mr. Morey and Mr. Janata.

On motion of Mr. Barrett, Mr. Karraker was elected chairman, to preside until President Williams should arrive.

**MINUTES APPROVED**

The Secretary presented the minutes of the meeting of June 15, 1935.

On motion of Mr. Barrett, the minutes were approved as printed on pages 203 to 258 above.
OPERATION OF ILLINOIS UNION BUILDING

(38) A recommendation that the University take over the operation of the entire Union Building.

On motion of Dr. Meyer, the President of the Board was requested to appoint a special committee of three members to consider this matter and to report at the September meeting.

President Williams appointed Mr. Barrett, Mr. Karraker, and Mr. Pogue to serve on this committee.

SITE FOR STATE SURVEYS BUILDING

(39) A request from the Chiefs of the State Geological and Natural History Surveys that the Board of Trustees designate a site for the proposed building for the State Surveys.

On motion of Mr. Mayer, a site was assigned on the ground facing on Maple (Pennsylvania) Avenue, at its junction with Sixth Street, extended, and the matter was referred to the Committee on Buildings and Grounds, with power to act, to decide details such as the location of the building on the site and the amount of land to be allotted. It was the understanding of the Board that this assignment will be canceled unless the funds for the construction of the building are allotted in the near future.

At this point, Mr. Wieland withdrew.

PROPOSED JOURNALISM BUILDING

(40) A report from the Director of the School of Journalism concerning the proposed building for the School of Journalism and the Editors' Hall of Fame, which is being sponsored by the Illinois Press Association.

This report was received for record.

CLAIM BECAUSE OF DEATH OF STUDENT

(41) The following letter from Ritsos, Solomon, Ritsos, & Ritsos, Attorneys and Counselors:

Chicago, July 23rd, 1935

Board of Trustees, University of Illinois

GENTLEMEN:

I represent Mr. Louis Papagianc of Chicago, Illinois, whose son Charles L. Papagianc died on May 6th, 1935, as a result of injuries suffered while boxing at the University of Illinois.

I am informed that his death was brought about through the negligence of the University of Illinois and its agents in conducting this boxing tournament and I am instructed by Charles L. Papagianc's father and family to proceed to make some adjustment of this matter.

I would greatly appreciate if you gentlemen would review this matter and communicate with me so that we may make an amicable adjustment if possible.

Very truly yours,

RITSOS, SOLOMON, RITSOS & RITSOS

By: NICHOLAS RITSOS

Mr. Papagianc was a student in the College of Liberal Arts and Sciences. He was in a boxing tournament conducted by the School of Physical Education for students in physical education, and died on May 6, 1935, following a boxing match in which he participated.

I recommend that this matter be referred to the University Counsel.

On motion of Mr. Karraker, this recommendation was adopted.
The October meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 o'clock a.m. on Friday, October 25, 1935.

The following members were present: President Williams, Mr. Barr, Mr. Barrett, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. Janata, Assistant to the President.

MINUTES APPROVED
The Secretary presented the minutes of the meeting of September 28, 1935.

On motion of Mr. Barrett, the minutes were approved as printed on pages 389 to 430 above.
emergency expenses. The amount of this fund shall not exceed $500 at any
time unless authorization for a larger amount is given by the Board of Directors
or the executive committee. This fund shall be reimbursed from time to time
by a regular check of the Foundation on the presentation of itemized receipted
bills for expenses paid from it by the executive director.

SECTION 2. Traveling Expenses. The executive director shall be entitled
to reimbursement for necessary traveling expenses when away from the head-
quarters of the Foundation and on the business of the Foundation. The di-
rectors of the Foundation shall be entitled to their reasonably necessary traveling
expenses while coming to, attending, and returning home from meetings
of the Board of Directors.

SITE FOR STATE SURVEYS BUILDING

(16) At the meeting of the Board of Trustees on July 26, 1935 (Minutes, page
38), there was presented a request from the Chiefs of the Geological and
Natural History Surveys that the Board of Trustees designate a site for the
proposed State Surveys Building, so that the Department of Registration and
Education could negotiate with the Federal Government for the construction
of this building. The Chiefs suggested three sites, their first choice being the
north end of the Horticultural Tract at Pennsylvania and Lincoln Avenues.

This matter was referred by the Board to the Committee on Buildings and
Grounds with the power to act. The Committee met at the University on July
31 and inspected the several sites suggested and approved the request of the
Chiefs of the Surveys for the site indicated by them as their first choice, namely,
the north end of the Horticultural Tract. The Committee, acting for the Board
of Trustees, designated the site, under the following conditions:

1. The site is being designated at this time as a practical step to facilitate
the application of the Department of Registration and Education for Federal
funds for the proposed building. It should be distinctly understood that if this
building is not constructed as a federal public works project the Board of
Trustees reserves the right to withdraw this assignment.

2. The designation of this site must be considered tentative pending ap-
proval of the building plans by the Board of Trustees. Final approval of the
site cannot, therefore, be given until these plans are approved by the Board.

3. The land assignment on this site is the extreme north end of the Horti-
cultural tract and is limited to an area not to exceed 360 feet on Pennsylvania
Avenue and 200 feet on Lincoln Avenue and subject to further restrictions
upon final consideration.

4. It will not be practicable to extend steam lines to a building on this site,
for a number of years at any rate, because of the cost involved. Until other
buildings are erected in that area the University would not be justified in spend-
ing the amount of money which it would cost to extend the steam line to
Pennsylvania and Lincoln Avenues. Consequently, this site is assigned with the
understanding that a separate heating plant will be provided within the building
to be operated by the University, but the costs of which shall be shared by the
Department of Registration and Education and the University. Under this ar-
range of the University would give the Surveys credit for what it would cost
the University to furnish steam from its central plant if steam lines could be
extended to the building.

At a meeting of the Board of Natural Resources and Conservation held on
October 15, 1935, Dr. M. M. Leighton, Chief of the State Geological Survey,
submitted the following statement prepared by him on the status of this project:

"Director John J. Hallihan made an application to the Public Works Ad-
ministration during the early part of September for a Federal Grant of $675,000
for the construction of the State Natural Resources Building for the State
Natural History Survey and the State Geological Survey at the University of
Illinois, the State's share to be $825,000. The State Architect's office drew the
preliminary plans for the building on the basis of the statement of needs of the
two Surveys which had been approved by this Board, and after these plans had
been drawn, their estimates for the cost of this Building amounted to $1,300,000.
The cost of the equipment was estimated at $200,000, which made a total of
$1,500,000. The previous estimate by the Board was $925,000. There was no
time to revise the plans due to the advanced date for submitting applications.

"When Governor Horner was requested to include in his call for a special session a request for an appropriation for $825,000 for the State's share he indicated that he would be willing to approve an appropriation of $300,000 provided the Public Works Administration would give evidence of its interest in the matter for its share.

"The Public Works Administration has indicated its interest in this project as being a very desirable one and as one that meets their essential requirements, but since the Governor would not be willing to request more than $300,000 from the State Legislature it was evident to the Public Works Administration that there would have to be a radical revision of the plans and sketches. On this account they could not include the project in their active list but would include it in their substitute list. It therefore has seemed apparent that revised plans will have to be drawn and it is desirable that these should be prepared as soon as possible.

"The University Board of Trustees has now allotted ground for this building and it is desirable that these plans should be prepared with respect to this site and include a heating plant, as specified in President Willard's letter of August 1st."

This report was received for record.

HEADSHIP OF THE DEPARTMENT OF SURGERY
(17) A supplementary report concerning the headship of the Department of Surgery.

Dr. Julius H. Hess and Dr. H. A. McGuigan, who were introduced at this time, made statements concerning this matter.

The report of progress was accepted and the committee was requested to continue its work.

APPLICATION FOR FEDERAL FUNDS FOR JOURNALISM BUILDING
(18) A request for a hearing of representatives of the Illinois Press Association on their proposal to obtain a grant of $350,000 of Federal funds for the erection and equipment of a building for the School of Journalism.

This request was granted, and the members of the Building Committee, the Committee of Past Presidents, and other representatives of the Association, were introduced. Mr. J. E. McClure presented the request of the Association.

On motion of Mr. Barrett, the Board of Trustees voted to act as sponsor of the project for securing a grant of 100 per cent ($350,000) from Federal funds for the erection and equipment of a building for the School of Journalism.

OPTIONAL UNIVERSITY ROUTE ON GREEN STREET
(19) A request for a hearing from representatives of the chambers of commerce and the city administrations of Champaign and Urbana, to present the matter of an optional "University Route" on Green Street.

This request was granted, and Mr. Ray C. Sparks, Mr. W. Lloyd Keepers, Mr. Floyde D. Sperry, and Mr. Lyle H. Gallivan were introduced. Mr. Sparks presented the matter.

On motion of Mrs. Plumb, this matter was referred to the Committee on Buildings and Grounds for consideration and report.

At this point, Dr. Meyer withdrew.

IMPROVEMENT OF BONEYARD
(20) At its meeting on September 28, 1935 (Minutes, page 400), the Board voted to accept the University's proportion of the expense of the improvement of the Boneyard as a Works Progress Administration project. The City of Champaign as one of the sponsors of this project has submitted the following
The December meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Tuesday, December 15, 1936.

When the Board convened, the following members were present: President Karraker, Mr. Barrett, Mrs. Freeman, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Professor Lloyd Morey, Comptroller, Mr. A. J. Janata, Assistant to the President, and, during part of the day, Judge Sveinbjorn Johnson, University Counsel.

Since there was no quorum, the Board took a recess.
REPORT ON STATUS OF NATURAL RESOURCES BUILDING FOR STATE SURVEYS

(21) The Federal Emergency Administration of Public Works has approved a grant of $245,000 for a Natural Resources Building for the State Geological and Natural History Surveys. This is on the basis of a grant of 45 per cent by the Government, the applicant (in this case the State of Illinois) to supply the balance, or approximately $300,000, making the total cost of the building approximately $545,000.

This report was received for record.

BUILDING FOR SCHOOL OF JOURNALISM

(22) The following report was submitted to the Illinois Press Association at its meeting held at the University on November 12-14, 1936, by its building committee:

REPORT OF THE BUILDING COMMITTEE OF THE ILLINOIS PRESS ASSOCIATION

A report of our acts and doings was submitted to and approved by the Association at the meeting held in April of this year. We invite your attention to the concluding paragraph of that report, which is as follows:

"That marked a temporary conclusion of our efforts to secure funds. It is only fair to say that President Willard and the Board of Trustees have cooperated cordially and sincerely with us in our efforts. The next step is to secure an appropriation from the General Assembly which will convene next January. To that end we shall ask the University authorities to incorporate in their appropriation bill an amount sufficient to construct and equip the Journalism Building. That, we feel, will be cheerfully done. Then, next, to appeal to the members of the General Assembly for approval. In these endeavors we ask the active support of every member of this Association."

Since that time there has been no meeting of the committee and very little activity in behalf of our undertaking. It seemed wise to us to let the matter rest until the November meeting of the Association. We believe that now our cause should be energetically pressed; first, before the Board of Trustees, and, secondly, before the General Assembly.

All of which is respectfully submitted this fourteenth day of November, 1936.

J. E. McClure, Chairman
W. J. Smith
M. F. Walsh
C. S. Conger
H. C. Bailey
C. H. Williams
JOHN M. SHEETS

November 14, 1936

The University has received no official notice or resolution from the Association recently, but the report and recommendation of this committee is being brought to the attention of the Board for its information.

This report was received for record.

BONEYARD IMPROVEMENT AS A PROJECT OF THE WORKS PROGRESS ADMINISTRATION

(23) As previously reported to the Board (Minutes, September 28, 1935, page 400), the cities of Champaign and Urbana were interested in securing the cooperation of the University in the improvement of the Boneyard as a project of the Works Progress Administration. The City of Champaign is still interested in this improvement and has asked if the University will cooperate in the project. The Director of the Physical Plant Department has submitted information on the cost of this work, as estimated at the time the project was first presented to the Board a little over a year ago. The matter is presented to the Board for confirmation or modification of its previous attitude in this matter.

The Board did not modify its previous action on this matter.
The January meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Friday, January 29, 1937.

When the Board convened, the following members were present: President Karraker, Mr. Barrett, Mrs. Freeman, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Williams. Mr. H. M. Adams and Mr. J. M. Cleary, members elect, were present by invitation of the Board; Mr. Moschel was unable to attend.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, and Judge Sveinbjorn Johnson, University Counsel.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of December 15, 1936.

On motion of Mr. Barrett, the minutes were approved as printed on pages 125 to 144 above.
culture. The Committee believes that such an opportunity should be seized to build a new Abattoir and Meat Laboratory combined.

2. In the program of the first biennium (1937-1939) the first unit of a new Biology Laboratory is placed, after careful consideration, for three main reasons: (a) Necessity of providing quarters for some of the laboratory and research work now carried on under very unfavorable conditions, (b) Advisability of arranging as early as possible for the very desirable loco-affiliation of Natural History Survey, Natural History Library and Museum, and the biological sciences, (c) Necessity of affording relief to Journalism which it is found can be done by remodeling part of the Natural History Building now occupied by the museum and arranging for rooms around a large central area approximately in accordance with Director Murphy's plans, but at much lower cost than a new Journalism building. This Natural History building site will have the additional advantage of permitting an almost unlimited expansion, whereas a new building with the design proposed would be very difficult architecturally to increase in size.

3. The hospital is considered essential to the welfare of students. Its omission from the first biennium might be cause for greater criticism if not disaster than almost any other building item. It seems imperative if compulsory student membership in the Hospital Association is to be adopted within a few years.

4. The lands in Urbana seem to be necessary for some building needs in the succeeding biennium and for other purposes.

In the second biennium (1939-1941), the new power plant seems necessary for providing a proper supply of steam and electric current. Studies on the location are necessary in view of uncertainty regarding the life of rail service to the plant.

The second unit of Chemistry building should follow the rather small emergency addition and remodeled unit of the first biennium.

The Mechanical Engineering building is needed because of the very unsatisfactory housing facilities now available. It is recommended by the College of Engineering Executive Committee as the building most needed in that college. The registration in Mechanical Engineering is increasing more rapidly than in any other department of the college. The department now uses parts of four different buildings in the engineering group, thus crowding other departments which are also in need of space.

Beyond the second biennium the arrangement is based on what seem to be reasonable interpretations of the relative needs and educational values affected. I shall not attempt to present the ideas of the Committee in any elaborate form for the items in succeeding bienniums. These can be presented more fully and satisfactorily, I believe, at a later date.

The Committee is unanimous in the recommendations contained herein, but all the members recognize that factors might arise any time to make a rearrangement or curtailment seem desirable.

Respectfully yours,

H. T. SCOVILL
Chairman, Committee on Future Building Program

Composite List of Requests and Proposals for New Buildings and Land Acquisitions

December 20, 1935

Requests for New Buildings

1. Second unit of Medical and Dental College Laboratories Building
2. Mining and Metallurgy Laboratory
3. Addition to Library, approved for immediate consideration¹

¹Appropriation made by 59th General Assembly; vetoed by the Governor.
4. Surveys Building
5. School of Journalism Building
6. New Power Plant
7. Agricultural Laboratories Buildings
8. Armory Annex for Mounted R.O.T.C. Units
9. College of Education Building
10. Remodeling of Old Agriculture Building for Chemical Engineering
11. Band Building
12. Home Economics Building
13. Floriculture Building
14. Animal Pathology Laboratory
15. Abattoir and Meat Laboratory
16. Minor Agricultural Buildings
17. Chemistry Laboratory
18. Contagion wing, McKinley Hospital
19. A building for Mechanical Engineering
20. A building for Electrical Engineering
21. An addition to the Physics Laboratory
22. A new Kiln House for Ceramic Engineering
23. Land between Mathews Avenue, Goodwin Avenue, Green Street and the Boneyard, not now owned by the University
24. Land not now owned in the block between Springfield Avenue, Interurban tracks, Goodwin Avenue, and Mathews Avenue
25. Covering Boneyard from Wright Street to Goodwin Avenue
26. Biology Laboratory
27. Remodel and redecorate interior of Auditorium, add stage and open air band shell on the south
28. South wing of the Woman's Gymnasium to provide swimming pool and dance studio
29. Remodel both the Woman's and Chemistry Building, the east half of the Chemistry Building for sciences requiring laboratory space, the west half of the Chemistry Building and the whole of the Woman's Building for L.A.S. use in order to permit the evacuation of University Hall and the Entomology Building
30. Addition to the Pharmacy Building (Chicago) probably just south of the present center section in order to permit the demolition of the old and dangerous sections on both the north and south
31. A combination building for the Chicago campus, probably combining Union, auditorium, and gymnasium activities
32. A New Fine Arts Building, probably west of the Architectural Building and constructed as a companion building to the Commerce Building; also addition to Music Hall
33. The addition of north or south wings to the Administration Building, or both
34. The construction of a new Illinois Field west of First Street, grandstand, bleachers, fence, playing field, etc.
35. The extension of Main Street through the old Illinois Field and construction of new College of Education practice schools, moving the present University High School to this site and adding school facilities down below the kindergarten age. The south half of the old Illinois Field to be assigned to the use of these schools, the Old Gymnasium building being assigned wholly or partially to their use and the Gymnasium Annex perhaps for their shop use

1Application made to Public Works Administration for Federal grant of $675,000, State's share to be $825,000; Governor has since indicated he would be willing to approve an appropriation of $300,000 provided the P.W.A. gave evidence of its interest in the matter for its share. Radical revision of plans and sketches to conform with this figure as a basis of the State's share is under way.
2Informal application made to Works Progress Administration for a 100 per cent grant of funds, which was rejected, and inquiry directed to Public Works Administration, at the request of the Illinois Press Association.
The May meeting of the Board of Trustees of the University of Illinois was held at the College of Medicine, in Chicago, at 10 o'clock a.m. (Chicago time) on Thursday, May 13, 1937.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mrs. Freeman, Dr. Meyer, Mr. Moschel, Mrs. Plumb.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, and, during part of the day, Dean D. J. Davis, Dean F. B. Noyes, Director C. S. Havens, and Mr. J. E. Millizen, Business Agent for the Chicago Departments.

MINUTES APPROVED
The Secretary presented the minutes of the meeting of March 29, 1937. On motion of Dr. Meyer, the minutes were approved as printed on pages 207 to 230 above.
THE STATE NATURAL RESOURCES BUILDING

As previously reported to the Board, the State Department of Registration and Education has been seeking an appropriation for a State Natural Resources Building to house the State Natural History and Geological Survey Divisions. On March 9, 1937, a proposal was made to the Board of Trustees that a separate appropriation be made to the Department of Registration and Education for the erection of such a building at the University on a site to be deeded to the State by the Board of Trustees, and that when erected the University should operate this building. The Board did not see its way clear to accepting the responsibility of operating and maintaining a building which would belong to another agency of the State. The Board felt that if the University is to operate the building the appropriation should be made to it and the building constructed in the same way as other University buildings. This was explained to the Governor by the Chiefs of the State Geological and State Natural History Survey Divisions and by the Director of the Department of Registration and Education. I submit the following letter recently received from the Director of the Department:

President A. C. Willard, University of Illinois, Urbana, Illinois.

DEAR PRESIDENT WILLARD:

Referring to our conference which you, Dr. Frison, Dr. Leighton and myself had in my office sometime ago when we discussed the two alternatives in requesting an appropriation of $300,000 for the State Natural Resources Building, I can now report as follows:

Late last Thursday afternoon, when Leighton and Frison were over here, I gained an audience with Governor Horner and we set forth the two plans. The Governor agreed to accept the recommendation of the two Chiefs that the appropriation be made to the University, and he requested that I inform Director Nudelman of the Department of Finance this week regarding this and have it added as a section in the University bill but clearly earmarked for this purpose. I have today transmitted this information to Mr. Nudelman.

I recall that we both felt at the time that this should be carried in a separate bill, but it seems now that there would be no advantage to this procedure but rather an inconvenience. I suggest, however, that the section be made to cover authorization to accept funds from federal sources.

I am asking the two Chiefs to discuss this matter with you, with reference to any further details, following which I shall be pleased to hear from you.

Yours very truly,

JOHN J. HALLIHAN

Director

On motion of Mr. Cleary, the President of the University was instructed to advise the Department of Registration and Education, in reply to its request presented by the Director in his letter of May 4, that it is the opinion of the Board of Trustees that the appropriation for a State Natural Resources Building should be made to the University, that it should be presented to the General Assembly in a separate bill sponsored by the Department, instead of as a section of the bill for the biennial appropriation to the University, and that there should be included in the appropriation an amount sufficient to provide for connections to the building of the necessary service lines including water, gas, steam, electricity, and any other utilities necessary in operating the building; and the President and the University Counsel were authorized to assist the Department in preparing a draft of a bill for this appropriation.

LAPSING OF BALANCES IN THE GENERAL RESERVE FUND

The action of the Board of Trustees in approving the budget for each year provides that "when appointments are made at salary rates less than the amounts
The November meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Wednesday, November 10, 1937.

When the Board convened, the following members were present: President Karraker, Mr. Adams, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; Mr. Cleary, Mrs. Freeman, and Mr. Moschel arrived a little later.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Judge Sveinbjorn Johnson, University Counsel, and Mr. C. S. Havens, Director of the Physical Plant Department.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of September 27 and October 15, 1937.

On motion of Mr. Moschel, the minutes were approved as printed on pages 481 to 556 above.
Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Mr. Moschel.

APPROPRIATION TO PHYSICAL PLANT DEPARTMENT

(7) A recommendation that an assignment of $631.44 be made to the Physical Plant Department for the installation of standby electrical service to the McKinley Hospital. This represents the excess of the cost of installation over the appropriation of $3,800 originally made for this purpose and is due mainly to changes in the type of automatic switch gear equipment, on recommendation of the Illinois Iowa Power Company, and to an increase in labor and material prices, both of which occurred after the appropriation had been made.

On motion of Mr. Mayer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mrs. Plumb, Mr. Pogue, Mr. Wieland; no, none; absent, Mr. Cleary, Mrs. Freeman, Mr. Horner, Mr. Moschel.

At this point, Mr. Cleary, Mrs. Freeman, and Mr. Moschel took their places with the Board.

SKATING RINK REPAIRS

(8) A report that the Athletic Association has decided to defer the Skating Rink repairs until next spring, beginning the work approximately March 1. Because of the nature and extent of the repairs it is unlikely that they could be completed much before the end of the skating season of 1937-1938. Consequently, it has been decided not to begin this work at the present time so that the Skating Rink will be available for other purposes while the Auditorium is being repaired.

This report was received for record.

PURCHASE OF PROPERTY ADJOINING UNIVERSITY GROUNDS

(9) The question has again been raised whether the Board of Trustees would be interested in acquiring the area of land on Pennsylvania Avenue known as Gallivan's Addition. Litigation is pending to determine the status of the lien of the general taxes against this property, and if the suit goes to trial it will be necessary, in the opinion of the University Counsel, for the University to protect its title to Pennsylvania Avenue.

I have asked the University Counsel and the Director of the Physical Plant Department to appear at this meeting and to present the situation to the Board.

Judge Johnson and Director Havens commented on this matter.

On motion of Mr. Pogue, the President of the University and the University Counsel were authorized to take whatever steps may be needful to protect the interests of the University in this matter.

NATURAL RESOURCES OR SCIENTIFIC SURVEYS BUILDING

(10) The State Board of Natural Resources and Conservation at a meeting on November 2 received the following report from the Chiefs of the State Natural History and Geological Survey Divisions on the proposed Natural Resources Building:

Members of the Board of Natural Resources and Conservation
State of Illinois
Gentlemen:

For your general information there is attached herewith a chronology of the steps which have been taken since October 23, 1934, to secure this building, which was prepared by Director Hallihan and Mr. Leighton for Governor Horner on September 8, 1937. The summary statements therein are concurred in by Mr. Frison who was away at the time. Since September 8, 1937, two additions have been made bringing the chronology up to present date.

In brief, the Public Works Administration has rejected the application for
a grant on what appears to be a technicality, and Administrator Ickes' reply to Governor Horner's excellent letter of September 17th appears to be final. The project, therefore, has resolved itself into a State project and now steps should be taken immediately to construct a unit of the building with the present appropriation.

The appropriation bill reads as follows (Senate Bill No. 44, Sec. 2):

"There is appropriated to the Department of Registration and Education the sum of three hundred thousand dollars ($300,000), or so much thereof as may be necessary, for the construction including service connections of a State Natural Resources Building for the Scientific Surveys located at Urbana. Cooperative agreements may be entered into with Federal agencies by which additional funds may be secured from the Federal government.

"If such building is constructed on the campus of the University of Illinois, an agreement shall be entered into between the Department of Registration and Education and the Trustees of the University of Illinois that the University shall, in consideration of the cooperation of the Surveys with the University, maintain such building in good repair and condition inside and outside, maintain the grounds and furnish light, heat, power and water and janitor service at no expense to the Department of Registration and Education, thereby carrying out the present agreement that the University of Illinois house such Surveys.

"No contract shall be entered into or obligation incurred for any expenditure from the appropriation herein made for contingencies or Natural History preserves until after the purpose and amount of such expenditures have been approved in writing by the Governor.

"The appropriations herein made are subject to the provisions of 'An Act in relation to State finance,' approved June 10, 1919, as amended."

An analysis of the provisions of this bill reveals the following facts:

1. The sum of $300,000 is available without reservation.

2. The building is to be constructed at Urbana; it may be constructed on or off the campus. It appears, however, to be the intent of the bill that the building be constructed on the campus.

3. If it is constructed on the campus an agreement is to be entered into between the Department of Registration and Education and the Trustees of the University of Illinois for certain things.

The first fact needs no comment, except that the money is available for immediate use.

The second and third facts call for constructive judgment on the part of both parties, the Department of Registration and Education and the University Board of Trustees. The Board of Natural Resources and Conservation, acting as an advisory board of the Department under the Civil Administrative Code, and having under its survey the work of the scientific surveys, should, we believe, make its recommendations for the consideration of both parties.

For several years we have from time to time given thought to the different aspects of the question as to whether this proposed building should be located on or off the campus of the University, and our own judgment is that it should be located on the campus. Aside from any material savings or conveniences that will likely accrue from avoiding extra overhead for maintenance and operation of the building, there is the very important principle to be mutually perpetuated, of cooperation between the University and the scientific surveys. No step should be taken which will lighten the emphasis on, or depart from, this cardinal principle, the observance of which has been of great benefit to both parties. The mutually valuable and established relationships existing call for unhesitating agreement by both parties that this building be located on the campus. We desire, therefore, to suggest that this Board make an unqualified recommendation on this point, and that a building committee be authorized to confer if necessary and to handle other matters, some of which will be mentioned hereinafter. It is also suggested that this committee be given power to act during the interim between the meetings of the Board.

The question of the effect of this upon the University's present budget does not appear to be involved, since occupancy of the building is not contemplated
during this biennium, although its construction must be completed in time to avoid a lapse of funds. This limiting date is September 30, 1939.

The Site and the Drawing of Plans. The proposed site indicated in the application for P.W.A. funds is tentative and should be referred back at once to the University Board of Trustees for final confirmation.

We desire also to suggest, in regard to the drawing of plans and supervision of construction that this Board recommend to the Director and the Governor that arrangements be made with the University to fulfill these functions, provided they can do so without delay. This is, in our opinion, highly desirable from several standpoints. In the preparation of the plans for the first unit the plans of the second unit, to complete the structure, should be in mind.

Respectfully submitted,
T. H. FRIISON
Chief, Natural History Survey Division
M. M. LEIGHTON
Chief, Geological Survey Division

The Board also adopted the following resolution:

"It is moved that the Chairman of the Board be requested to present to the Governor the following memorandum as expressing the opinion of the Board of Natural Resources and Conservation with regard to the new building for the Scientific Surveys.

"In view of the refusal of Federal aid for the building we recommend that immediate steps be taken to construct the first unit of the building with the present State appropriation.

"In the cooperative task between the Department of Registration and Education and the University of Illinois in the construction and maintenance of this building we recommend that the following arrangements be observed:

1. That the building be erected on the campus of the University of Illinois on land provided by the University but acceptable to the Department.

2. That the architectural plans for the building be harmonious with existing University buildings and mutually acceptable to the University and the Department. To insure this the plans should probably be drawn by the University architects.

3. That the University consider favorably the principle of furnishing service as heretofore, without expense to the Department, maintain such building in good repair inside and out, maintain the grounds, and furnish light, heat, power, water, and janitor service.

4. That the Building Committee of this Board stands ready to confer with the appropriate officers of the University in regard to the arrangements indicated above and any other matters concerning the building that may arise."

I recommend that the matter of the agreement proposed in the Act be referred to the Committee on General Policy for study and report and the question of the site to the Committee on Building and Grounds.

On motion of Mr. Mayer, these matters were referred to committees as recommended.

NAME OF MATERIALS TESTING LABORATORY

A committee of the College of Engineering is planning a convocation to be held in April, 1938, in honor of Professor Emeritus Arthur Newell Talbot of the College of Engineering who is one of the most distinguished alumni and members of the faculty of the University of Illinois. This committee is recommending to the Board of Trustees that at this convocation the Materials Testing Laboratory be named "The Arthur Newell Talbot Laboratory."

I recommend that this be referred to the Committee on General Policy for consideration and report.

This matter was referred to the Committee on General Policy, which reported favorably.

On motion of Mr. Cleary, this building was renamed "The Arthur Newell Talbot Laboratory."
The December meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Friday, December 3, 1937.

The following members were present: President Karraker, Mr. Cleary, Mrs. Freeman, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, Judge Sveinbjorn Johnson, University Counsel, and Mr. C. S. Havens, Director of the Physical Plant Department.
Mr. Pogue presented the following report:

The Committee on Buildings and Grounds met at the Blackstone Hotel, in Chicago, at 8:30 a.m. on Friday, December 3, 1937. The following members of the Committee were present: Mrs. Freeman, Mr. Mayer, Mr. Moschel, Mr. Pogue, Mr. J. M. Cleary, Chairman of the Committee on General Policy, and President Willard were present; also, Mr. A. J. Janata, Director C. S. Havens, Judge Swenson Johnstone, Director T. H. Frison, Director M. M. Leighton, Professor Edson S. Bastin, Dr. W. A. Noyes, and Dr. William Trelease, the Building Committee of the Board of Natural Resources and Conservation. In the absence of Mr. Adams, and at his request, Mr. Pogue acted as Chairman. Mr. H. E. Cunningham acted as Clerk.

Mr. Pogue reported that the Committee had met on November 26, 1937, discussed the matter of site for the Natural Resources Building, tentatively selected a site south of the Building for Architecture and Kindred Subjects, and deferred action pending the receipt of information from Directors Frison and Leighton on the amount of ground space required, not only for the building now to be constructed, but also for the ultimate development to house the activities of the two surveys.

Mr. Pogue stated that the information requested had been received together with a request for the west half of the space south of the Building for Architecture and Kindred Subjects, and requested Mr. Havens to comment on this selection.

Director Havens called attention to the Campus Plan adopted by the Board, and stated that the north part of the area under consideration should be reserved for buildings for instructional purposes for the biological sciences because of greater accessibility to students, and that the connection of the Natural Resources Building with University service lines will not cost any more than if that building were located on the south half of the area, immediately south of the proposed east-to-west avenue included in the Campus Plan. This matter was fully discussed. President Willard stated that he concurred in the selection made by Director Havens, and recommended that the Committee adopt the south half of the area under consideration.

Director Frison and Director Leighton stated that in view of the future needs of the University this site would be acceptable, if it could be cleared of objectionable buildings as soon as possible.

On motion of Mr. Moschel, the Committee voted to recommend that the south half of the area south of the Building for Architecture and Kindred Subjects be assigned as a site for the Natural Resources Building, and that at the earliest possible moment the Animal Pathology Laboratory and the Military Stables and Yards be removed.

On motion of Mr. Cleary, the report was accepted and the area bounded by Pennsylvania Avenue, Sixth Street, South Drive, and the Broadwalk extended, approximately 270 feet by 600 feet, immediately west of the Stock Pavilion, was assigned as recommended, subject to the execution of a final agreement within the powers of and agreeable to both parties, providing for the construction and the operation of this building.

Mr. Pogue reported also that the Committee on Buildings and Grounds had met with Mr. O. L. Browder, City Council of Urbana, and discussed the possible acquisition of the Gallivan tract. The Committee recommended that this site be acquired if possible, at a maximum cost of $30,000, for a clear and merchantable title.

Action on this matter was deferred.

The Board considered the following matters presented by the President of the University.

GALLIVAN TRACT
The annual meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Friday, March 18, 1938.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, and, during part of the day, Mr. Frank M. Gordon, Treasurer, Mr. Lloyd Morey, Comptroller, and Judge Sveinbjorn Johnson, University Counsel.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of February 11, 1938.

On motion of Mr. Moschel, the minutes were approved as printed on pages 619 to 640 above.
Disbursements (as per canceled checks returned to Comptroller):
July, 1937 ....................................... $14,400 00
September, 1937 ................................ 20 00
December, 1937 ................................ 14,300 00
January, 1938 .................................... 7,200 00
February, 1938 ................................... 7,200 00
Total, Disbursements ........................................ $43,120 00

Balance on hand February 28, 1938 (on deposit at First National Bank of Chicago) .................................. $63,339 19

F. M. Gordon, Treasurer
Correct: Lloyd Morey, Comptroller

This report was received for record.

IMPROVEMENT OF PAVEMENTS AND LIBRARY BUILDING PLANS
On motion of Mr. Adams, the Committee on Buildings and Grounds was requested to study the improvement of the pavements on Green Street and Pennsylvania Avenue, and the plans for the addition to the Library (with a view to a request for consideration of the latter project in a call for a special session of the General Assembly), and to report to the Board.

MATTERS PRESENTED BY PRESIDENT WILLARD
The Board resumed consideration of matters presented by the President of the University.

NATURAL RESOURCES BUILDING
(25) As has already been reported to the Board, the 60th General Assembly made an appropriation of $300,000 to the State Department of Registration and Education for the construction of a State Natural Resources Building for the scientific surveys located at Urbana. The Act of the General Assembly provides that if such a building is constructed on the grounds of the University of Illinois an agreement will be entered into between the Department and the Trustees relative to the operation and maintenance of the building.

At its meeting on December 3, 1937 (Minutes, page 572), the Board assigned a site for this building on the area bounded by Pennsylvania Avenue, Sixth Street, South Drive, and Burrill Avenue extended, subject to the execution of an agreement within the powers of and agreeable to the Department of Registration and Education and the Board of Trustees of the University of Illinois providing for the construction and operation of this building. The Board had previously referred to its Committee on General Policy the question of the agreement. A draft of such an agreement, providing for the construction of the building by the University, was prepared and was submitted to the Board of Natural Resources and Conservation, the Chiefs of the State Geological and Natural History Surveys, and the Director of the Physical Plant Department, all of whom approved it. It was then sent to the Director of the Department of Registration and Education for his approval. He submitted it to the Governor, who did not approve it but had another agreement prepared by the Legislative Reference Bureau, which is being presented to the Board herewith.

This agreement departs in fundamental and very substantial particulars from that proposed by the Board of Trustees. A statement prepared by the University Counsel on March 9, 1938, discussing the legal aspects of these differences is presented herewith. I also present a letter from the Director of the Physical Plant Department dated March 11, 1938, in which he points out the

Copies of these documents were given to the Secretary of the Board for record.
differences in the provisions in the two agreements for the construction of the building:

1. The revised draft proposes that the building shall be constructed by the Department of Registration and Education and permits the University to approve only the "architectural style," the entire responsibility for the preparation of plans and specifications, award of contracts, and the supervision of construction to be in the State Architect.

2. No reference is made in the revised draft to the extension of service lines which is a major item in the cost of construction of the building. This is contrary to the appropriation act which recognizes the extension of service lines as part of the cost of construction.

3. Heretofore the University has uniformly controlled the design and construction of buildings on its own property.

4. It nullifies the authority of the University to make rules and regulations concerning the use of the building.

5. It would require the University to extend Stadium Drive through the University and to remove the Animal Pathology Laboratory earlier than would normally be undertaken.

If an agreement cannot be reached by the Department of Registration and Education and the Board of Trustees under which the Natural Resources Building will be designed and constructed by the University, the Director of the Physical Plant Department recommends that:

1. The Board of Trustees deed a site for this building, this to be the site originally requested by the Chiefs of the State Geological and Natural History Surveys at the corner of Lincoln and Pennsylvania Avenues, immediately south of the Forestry, and authorized by the Board (October 25, 1935, Minutes, page 477), the restrictions on this area to be the same as specified in the offer of the Board.

2. Since this will be a State building and not a building of the University, the Surveys or the Department of Registration and Education be given the responsibility of operating and maintaining it. The extension of service lines to this site would not be advisable in view of the cost involved and the limited facilities of the University's power plant.

On motion of Mr. Adams, the matter was referred to the Committee on General Policy and the President of the University, to meet with Director Hallihan, the Board of Natural Resources and Conservation, the Chiefs of the Geological and Natural History Surveys, and the Governor, to arrive at a satisfactory agreement for the construction of this building.

PURCHASE OF BROWNFIELD WOODS

(26) The Faculty Committee on Natural Areas and Uncultivated Lands, which represents the Biological Departments in the College of Liberal Arts and Sciences, the College of Agriculture, and the State Natural History Survey, has recommended from time to time that the University purchase the Brownfield Woods northeast of Urbana as an extension of the University's forestry holdings for scientific purposes. The University now owns a forestry tract of about forty acres in the same vicinity. It has also leased the Brownfield Woods during the last few years.

The Brownfield Woods is an area of 60 acres and has been offered to the University at a price of approximately $1,100 an acre, so that the total cost of this area as represented by the present offer would be approximately $66,000.

This matter is being reported for the information of the Board but without recommendation. It is still under consideration as to (1) the value to the scientific and educational interests of the University of acquiring additional forestry areas; (2) a fair valuation of the property; (3) the relative importance of such a capital expenditure in view of other University needs; and (4) the availability of funds.

This report was received for record.
The April meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 o'clock a.m. on Wednesday, April 27, 1938.

The following members were present: President Mayer, Mr. Adams, Mr. Karraker, Mr. Moschel, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, and Professor Lloyd Morey, Comptroller.

As there was no quorum, the Board took a recess.
On motion of Mr. Karraker, the award of this contract was authorized as recommended, and the appropriation was made, by the following vote: Aye, Mr. Mayer, Mr. Karraker; no, none; absent, Dr. Meyer.

**AUTHORITY TO CONFER DEGREES IN JUNE**

(2) A request for authority to confer degrees in June and in August on candidates who will complete the requirements for such degrees, on recommendation of the University Senate at its June meeting.

On motion of Mr. Karraker, these degrees were authorized.

**RESOLUTION AUTHORIZING APPLICATION FOR FEDERAL FUNDS FOR STUDENT CENTER BUILDING PROJECT**

(3) The University has been advised by the Federal Emergency Administration of Public Works that it should file a new application for a grant to aid in the construction of a Student Center or Union Building, as all such applications are being considered anew. Accordingly, I submit the following resolution:

Whereas, The University of Illinois should file a new application with the Federal Emergency Administration of Public Works for the erection of a student union building or dormitories, or both, renewing the one which the Board of Trustees of the University of Illinois authorized at its meeting on June 29, 1936, recorded on page 781, Transactions of the Board of Trustees of the University of Illinois, 1934-1936.

Now, therefore, be it resolved, by the Executive Committee of the Board of Trustees of the University of Illinois:

Section 1. That A. C. Willard be, and he is, authorized to execute and file an application on behalf of the Board of Trustees of the University of Illinois to the United States of America for a loan and grant or grant to aid in financing the construction of a student union building.

Section 2. That A. C. Willard is hereby authorized and directed to furnish such information as the United States of America through the Federal Emergency Administration of Public Works may reasonably request in connection with the application which is herein authorized to be filed.

On motion of Mr. Karraker, this resolution was adopted.

**HONORARIUM FOR PROFESSOR E. L. BOGART**

(4) When a prominent speaker from outside of the faculty is secured to deliver the address at the Commencement exercises it is customary to pay him an honorarium for his service. This year Professor E. L. Bogart, of the Department of Economics, who will retire in September, has been asked to deliver the address. Since Professor Bogart is being asked to render this service in addition to his regular duties, I recommend that he be given an honorarium of $200 and that his compensation for the month of June be increased by that amount (to be charged to the appropriation for Commencement expenses).

On motion of Mr. Karraker, the payment of this honorarium was authorized as recommended.

**NATURAL RESOURCES BUILDING**

(5) A statement concerning the proposed Natural Resources Building.

At this point, Mr. Karraker presented the following report of the Committee on General Policy.

**REPORT OF COMMITTEE ON GENERAL POLICY**

Pursuant to the instructions of the Board on March 18, 1938 (Minutes, page 663), the Committee on General Policy met in Springfield on May 4 to confer with the Governor, the Director of the Department of Registration and Education, and other representatives of the Board of Natural Resources and Con-
resolution, about the construction of a State Natural Resources Building on
the Campus of the University. It had not been possible to arrange this confer-
ence for an earlier date. The following were present:

Governor Henry Horner
Judge M. E. Cox, Assistant Attorney General

Representing the Board of Natural Resources and Conservation:

John J. Hallihan, Director, Department of Registration and Education and
Chairman of the Board
Professor E. S. Bastin
Dr. T. H. Frison, Chief, State Natural History Survey
Dr. M. M. Leighton, Chief, State Geological Survey

Representing the Board of Trustees and the University:

Karl A. Meyer
O. M. Karraker  Committee on General Policy
James M. Cleary

President A. C. Willard
Judge Sveinbjorn Johnson, University Counsel
A. J. Janata, Assistant to the President

The Committee advised the Governor and the Representatives of the Board
of Natural Resources and Conservation that the alternative agreement sub-
mitted by the Department of Registration and Education did not meet with the
approval of the Board of Trustees. The agreement was gone over in detail, and
the Committee pointed out in what respects it differs from that proposed by
the Board of Trustees.

After discussion of the various points at issue, the agreement was modified
in several particulars to protect the interests of both parties thereto. Follow-
ing the conference with the Governor, additional changes were made by the
Committee on General Policy and submitted to the Director of the Department
of Registration and Education and the other representatives of the Board of
Natural Resources and Conservation who approved them.

The Committee recommends approval of the agreement as revised in this
conference, a copy of which is appended to this report.

Respectfully submitted,

COMMITTEE ON GENERAL POLICY

O. M. KARRAKER
KARL A. MEYER
JAMES M. CLEARY, Chairman

AGREEMENT BETWEEN THE DEPARTMENT OF REGISTRATION AND EDUCATION
AND THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS IN
RELATION TO THE CONSTRUCTION OF A NATURAL RESOURCES
BUILDING FOR THE STATE SCIENTIFIC SURVEYS ON THE
CAMPUS OF THE UNIVERSITY OF ILLINOIS

Whereas, Section 62, Chapter 127, Illinois Revised Statutes of 1937, requires
the trustees of the University of Illinois to provide buildings and places where
may be performed the functions and duties formerly exercised by the State
entomologist, the State Laboratory of Natural History, the State Water Sur-
vvey, and the State Geological Survey, but which functions and duties since 1917
have been and are now vested in the Department of Registration and Educa-
tion, and

Whereas, the University has been housing the Scientific Surveys since 1917
and prior thereto since their organization, in various buildings and places, and
also supplying maintenance including light, heat, water, power, and janitor
service, and

Whereas, the present buildings and places provided by the University for
such purposes are inadequate theretofor, Section 2 of Senate Bill 444, hereinafter
described was introduced and enacted authorizing the construction of a Natural
Resources Building on the campus of the University, and also providing that cooperative agreements may be entered into with Federal agencies by which additional funds may be secured from the Federal government, and further providing that an agreement may be entered into between the Department of Registration and Education and the Trustees of the University of Illinois that the University shall in consideration of the cooperation of the Surveys with the University, maintain such buildings in good repair and condition inside and outside, maintain the grounds and furnish light, heat, power, and water and janitor service at no expense to the Department of Registration and Education, thereby carrying out the present agreement that the University of Illinois house such Surveys:

Therefore, the following agreement, made and entered into this fourteenth day of May, 1938, between the Board of Trustees of the University of Illinois, hereinafter called the University, and the Department of Registration and Education of the State of Illinois, hereinafter referred to as the Department, is hereby made for the design, construction, operation, and maintenance of the physical property of a State Natural Resources Building for the scientific Surveys, pursuant to Section 2 of an Act entitled “An Act to provide for the ordinary and contingent expenses of certain divisions of the Department of Registration and Education until the expiration of the first fiscal quarter after the adjournment of the next regular session of the general assembly,” approved July 1, 1937, and pursuant to Section 62 aforesaid:

1. In consideration of these premises, the University agrees to provide a site for the construction of a Natural Resources Building of the most suitable and complete type possible within the appropriation made available by the Legislature and funds received from the Federal government, either or both, for such purpose and which may be provided by the Department, upon the terms and subject to the conditions hereinafter set forth:

a. The site for the building, proposed by the University and offered for the purposes of this Agreement, is described as follows: An area bounded by Pennsylvania Avenue, Sixth Street, South Drive and Broadwalk, the latter three all extended, approximately 270 feet by 600 feet, immediately West of the Stock Pavilion.

   (1) Such of the above described area as is necessary for immediate construction purposes is now released.

   (2) Additional tracts of the said area will be released as work progresses and as the space, in the opinion of the Board of Natural Resources and Conservation of the Department and of the Board of Trustees of the University is required for the aforementioned purposes.

   (3) The University will remove the Animal Pathology Building and the Military Stables and clear the ground at as early a date as reasonably may be done.

   (4) All future buildings and improvements to be used by the Surveys and constructed on this area will also be subject to this agreement.

b. The Department will design, prepare plans and specifications, and supervise the construction of the Natural Resources Building; in doing this the Department will meet the needs, aims, purposes, and objectives of the Surveys, and such plans, specifications, and design will be best calculated to further such ends and objectives, and will be subject to such restrictions as may be imposed by the Federal Emergency Administration of Public Works in the event that a loan or grant be forthcoming from said agency. Plans and specifications for the building shall be submitted to the Board of Trustees for approval before the Department advertises for bids. Contemplated contracts shall be submitted to the Board of Trustees for approval before contracts are awarded. Such contracts shall be awarded only to the lowest responsible bidder. As provided in Section 2 of Senate Bill 444, the expense of extending all service lines to said building shall be paid out of the appropriation made in said Section.

c. The program and activities of the Surveys, as determined by the Statutes, in the buildings shall be determined by the Board of Natural Resources and Conservation of the Department.
d. The University will maintain and operate the building at its own expense, and keep it in good repair and condition inside and outside. It is understood that in assuming the obligation to maintain and operate the building, the University does not bind itself beyond its available financial resources. Except as otherwise expressly stated, it is understood that the phrase, "operate and maintain," in this agreement means, and is limited to maintenance of building and grounds, heat, janitor service, light, power, and water, but not gas used for research investigations, at no expense to the Department. The University reserves the power, as in the case of all other buildings maintained and operated by it, and of space heretofore provided the Surveys aforesaid, to make such reasonable rules and regulations concerning the use of said building as it may deem necessary, consistent with the purposes and objectives of the scientific Surveys.

e. Nothing herein contained shall in any way affect the present occupancy of the State Water Survey Division of the Department which is now being housed and will continue to be housed by the University in the Chemistry Building.

DEPARTMENT OF REGISTRATION AND EDUCATION OF THE STATE OF ILLINOIS
by JOHN J. HALLIHAN
Director

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
by OSCAR G. MAYER
President
H. E. CUNNINGHAM
Secretary

On motion of Mr. Karraker, the report of the Committee on General Policy was received and adopted, and the execution of the agreement was authorized.

LEAVE OF ABSENCE FOR MARY LOUISE CHASE

(6) Miss Mary Louise Chase, Assistant State Leader of Home Advisers and Associate in the Home Economics Extension Service, applied for a leave of absence for six months from July 1, 1938, on full pay. She is not eligible for a sabbatical leave of absence, under the statutes, but because she is on the Extension staff and her salary is paid entirely from Federal funds, her case was submitted to the Graduate School Research Board along with others applying for sabbatical leaves during 1938-1939. The Research Board included her in its recommendations for leaves which were presented to the Board of Trustees at its meeting on February 11, 1938, but through an error her name was listed with those applying for leave of absence for a full year on one-half pay instead of as an applicant for leave of absence for one-half a year on full pay.

Leaves of absence granted members of the Extension staff of the College of Agriculture, whose salaries are paid entirely from Federal funds, require approval by the United States Department of Agriculture.

The Department is unable to approve a leave of absence with pay for travel in Europe, and therefore Miss Chase desires to take that part of her leave involving foreign travel without pay on her own time and at her own expense. The Dean of the College of Agriculture recommends, and I concur, that she be granted leave of absence for two months without pay from July 1, 1938, to August 31, 1938, and five months with full pay from September 1, 1938, to January 31, 1939, instead of the leave previously granted her.

On motion of Mr. Karraker, this leave was granted as recommended, and the record was corrected accordingly.

LEAVES OF ABSENCE

(7) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case:
MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 24 and 30, 1938

The September meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. (Chicago Daylight Saving Time) on Saturday, September 24, 1938. When the Board convened, the following members were present: President Mayer, Mr. Cleary, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; Mrs. Freeman came later.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, and the Secretary.

MINUTES APPROVED
The Secretary presented the minutes of the meetings of June 9 and 22, July 15, and August 1, 1938.

On motion of Mr. Cleary, the minutes were approved as printed on pages 821 to 896, 1 to 31, and 39 to 44, above.

The Secretary presented also the minutes of meetings of the Executive Committee of July 15 and 21 and August 25, 1938. The minutes of the Executive Committee were received for record as printed on pages 2 to 24, 32 to 38, and 45 to 54 above.
ADDITION TO KATE NEAL KINLEY MEMORIAL FELLOWSHIP FUND

(2) The following offer from Dr. David Kinley, President Emeritus:

To the Board of Trustees of the University of Illinois:

LADIES AND GENTLEMEN:

I hereby present to your Board as an addition to the Kate Neal Kinley Memorial Fellowship Fund fifty (50) shares of Quaker Oats common stock, with a present market value of about $104.105 per share. These additional securities shall be subject to all the conditions and provisions of the original gift as recorded in the minutes of the meeting of your Board on September 28, 1935, pages 392 to 394 of the thirty-eighth Report of your Board, July 11, 1934, to June 29, 1936, except that these present securities shall not be subject to the requirement in paragraph two (2) of the original deed of gift that the securities then given shall be held until maturity.

It was and is my intention that within the limitations of the original deed of gift, the care and management of the funds of this Endowment shall be left to the good faith and judgment of your Board as to reinvestment, and that your Board be not restricted in reinvesting said funds to the classes of securities prescribed for Trust Funds by the laws of Illinois. The selection of securities for reinvestment, when such reinvestment becomes necessary under the provisions of the Trust, is left entirely to your discretion.

Respectfully yours,

DAVID KINLEY

Dated at Urbana, Ill.

September 21, 1938.

The original of this offer is being turned over to the Secretary of the Board for record and the securities have been deposited with the Comptroller.

On motion of Mr. Moschel, this gift was accepted, with the thanks of the Board.

FOUNDATION CONTRACT FOR NATURAL RESOURCES BUILDING

(3) The agreement between the Department of Registration and Education and the Board of Trustees in relation to the construction of a Natural Resources Building provides that plans and specifications for the building shall be submitted to the Board for approval before the Department advertises for bids. Contemplated contracts must also be submitted to the Board of Trustees for approval before they are awarded.

The State has received a PWA grant for this building under the terms of which construction must begin not later than October 19. This means that bids must be received and a contract awarded before that date. To meet this condition the Department plans to award a foundation contract separate from the general work. Plans and specifications were received by the Physical Plant Department yesterday afternoon (September 29) too late for examination of them in time for presentation at this meeting. Consequently, I recommend that the Buildings and Grounds Committee be authorized to act for the Board in this matter.

On motion of Mr. Karraker, this matter was referred to the Committee on Buildings and Grounds, with power to act.

NAME FOR BUILDING TO REPLACE UNIVERSITY HALL

(4) A recommendation that the new classroom building which is being erected to replace space lost in University Hall be called "Gregory Hall" in memory of Dr. John Milton Gregory, the first Regent of the University.

On motion of Mr. Cleary, this building was named Gregory Hall as recommended.

EASEMENT FROM ILLINI UNION BUILDING TO GREEN STREET

(5) A recommendation that the Board authorize its officers to execute an easement giving the University of Illinois Foundation access from the site of the Illini Union Building across University property through Green Street to the public thoroughfares, by the adoption of the following indenture:
The October meeting of the Board of Trustees of the University of Illinois was held at the College of Medicine, in Chicago, at 9:30 a.m. on Monday, October 17, 1938.

When the Board convened, the following members were present: President Mayer, Mr. Adams, Mrs. Freeman, Mr. Karraker, Dr. Meyer, Mrs. Plumb, Mr. Pogue. Mr. Cleary and Mr. Moschel arrived a little later.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, and the Secretary.

MINUTES APPROVED
The Secretary presented the minutes of the meetings of September 24 and 30, 1938.

On motion of Mr. Moschel, the minutes were approved as printed on pages 55 to 98 above.
APPROVAL OF CONTRACT CHANGE ORDERS ON PWA PROJECTS

(17) A recommendation that the Board authorize the President of the University and the Director of the Physical Plant Department to approve change orders, not exceeding $500 in cost, on contracts for all buildings for which the University has received a grant from the United States of America through the Federal Emergency Administration of Public Works, by the adoption of the following resolution.

Be it resolved, by the Board of Trustees of the University of Illinois, that the President of the University and the Director of the Physical Plant Department be, and they are hereby, authorized to approve change orders, not exceeding $500 in cost on any one item, on contracts for all buildings for which the University of Illinois has received a grant from the United States of America through the Federal Emergency Administration of Public Works.

On motion of Dr. Meyer, this resolution was adopted and the Secretary was authorized to certify thereto, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Horner, Mr. Wieland.

ADMINISTRATION OF MCKINLEY HOSPITAL

(18) Since its erection McKinley Hospital has been under the general administration of a committee. It seems to me that in the management of such a service the authority and responsibility should be in a University officer rather than a committee. Therefore I recommend that the Hospital be placed under the administration of the University Health Officer with an advisory committee, of which he shall be the chairman, appointed by the President of the University, to assist him on matters of policy.

On motion of Dr. Meyer, the administration of the McKinley Hospital was placed under the University Health Officer as recommended.

PLANS AND SPECIFICATIONS FOR FOUNDATION FOR STATE NATURAL RESOURCES BUILDING

At this point, Mr. Adams presented the following report.

At its meeting on September 30 (Minutes, page 92), the Board of Trustees referred to the Committee on Buildings and Grounds, with power to act, the plans and specifications for the foundation of the State Natural Resources Building. The Committee has conferred with the Director of the Physical Plant Department and has studied the correspondence between his office and the State Architect. The Committee approves the plans and specifications as submitted, subject to the following changes recommended by the Physical Plant Department.

1. That more complete details are indicated relative to the stepping down of footings around the elevator pit.
2. That concrete be specified to provide a definite strength at a definite period after placing.
3. That waterproofing for foundations be so specified that there is no question as to the material that is to be used.
4. That Paragraph 1026 of the specifications be amended so as to definitely call for No. 1 or first-quality tile.

The Physical Plant Department is willing to be guided by the opinion of the State Architect regarding the finished grade levels at the front of the building. The Committee concurs in this.

On motion of Mr. Adams, the plans and specifications were approved, subject to the changes recommended by the Physical Plant Department.

The Board resumed consideration of matters presented by the President of the University.
The November meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Tuesday, November 29, 1938.

When the Board convened, the following members were present: President Mayer, Mrs. Freeman, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland; Mr. Adams and Mr. Cleary arrived later in the day.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, Mr. C. S. Havens, Director of the Physical Plant Department, the Secretary, and, during part of the day, Judge Sveinbjorn Johnson, University Counsel.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of October 17, 1938, and of the adjourned session of October 24, 1938.

On motion of Mr. Karraker, the minutes were approved as printed on pages 99 to 132 above.
land, the value placed upon it by the Company is very reasonable and it would be desirable for the University to control this area.

On motion of Mrs. Plumb, this matter was referred to the President of the University for investigation of the title.

PROPOSAL FOR LEASE OF UNIVERSITY PROPERTY

(15) A proposal of Mr. Peter Karos to lease the University property on the northwest corner of Harrison and Honore Streets in Chicago for a five-year period, at rentals of $150 for the first two years, $175 for the third year, and $200 for the remaining two years. This is the same property which Cook County is interested in purchasing from the University.

The Physical Plant Department recommends that this proposal be rejected. I concur.

Action on this matter was deferred.

PLANS AND SPECIFICATIONS FOR POWER PLANT

(16) A recommendation that the firm of Sargent and Lundy be authorized to prepare plans and specifications for the new power plant, with a view to securing bids on at least all major equipment as soon as possible. Any contracts which might be awarded subsequent to the receipt of bids would include a provision that they are contingent on the University's receiving an appropriation from the General Assembly for a power plant. This procedure would have the following advantages:

1. The new power plant facilities would be available to the University much sooner than if the preparation of plans and specifications is deferred until an appropriation has been received.

2. By securing bids in the near future the University can take advantage of the low price level now existing, even though it may be necessary to pay a small premium to obtain the cancellation clause.

3. More time will be available to study the plans and specifications.

Sargent and Lundy estimate that the cost of preparing plans and specifications will be $8,500. There is a balance of $2,400 in the existing appropriation for power plant studies so that a supplementary appropriation of $6,100 will be necessary.

The fee paid to Sargent and Lundy under this arrangement will be applied on their final charge for services.

On motion of Mr. Moschel, these studies were authorized and the appropriation was made, by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Cleary, Mr. Horner, Dr. Meyer, Mr. Wieland.

APPROPRIATION FOR EXTENSION OF SERVICE LINES TO NATURAL RESOURCES BUILDING

(17) A recommendation that an assignment of $18,500 be made from the General Reserve Fund for the construction of a tunnel to house the extension of service lines to the State Natural Resources Building. It is sound engineering practice, as well as more economical in the long run, to house service lines in tunnels. Of this appropriation, $18,000 represents the difference between the cost of a tunnel and an ordinary installation, and $500 is for increasing the size of the storm sewer, which the Physical Plant Department recommends. Since the University prefers this superior type of installation it should bear the additional cost.

On motion of Mr. Moschel, this appropriation was made, by the following vote: Aye, Mr. Adams, Mrs. Freeman, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb, Mr. Pogue; no, none; absent, Mr. Cleary, Mr. Horner, Dr. Meyer, Mr. Wieland.
The annual meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Tuesday, March 14, 1939.

The following members were present: President Mayer, Mr. Jensen, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue, Mr. Wieland.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, the Secretary, and, during part of the day, Judge Sveinbjorn Johnson, University Counsel, Director C. S. Havens, of the Physical Plant Department, and Mr. E. L. Stouffer, Assistant Supervising Architect.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of February 11, 1939.

On motion of Mr. Karraker, the minutes were approved as printed on pages 211 to 238 above.
On motion of Mr. Pogue, the President of the University was authorized to request additional funds, to the extent of $180,000, from the General Assembly for the construction of an addition to the hospital. [This action rescinded, page 274.]

**RIGHT-OF-WAY EASEMENT ON FRANKLIN COUNTY LAND**  
(24) The Farm Adviser of the Franklin-Hamilton County Farm Bureau has asked the University for an easement along the east side of the Hart farm to enable the Southeastern Illinois Electric Cooperative, Incorporated, to install an electric transmission line as a part of the rural electrification project in that area. The tract covered is limited to a width of 25 feet along the highway. This arrangement would not in any way interfere with the sale of this land, and the development, if carried out, may improve the prospects for its sale.

I recommend that the President and Secretary of the Board be authorized to execute an easement which is submitted to the Secretary of the Board herewith.

On motion of Mr. Wieland, the execution of this easement was authorized.

**NATURAL RESOURCES BUILDING PLANS**  
(25) The State Architect’s office has submitted to the Physical Plant Department blueprints of the architectural, structural, mechanical, and electrical drawings, with specifications, and also specifications for elevator equipment, for the Natural Resources Building for the approval of the Board of Trustees, as required by the agreement between the Board and the Department of Registration and Education relating to the construction of this building.

The Director of the Physical Plant Department reports that early in the development of this project representatives of his department and of the State Architect’s office met to formulate a procedure to be followed by the two offices in the preparation of plans and specifications for this building. At the State Architect’s suggestion the Physical Plant Department sent him (on July 8, 1938) a list of suggestions outlining standards of construction followed on University buildings. Early in the fall a second conference was held for a discussion of preliminary plans, construction standards, and exterior design. At this second conference the Physical Plant Department requested that it be furnished with prints of drawings and other data from time to time as the work progressed so that it could offer suggestions before recommended changes should become extensive and to reduce the time required for final check and approval.

In spite of these requests, the first material received was the final general contract drawings and specifications on February 11, 1939. The Physical Plant Department submitted to the State Architect’s office its comments and suggestions concerning these drawings, and on March 6 a conference was had at which these suggestions were discussed in detail. No reply has been received on the questions raised.

On March 9 the Physical Plant Department received the plans and specifications for heating and plumbing; on March 11 it received the balance of the plans and specifications, i.e., for electrical work and elevator equipment.

The Director of the Physical Plant Department presents the following report on these plans and specifications:

1. **Exterior Design.**—The Physical Plant Department has advised the State Architect that it is not satisfied with the exterior design of the building. His office is making further studies and the Department recommends that a decision on the exterior design be postponed until it receives the revised sketches.

2. **General Work.**—A detailed list of 32 suggestions, which the Physical Plant Department recommends as desirable, and of 43 changes which it recommends as essential before plans and specifications are approved by the Board of Trustees, is submitted.

3. **Mechanical Work.**—Since it will take the Physical Plant Department a week to check the plans and specifications for the heating, plumbing, electrical,
and elevator installations, to avoid further delay the Director recommends that the Board authorize its Committee on Buildings and Grounds to act for it on the plans and specifications for the work of the mechanical trades as soon as they have been checked.

Mr. Havens presented this matter and commented on the points of difference.

Mr. Stouffer commented on the outside design, and stated that the modifications proposed would reduce costs materially.

On motion of Mrs. Plumb, the Physical Plant Department was authorized and instructed to obtain agreement from the Department of Registration and Education on all details of construction of the Natural Resources Building before the plans are approved, and to notify the Public Works Administration of the terms of the agreement under which this building is being constructed. This action was taken in consideration of the fact that the University will assume responsibility for the operation and maintenance of this building.

On motion of Mrs. Plumb, the Committee on Buildings and Grounds was authorized to approve plans and specifications as requested.

RELEASE OF SPACE BY GEOLOGICAL AND NATURAL HISTORY SURVEYS

(26) At the meeting of the Board on December 17, 1938, the question was raised as to how much of the space now occupied by the State Geological and Natural History Surveys will be released when they occupy the Natural Resources Building. I asked the Chiefs of these two Surveys to advise the Director of the Physical Plant Department specifically what quarters they propose to release, and he has summarized it in terms of floor space as follows:

<table>
<thead>
<tr>
<th>Natural History Survey</th>
<th>Square feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural History Building</td>
<td>7 186</td>
</tr>
<tr>
<td>Entomology Building</td>
<td>2 213</td>
</tr>
<tr>
<td>State Entomologist's Laboratory (excluding space in greenhouses)</td>
<td>1 600</td>
</tr>
<tr>
<td>Floriculture Building</td>
<td>1 119</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11 119</strong></td>
</tr>
</tbody>
</table>

Space to be released (as per Dr. T. H. Frison's letter of January 31, 1939):

| Natural History Building | 2 994 |
| Entomology | 2 213 |
| **Total** | **5 207** |

Space to be retained and that to be available in new building:

| Natural History Building | 4 192 |
| State Entomologist's Laboratory | 1 600 |
| Floriculture Building | 1 120 |
| New Natural Resources Building | 16 843 |
| **Total** | **22 755** |

The above figures do not include: (1) small amount of office space in New Agriculture Building shared by the Extension Forester and staff members of University Department of Forestry; (2) greenhouse space at State Entomologist's Laboratory; (3) small amount of garage space in Agronomy Warehouse and Geological Survey Annex Building.
GEOLOGICAL SURVEY

Present Space:  

<table>
<thead>
<tr>
<th>Location</th>
<th>Square feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turner House, Annex, and Garage</td>
<td>7,511</td>
</tr>
<tr>
<td>Space in Ceramics Building</td>
<td>8,126</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15,627</strong></td>
</tr>
</tbody>
</table>

Space to be released (as per Dr. M. M. Leighton's letter of January 21, 1939):

<table>
<thead>
<tr>
<th>Location</th>
<th>Square feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turner House</td>
<td>2,180</td>
</tr>
<tr>
<td>Turner House Annex</td>
<td>1,680</td>
</tr>
<tr>
<td>Ceramics Building</td>
<td>1,535</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>5,395</strong></td>
</tr>
</tbody>
</table>

Space to be retained and that to be available in new building:

<table>
<thead>
<tr>
<th>Location</th>
<th>Square feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garage (West of Turner House and Annex)</td>
<td>3,731</td>
</tr>
<tr>
<td>Space in Ceramics Building</td>
<td>6,591</td>
</tr>
<tr>
<td>New Natural Resources Building</td>
<td>27,339</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>37,661</strong></td>
</tr>
</tbody>
</table>

(Small amount of space in Lincoln Hall basement has been omitted.)

The Deans of the Colleges of Liberal Arts and Sciences and Engineering, and the Director of the Physical Plant Department were consulted concerning the needs of their departments for the space which the Survey Chiefs desire to retain in the Natural History and Ceramics Buildings, and they have advised as follows:

1. **Natural History Survey.**—The proposed retention of space by this Survey in the Natural History Building appears reasonable and necessary. The space to be released will be used by the Departments of Geology, Zoology, and Mathematics for classrooms, laboratories, and faculty offices.

2. **Geological Survey.**—This division desires to retain over four-fifths of the space now occupied in the Ceramics Building, despite the fact that it would have an increased floor area of over 100 per cent even if all the space in the Ceramics Building were released.

The enrollment in Ceramics and Ceramic Engineering has increased markedly during recent years. It has more than doubled in the last ten. Members of the Department have been engaged in research important to ceramic industries. The existing space has become so crowded that this research program has been handicapped. The Head of the Department has submitted a detailed report showing the need for the space now occupied by the Geological Survey in the Ceramics Building, with the request that space on the third floor be assigned to the Department for specified usage. The Advisory Committee for the Department of Ceramic Engineering representing the ceramic industries is also concerned about this situation. On November 12 it inspected the quarters now used by the Department of Ceramic Engineering and inquired carefully into their use. As a result of the inspection the Committee recommends that all of the floor space in the Ceramics Building now used by the Geological Survey be assigned to the Department of Ceramic Engineering for its exclusive use when the Resources Building is occupied by the Survey.

There are other departments in the College of Engineering which must also be given consideration. The most pressing need is for drafting rooms and for offices due to large increases in the registrations in Mechanical Engineering, Metallurgical Engineering, and General Engineering Drawing.

In view of these considerations, it is recommended that:

1. The request of the Natural History Survey be approved.
2. The Geological Survey be required to vacate all space now occupied by it in the Ceramics Building. As indicated above, this division would still have an increased floor area of 100 per cent when it occupies the Natural Resources Building. The Survey should also give up the Turner House (this structure should be demolished as soon as possible) which it has already agreed to do.

Director Havens presented this matter.
On motion of Mr. Wieland, the recommendation concerning the Natural History Survey was approved, and the President of the University was authorized to assign space in present University buildings to the Geological Survey in accordance with these recommendations, on condition that the Survey release all space in the Ceramics Building, the Turner House Annex, and the garage, and the approval of the plans for the Natural Resources Building was made contingent on the acceptance by the Geological Survey of these assignments.

**CHANGES IN REQUIREMENTS FOR GRADUATION IN THE SCHOOL OF PHYSICAL EDUCATION**

(27) A recommendation from the University Senate that the requirements for graduation in the School of Physical Education, effective September 1, 1939, be changed as follows:

1. The requirements in the curriculum of Physical Education for Women to be increased from 126 to 130 semester hours.
2. Reduction in the number of hours in professional physical education courses from 45 to 40 in the curriculum of Physical Education for Women.
3. Adoption of the grade-point system in determining eligibility for graduation in the School of Physical Education in place of the present rule that three-fourths of the hours submitted for graduation must be of a grade of "C" or better.

On motion of Mrs. Plumb, these changes were authorized.

**FEE FOR GRADUATE WORK IN ORTHODONTIA**

(28) On August 2, 1937 (Minutes, page 472), the Board approved a recommendation from the University Senate that the time of the graduate course known as Orthodontia 101 be extended a minimum of one-half time for an additional semester in the case of candidates for the master's degree. The proposal also included a recommendation that no additional fee be charged for the additional time. However, the Board took no action with respect to the fee. I recommend that no additional fee be charged.

On motion of Mr. Jensen, this recommendation was adopted.

**EXEMPTION FROM FEES**

(29) A recommendation that Section 29 of the University of Illinois Statutes, approved March 10, 1936, be amended to read as follows, the change to become effective September 1, 1939.

Exemption from Fees for Certain Members of the University Staff

Persons on University appointment at a salary of $1,600 per year or less, eligible for admission to University work, or on scholarship or fellowship appointment in the Graduate School shall be exempt from the payment of incidental and laboratory fees in courses counting for graduate credit. Course fees indicated in paragraph (a) or (b) or (c) below and laboratory fees will be required for courses not counting for graduate credit.

Fees Charged Persons Registering for Reduced Schedules

On approval of the Dean of the college or school concerned, persons may register for reduced schedules. Such persons shall pay the matriculation fee and the usual laboratory fees. Under the following provisions they shall pay the course fees indicated in lieu of the regular incidental fee:

(a) For undergraduate and professional work in the colleges and schools at Urbana: $2.50 per credit hour, provided registration is for not more than eight semester hours.

(b) For undergraduate work in the College of Pharmacy: $5.00 per credit hour for residents of Illinois, or $7.50 per credit hour for non-residents of Illinois, provided registration is for less than ten semester hours.
On the stroke of 9:30 a.m. on Thursday, April 27, 1939, the April meeting of the Board of Trustees of the University of Illinois was called to order in the President's Office, at the University, in Urbana.

The following members were present: President Mayer, Mr. Cleary, Mr. Jensen, Mr. Karraker, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Wieland; Mr. Adams came during the presentation of the first item, and Mr. Pogue was present during the afternoon.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, the Secretary, and, during parts of the day, Professor Lloyd Morey, Comptroller, and Judge Sveinbjorn Johnson, University Counsel.

MINUTES APPROVED
The Secretary presented the minutes of the meeting of March 14, 1939, and of the adjourned session of March 25, 1939.

On motion of Dr. Meyer, the minutes were approved as printed on pages 239 to 278 above.
BIDS FOR CONSTRUCTION OF ILLINI UNION BUILDING

(26) The Director of the Physical Plant Department reports that bids for construction of the Illini Union Building will be opened at 2:00 p.m. on May 16 at the University at Urbana. In accordance with University Statutes, a representative of the Board should be present at this opening. In the event that the Board does not meet shortly thereafter, authorization should be given for the award of these contracts.

On motion of Mr. Wieland, the following resolution was adopted:

Whereas, the United States of America, through the Federal Emergency Administration of Public Works, has made a grant of funds to the University of Illinois to aid in the construction of a Student Center Building (Illini Union Building), PWA Project No. Ill. 1745-F; and

Whereas, bids for the superstructure of this building will be received on May 16, 1939, and construction should begin promptly thereafter; now, therefore, be it

Resolved, that the Board of Trustees hereby authorizes the President of the University to award the contracts to the lowest responsible bidder; and be it further

Resolved, that the Board authorizes its President and Secretary to execute such contracts as are awarded.

Mr. Adams and other members of the Committee on Buildings and Grounds were designated to be present at the opening of bids on May 16.

At this point, President Mayer returned and resumed the chair.

RIGHT-OF-WAY EASEMENT ACROSS EXPERIMENTAL FIELD IN HARDIN COUNTY

(27) The Southeastern Illinois Electric Cooperative has requested an easement across the University's experimental field in Hardin County. The Department of Agronomy and the Dean of the College of Agriculture see no objection to granting this request, providing the poles are set along the public highway passing through the field. If the poles are set across the field at other points they will interfere with the experimental work.

An easement has been prepared with this qualification in it, and I recommend that the Board of Trustees authorize the President and Secretary to execute it.

On motion of Mr. Adams, the execution of this easement was authorized.

DEMONSTRATION-TEST PROGRAM BY STATE GEOLOGICAL SURVEY FOR DETERMINING COMMERCIAL FEASIBILITY OF BRIQUETTING, COKEING, AND BURNING ILLINOIS COAL

(28) There has been introduced in the General Assembly of Illinois a bill appropriating $300,000 for a two-year demonstration-test program for investigation and experimentation with Illinois coal products. (See Exhibit A.) One item in this bill is "for construction of applied research laboratory adjacent to the new Natural Resources Building," to cost $95,000. Other items in the bill provide for experimental briquetting machines, preheaters, ovens, stokers, boilers, and other equipment, and a technical staff.

The bill expressly states that the funds are provided "for determining the commercial feasibility of the Geological Survey's briquetting process on a capacity scale of one hundred tons per day," and again in the case of coke "for determining the commercial feasibility of methods having commercial promise."

Because of the very fundamental and important considerations of public policy involved in this project, it seems to me that the matter should be brought to the attention of the Board of Trustees. If this bill becomes a law the Board will have to accept responsibility for the approval of plans and specifications for a building on the University campus devoted to commercial development work financed by public funds. The University of Illinois is constantly being called upon to undertake scientific as well as technological (i.e., basic as well as applied science) investigations for the benefit of industries. Where the problem is one to determine the basic scien-
scientific facts, the expenditure of public funds for such purposes appears justifiable. When the essential facts are already known and the problem is one of commercial development, the University has taken the position that it will do the work through the appropriate department, provided that the interested parties will supply the funds. This policy was established by the University many years ago and is so stated in the University's Statutes. If the University were asked to undertake this project to develop industrial equipment and processes for the production on a commercial basis of smokeless fuels from Illinois coals it would be my judgment that the University would be confronted with the alternative of reversing its long-time policy just referred to.

At a meeting of the Board of Natural Resources and Conservation on February 21, 1939, the Chief of the Geological Survey submitted plans prepared by him at the request of a committee appointed by Acting Governor John Stelle to consider the development and production of smokeless fuels from Illinois coals. Much basic research work has already been done in this field, notably that of the late Professor Parr, of the Department of Chemistry. What remains to put into practical use the knowledge already acquired by scientists is the development of industrial equipment and processes which will make the production of smokeless fuels from coal economically profitable. This is the proper function of industry itself. Because it seemed to the Geological Survey Sub-Committee of the Board of Natural Resources and Conservation that the plans submitted by the Chief of the State Geological Survey involved questions of public policy, the following letter expressing the judgment of the Board was sent to the Director of the Department of Registration and Education by the Geological Survey Sub-Committee of the Board of Natural Resources and Conservation:

February 28, 1939

Honorable John J. Hallihan, Director, Department of Registration and Education

DEAR DIRECTOR HALLIHAN:

At the regular meeting of the Board of Natural Resources and Conservation held at the University of Illinois on February 21 the following Board members were present: President A. C. Willard, Dr. W. A. Noyes, Mr. L. R. Howson, and Dr. E. S. Bastin.

At this meeting Dr. M. M. Leighton, Chief of the Geological Survey, presented very fully for the Board's information the plans prepared by him at the request of Acting Governor Stelle's committee for a program of experimentation on the production of smokeless fuels from Illinois coals. These plans were given careful consideration by the Board both before and during this meeting and it was voted that a memorandum be prepared for your information reporting the consensus of opinion of the Board concerning this proposal.

In the opinion of the Board there can be no question as to the importance and timeliness of studies of smoke abatement in the larger cities and towns. It is evident also that governmental agencies must take the lead in such investigations and must be responsible for the enforcement of control measures.

Certain aspects of the smoke abatement problem, notably the production of "smokeless" fuels from Illinois coals, have been the object of long and searching study by the State Geological Survey, following studies previously made by the University of Illinois, with highly promising results and it is much to be hoped that this information and the cooperation of the Survey staff will be fully utilized by all groups concerned with the smoke abatement problem. The Geological Survey always stands ready to advise and counsel with representatives of the mineral industries of the State concerning their scientific and technical problems.

The costs of the two year program as estimated by Dr. Leighton appear conservative for the type of work contemplated. Such a commercial development program as is here suggested, involving both technical and economic problems, almost invariably expands both in cost and in time required as the work proceeds and unforeseen difficulties are encountered. It is practically impossible to place a
definite time limit on either a scientific research project or a commercial development program based on scientific research.

The Board believes, however, that the proposed plan raises important questions of public policy as to the proper scope of the investigations conducted by the Scientific Surveys in aid of industry. The point at which governmental experimentation should stop and industry itself take up the responsibility of adapting the results of such experimentation to commercial practice will necessarily vary somewhat with the particular circumstances involved. Usually, however, the high cost of experimentation on a commercial or semi-commercial scale with its attendant heavy burdens on the tax payer has operated to limit governmental experimentation in aid of the industries to a laboratory scale. Moreover, governmental agencies have seldom been in a position to evaluate accurately all of the commercial factors involved as distinct from technical factors or to apply the only final test of the success of a process—namely, profitable sale of products.

On the whole the limitation of the State's experimental work in aid of the industries to small scale laboratory operations seems to this Board to be a wise policy. It reduces to a minimum the costs of such studies and in particular keeps at a minimum the losses due to failures or partial failures inevitable in any active program of research. It should be noted that operation on a large scale must usually be preceded by experimentation on a small scale and that its costs therefore are wholly in addition to the cost of the small scale experiments. It is, therefore, the opinion of this Board that industry itself should provide the funds for such large scale experimental work as is usually necessary for the commercial development of plants or processes on a sound economic basis. It is the proper function of the Geological Survey to discover, record, interpret and publish scientific data concerning the natural resources of the State, and make these data available to industry at all times. It is the proper function of industry to make such use of these scientific data as may seem appropriate in order to utilize the natural resources of the State most effectively.

Departure from any policy that seems sound on general grounds may of course be justifiable under certain circumstances but should not be lightly undertaken. In particular it should be realized that the inauguration of large scale testing in aid of one industry is very likely to lead to embarrassing demands for similar aid from other industries. This Board does not see in the present situation an emergency that would recommend a radical departure from the present practices of the Geological Survey.

As you were unable through other duties to attend the meeting of the Board at which this matter was discussed, we felt that you would want to be fully informed of our discussion. You will understand of course that whatever may be the final decision concerning this project, the Board and the Geological Survey are ready at all times to render every possible service in the interest of the public welfare.

Yours very truly,

E. S. Bastin
A. C. Willard
W. A. Noyes

Committee of the Board of Natural Resources and Conservation

March 24, 1939

Dr. A. C. Willard,
President, University of Illinois
Prof. Edson S. Bastin,
University of Chicago
Prof. Wm. A. Noyes,
University of Illinois

Geological Survey Sub-Committee, Board of Natural Resources and Conservation

GENTLEMEN:

Permit me to thank you for your letter of February 28th containing the statement as to your attitude concerning the large scale testing programs of Illinois coal by our State Geological Survey. After reading with interest, I presented it to the Governor's Committee at its meeting on last Tuesday.

It was the consensus of opinion of the Committee that the policy as outlined in
your letter was wise, but in this particular instance the Committee feels there is a critical need for such a special program at this time.

It was recommended to Acting Governor Stelle that an appropriation in the amount of $300,000 be requested to execute the program for the study of Illinois coal as outlined by the State Geological Survey.

Yours very truly,

JOHN J. HALLIHAN
Director

On motion of Mrs. Plumb, the President of the University was requested to secure an amendment to this bill to eliminate the provision that the laboratory should be constructed adjacent to the new Natural Resources Building and to provide for the location of such a structure on the campus of the University at a point to be designated by the Board of Trustees.

NAMING OF CHEMICAL LABORATORY

(29) A recommendation from the Head of the Department of Chemistry and from the Dean of the College of Liberal Arts and Sciences that the chemistry laboratory be named the “William Albert Noyes Laboratory of Chemistry” in honor of Dr. W. A. Noyes, Professor of Chemistry, Emeritus, who has been for many years a distinguished member of the faculty of the University and is one of the country’s eminent scientists. I also submit letters concerning this proposal from Professor Roger Adams and Director C. S. Havens which are hereby given to the Secretary of the Board for record.

On motion of Mr. Cleary, this recommendation was adopted.

EXTENSION OF TIME FOR COMPLETION OF ILLINI UNION BUILDING

(30) It is necessary for the University to request an extension of time for the completion of the Illini Union Building. Formal action requesting such extension should be taken by the Board.

On motion of Mr. Karraker, the following resolution was adopted:

The Board of Trustees of the University of Illinois hereby respectfully requests the Federal Emergency Administration of Public Works to grant an extension of time for the completion of the Illini Union Building (P.W.A. Project Ill. 1745-F) to June 1, 1940. In support of this request the Board offers the following statements:

1. Work remaining to be done and estimated cost thereof. The provision of all footings and foundation walls is nearing completion. The diversion of utilities around the site and the installation of new utility connections required have been previously completed. All other work to complete the building remains. The estimated cost of uncompleted work is $825,000.

2. Difficulties encountered since established starting date. Although the project has been kept continually in operation since the award of rather extensive diversion contracts last October, and later a foundation and excavating contract, so that there has been no lag in the progress of the work, the nature of the building is such that it has been impossible to complete the architectural and engineering design for the building proper until the present time. Bids for all construction trades will be received on May 16, 1939. Equipment and furnishings are being handled from funds independent of the P.W.A. program. An indication of the involved nature of the building and the complications met in its design is evidenced by the fact that, although the general contract drawings and specifications were held to a minimum, the working drawing set consists of 60 large sheets, and some 366 typewritten sheets were required for the specifications.

3. Why additional time is needed to complete project. Although we did not realize the situation at the time of the offer, the one year allotted for completion of
this building was undoubtedly inadequate. If the completion dates of our two projects, No. 1962-F and No. 1745-F, had been reversed, we probably could have met completion dates on both without the necessity of a request for extension of time on either, but inasmuch as one year's time is hardly more than enough to actually construct Project Ill. 1745-F, even if drawings and specifications had been completed at the time the offer was received, it is necessary for us to request this extension of time due to the nature of the building itself.

CONTRACTS FOR NATURAL RESOURCES BUILDING

(31) Bids for work on the superstructure of the Natural Resources Building will be opened on May 9, shortly after which contracts will be submitted to the University for its approval pursuant to the agreement with the Department of Registration and Education. To avoid delay in starting the work, someone should be authorized to act for the Board of Trustees on the approval of the contracts unless the Board itself desires to meet for this purpose, or it happens that a meeting has been scheduled within a day or two after the contracts are ready. Consequently I would suggest that the Board give its President or the Chairman of the Committee on Buildings and Grounds authority to act on these contracts on May 10 or shortly thereafter.

On motion of Mr. Adams, the President of the University was authorized to award these contracts.

REHOUSING OF COLLEGE OF PHARMACY

(32) In the rehousing of the College of Pharmacy it was contemplated that eventually the activities carried on in the "New Pharmacy Unit," erected in 1926, would be transferred to the Medical and Dental Building, and the "New Pharmacy Unit" remodeled for use as a student-faculty-alumni center. To do this will require the use of part of the 7th and 8th floors on the Second Unit of the Medical and Dental Building, originally designed for the expansion of dental clinics. Such a change will centralize the work of the College of Dentistry in the upper floors as well as centralizing the activities of the College of Pharmacy. There is also involved a consolidation of certain laboratory programs of the Department of Anatomy in the First Unit in order to secure space on the 6th floor for Chemistry courses in Pharmacy. The future size of enrollments in Dentistry is also involved in this consolidation.

The question of the future size of the College of Dentistry is fundamental to this program. The College of Dentistry can not use the space under consideration on the 7th and 8th floors unless it has additional equipment. There are no funds for much if any additional equipment for Dentistry available now or in prospect during the biennium 1939-1941.

I recommend approval of the temporary use of the vacant space on the 7th and 8th floors of the Second Unit but that no final decision as to the enrollment in Dentistry be made until the new general administrative officer in the Chicago Department has been appointed and can be consulted.

Mr. Wieland offered a motion that the use of the space be authorized as recommended.

Mrs. Plumb offered a substitute motion that action be deferred until after the appointment of the new Dean of the College of Pharmacy. On vote, the substitute motion did not prevail, and Mr. Wieland's motion was then adopted.

TWO-YEAR PRE-FORESTRY CURRICULUM

(33) The University Senate recommends that the Board of Trustees approve the following two-year pre-forestry curriculum to be offered by the College of Agriculture, which has been proposed by the faculty of the College to meet a demand for well-trained persons.
The September meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Saturday, September 30, 1939.

The following members were present: President Mayer, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Karraker, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, Director C. S. Havens, and Mr. H. E. Cunningham, Secretary.

**MINUTES APPROVED**

The Secretary presented the minutes of the meetings of May 26, June 8, July 14, and July 21, 1939, and, for record, the minutes of the Executive Committee Meeting of August 3, 1939.

On motion of Mr. Jensen, the minutes were approved and received for record as printed on pages 315 to 377 and 550 to 552 above. Action on the minutes of July 21 was deferred (see page 582).
MEETINGS OF THE EXECUTIVE COMMITTEE
The Secretary presented for record the minutes of meetings of the Executive Committee August 23 and 29, 1939.

MEETING OF THE EXECUTIVE COMMITTEE, AUGUST 23, 1939
A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University Club, in Chicago, at 2:15 p.m. (Chicago Daylight Saving Time) on Wednesday, August 23, 1939.

Mr. Oscar G. Mayer, Chairman, and Mr. Louis C. Moschel and Mrs. Glenn E. Plumb, members of the Committee, were present. Director C. S. Havens of the Physical Plant Department was present and acted as Clerk.

The Executive Committee considered the following matters.

NATURAL RESOURCES BUILDING
The requests of the State Architect and of Director M. M. Leighton for the approval of changes in the Natural Resources Building to provide for the construction of the Industrial Research Laboratory adjacent to the Natural Resources Building were presented.

In view of the previous action of the Board on this matter (Minutes, April 27, 1939, page 294), the Executive Committee refused to take action, and therefore postponed consideration of all questions with respect to the site and to changes in the Natural Resources Building to provide for the Industrial Research Laboratory until the full Board could act. The Executive Committee was not favorably inclined toward the proposal to construct the building on the site adjacent to the Natural Resources Building, based on information received to date from the State Geological Survey.

CINDER CATCHERS FOR POWER PLANT
The bid of the Buell Engineering Company in the amount of $13,000 for cinder catchers for the new Power and Heating Plant was accepted, and the contract was awarded to this firm.

PROGRESS ON ILLINI UNION BUILDING
Recent correspondence from the Public Works Administration expressing dissatisfaction with the progress on the Illini Union Building was presented, and the action of the Physical Plant Department in calling in the bonding company of the general contractor was approved.

The Executive Committee adjourned.

C. S. HAVENS, Acting Clerk

OSCAR G. MAYER, Chairman

LOUIS C. MОССHEL

MRS. GLENN E. PLUMB

MEETING OF THE EXECUTIVE COMMITTEE, AUGUST 29, 1939
A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University Club, in Chicago, at 2:15 o'clock p.m. (Chicago Daylight Saving Time) on Tuesday, August 29, 1939.

Messrs. Oscar G. Mayer and Louis C. Moschel and Mrs. Glenn E. Plumb, members of the Executive Committee, were present; also Judge Sveinbjorn Johnson, University Counsel.

The meeting was called to order by Mr. Mayer, President of the Board and Chairman of the Executive Committee.

Mrs. Plumb offered the following resolution:

Be it resolved, that in the absence of H. E. Cunningham, Secretary of the Board of Trustees and Clerk of the Executive Committee, Sveinbjorn Johnson, University Counsel, be and he is hereby appointed Secretary of the Board of
all Salaries, Wages, Fees and other compensation for services rendered to the State and to make a study of all License Tax Fees where such Fees are for services rendered by the State; and

Whereas, The law further provides that the Commission shall meet during the intervals between the Regular Sessions and shall present a report, with its recommendations, to the Governor; and

Whereas, In the interest of efficiency and economy in State Government it is important that the Commission make a detailed and thorough investigation of all expenditures of moneys appropriated by the General Assembly and to advise with the various State Department Heads concerning the necessity for proposed expenditures; and

Whereas, It is imperative that all Income and License Tax Fees accruing to the State from any and all sources be equitably apportioned; and

Whereas, It is essential that the study of the Standardization and Classification of Salaries and Wages be continued; and

Whereas, In order to facilitate the detailed and thorough investigations, which it is incumbent by law upon the Commission to make, His Excellency, Governor Henry Horner has issued an Executive Order to all Code Department Heads urging their cooperation with the Commission; and

Whereas, The Elective State Officers have heretofore always exhibited a willingness to cooperate with this Commission and this Commission is anxious that such cooperation be continued; therefore, be it

Resolved, That the Commission communicate with all Elective Officers of the State, requesting continued cooperation from their respective Departments; and be it further

Resolved, That the detailed work of the Commission be assigned to three separate Sub-Committees, as follows: (1) Committee on Expenditures—Clifford, Chairman, Cutler, Loughran, Boyle, Ex-Officio; (2) Committee on Income and License Tax Fees—Green, Chairman, Cutler, Searcy, Boyle, Ex-Officio; (3) Committee on Standardization and Classification—Searcy, Chairman, Green, Loughran, Boyle, Ex-Officio; and be it further

Resolved, That, for the purpose of receiving the reports and recommendations of the above mentioned Committees, the meetings of the Illinois Budgetary Commission shall be held on the first and third Wednesdays of each month in its office in the State Capitol Building.

THE ILLINOIS BUDGETARY COMMISSION

This report was received for record.

GEOLOGICAL SURVEY APPLIED RESEARCH LABORATORY

(25) The Sixty-first General Assembly appropriated $300,000 to the State Geological Survey for a two-year demonstration-test program for an investigation of, and experimentation with, Illinois coal products, including the construction and maintenance of an Applied Research Laboratory. The appropriation was vetoed in part by the Governor, the following items being approved:

Smokeless briquets from Illinois coals

For construction, installation, and operation of one unit briquetting machine and one pre-heater, and accessory equipment, for demonstrating the Geological Survey's new briquetting process for producing briquets from Illinois coals in commercial quantities... $ 60,000

For salaries and wages, at not to exceed the annual rates herein specified... .................................................. 24,000

One technologist at $4,000 to $5,000 per annum,

Assistants at $1,500 to $2,000 per annum.

For travel at $500 per year for two years.......................... 1,000

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For construction of Applied Research Laboratory

With service connections, to be located at Urbana-Champaign as a building related to the Natural Resources group. Cooperative agreements may be entered into with Federal agencies by which additional funds may be secured from the Federal government. Approximately 60 feet wide by 104 feet long by 45 feet high containing approximately 270,000 cubic feet.

Total ........................................... $180,000

Items vetoed were:

Coke for the domestic market (household use)

For construction, installation and operation for two years of two experimental ovens and accessory equipment, for determining the commercial feasibility of methods having commercial promise... $30,000

For salaries and wages, at not to exceed the annual rates herein specified.

One technologist at $4,000 to $5,000 per annum.
Assistant technologists at $1,500 to $3,000 per annum.

For travel at $500 per year for two years .............................. 1,000

Better stoker and pulverized fuels for both industrial and domestic uses

4 domestic-type stokers ........................................ $800
4 boilers ..................................................... 500
2 steam driers ............................................... 200
Instrumentation ............................................. 5,000
Analytical equipment ........................................ 1,000
Coal-washing equipment ...................................... 1,000
Accessory equipment and operation .......................... 1,600

Total .............................................. 10,100

For salaries and wages, at not to exceed the annual rates herein specified.

Technologists and assistant technologists at $1,600 to $2,400 per annum.
Consultant services $1,000 per annum.

For travel at $1,000 per year for two years ..................... 2,000

For clerical hire

For salaries and wages, at not to exceed the annual rates herein specified.

Clerks and stenographers at $1,200 per annum.

Printing of reports ........................................... 5,000

Total ............................................. $120,000

The law as passed contemplated setting up a definite three-point program of the commercial development, by the State Geological Survey, of devices and processes for the use of Illinois coal on a more attractive economic basis than now exists. This program included:

(1) Applied research on coking Illinois coal, certainly a smoke producing process.

(2) Development of machinery or plant for making briquets from Illinois coal. This involves pre-heating of the coal used with the likelihood of creating a smoke nuisance wherever the work is done.

(3) Development of stokers for burning Illinois coal without smoke. Such devices in the experimental stages would create more or less smoke.

The Governor’s veto eliminated funds for items (1) and (3), leaving provision for only the briquetting work.

The State Architect and the Geological Survey are making plans on the assumption that the Applied Research Laboratory will be adjacent to the south end of the Natural Resources Building. In fact, the contractor is postponing
certain work until this question is settled. The Board of Trustees, on April 27, 1939 (Minutes, pages 291-294), formally expressed its objection to the provision in the appropriation bill for this program specifically locating the laboratory on that site. The bill was amended to provide that the laboratory shall be located at Urbana-Champaign, "as a building related to the Natural Resources group," leaving the exact location to be determined by the Board of Trustees and the State Department of Registration and Education.

On the basis of information submitted by the Geological Survey, the Director of the Physical Plant Department has arrived at certain conclusions which he submits for consideration by the Board:

1. Several functions of the Geological Survey originally to be housed in the Natural Resources Building will be transferred to the Applied Research Laboratory. This is of no major concern to the University in view of the space in University buildings to be vacated by the Surveys, but is the responsibility of the Natural Resources Board.

2. The total fuel consumption per day of the Geological Survey equipment will be relatively low. In fact, the only unit of any capacity now contemplated is one industrial stoker with a capacity of 1,000 lbs. per hour, which will, according to the officials of the Geological Survey, be used only for preheating the coal to make the briquets. The Physical Plant Department was advised orally that, if this equipment proved to be a nuisance, gas would be burned instead of coal.

3. The total annual building operation and maintenance cost will be approximately $3,400, assuming that the Survey will continue to pay for all gas to be consumed in the building. Provision for this was not included in the present appropriation to the Physical Plant Department, and a special appropriation will be needed to cover this expense. The Director discussed this question with the Chief of the Geological Survey and advised him that the University had made no provision for this expense in the budget. The latter was quite surprised at this as he had assumed there could be no question raised as to the responsibility for such services.

4. The University is concerned over the proposed location because of the following considerations:
   a. The architectural appearance will be anything but an asset to that part of the campus. The four chimneys rising to a height of four to six feet above the ridge of the Natural Resources Building, and 43 feet above the top of the parapet wall of the Applied Research Laboratory, will be very unattractive until east and west wing additions to the Natural Resources Building shield it from view.
   b. The fumes, dust, and smoke normally exhausted from such chimneys will create a public nuisance in that section of the campus due to the fact that the prevailing winds are in the main from the southwest. In considering this problem, the Board should recall that the University, in locating the new Power Plant adjacent to the Illinois Central Railroad, has made a sizeable investment to see that such a nuisance will not be created by the new Power Plant.
   c. Even though the University is assured that the program which the Geological Survey has outlined will not be objectionable, it may later start a program which might be even more of a nuisance than that now proposed.

5. While the appearance of the building will not be an asset to the campus, it must be admitted that the Dairy Manufactures Building is not any better. Eventually, of course, the Natural Resources Building will be enclosed and seen only from the service drive (now Pennsylvania Avenue). In other words, as far as appearance is concerned, it seems doubtful that the University is justified in rejecting the proposed site for that reason alone.

6. Although the staff of the Geological Survey will agree now to almost any condition imposed, it is doubtful that they appreciate all of the practical difficulties involved in maintaining a clear stack. Even though they use scrubbers, they will probably have a white plume from the stacks which the Physical Plant Department believes should not be permitted. However, in view of the fact that the only unit of large capacity can be changed to gas firing, it is believed the gases from the other equipment now proposed will not be objectionable.
(7) The problem seems to be not whether the building is objectionable in appearance or whether gases from the equipment now proposed will create a nuisance, but what will the future programs be? Therefore, the real question is, can an agreement now be drawn to limit the future use of the building to that approved by the University?

(8) If such an agreement can be made, the Physical Plant Department would approve the site subject to the following conditions:

(a) That the University approve the design of all fuel-burning equipment.
(b) That exhaust from the stacks shall at all times be invisible—white plumes will not be permitted.
(c) That all gases from fuel-burning equipment shall pass through wet-type scrubbers.
(d) That the Survey shall continue to assume the cost of all gas consumed.
(e) That the Geological Survey shall agree to remove from the building at its expense any operation or equipment which the University may consider the cause of a public nuisance.

(9) In view of the limitations on the use of the building which the University should insist upon for the protection of the campus and the public, the Director of the Physical Plant Department recommends that the Geological Survey be urged to select a site in the vicinity of the new Power Plant. On such a site, the future research programs would not be so restricted.

On motion of Mrs. Plumb, the Board reaffirmed its action of April 27, 1939 (Minutes, page 294), that the Coal Research Laboratory be not located in the area of the Natural Resources Building.

Mr. Moschel offered the following resolution, and moved its adoption. On vote, the resolution was forthwith adopted unanimously.

RESOLUTION

Whereas a report from the Director of the Physical Plant Department shows that the question of a site for the industrial research laboratory which is to be used by the Geological Survey should be settled without delay;

Now, therefore, be it resolved that the Board grant a site for the construction of a building to be used as an applied or industrial research laboratory by the Geological Survey, in which, among other equipment, there will be installed a briquetting machine and a preheater for demonstrating a process for producing briquettes from Illinois coals in commercial quantities, and for conducting industrial research in fuels; and which building, after the completion of the program above described, will become available to the Geological Survey for general laboratory purposes in connection with its work in investigating means of developing the geological resources of the State;

Be it further resolved that the site which the Board will assign for the location of the applied or industrial research laboratory for research in fuels as above described shall be in the vicinity of the new Power Plant, inasmuch as it is the policy of the University to locate new structures of this general type away from academic buildings.

RESPONSIBILITIES OF STATE BOARD OF NATURAL RESOURCES AND CONSERVATION PURSUANT TO LEGISLATION AUTHORIZING EXPERIMENTATION WITH ILLINOIS COAL BY STATE GEOLOGICAL SURVEY

(26) The State Board of Natural Resources and Conservation (an administrative agency whose function under the law is to decide all matters pertaining to the State scientific surveys, including research, investigational and scientific work, selection and appointment of members of the scientific staff, cooperation with the University in the use of scientific staff and equipment, and cooperation with allied divisions and departments of the government) has formally defined its responsibilities pursuant to certain legislation pending before the 61st General Assembly of Illinois as follows:
1. House Bill No. 557, 61st General Assembly, 1939, is a Bill "For an Act making an appropriation for a two-year demonstration-test program for investigation of an experimentation with Illinois coal products, for the construction and maintenance of a laboratory and for salaries and wages."

2. This Bill originated in a special committee appointed by Acting Governor John Stelle and consisting of the following members: J. J. Hallihan, Director of the State Department of Registration and Education and Chairman of the State Board of Natural Resources and Conservation; M. M. Leighton, Chief of the State Geological Survey; James McSherry, Director of the State Department of Mines and Minerals; State Representative Cal Johnson of Belleville; State Senator R. Wallace Karraker of Jonesboro; and C. W. Woosley, Managing Superintendent of the Pyramid Coal Corporation of Pinckneyville.

3. The Bill was first brought to the attention of our Board at its regular meeting held in Urbana on February 21. At that meeting, which Chairman Hallihan unfortunately could not be present because of the press of other duties, the proposed Bill was discussed in all its implications.

4. As an outgrowth of this discussion a memorandum was prepared and was forwarded to Director Hallihan, a copy of which is attached herewith for incorporation in the minutes. In essence this memorandum stated that in the opinion of the Board the State's experimental work in aid of the mineral industries should as a matter of general policy be limited to small-scale laboratory operations. It also stated that "whatever may be the final decision concerning this project, the Board and the Geological Survey are ready at all times to render every possible service in the interest of the public welfare."

5. In reply to this memorandum Director Hallihan replied under date of March 24, as follows:

"Permit me to thank you for your letter of February 28 containing the statement as to your attitude concerning the large scale testing programs of Illinois coal by our State Geological Survey. After reading with interest, I presented it to the Governor's Committee at its meeting on last Tuesday.

"It was the consensus of opinion of the Committee that the policy as outlined in your letter was wise, but in this particular instance the Committee feels there is a critical need for such a special program at this time.

"It was recommended to Acting Governor Stelle that an appropriation in the amount of $300,000 be requested to execute the program for the study of Illinois coal as outlined by the State Geological Survey."

6. In the event of the passage of this Bill responsibility for the successful carrying out of its provision will rest with the State Geological Survey under the general supervision of the Board of Natural Resources and Conservation. The present facilities of the Geological Survey will be promptly augmented to meet the requirements of this Bill as completely as possible within the two-year period of the appropriation. It is self-evident that experimentation in coal preparation and utilization on a scale more closely approaching commercial practice may reduce but cannot wholly remove the hazards involved in commercial development and that industry itself must supply the final and complete test of the success of new methods.

While the Board accepts, and will discharge as effectively as possible, the responsibilities implied in this legislation, the Board again calls attention to and emphasizes the following statement made in the letter of February 28, 1939, from the State Geological Survey Sub-committee of the Board to the Director of Registration and Education and Chairman of the Board of Natural Resources and Conservation:

"The costs of the two-year program as estimated by Dr. Leighton appear conservative for the type of work contemplated. Such a commercial development program as is here suggested, involving both technical and economic problems, almost invariably expands both in cost and in time required as the work proceeds and unforeseen difficulties are encountered. It is practically impossible to place a definite time limit on either a scientific research project or a commercial development program based on scientific research."
In other words, while the Geological Survey will do everything possible within the time limit and with the funds available to prosecute vigorously and effectively whatever program is undertaken, neither the Survey nor the Board can give any assurance that a commercially practicable or economically satisfactory solution of any of these industrial problems will be secured.

This report was received for record.

**AGREEMENTS FOR COOPERATIVE INVESTIGATIONS**

(27) A report of the approval of the following agreements for cooperative investigations:

1. United States Department of Agriculture, Soil Conservation Service.—Determination of methods of soil and water conservation on the brown loess and border Ozark soils in the Mississippi-Ohio Valley Region, by the Agricultural Experiment Station. This is an extension of an existing agreement for the period July 1, 1939, to June 30, 1940.

2. United States Department of Agriculture, Soil Conservation Service, and the Illinois Department of Registration and Education, Water Survey Division.—Study of reservoir sedimentation resulting from erosion, by the Agricultural Experiment Station. This is an extension of an existing agreement for the period July 1, 1939, to June 30, 1940.

3. Corn Products Refining Company.—To determine the digestibility by beef cattle of corn gluten feed, containing approximately 20 and 25 per cent of protein, and of "sweetened feed." This investigation is to be conducted by the Agricultural Experiment Station. The agreement is drawn for a period of ten months from September 1, 1939, to July 1, 1940, with provisions for its extension upon mutual agreement. The Company agrees to contribute $1,000 for the support of this study.

4. The Quaker Oats Company, Chicago.—Study of the influence of vitamins B, and D, especially such as are contained in irradiated oats, on carbohydrate metabolism and the storage of glycogen by the College of Medicine. The agreement is drawn for a period of one year from August 1, 1939, with provisions for its extension, and the Company has agreed to contribute $3,000 for the investigation.

5. Musher Foundation, Incorporated.—To study the anti-oxident properties of oat flour in the preservation of meat, by the Agricultural Experiment Station. This is a renewal of an investigation approved by the Board March 9, 1937 (Minutes, page 197), for a period of ten months beginning September 1, 1939. The Foundation agrees to contribute $250 and the oat flour for the support of this study.

On motion of Mr. Jensen, the execution of these agreements was confirmed.

**PATENT OF COLD CATHODE RECTIFIER TUBE**

(28) On January 29, 1937 (Minutes, page 158) the Board authorized an application for a patent on a cold cathode rectifier tube developed by Professor Charles T. Knipp (now retired) of the Department of Physics. The application was not ready until August, 1939; indeed, the discovery had not reached such a stage of development as to justify an earlier application.

While Professor Knipp discovered the principle on which this discovery is based during his active service, the developmental and experimental work leading to the completed discovery was done mainly after his retirement on September 1, 1937. He has filed with the Faculty Committee on Patents a proposal (1) that the application authorized in 1937 be now filed, (2) that the University pay the costs thereof, and (3) that if the discovery has commercial possibilities, the University shall be reimbursed from any license fees derived from the discovery for all expenses incurred and the balance, if any, shall be divided equally between the University and the discoverer.

In the case of another patented discovery made by Professor Knipp and Mr. II. A. Brown a number of years ago (a detector tube), the patent was sold and
The December meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10:30 a.m. on Monday, December 18, 1939.

When the Board convened, the following members were present: Mr. Jensen, Mr. Karraker, Mr. Moschel, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Professor Lloyd Morey, Comptroller, Mr. C. S. Havens, Director of the Physical Plant Department, and Mr. H. E. Cunningham, Secretary.

The Board took a recess.
MATTERS PRESENTED ON BEHALF OF PRESIDENT WILLARD

The Executive Committee considered the following matters presented on behalf of the President of the University.

STRIKE OF STEAM FITTERS AND PLUMBERS ON CONSTRUCTION OF ILLINI UNION BUILDING, GREGORY HALL, AND THE NATURAL RESOURCES BUILDING

All members of the Board of Trustees have already been informed that the steam fitters and plumbers employed on the Illini Union Building, Gregory Hall, and the Natural Resources Building (under construction by the State of Illinois, Department of Public Works and Buildings) were ordered by a representative from the national headquarters of the United Association of Journeymen Plumbers and Steam Fitters to cease work on these buildings effective January 2, 1940. While so far this strike involves only one of the crafts, it affects other contracts and its implications are far-reaching. Delays through cessation of work on these three buildings, which are PWA projects, are bound to result in additional costs to the University and to the State. They may endanger Federal grants for these buildings if they are not finished within the period stipulated in each case. So long as this strike continues the University has these alternatives:

1. Permit other contractors to proceed with their work and later have the plumbing and steam services installed, with such patching and cutting as would be necessary.
2. Order the general contractors to proceed with only such work as is possible without the cooperation of the heating and plumbing contractor.

Either policy will result in increased costs, the amount of which will depend on the duration of the strike. The second alternative seems to be the more expedient since the excess costs will be lower and the appearance of the completed buildings will be less affected. Accordingly, the Physical Plant Department has notified contractors to postpone such work as may be necessary in order to permit the heating and plumbing contractors to complete their work later. It should be noted here that the contracts offer the contractors an opportunity to obtain extensions in the completion dates in the event of strikes.

The reasons given by representatives of the labor organization mentioned above for this strike are:

1. The University is installing the piping in the tunnel and distribution system, under construction as part of the new Power Plant, itself instead of awarding a contract for this work.
   In this connection the following statement is offered for the record:
   In keeping with its practice of having all new construction work done on contract, as far as possible, the University advertised for bids for the installation of piping and accessories in the tunnel and the distribution system now under construction as part of the new Power Plant. These bids were presented to the Board of Trustees on October 20, 1939. The bids ran from $76,877 to $102,770, whereas the estimate and the funds assigned for this phase of the work were $66,500. Consequently the Board rejected all bids on the ground that they were too high and the Physical Plant Department was authorized to take bids on materials. These were presented to the Executive Committee of the Board on November 1, at which time contracts for the purchase of piping and accessories were awarded and "the Physical Plant Department was authorized to proceed with the installation of pipe and bilge pumps, pursuant to the action of the Board on October 20, 1939, in view of the material saving of funds which will result therefrom and which is so essential to the completion of the Power Plant and Distribution System." (Minutes, page 650.)
2. The union alleges that the University is proposing to employ only its regular maintenance men on the piping installation job.
3. Notwithstanding that the University proposes to employ only union labor on this job, the union prefers to have its men work for a private contractor rather than a State agency because (a) contractors provide accident compensation insurance for their employees and claims are adjudicated by the Illinois...
Industrial Commission, whereas the only recourse State employees have to recover damages is through the Court of Claims and appropriations made by the General Assembly to pay the awards made by that Court; and (b) employees of contractors are under the provisions of the Federal Social Security Act which does not apply to State employees.

The complaint in item 2 above was based on misinformation. The union has been informed that the University proposes to augment its regular employees with union labor supplied by the local plumbers and steam fitters organization in conformity with all union regulations and requirements, and under conditions entirely satisfactory to the local union on the installation of the piping in the Power Plant tunnel. Item 1 cannot properly be of concern to the union, especially when it has been shown that the State of Illinois will save at least $10,000, and possibly more, if the University does the work instead of awarding a contract on the basis of bids previously received and rejected.

The only argument which the union has left is item 3 above, namely, that under a private contractor the workmen will have certain privileges, such as those provided under the Federal Social Security Act and workmen's compensation insurance, which are not available to University employees since it is an agency of the State. In connection with this point at issue the University of Illinois Foundation has made the following offer.

UNIVERSITY OF ILLINOIS FOUNDATION
725 South Wright Street
Champaign, Illinois

Mr. H. E. Cunningham, Secretary
Board of Trustees of the University of Illinois
Urbana, Illinois

My dear Mr. Cunningham:

The Foundation has received notice of a strike which involves a stoppage of work on the tunnel which the University proposed to construct itself in connection with the erection of the Power Plant, construction of which was authorized by the General Assembly at the last session. Inasmuch as the tunnel is intended to provide steam for heating and other purposes and power for lighting and other purposes, serviced from the new Power Plant, for use in the Illini Union Building which is now under construction for the University of Illinois Foundation, pursuant to an agreement between the Board of Trustees and the Foundation entered into in 1938, the Foundation is vitally concerned in a satisfactory program of construction both of the tunnel and of the Power Plant. As you know, the Foundation has borrowed over $600,000 and contracted to begin making payments of interest and principal this year; the University has agreed to rent the building from the Foundation at a rental sufficient to discharge the principal and interest annually payable on this loan; therefore the Foundation will be unable to meet its obligations under the loan contract aforesaid if anything occurs to delay the completion of the building and the leasing of the same for use by students prior to the date when the first payments must be made in 1940.

Moreover, the unpaid portion of the federal grant for the construction of this building, amounting to $274,820.00, will be lost if the project is not completed before the deadline under the congressional act, which is I believe June 30, 1940. If the grant be lost, the building cannot be completed, as neither the Foundation nor the University has funds available for such a purpose. It will, therefore, stand useless, and the Foundation will be confronted with a large obligation, with the source for the payment of which as planned entirely cut off.

In order to avoid this unmixed calamity to the Foundation, the University and the community and the State of Illinois, the Foundation submits the following proposal, calculated to meet the major conditions which, as I understand, led to the strike.

The Foundation will employ plumbers and steam fitters in such numbers
as may be required to complete the tunnel at union wages, to work under union conditions and union hours; it will provide workmen's compensation insurance according to all such men all the privileges of the State workmen's compensation law; and it will provide such employees all the privileges to which they may be entitled under the federal social security law. In short, the Foundation proposes to make these men its employees for the purpose of insuring that they shall be denied no substantial privileges to which they would be entitled and which they would receive if they were employed by a private contractor engaged on a similar construction job.

The Foundation of course expects the University to reimburse it fully for the wages, insurance premiums, and social security payments made pursuant to the foregoing proposal. This I assume the University can do, because in the main, except for the social security payments, the policy of the institution is and has been to employ only union men at the regular scale of wages and hours and conditions stipulated by the union, as well as to protect its employees in conformity with the State workmen's compensation law.

The Foundation feels justified in making this proposal as above stated in order to prevent a catastrophe which would deny the students the use of the facilities of the Illini Union Building and cost the Foundation and other interested parties several hundred thousand dollars.

I see no reason why there should be objection on the part of the Board to reimburse the Foundation on account of social security payments, because, in any event, the University is obliged to make such payments to the contractor when contracts are let to private parties, inasmuch as this tax is included in the bids.

Very truly yours,

UNIVERSITY OF ILLINOIS FOUNDATION

By JAMES C. COLVIN, Secretary

Director Havens and Judge Johnson made statements concerning a conference which they had on January 3 with representatives of the United Association of Journeymen Plumbers and Steam Fitters and a Conciliator from the State Department of Labor, requested by the latter on behalf of the union. It was at this conference that the reasons for the strike, as set forth in the above statement, were presented by representatives of the union to the University.

After full discussion and consideration of all aspects of the situation as presented, the Executive Committee reaffirmed the position that the University reserves the right to do such work with its own employees as the public interest requires and that it cannot sacrifice so important a principle. In restating its position, the Committee issued the following statement to clarify the legal questions as well as considerations of public policy involved.

The Executive Committee of the Board of Trustees of the University of Illinois met on January 5 to consider the strike called by the United Association of Plumbers and Steamfitters, through its national office in Washington, on three new buildings now under construction on the campus of the University at Urbana. The avowed purpose of this strike, according to statements made to University officials by representatives of the Union, is to persuade the University to let a contract for the installation of piping and accessories in a tunnel which is under construction as a part of the new Power Plant to a private contractor. The Board of Trustees of the University had previously rejected bids received on this installation because they were too high and in excess of funds available for this phase of the work. In rejecting these bids, the Board also authorized and directed its Physical Plant Department to install the piping with Union labor employed by the University.
This is no new policy as far as the University is concerned. It has many times since its organization constructed buildings and completed improvements when, for one reason or another, the public interest seemed better served by not letting the job to a private contractor. This policy has resulted in large savings to the State and in no detriment to any labor interest. In the present instance the net savings to the State would exceed $10,000. In all construction work undertaken by the University, only union men have been employed and for union wages, on union hours, and under union conditions; men injured in the course of the employment have been compensated regularly on the scale provided in the State Workmen's Compensation law, and no complaint on this score has ever been made by any employee; and the relations of the University with local union men and local union leaders have been uniformly cordial and mutually satisfactory. From statements made by representatives of the union to University officials on Wednesday, it appears that the fact that the local union is not complaining on any point is of no consequence since the national union came into the picture and ordered the strike.

When pressed for reasons for ordering a strike on three buildings now under construction on the campus by contractors having no connection whatsoever with the tunnel project, it was stated that the following reasons led to the decision to demand that the University engage a private contractor: (1) inadequate protection under the workmen's compensation and occupational disease law if the University did the work; (2) loss of social security privileges if the University rather than a private contractor did the work.

The University is entirely willing, is prepared and will assure the labor organization concerned that the following conditions will be observed in the installation of the piping in the tunnel by the University or under its supervision: (1) the University is prepared and has made tentative arrangements to provide workmen's compensation insurance which will accord to all men employed on the project all the rights and privileges available to them under the state workmen's compensation and occupational disease law; (2) the University will provide such employees all the privileges to which they may be entitled under the federal social security law; and (3) in accordance with established policy the University will employ on this job only union plumbers and steam fitters, in such numbers as may be required to complete the installation, at union wages and under all customary union conditions.

The Executive Committee believes that the foregoing proposal in substance meets all objections which were assigned by representatives of the union at the conference on Wednesday against construction by the University rather than by a private contractor.

On one point the University's position must be made clear. It cannot agree to waive the duty or surrender the power it now has under the law to do its own work when, in the judgment of the Board, the public interest will be best served thereby. Under its charter the General Assembly has made it the duty of the Board of Trustees and explicitly empowered it to provide building facilities and equipment to operate the University of Illinois. This power the Board has many times performed and will not surrender by contract or otherwise.

The President of the University was authorized to formulate and transmit to representatives of the union the proposals set forth above. On motion of Mr. Moschel, the Executive Committee authorized acceptance of the offer of the University of Illinois Foundation when and if the United Association of Journeymen Plumbers and Steam Fitters agrees to the conditions set forth therein.

RESOLUTIONS APPROVING COMPLETION OF CONTRACTS ON P.W.A. PROJECTS

The Director of the Physical Plant Department presented the following resolutions.
The June meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. (Central Daylight Saving Time) on Friday, June 28, 1940.

When the Board convened, the following members were present: President Pogue, Mr. Cleary, Mr. Jensen, Mr. Karraker, Mrs. Plumb, Mr. Wieland. Mr. Kenney E. Williamson, appointed June 21, 1940, to the vacancy caused by the death of Mr. Louis C. Moschel, was present for the first time.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, and, during part of the day, Dr. R. B. Allen, Executive Dean of the Chicago Colleges, Judge Sveinbjorn Johnson, University Counsel, Professor Lloyd Morey, Comptroller, Director C. S. Havens of the Physical Plant Department; and Mr. H. E. Cunningham, Secretary.

MINUTES APPROVED
The Secretary presented the minutes of the meetings of April 25 and May 28, 1940, and, for record, minutes of meetings of the Executive Committee of April 25, May 20, May 28, and June 7, 1940.

On motion of Mr. Jensen, the minutes were approved and received for record as printed on pages 795 to 968 above.
Board of Trustees to meet with his Board some time this fall for a joint discussion of plans and projects to be developed in the future.

This report was received for record.

**DEDICATION OF NATURAL RESOURCES BUILDING**

(44) The Chiefs of the State Geological and Natural History Surveys have proposed a formal dedication of the Natural Resources Building on November 14, 15, and 16, 1940.

Two national societies will be invited to meet here and at least two nationally known speakers will address the general meetings. There will also be inspection trips to various parts of the State. It is expected that 400 or 500 visitors will be here for the occasion.

The two Survey Chiefs wish to send invitations in the name of the Board of Natural Resources and Conservation and of the Board of Trustees of the University of Illinois and have desired me to ask if this is agreeable to your Board.

The Board saw no objection to these plans.

**STANDING COMMITTEES**

President Pogue announced the following revision of the standing committees of the Board, effective June 28, 1940.

- **Finance:** Oscar G. Mayer, Chairman, Orville M. Karraker, Karl A. Meyer.
- **Buildings and Grounds:** Kenney E. Williamson, Chairman, Oscar G. Mayer, Karl A. Meyer, Orville M. Karraker, Homer Mat Adams.
- **Sub-Committee on Landscaping:** Homer Mat Adams, Chairman, Mrs. Glenn E. Plumb, Orville M. Karraker.
- **General Policy:** James M. Cleary, Chairman, Oscar G. Mayer, Kenney E. Williamson.
- **Patents:** Orville M. Karraker, Chairman, Homer Mat Adams, James M. Cleary.
- **Chicago Departments:** Mrs. Glenn E. Plumb, Chairman, Karl A. Meyer, James M. Cleary.
- **Affiliated Student Activities:** Frank A. Jensen, Chairman, Mrs. Glenn E. Plumb, Oscar G. Mayer.
- **Student Welfare:** Mrs. Glenn E. Plumb, Chairman, James M. Cleary, Frank A. Jensen.
- **Alumni:** James M. Cleary, Chairman, Kenney E. Williamson, Homer Mat Adams.
- **Agriculture:** Karl A. Meyer, Chairman, Oscar G. Mayer, Orville M. Karraker.
- **Athletic Activities:** Frank A. Jensen, Chairman, James M. Cleary, Kenney E. Williamson.

**DEGREES CONFERRED IN JUNE, 1940**

The Secretary presented for record the following list of degrees conferred at the annual Commencement in June.

**SUMMARY OF DEGREES, JUNE, 1940**

Degrees in the Graduate School, conferred at Urbana:

- **Doctor of Philosophy** ........................................... 94
- **Architectural Engineer** ........................................ 1
- **Ceramic Engineer** ............................................. 1
- **Civil Engineer** ................................................ 5
- **Electrical Engineer** .......................................... 3
- **Engineer Physicist** ........................................... 1
- **Mechanical Engineer** ......................................... 1
- **Master of Arts** ............................................... 115
- **Master of Science** ......................................... 148

**Total, Graduate School, Urbana** ................................ 369