

The State Board of Regents met at the University of Iowa, Iowa City, Iowa  
on February 9, 10, 11, 1972. Those present were:

	<u>February 9</u>	<u>February 10</u>	<u>February 11</u>
<b>Members of State Board of Regents</b>			
Mr. Redeker, President	All Sessions	All Sessions	All Sessions
Mr. Bailey	All Sessions	All Sessions	All Sessions
Mr. Baldrige	All Sessions	All Sessions	All Sessions
Mrs. Collison	All Sessions	All Sessions	All Sessions
Mr. McCartney	All Sessions	All Sessions	All Sessions
Mr. Perrin	All Sessions	All Sessions	All Sessions
Mrs. Petersen	All Sessions	All Sessions	All Sessions
Mr. Shaw	All Sessions	All Sessions	All Sessions
Mr. Wallace	All Sessions	All Sessions	All Sessions
<b>Office of State Board of Regents</b>			
Executive Secretary Richey	All Sessions	All Sessions	All Sessions
Mr. Coffman	All Sessions	All Sessions	All Sessions
Mr. McMurray		All Sessions	All Sessions
Secretary Heldebrant		All Sessions	All Sessions
<b>University of Iowa</b>			
President Boyd	All Sessions	All Sessions	Arr. 9:25
Vice Provost Chambers	All Sessions	All Sessions	
Vice Provost Hardin	All Sessions	All Sessions	All Sessions
Director Hawkins			Arr. 11:30
Provost Heffner	All Sessions	All Sessions	All Sessions
Vice President Jolliffe	All Sessions	All Sessions	All Sessions
Director Strayer	All Sessions	All Sessions	Arr. 9:25
<b>Iowa State University</b>			
President Parks		All Sessions	Excused 1:30
Vice President Christensen		All Sessions	Excused 1:30
Vice President Hamilton		All Sessions	Excused 1:30
Vice President Moore		All Sessions	Excused 1:30
<b>University of Northern Iowa</b>			
President Kamerick		All Sessions	All Sessions
Business Manager Jennings		All Sessions	All Sessions
Provost Martin		All Sessions	All Sessions
Director Kelly		All Sessions	
Vice President Hansmeier		All Sessions	All Sessions
<b>Iowa School for the Deaf</b>			
Superintendent Giangreco		All Sessions	Excused
Business Manager Geasland	All Sessions	All Sessions	Excused
<b>Iowa Braille and Sight Saving School</b>			
Superintendent Rocco		Arr. 10:00 a.m.	Excused
Business Manager Berry	All Sessions	Arr. 10:00 a.m.	Excused

## GENERAL

President Redeker called the meeting of the Board of Regents to order at 1:30 p.m. on Wednesday, February 9, 1972. The following business pertaining to General or Miscellaneous items was transacted on Wednesday, February 9, 1972.

HEALTH EDUCATION SEMINAR. On the afternoon of February 9 the Board convened at the Oakdale Hospital for a review of problems and programs involving the health sciences departments of the University of Iowa. Dr. Robert D. Hardin, Vice-Provost and Dean of Health Affairs, accompanied by John W. Eckstein, Dean of the College of Medicine, reviewed problems involving a shortage of physicians in the state and nation. He told of programs designed to increase the enrollment of the school and raise the number of medical graduates remaining to practice in the state. The school is planning a series of Area Health Education Centers where family practice graduates will serve their residencies and thereby raise the statistical chance that they will remain in Iowa to practice. The number of medical graduates is expected to increase to 175 by 1974. He reported an increasing rate of attrition among College of Medicine faculty and said more money is needed for salary increases. Dr. Hardin also stated a program is being prepared to teach physicians assistants. These persons, drawn from fields with previous medical experience such as corpsmen from the armed services, of registered nurses, would perform some diagnostic and minor treatment services thereby freeing physicians for other work.

Dr. Donald Galagan, dean of the College of Dentistry, warned of a pending "dental crisis" in Iowa because of the developing shortage of dentists. He said in some areas of the state over half the dentists are in excess of 65 years of age. He noted that salaries for faculty at the College of Dentistry rate below salaries in the northeastern, southeastern and western states.

Dr. Louis C. Zopf, dean of the College of Pharmacy, reported new course offerings involving biopharmaceutics which will give special training to enable pharmacists

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to make sophisticated judgments concerning the comparative efficacy of various dosage forms and to increase their understanding of the process of drug absorption, distribution and metabolism. He said there is definitely a need for expanding pharmaceutical services for small hospitals and extended care facilities in Iowa. He said \$200,000 is needed to expand the staff.

Ms. Etta Rasmussen, acting dean of the College of Nursing, said thought had been given to extending the present four-year nursing program to five years but that the faculty had decided not to add a fifth year under the influence of a recent Carnegie Report "less time-more options". She said the College of Nursing students will be participating in the Area Health Education Centers.

The Board asked the University to review its Dental Service Plan and propose needed revisions.

Regent Collison expressed interest in the "humanistic" content of education in the College of Medicine and indicated that such content should be considered as an important component of the curriculum, particularly in the initial years. The statements and financial tables distributed during the presentation are on file in the Board Office as a part of the official minutes.

The following business pertaining to General or Miscellaneous matters was transacted on Thursday, February 10, 1972.

APPROVAL OF MINUTES. The minutes of the January 13-14, 1972 meeting were approved, as corrected.

CONTINUATION OF HEALTH EDUCATION SEMINAR. Dr. Robert Hardin and Mr. John Colloton were present for continued discussion with the Board. A general discussion was held on hospital costs, proposed salary increases, etc. The Board felt that there should be some emphasis placed on lowering the cost to the eventual consumer. Dr. Hardin replied that this is a service type industry with a large number of

personnel involved, and that the lessening of cost to the consumer would probably not come from the hospitals but rather through the physicians, clinics, etc. He pointed out that hospital costs may not trend downward but the usage of the hospitals may go down. President Boyd remarked that it is very important to have consumer input but this would increase cost because of the demands. The Board agreed that the public demand was incredible; however, they were hopeful that once the primary and secondary health delivery plans are reviewed the real goal should be through preventive medicine.

MOTION:

Mr. Baldrige moved that the Board adopt a resolution encouraging all university health care sciences to continue their experimentation in the area of health delivery systems. The motion was seconded by Mr. Wallace, and was passed unanimously.

A Board member remarked that he was in favor of the resolution but felt that it should be understood that such direction is not necessarily the top priority item of the Board because of other demands and limited resources.

CHANGE IN RESIDENCE REQUIREMENTS FOR MASTER'S DEGREE AT ISU. The Committee on Educational Coordination recommended approval of the proposal by Iowa State University for the elimination of residence requirements for the Master's degree.

In making this recommendation the Committee made the following points:

1. Current regulations at Iowa State require that 36 of the 45 quarter hours of credit needed for the Master's degree be taken on the ISU campus at Ames, except in the case of the Master of Engineering, for which only 12 quarter hours on the campus are required. The proposal would eliminate (not waive) this requirement for all Master's degrees.
2. The proposal does not affect the matter of transfer of credit from other institutions. A maximum of 12 quarter hours of transfer credits from other institutions would be permitted.
3. The proposal would not affect degrees other than the Master's for which residence requirements would remain as stated in the catalogue. For the Ph.D., at least half the minimum three-year period of full-time graduate study required must be in residence. Put another way, at least 54 quarter credits towards the Ph.D. must be earned at Ames.

4. All departments offering off-campus courses for graduate credit are required to submit detailed Concurrence Forms indicating the nature of the course, instructors, et cetera. For those courses carrying graduate credit only qualified members of the Graduate Faculty or those approved as Graduate Lecturers may teach. The availability of library or other special research facilities is taken into consideration. Many departments feel that they cannot offer courses off-campus, partly because of the special facilities required (in Veterinary Medicine, for example). Thus the recommended change in policy does not guarantee that all courses required for a Master's degree will be offered off-campus. It merely removes any limit on the credit from such courses that may be counted towards the degree, and allows departments to develop appropriate off-campus offerings, subject to the controls indicated.
5. Limitations on the amount of off-campus credit that may be counted towards a graduate degree do exist at the other two universities. The University of Iowa requires that 8 semester hours be taken on the campus. The University of Northern Iowa requires 6 semester hours on the campus, which must be taken during a single semester or summer session. At both the University of Iowa and the University of Northern Iowa, the matter is being discussed by the respective Graduate Councils and recommendations for further liberalization of regulations may be presented later. The Committee on Educational Coordination does not feel, however, that implementation of the recommended ISU policy should await the resolution of these issues on the other two campuses.
6. The Committee recommends that steps taken in recent years to assure uniform reporting of enrollments by the three universities be continued. In general, graduate students who are registered for on-campus and for off-campus courses should be reported but clearly differentiated.

The Board expressed concern that the course offered off-campus be of the same quality the students get if they take courses on campus. In response, the University stated that the change merely substitutes an off-campus site for what is now being done on-campus. Courses are identical but site is different. The quality of education is not lowered, but a Master's degree is made more accessible.

MOTION:

Mr. Wallace moved approval of the elimination of residence requirements at Iowa State University for the Master's degree. The motion was seconded by Mrs. Collison, and was passed unanimously.

A Board member asked who made the determination as to adequacy of facilities and the University responded that the faculty member, department head and in most cases the extension service would be involved in approving the facilities.

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ACCREDITATION REPORT BY ENGINEERS' COUNCIL FOR PROFESSIONAL DEVELOPMENT.

The Board Office reported that the Engineers' Council for Professional Development (ECPD) had reviewed the curricula for engineering programs at Iowa State University and had granted full accreditation for 9 programs, a shorter-than-normal accreditation for one program and had not accredited 2 programs. The accrediting organization had high praise for many facets of the Iowa State engineering program, calling many programs "high quality" or outstanding". The group also leveled criticism at some programs for what was termed inbreeding of the engineering faculty--a practice of hiring Iowa State graduates instead of those from other institutions whom the group feels would bring an infusion of new points of view to the Iowa State program. Another frequent complaint of the group was lack of adequate space. It made several suggestions for curricula improvement. A major concern expressed by the ECPD was "low budget for capital equipment, supplies and services".

The following programs were accredited: Aerospace Engineering, Agricultural Engineering, Chemical Engineering, Ceramics Engineering, Civil Engineering, Electrical Engineering, Engineering Science, Industrial Engineering, Mechanical Engineering and Metallurgical Engineering.

Two programs, Construction Engineering and Nuclear Engineering, were not accredited. A discussion followed regarding the criticisms of ECPD and the two programs that were not accredited. The University did not express concern over the programs not being accredited and the Board concurred that the programs as presently constituted were meeting the needs of industry.

MATERNITY LEAVE. It was reported to the Board that Board policy adopted in 1958 provided, at the discretion of the institution, for ten days pay chargeable to sick leave on return from an approved maternity leave. This provision was incorporated into the Regents' Merit Rules and was submitted as required for approval by the

State Merit Commission. The Merit Commission rejected the pay provision of the policy. The Board reconsidered the matter at their meeting in December, 1970, and at that time adopted the following policy:

"A permanent employee shall be entitled to a maternity (pregnancy) leave for a period not exceeding six months. Immediately upon return to work after a maternity leave an employee shall receive up to and including 20 days pay chargeable to her sick leave accumulation, if available. On conclusion of a maternity leave an employee, if qualified, will be returned to the position from which she was granted maternity leave or to another position in the same class, subject to lay-off procedures as provided elsewhere in these rules."

This policy was submitted to the State Merit Commission in January. Regents Petersen and Shaw, President Boyd, Dr. Hardin and Mr. Volm attended that meeting in support of the Regents' proposal. At that meeting, the Merit Commission did not act on the Regents' proposal, but voted to revise its own rule, subject to approval by the Attorney General's office and the Legislative Rules Committee. The revised State Merit rule is scheduled for consideration by the Legislative Rules Committee on March 14. After action by the Rules Committee on the Merit Commission proposal, it will be necessary to resubmit the Regents' policy on maternity leave as a provision of the Regents' Merit Rules to the State Merit Commission and the Legislative Rules Committee. The proposed Regents' policy is essentially similar to the proposed State rule and should be acceptable to the State Merit Commission.

It was pointed out that additional action was necessary so that the wording of the Regents' rule conformed more closely to the State Merit Commission rule.

MOTION:

Mrs. Petersen moved approval of the following policy regarding maternity leave:

"A permanent employee will be granted a leave of absence to commence at the seventh month of her pregnancy and to expire no later than the second month after the conclusion of the pregnancy except that as requested in a written statement from the employee's doctor the leave will be granted at a date earlier than the seventh month. Sick leave pay to the extent of time accumulated but not to exceed twenty days, will be allowed during the period of a maternity leave. On conclusion of a maternity leave an employee, if qualified, will be returned to the position from which she was granted maternity leave or to another position in the same class, subject to lay-off procedures as provided elsewhere in these rules."

The motion was seconded by Mr. Perrin, and passed unanimously.

MOTION:

Mrs. Petersen moved, that upon closer reading of the State Merit Commission policy, the policy should be amended to read:

"A permanent employee will be granted a leave of absence to commence at the seventh month of her pregnancy and to expire no later than the second month after the conclusion of the pregnancy, except as requested in a written statement from the employee's doctor and if working conditions and doctor's advice permit, the working time may be extended or the leave will be granted at a date earlier than the seventh month. Sick leave pay to the extent of time accumulated but not to exceed twenty days, will be allowed during the period of a maternity leave. On conclusion of a maternity leave an employee, if qualified, will be returned to the position from which she was granted maternity leave or to another position in the same class, subject to lay-off procedures as provided elsewhere in these rules."

The motion was seconded by Mr. Shaw, and passed unanimously.

The question of what the universities were to do until the policy was approved was raised since a distinction now exists between merit and non-merit employees. A discussion on the possibility of making the policy retroactive followed and the university personnel requested time to give more thought to the problem.

The matter of Maternity Leave was again discussed on Friday, February 11.

MOTION:

Mrs. Petersen moved that the Board make the maternity leave policy effective January 1, 1972. The motion was seconded by Mr. Wallace, and passed unanimously.

The policy reads as follows subject to approval of the State Merit Commission, Attorney General and Legislative Rules Committee:

"Effective January 1, 1972, a permanent employee will be granted a leave of absence to commence at the seventh month of her pregnancy and to expire no later than the second month after the conclusion of the pregnancy, except as requested in a written statement from the employee's doctor and if working conditions and doctor's advice permit, the working time may be extended or the leave will be granted at a date earlier than the seventh month. Sick leave pay to the extent of time accumulated but

not to exceed twenty days, will be allowed during the period of a maternity leave. On conclusion of a maternity leave an employee, if qualified, will be returned to the position from which she was granted maternity leave or to another position in the same class, subject to lay-off procedures as provided elsewhere in these rules."

It was understood that payment for leaves could not be granted until such time as approval had been obtained from the respective bodies.

PAYROLL WITHHOLDING. The Board Office proposed that the following policy on payroll withholding be adopted:

- A. Payroll withholding programs are permitted according to the following guidelines:
  - (1) Withholdings authorized by federal or state laws.
  - (2) Withholdings in connection with employee retirement and insurance plans approved by the State Board of Regents.
  - (3) Withholdings authorized by individual employees for institution-wide contributive programs of direct benefit to the institution.
  - (4) Withholdings authorized by individual employees for United States Savings Bonds or salary savings plan for academic-year employees.
  - (5) Withholdings for amounts due the institution from its employees which are otherwise unpaid.
  - (6) Withholdings for amounts authorized by individual employees for dues for the convenience of organizations which relate to employment conditions such as union organizations or university-wide professional organizations. Payroll withholding programs in this category shall not be initiated without one hundred participants unless overwhelming justification exists for less than one hundred participants; payroll programs in this category may be discontinued if the number of participants falls below twenty-five. Each payroll withholding program in this category is to be submitted to the Board of Regents for approval.
- B. Each Regent institution will require the employee or eligible organization to submit written authorization for payroll withholding for each withholding program including the assent of the spouse of the employee as required. For programs which require assent of the spouse, both the signature of the employee and spouse must be notarized.
- C. The Business Officers are required to maintain such records as necessary for audit purposes.

Ratify the present withholding programs for each of the universities as set forth in Exhibits A, B, and C.

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President Boyd requested the Board defer action on a payroll withholding policy until the March meeting to give him time to consult with and receive faculty and staff comments. He also had a suggested change for guideline A (5) to rectify the implications of impounded wages. He suggested Section 5 be amended as follows:

"Withholdings for amounts due the institution from and authorized by its employees, or for amounts clearly established to be due from its employees."

President Kamerick also mentioned that he had an objection to A (6) and that he would bring up if the matter were to be deferred until March. President Redeker stated the item would be deferred and docketed for the March meeting.

Board members also suggested that in addition to the number of people withholdings are made for, it would be well to have the number of times of withholding for each category.

Board members also asked that the seemingly mandatory nature of A(6) be analyzed. Question remained whether present wording would permit dropping of a withholding program under a condition of limited resources when a higher priority program requested inclusion and no room was available to permit inclusion. President Kamerick questioned the minimum number of participants required for initiation of withholding for an organization.

BUDGET POLICIES AND PROCEDURES FOR THE 1973-75 BIENNIUM. A brief discussion was held on budget policies and procedures for the 1973-75 biennium. A report will be made at the March meeting on graduated and deferred tuition plans as well as a comprehensive report presented on enrollment projections. A Board member suggested that future reports be parallel to those already presented such as a tie between student aid presented this month and graduated tuitions next month. There was also a brief discussion of budget format with the conclusion being reached that the exact mix between formula and program budgeting had not yet been determined. President

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Redeker stated that the Board should face some of the problems as early as possible, that as much material should be brought to the March meeting as possible and that discussion be initiated in March on the assumptions which are recommended for usage in arrival at dollar needs.

STUDENT AID AT REGENTS' UNIVERSITIES. An extensive report on earnings and financial support for undergraduate and graduate students at Regents' institutions was presented to the Board. That report stated that each of the 49,266 students at the Regents' universities must depend upon some source of funds to finance his or her education. For many this source comes independently from parents' earnings or their own savings. For many others, financing an education depends upon a combination of income; employment, loan programs or scholarships. It is to give some idea of the scope and impact of this latter group that this report was written.

In response to a request of the Board of Regents, information has been gathered by the universities regarding programs which provide earnings or other financial assistance for both undergraduate and graduate students. This information could be useful in budget deliberations regarding tuition increases, evaluation of the impact of pending federal legislation and comparing existing programs to such unusual aid programs as deferred or graduated tuition (to be covered in a later report).

The magnitude of the programs and some indication of their impact on the programs of the institutions can be seen in the figures supplied in the tables comprising this report. From the viewpoint of the student seeking aid through earnings or assistance, there is about \$45 million available this year, either through loans, scholarships or earnings through university-connected employment or assistantships. Earnings from university-related employment amounts to \$22 million this year divided almost evenly between undergraduate and graduate students. Earnings for graduate students are centered in teaching and research assistantships. Some \$16.5 million

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is available in undergraduate student loan programs with \$1.1 million coming from institutional funds mostly from private sources while about \$11.7 million comes from federal loan programs and \$3 million from National Defense Student Loan fund. Scholarships for undergraduates amount to \$5.7 million, about \$3 million of which comes from general institutional funds. Scholarships for graduate students have remained at about \$2 million for several years. Athletic scholarships have increased from \$659,000 in 1968 to over \$1 million today.

The complete report is on file in the Board Office.

In discussion a Board member stated it would be interesting to know the number of students employed outside the university. It was pointed out that such information would be most difficult to accumulate. The Board asked if the university had any difficulty in filling the student jobs that are available. The response was that the problem was in trying to generate enough jobs to fill the students' needs. The effect of present legislation under consideration lowering the majority age to 18 and possibly qualifying all students as indigents was discussed. President Boyd stated they are looking into this situation and are of the opinion it will have an impact. A Board member also asked what would be done in a student aid case where parents of an 18-year-old refuse to contribute even though they are financially able to do so. President Boyd remarked that this is one of the areas where the consequences are unforeseen but the university is trying to ascertain the proper method of handling a situation of this kind.

EXPERIENCES OF SCHOOLS RAISING UNDERGRADUATE NON-RESIDENT TUITION. A report on this subject had been previously requested by the Board. The report stated that states surrounding and nearby Iowa have been experiencing reductions in non-resident enrollments following increases in non-resident tuition. In some cases the reduction has been slight. In other cases it has been dramatic and

unexpected. Although there are isolated factors such as conscious efforts to limit non-resident enrollment, the most emphasis has been placed on the higher cost of non-resident tuition as the major factor in the enrollment reductions.

Among the points made by the institutions involved are:

1. Increased non-resident tuition is generally followed by a decrease in non-resident enrollment.
2. Institutions near Iowa's borders, which have drawn heavily upon Iowa students, have experienced a reduction in the number of Iowa students following a non-resident tuition increase.
3. Some states have either entered into or are discussing the possibility of interstate reciprocal agreements under which a certain number of students can attend institutions in the other state without having to pay non-resident tuition.
4. The entire question of the future of non-resident tuition has been raised in one state - Michigan - regarding the power of states to charge non-resident tuition to those over the age of 18, who register to vote in the state where they are attending classes.

Earlier studies have shown that the three Regents institutions rank high on lists of schools with which they are compared for resident tuition purposes, but not as high in comparisons of non-resident tuition. On a national basis the University of Iowa ranks fifteenth, highest of 96 member schools within the National Association of State Universities and Land Grant Colleges, but near the middle for non-resident tuition. Iowa State University ranks 16th among the 96 schools for resident tuition comparison and also in the middle for non-resident tuition. The University of Northern Iowa ranked 35th among the 247 member American Association of State Colleges and Universities group for resident tuition and ranked 115th for non-resident purposes. Non-resident tuition at Iowa State University is \$1,230 a year, and at the University of Northern Iowa non-resident tuition is \$1,000 a year, at the University of Iowa non-resident tuition is \$1,250 a year.

Non-resident enrollment has been fairly stable at the three Regents' institutions over the period of time covered in the report and in the case of the University

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of Iowa has actually increased somewhat. There has been no increase in non-resident tuition at the Regents' institutions since 1969. The number of non-residents at the University of Iowa increased slightly from 5,280 in the 1970-71 school year to 5,288 for the current year. Non-resident enrollment at Iowa State University fell from 4,035 in 1970-71 to 3,871 for 1971-72. The small non-resident enrollment at the University of Northern Iowa which had been 218 each year since 1968, fell slightly to 200 for 1971-72.

The survey included the following institutions: University of Illinois; Western Illinois University; University of Michigan; University of Minnesota; Mankato State College; Northwest Missouri State College; Northeast Missouri State College; University of Missouri; University of Nebraska at Omaha; and University of Wisconsin system. It was noted in the report that there is a definite drop in non-resident enrollments after increasing non-resident tuitions in all instances. A discussion on the impact of full majority rights followed with the general feeling that the bill now under consideration does not alter the residency aspect. Some concern was expressed over possible loss of non-resident income through recent legal actions in jurisdictions outside of Iowa. Possibilities mentioned to stave off such losses included negotiation of reciprocal tuition agreements, setting quotas on non-residents, establishing a national tuition aid program based on need. President Boyd pointed out that at the University of Iowa some 8,166 students out of an enrollment of 20,391 would be affected by lowering the age of majority to 18.

REPORT ON GOVERNOR'S ECONOMY COMMITTEE RECOMMENDATION. The Governor's Economy Committee issued its report January, 1970. A total of 54 recommendations in that report directly related to Regent institutions. Comments on these recommendations were presented to the Board by the institutions in both March and October, 1970. At this meeting, the institutions presented updated reports on those recommendations.

The reports from the institutions generally addressed themselves to those recommendations which the institutions had indicated in October 1970 that needed further study before development of a final answer. While it is difficult to categorize many of these recommendations as to final action, it appears that the following status obtains at this time:

Recommendations Implemented	17
Recommendations Studied but <u>not</u> Implemented	21

This leaves a total of 16 recommendations which are in varied stages of development.

Six involve personnel including the establishment of work standards. All these recommendations are proceeding concurrently with the development of the Regents' merit system.

One involves development of a program budget. Progress was made on this matter in development and presentation of the 1971-73 budget askings. Intensive study and discussion is underway for further improvement for the 1973-75 askings.

Two involve facilities, specifically space utilization. Both the Facilities and Construction Techniques committees are addressing themselves to this area with Board action to occur in development of '73-'75 capital askings.

Four involve improvements in institutional data processing operations. Such operations are under study by the institutions and the Board specifically in areas of management information systems as well as efficient operation of existing systems.

Two involve specific institutional areas. These are:

ISU - Prepare a preprinted order form for staple food items.

Form developed but not implemented because of personnel turnover.

UNI - Initiate a safety program in maintenance and custodial areas.

Partially implemented but no campus-wide program of a detailed nature implemented.

Improvements in the working relationship between IBSSS and the Iowa Commission for the Blind were suggested. Significant efforts have been and are being made to accomplish this goal.

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A report detailing actions on these recommendations should be submitted to the Governor. This report would serve as a final report by the Board on the recommendations of the Economy Committee. Future specific actions taken by the Board in such areas as personnel, facilities, and data processing would, of course, be called to the attention of the Board.

Many additional economy efforts have been effecutated by the institutions and by the Board. Since they were not suggested by the Committee, they are not enumerated.

The complete responses from the universities are on file at the Board Office.

The Board asked why the University of Iowa had not adopted a preventive maintenance program with planning to cover a minimum of five years. It was explained that while the university had a general plan for such work a detailed long-range plan was not viewed as feasible due to lack of funds for the RR&A area.

A Board member asked why Iowa State University had not raised its application fee for admission to \$20 as recommended. It was explained that since the recommendation was made all universities had studied the cost of handling an application and had determined this cost to be \$10. Further, the only justification for raising the fee would be as a money-raising device and not as an economy measure.

The Board directed that a final report on the Governor's Economy Committee recommendations be prepared and forwarded to the Governor.

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COORDINATING COUNCIL REPORT. Mrs. Petersen reported on the February, 1972 meeting of the Coordinating Council. She reported that in discussion by Dennis Harkin, Project Director of Governor's Education Advisory Committee, it became quite evident that the group did not spend a great deal of time on higher education and that most of the time was spent on secondary education and community colleges. Also reported was a proposal by Southeast Iowa Community College for a 2 year nursing program and a retail program. St. Ambrose is considering offering a major in police science. The Council discussed whether a liberal arts or a law background made better police officers.

It was announced that Duane Anderson of the University of Iowa will speak at the next meeting on articulation between various segments of higher education.

A proposal that student flow be studied was made by the Higher Education Facilities Commission. Part of the problem is to discover how to provide for a free flow of qualified students between institutions in this state, including Regent institutions, private institutions and area schools. Regent Perrin requested that the Board Office initiate developmental work on this and if it looks worthwhile, prepare a proposal to HEFC that could be financed from Federal Comprehensive Planning funds. There was no objection to proceeding with such a study.

It was announced that the committee charged to study the statutory nature of the Coordinating Council had scheduled a meeting for February 14. Current thinking of that Committee is not to make major alterations in the proposal previously before the Council.

TITLE I SUPPLEMENTAL FUNDS ALLOCATION. It was reported that the Board Office was informed by the Department of Public Instruction that \$30,079 of additional allocation under Title I (P.L.89-313) was available for distribution to the four Regent institutions which participate in this program. This allocation raises the total available to the four schools in FY 1971-72 from \$234,201 to \$264,280.

Board members were reminded that in May 1970 a motion was adopted "that the Board institute direct coordination of the Title I Program, with proposed projects prepared by the individual schools in consultation with the Board office and submitted for Board approval". The Board office asked the four schools for recommendations for use of the funds. Requested allocations totaled \$93,563 as against \$30,079 available for distribution. To bring the request in line with available funding, the Board office recommended reduced allocations. Shown below is the currently approved authorization, the additional requests of the schools, the Board office recommendations on allocation and the totals of the new allocations if the Board office recommendations are approved.

	<u>Currently Approved 1971-72</u>	<u>Requested Additional Allocation</u>	<u>Recommended Additional Allocation</u>	<u>Total Approved plus Recommended</u>
ISD	\$140,290	\$ 29,103	\$ 6,355	\$ 146,645
IBSSS	48,508	29,601	4,999	53,507
Child Psychiatric Service School	6,980	30,004	18,725	25,705
Hospital School	<u>38,423</u>	<u>4,855</u>	<u>-0-</u>	<u>33,423</u>
Total	\$234,201	\$ 93,563	\$ 30,079	\$ 264,280

Last year the allocations of additional funds were:

ISD	\$ 11,575
IBSSS	5,569
Child Psychiatric Service School	2,200
Hospital School	<u>6,300</u>
Total	\$ 25,644

The above recommendations totaled the amount of additional funds available. It was noted that the approach used was to consider programs, as such, rather than to allocate on the basis of average daily attendance. When additional funds are available, as in the present instance, the matter of program priorities might

legitimately be considered. This approach is consistent with that contained in a letter from the Department of Health, Education, and Welfare to the Iowa Department of Public Instruction.

It was recommended that the institutions participating in the subject program be allocated the available additional funds for the following specific programs and respective amounts as follows:

Iowa School for the Deaf Unified Pre-School Development Program	\$ 6,355
Iowa Braille and Sight Saving School Instructional Parent Days	4,999
Child Psychiatry Service Liaison Teacher Services	18,725
Hospital School	<u>-0-</u> \$30,079

Detailed justification for the recommended allocation to Child Psychiatry Service is as follows:

Child Psychiatry Service

The recommended addition of \$18,725 is to provide training and follow-up counseling (liaison teacher services) for parents and teachers which will enable them to train and treat their own children in their own communities after the children have had intensive treatment at the hospital. The liaison teacher services program would be part of an integrated program wherein the children would be treated at the hospital for only six to eight weeks rather than for six to twenty-four months. This change in methods will permit the hospital to serve one hundred and fifty children per year rather than fifty and will reduce substantially the cost for each child. It seems clear that the liaison teacher service is mandatory to assure effectiveness of the total program. In view of the limitation of additional Title I funds it is further recommended that the University of Iowa consider purchase of the videotape equipment from equipment funds inasmuch as it is general purpose type of equipment. If the University can provide the videotape equipment and Title I funds are provided as recommended, 83% of the original request would be granted which should assure an effective program. Funding for future liaison teacher services beyond the allocation of \$18,725 should be included in the annual budget and not provided from Title I funds. It was recommended that funding of the liaison teacher be on a 10-month basis, that the university fund the videotape equipment and that the program be funded for one year only from Title I funds.

The detailed proposals of the four institutions are on file in the Board office.

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In discussion, Robert L. Hoehle, Teaching Supervisor, Psychiatric Hospital, spoke to the Board outlining their needs. They were of the opinion that the Liaison Teacher should be on a 12-month basis rather than limited to a 10-month basis, and the amount allocated would not allow them to hire the type of person most desirable for the program. There was also concern that the program should be a 3-year program and that hopefully the level of training and knowledge that could be imparted to the community over 3 years would permit dropping the services. The second consideration was for the videotape equipment. Mr. Hoehle stressed the fact that this was needed in order to be efficient and that they must be able to communicate these programs. The Child Psychiatry Service had looked into the possibility of the university allocating funds for this equipment and they cannot do so. There was a possibility of funding for 1972-73. In response to question by the Board as to the type of person they are seeking for the liaison teaching position, Mr. Hoehle replied that he should be a master level teacher with several years experience, possibly public school experience in the community.

The Board emphasized that there was no way they could say they would make the program a 3 year program at this time and that if it was necessary that the program be conducted over a three year span, perhaps it would be best not to go into it at all. There is no guarantee that additional federal funds would be available each year; therefore, the Board could not allocate funds over a three year period.

The superintendents of both IBSSS and ISD stated that while they were willing to settle for the recommended sums, they would like to reconsider needs within the allocations which had been established. They felt they might better utilize the funds granted to them. Board members expressed concern over the schools making such program determinations without agreement by the Board.

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MOTION:

Mr. Baldrige moved that the Board accept these dollar guidelines and approve the allocation of \$18,725 for a one-year program of Liaison Teacher Services for Child Psychiatry Services but that the program approval for Iowa School for the Deaf and Iowa Braille and Sight Saving School be deferred until March and these programs be presented to conform to total dollar amounts available of \$11,354 to these schools. The motion was seconded by Mrs. Collison. The motion passed with Mr. McCartney abstaining.

Regent McCartney questioned funding new programs when the funds might be needed for existing programs despite the intent of the Federal guidelines.

Mr. Perrin expressed concern that the Board Office in recommending the allocations for specific projects had made recommendations on educational programs, a field in which the Board had been careful to rely on the judgment of professional educators. He suggested that if we were not to follow the desires of our educational administrators, that the views of experts in special education outside of the Regents institutions be sought on the proposed programs. The outside view was necessary because the institutional personnel might have a vested interest. Mr. Richey responded that he would be happy to consult outside educators in this and other similar situations when preparing budgetary recommendations that affected educational programs.

MOTION:

Mr. Perrin moved that expertise of the Director of Special Education, Department of Public Instruction, be utilized to evaluate program requests and to draw guidelines for supplemental funds beginning next year. The motion was seconded by Mr. Baldrige.

In discussion, Mr. Baldrige expressed reservations about going outside the Board for recommendations regarding the funding of programs and subsequently withdrew his second to the above motion.

The motion was then seconded by Mrs. Petersen. The motion passed with the following voting  
Nay: Baldrige and Shaw

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REQUEST OF JOHN WALTON. The request of Mr. Walton for permission to appear before the Board of Regents to discuss collective bargaining negotiations was considered. Board members were furnished the background information on this subject including the opinion of the Iowa Supreme Court, which related specifically to the question of whether the Regents can be required to collectively bargain.

MOTION: Mrs. Petersen moved that the Board deny the request of Mr. Walton to appear before the Board to discuss recognition of Local 1258 as collective bargaining representative of the Physical Plant employees at the University of Northern Iowa. The motion was seconded by Mr. Wallace, and was passed unanimously.

A discussion was held on the "meet and confer" policy of the Board. A Board member stated there were distinctions between collective bargaining and conferring on working conditions and compensation. It was felt there should be clarification of the intent.

MOTION: Mr. Bailey moved that the Board amend the Regents October 23, 1970 policy on union membership and negotiations to read:  
  
"Pending clarifying legislation on the policy matter of whether or not state agencies are to engage in collective bargaining with representatives of labor organizations, Regent institutions will not enter into written contracts or understandings with employee or union groups regarding wages, hours, benefits, grievances or other matters involving general or specific conditions of employment."

The motion was seconded by Mr. McCartney, and was passed unanimously.

EXECUTIVE SESSION. President Redeker announced that he had two items to be considered in Executive Session: a personnel matter at the University of Iowa and continuation of sessions on the Superintendent search at Iowa Braille and Sight Saving School. In roll call vote on whether the Board should resolve

itself into Executive Session, the vote was as follows:

AYE: Bailey, Baldrige, Collison, McCartney, Perrin, Petersen, Shaw, Wallace, Redeker

NAY: None

ABSENT: None

The Board having voted in the affirmative by at least a 2/3 majority, resolved itself into Executive Session at 4:15 p.m. and arose therefrom at 5:40 p.m.

The following business pertaining to General or Miscellaneous matters was transacted on Friday, February 11, 1972.

REPORT OF PURCHASING COMMITTEE - SECOND QUARTER, 1971-72. The Board had at hand the Purchasing Committee Report for the second quarter of 1971-72 (October, November, December). During this quarter the Committee reported--

- Development of a report on past activities with Iowa State Industries and a meeting with a representative of Industries at which time much useful information was exchanged and a course of action for improvement in relationship was established.
- Award of a joint lamp contract for calendar year 1972 with bids being received by the University of Iowa. Nine bids were received with award being made to City Electric Company of Iowa City (Sylvania lamps) at a discount, depending on quantity ordered, ranging upwards to 58-1/2% less 2-1/2% cash discount 15 days off of list price.
- Initial analysis of 1971-72 Joint Price Survey as to applicability of items for joint purchasing. Initial examinations centered on office supplies.
- Worked toward initiation of relationships between the Director of General Services Department and the new Director of State Printing Board. It is hoped that these two individuals will be able to meet with the Committee at its March meeting.
- Continued to develop relationships with the State Car Dispatcher including during this quarter initiation of purchasing gasoline and oil for Regent vehicles from Highway Commission and Social Services installations; purchase of vehicles in cooperation with the Dispatcher; utilization of a new State contract for tires.

#### The Quarterly Report

The statistical reports show the following information:

A total of 28,202 regular purchase orders were written during the quarter.

Payments totaled \$19,102,199.62.

10,065 blanket orders, contract orders and local small orders were processed.

Dollar volume of the 10,065 orders totaled \$1,256,342.09.

6,707 written inquiries were made by the three universities out of which 1,951 orders resulted. 976 telephone inquiries were made by Iowa State University and the University of Northern Iowa with 444 orders resulting from the inquiries.

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For the first 6 months of 1971-1972, selected statistical comparisons are as follows:

	July-December 1970	July-December 1971
Dollar volume of purchasing activities	\$37,367,884.50	\$32,315,006.29
Orders written (all)	72,824	76,243
Cash discounts realized	\$ 63,695.86	\$ 56,293.77

Specific note should be made of -

- UNI's development of a formal bidders list and bidder history record.
- SUI's note on quarterly savings of \$186,005 through obtaining educational discounts on computers, calculators, adding machines and typewriters.
- Significant savings realized by all institutions through change of source, substitution of product, etc.
- Indication given by ISU of price increases as follows:
  - \$0.50 to \$1.00 per ton of coal
  - 7%-12% increase in freight rates
  - 10%-12% increase in natural gas

The complete Quarterly Report for the second quarter, 1971-72 is on file in the Board Office.

REPORT OF BANKING COMMITTEE. A report was presented by Committee Chairman, Regent Perrin.

The Regents' Banking Committee was initially created in 1959 and requested to study the Board's responsibility on wills and bequests; institutional investment practices and to draw up a policy regarding investments; to review bank deposits and the number of banks used as depositories by the institutions. This Committee was re-initiated in 1966 for the purpose of conducting a study of institutional banking policies. Since 1966 the Committee has conducted studies of institutional investment practices, use of escrow agreements, entertained requests from banks to be considered as possible institutional depositories, effected a change in safekeeping procedures and studied bank service charges. In addition the Committee was instrumental in passage of a bill in 1970 which broadened Regents'

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institutional investment sources to federal agencies.

The institutions have pursued a very active investment policy particularly during the past four years. Banking policies of the institutions appear at this time to be quite stable and commendable in both their intent and action.

He further reported that the meeting confirmed that all was in order with banking matters. The committee had raised a question for further research to closely examine wording in the Procedural Guide on investments as to current applicability.

The Board expressed its pleasure at the job being done by the Banking Committee and gave the treasurers of the institutions a "well-done" for their efforts.

LEGISLATION, 64th G.A. - SECOND SESSION. A report was made to the Board on the actions of the 2nd session of the 64th General Assembly since the start of the session on January 10. The Board took note and a brief discussion ensued.

President Redeker pointed out that the Board Office takes certain positions on legislation in the name of the Board using past Board actions as guidelines. These positions are assumed to be those of the Board unless the Board indicates otherwise.

Dr. Hardin commented on new legislation needed regarding Chapter 255.19, 1971 Code. This chapter deals with treatment of other patients. Dr. Hardin stated that University Hospitals have a special ambulance for transportation of newborn infants, which was involved in an accident. They became involved in workmen's compensation since one of the pediatric residents was injured. The University had been advised that under Chapter 255, 1971 Code, the University cannot use an ambulance for paying patients, only for indigent patients. To remedy this, he recommended that Chapter 255 be amended, specifically section 255.19, which

relates to treatment of other patients, by adding the following wording "when university hospital ambulance and personnel are available they may be used for transfer of such patients therefor".

MOTION: Mr. McCartney moved that the Board seek passage of legislation to amend Chapter 255.19, 1971 Code, to permit University Hospitals to utilize a special ambulance developed for children. The motion was seconded by Mr. Bailey, and was passed unanimously.

Regent Collison stated there was a bill proposed relating to establishment of mental health programs by counties and wanted the Board to be aware of this bill.

A discussion on the proposed bill (H.F. 1124) for establishing the office of State Architect was held. It was pointed out that the Board of Regents would seek an exemption since the Regents already have substantial architectural services within the universities. There would be undesirable side effects to this duplication of effort and considerable red tape would be involved in having to consult with the State Architect. A Board member asked initially that a neutral position be taken expressing concern that under the present system, fees are too high and architectural design is poor. It was pointed out that the bill could create an expensive agency of state government without necessarily eliminating either high fees or poor design. Another Board member expressed concern over potential inbreeding under present architectural selection procedures. Mr. Moore noted that in any relationship there is the concept of the user versus that of the architect over building design. The bill as proposed would accelerate the natural points of clash by creating two architects versus one user.

Discussion then turned to the bill (S.F. 1048) to permit students to have discretion in selection of student fees. A Board member asked that student fees

be distinguished on the basis of which fees are in reality taxes and which are special assessments. Suggestion was made that consideration be given to allow students some options, perhaps for political or religious reasons. A request was made that a report be prepared by the Board office in consultation with the institutions listing student fees being charged as well as a listing of allocations to campus activities and who determines allocations.

A final item was pointed out by Dean Zopf whereby he asked that action be taken on pharmacy legislation since there was a slight change being made in pharmacy internships.

MOTION:

Mr. Bailey moved to support legislation to alter requirements in pharmacy internships. The motion was seconded by Mr. Baldrige and passed unanimously.

TEMPORARY ROAD CLOSURE RESOLUTION. A resolution for temporary road closure for projects in the 1972 Institutional Roads Construction Program was presented to the Board for approval.

The following resolution fulfills the requirements of Chapter 306.41, Code of Iowa 1971, which provides for the passage of a resolution for temporary closure of roads under construction.

Temporary Road Closure Resolution

WHEREAS, Chapter 306.41, Code of Iowa 1971, provides that the board or commission having jurisdiction and control over any highway in the state may temporarily close sections of a highway by formal resolution entered upon the minutes of such board or commission when reasonably necessary because of construction, reconstruction, maintenance or natural disaster; and

WHEREAS, said board or commission shall cause to be erected "road closed - enter at your own risk" signs and partial or total barricades in the roadway at each end of the closed highway section and on the closed highway where that highway is intersected by other highways if such intersection remains open; and

WHEREAS, through passage of such resolution the board or commission having jurisdiction over a section of highway so closed and the persons or contractors employed to carry out the construction, reconstruction or maintenance of the closed section of highway, shall not be liable for any damages to any vehicle that enters the closed section of highway or the contents of such vehicle or for any injuries to any person that enters the closed section of highway, unless the damages are caused by gross negligence of the board, commission, or contractor; and

WHEREAS, the State Board of Regents has six (6) projects scheduled for construction in 1972 under the Institutional Roads Program which fall under the provisions of Chapter 306.41, Code of Iowa 1971;

NOW THEREFORE, Be It Resolved by the State Board of Regents, That at the appropriate time scheduled for construction, road closure signs and barricades be erected at the appropriate places for each of the following six (6) projects, to-wit:

<u>University</u>	<u>Project No.</u>	<u>Project</u>	<u>Length of Project</u>
Iowa State University	BR-810-0(20)--74-85	Union Drive	0.30 miles ±
Ames, Iowa	BR-810-0(13)--74-85	Tower Road Loop	0.35 miles ±
Univ. of Northern Iowa	BR-820-0(15)--74-07	Wisconsin Street	0.25 miles ±
Cedar Falls, Iowa	BR-820-0(16)--74-07	Central Campus Access	0.25 miles ±
University of Iowa	BR-801-0(16)--74-52	Newton Rd.-Woolf Ave. Connection	0.35 miles ±
Iowa City, Iowa	BR-801-0(19)--74-52	Oakdale Dental Re- search Access Rd.	0.25 miles ±

; and

Be It Further Resolved, that the appropriate university officials take the necessary actions to implement this resolution for each project so listed when directed to so implement by the appropriate officials of the Iowa State Highway Commission.

MOTION:

Member Perrin moved the Board approve the above resolution. The motion was seconded by Mrs. Petersen, and was passed unanimously.

AWARD OF FEDERAL INTEREST SUBSIDY GRANT. The Board was advised of receipt of notification of award of Federal Interest Subsidy Grant under Title III, Higher Education Facilities Act of 1963. This grant marks the fourth grant received by Regent universities under this program. Awards have been as follows:

July 1971 - Education Building, Unit II	UNI	\$10,216 annually
December 1971 - Steam Generation Equipment	ISU	\$25,186 annually
December 1971 - Turbine Generator	SUI	\$12,430 annually
February 1972 - Library Addition	UNI	\$47,410 annually

Combined, grants awarded to date will eventually reduce state biennial requirements for tuition replacement funds by possibly \$142,000. Over the 20-year life of the bonds involved, federal awards to Regent universities now total \$1.9 million for this program. Some reduction in awards will probably occur after sale of bonds for ISU and UNI as grants are now based on an interest rate of 6% and will be adjusted to actual rates following the sale.

A.A.H.E. NATIONAL CONFERENCE ON HIGHER EDUCATION. Authorization was requested for two staff members from the Board office to attend the A.A.H.E. Conference. It was noted that the American Association for Higher Education will hold its 27th National Conference on Higher Education at the Conrad Hilton in Chicago on March 5-8, 1972. "The Expanded Campus" is the theme of this year's conference. The conference will be concerned with identifying higher education's social responsibilities, ways in which they can be met, implications for colleges and universities, individuals, and programs, and how programs can best be administered and financed. Ivan Illich, the keynote speaker, will spell out the social responsibilities as he perceives them, and Clark Kerr, the concluding speaker, will draw from the Carnegie Commission reports those recommendations that speak to the problem.

MOTION:

Mr. Wallace moved the Board grant travel authority for up to two staff members from the Board Office to attend the A.A.H.E. Conference in Chicago, Illinois on March 5-8, 1972. The motion was seconded by Mrs. Collison, and was passed unanimously.

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The Board was advised that if any Board members wished to attend the conference, they should notify the Board Office no later than February 21 so that approval by the State Executive Council could be obtained.

BOARD OFFICE PERSONNEL REGISTER. There were no actions reported in the Board Office Personnel Register for the month of January, 1972.

INFORMATIONAL ITEMS. The following informational items were presented to the Board.

- a. Review of report entitled "Higher Education and the Disadvantaged".
- b. Miscellaneous Articles on Higher Education from American Council on Education periodicals.
- c. Iowa State University News Release on Cooperative Study Programming.

In discussion on Cooperative Study Programming, it was stated that this type of cooperation now envisioned for Big Eight Universities, had been going on for years between the 3 Regent universities. A Board member questioned whether this external type of review to Regent schools would aid Iowa in the area of internal duplication of offerings.

REQUEST OF HIGHER EDUCATION STUDY COMMITTEE TO HEFC. Regent Bailey informed the Board of the request of the Legislative Higher Education Study Committee for a comprehensive planning grant from H.E.F.C.

GOVERNOR'S LETTER ON HOLDOVER FUNDS. A Board member noted receipt of a letter from the Governor relative to funds reversion. Executive Secretary Richey replied that the letter emphasized that the Governor was in agreement with the policy adopted by the Board in this regard and in not seeking supplemental appropriations.

INSURANCE QUESTIONS. A Board member requested consideration be given to buying insurance for buildings and contents with a high deductible rather than relying totally on the state self-insurance program. Another member stated that all area schools and public schools carry practically complete coverage on all of

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their buildings and since all are publicly financed as are Regent institutions some thought should be given to a common course of action. The Board office advised that a supplemental report of the Insurance Committee on risk management would be presented at a later meeting.

NEXT MEETINGS:

March 9-10	University of Northern Iowa Iowa Braille & Sight Saving School	Cedar Falls Vinton
April 13-14	Iowa School for the Deaf	Council Bluffs
May 11-12	Iowa State University	Ames
June 8-9	University of Iowa	Iowa City
July 13-14	University of Northern Iowa	Cedar Falls

ADVANCE SCHEDULE:

March 9-10

Report on Programs Relating to Environment  
Policies and Procedures for 1973-75 budgets  
Regents Merit System Policies and Procedures  
Report on Role of Accreditating Agencies

PRELIMINARY BUDGETS - 1972-73. Iowa School for the Deaf and Iowa Braille and Sight Saving School were asked to submit their preliminary budgets for FY 1972-73 at the April meeting of the Board.

THE UNIVERSITY OF IOWA

The following business for the University of Iowa was transacted on Friday, February 11, 1972.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of January 1972 were approved.

APPOINTMENT. Upon recommendation of the University the following appointment was approved by the Board:

Dr. Edwin Peter Isacson, Professor and Head of the Department of Environmental Health, effective June 1, 1972, salary of \$35,000 on a twelve-months basis equally drawn from accounts J674 and X760.

STEPHEN D. FORD CASE. The Attorney General requested this matter be postponed until the March 1972 meeting so that they can complete their investigation and be adequately prepared to discuss it with the Board.

MOTION: Member Baldrige moved the Board delay action until the regularly scheduled March meeting. The motion was seconded by Mr. McCartney, and was passed unanimously.

A Board member expressed his hope that further delay beyond March would not occur.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Executive Secretary Richey reported the Register of Capital Improvement Business Transactions for the period January 3 through January 28, 1972, had been filed with him, was in order, and was recommended for approval. The following construction contracts were recommended for approval:

<u>PROJECT</u>	<u>AWARDEE</u>	<u>TYPE OF CONTRACT ITEM</u>	<u>AMOUNT</u>
Cecil S. O'Brien Ophthalmological Learning & Research Resource Center	Burger Construction Co. Iowa City, Iowa	General	\$141,850.00
" " "	AAA Mechanical Contractors Iowa City, Iowa	Mechanical	42,245.00
" " "	Hubbard-Jackson Elec. Iowa City, Iowa	Electrical	19,970.00
Basic Sciences Bldg. Equip.	Iowa Fire Equipment Co. Des Moines, Iowa	Fire Extinguisher	466.25

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<u>PROJECT</u>	<u>AWARDEE</u>	<u>TYPE OF CONTRACT ITEM</u>	<u>AMOUNT</u>
Basic Sciences Bldg. Equip.	Sarcosote Louisville, Kentucky	Brains	1,311.00
" " " "	Bolton and Hay, Inc. Des Moines, Iowa	Refrigerators	2,428.00
" " " "	Sears Roebuck & Co. Des Moines, Iowa	Freezers	399.00
" " " "	Hamilton Mfg. Company Cedar Rapids, Iowa	Lab. cabinets	1,643.00
" " " "	Merz Optical Service Chicago, Illinois	Microscopes, Zeiss	8,872.64
" " " "	Lukas Microscope Service Skokie, Illinois	Microscopes, A.O.	5,160.00
" " " "	Matheson Scientific Chicago, Illinois	PH Meters	2,148.00
" " " "	Beckman Instruments Lincolnwood, Illinois	Prep. Centrifuge	11,945.55
" " " "	Matheson Scientific Chicago, Illinois	Fire Blankets	60.00
" " " "	Fisher Scientific Chicago, Illinois	Circulating Baths	874.00
" " " "	Fisher Scientific Chicago, Illinois	Circulating Bath	218.50
" " " "	Curtin Scientific Minneapolis, Minnesota	Eye Wash Fixtures	59.20
" " " "	Fisher Scientific Chicago, Illinois	Waterbaths	1,141.00
" " " "	Fisher Scientific Chicago, Illinois	Waterbath covers	133.35
" " " "	Matheson Scientific Chicago, Illinois	Centrifuges	1,230.00
" " " "	Fisher Scientific Chicago, Illinois	Test Tube Racks	338.88
" " " "	Matheson Scientific Chicago, Illinois	Test Tube Racks	336.00
" " " "	Fisher Scientific Chicago, Illinois	Laboratory Carts	289.60
" " " "	Sargent Welch Scientific Skokie, Illinois	Skeletons	2,325.12

<u>PROJECT</u>	<u>AWARDEE</u>	<u>TYPE OF CONTRACT ITEM</u>	<u>AMOUNT</u>
Basic Sciences Bldg. Equip.	Sorvall, Inc. Norwalk, Connecticut	Prep. Centrifuge	\$ 3,564.00
" " " "	Sorvall, Inc. Norwalk, Connecticut	Prep. Centrifuge	3,262.50
" " " "	Fisher Scientific Chicago, Illinois	Colorimeters	515.20
" " " "	Fisher Scientific Chicago, Illinois	PH meters	532.00
" " " "	Sargent Welch Scientific Skokie, Illinois	Analytical Balances	1,391.34
" " " "	Curtin Scientific Minneapolis, Minnesota	Spectrophotometer	3,240.00
" " " "	Beckman Instruments Lincolnwood, Illinois	Gas Chromatograph	4,974.00
" " " "	Hotpack Corporation Philadelphia, Pa.	Ovens	1,369.00
" " " "	Technicon Corporation Ardsley, New York	Autoanalyzer	6,800.00
" " " "	Beckman Instruments Lincolnwood, Illinois	Oxygen Analyzers	1,567.50
" " " "	Harvard Apparatus Corp. Millis, Massachusetts	Pressure Transducers	1,704.00
" " " "	Harvard Apparatus Corp. Millis, Massachusetts	Power Supplies for above	243.00
" " " "	Gilson Electronics Middleton, Wisconsin	Isotonic Transducers	325.00
" " " "	Gilson Electronics Middleton, Wisconsin	Isometric Transducers	1,125.00
" " " "	Gilson Electronics Middleton, Wisconsin	Mini Polygraphs	5,483.20
" " " "	Gilson Electronics Middleton, Wisconsin	Multipurpose Channels	9,568.00
" " " "	Gilson Electronics Middleton, Wisconsin	Channels for ECG&EEG	4,784.00
" " " "	Grass Instruments Quincy, Massachusetts	Isolation Units	192.50
" " " "	Labtron Scientific Corp. Farmingdale, New York	Micromanipulators	495.00

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<u>PROJECT</u>	<u>AWARDEE</u>	<u>TYPE OF CONTRACT ITEM</u>	<u>AMOUNT</u>
Basic Sciences Bldg. Equip.	Corplex Chicago, Illinois	TV Camera	\$ 435.00
" " " "	W.M.T. Music & Sound Cedar Rapids, Iowa	Video Amplifier	215.60
" " " "	K & M Electronics Minneapolis, Minnesota	Color Receiver/Monitor	5,200.00
" " " "	K & M Electronics Minneapolis, Minnesota	Monitor/Receivers	1,710.00
" " " "	W.M.T. Music & Sound Cedar Rapids, Iowa	Ceiling Mounts	820.80
" " " "	Midwest Visual Educ. Serv. Des Moines, Iowa	Rearscreen Projectors	2,928.00
" " " "	Triangle School Service Sioux Falls, S. D.	Audio Cassette Players	666.00
" " " "	Triangle School Service Sioux Falls, S.D.	Group Listening Stations	186.30
" " " "	W.M.T. Music & Sound Cedar Rapids, Iowa	Headsets	362.88
" " " "	Triangle School Service Sioux Falls, S.D.	Slide Projectors	2,690.10
" " " "	Midwest Visual Education Service Des Moines, Iowa	Slide Projector, Zoom lens	629.00
" " " "	Triangle School Service, Sioux Falls, S.D.	Opaque Projector	293.00
" " " "	Triangle School Service Sioux Falls, S.D.	Slide Projector	340.00
" " " "	Triangle School Service Sioux Falls, S.D.	Overhead Projector	144.00
" " " "	K & M Electronics Minneapolis, Minnesota	Port. Videotape Recorder	6,600.00
" " " "	Corplex Chicago, Illinois	Video Monitors	2,610.00
" " " "	Sears, Roebuck & Co. Iowa City, Iowa	Intercom	76.54
" " " "	McMaster-Carr Chicago, Illinois	Maximat Lathe	1,900.82

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<u>PROJECT</u>	<u>AWARDEE</u>	<u>TYPE OF CONTRACT ITEM</u>	<u>AMOUNT</u>
Basic Sciences Bldg. Equip.	McMaster-Carr Chicago, Illinois	Workbenches, 36"	\$ 183.00
" " " "	McMaster-Carr Chicago, Illinois	Benches 60"	240.60
" " " "	McMaster Carr Chicago, Illinois	Benches 48"	198.00
" " " "	McMaster-Carr Chicago, Illinois	Bench 72"	146.00
" " " "	Colson Corporation Des Moines, Iowa	Platform Trucks	460.80
" " " "	Colson Corporation Des Moines, Iowa	Step Stools	221.40
" " " "	Regan Company Davenport, Iowa	Hydraulic Jet Cleaner	398.50
Music Building Equipment	Electronic Eng. & Supply Burlington, Iowa	Reverberation System	790.00
" " " "	Trinity Enterprises Webster City, Iowa	Stereo Preamplifier	108.90
" " " "	Stereo Shop Iowa City, Iowa	Tone Arm Cueing Devices	172.28
" " " "	Woodburn Sound Service Iowa City, Iowa	Microphone Mixer	82.65
" " " "	Woodburn Sound Service Iowa City, Iowa	Power Supplies	488.64
" " " "	Woodburn Sound Service Iowa City, Iowa	Remote Controls	132.20
" " " "	Fairlane Electronics Cedar Rapids, Iowa	Test Set	895.00
" " " "	West Music Company Iowa City, Iowa	Stereo Phones	41.73
" " " "	Baldwin Piano and Organ Co. Cincinnati, Ohio	Baldwin Assembly	111.40
" " " "	Audionics, Inc. Portland, Oregon	Distortion Oscillator	605.00
" " " "	Audionics, Inc. Portland, Oregon	Distortion Measuring Set	525.00

<u>PROJECT</u>	<u>AWARDEE</u>	<u>TYPE OF CONTRACT ITEM</u>	<u>AMOUNT</u>
Nursing Building Equipment	T.C.R. Distributors Davenport, Iowa	Mounts for TV Mon.	\$ 791.60
" " "	T.C.R. Distributors Davenport, Iowa	Furnish & Install Cable	899.59
Physics Bldg. II Equip.	Triangle School Service Sioux Falls, S.D.	Projector Tables	72.40
Dental Building Equip.	Henry Louis, Inc. Iowa City, Iowa	Microscopes	9,478.15
" " "	Merz Optical Service Chicago, Illinois	Microscopes	83,298.82

The following revised budget was presented for approval for the Cecil S. O'Brien  
Ophthalmological Learning and Research Resource Center:

<u>Revised Budget</u>		<u>Preliminary</u>	<u>Revised</u>
Planning and Supervision		\$ (5,000.00) (1)	(5,000.00) (1)
Construction		150,750.00	\$232,865.00
Equipment		5,000.00	5,000.00
Contingency		15,000.00	15,000.00
	<b>Total</b>	<u>\$170,750.00</u>	<u>\$252,865.00</u>

(1) Charged to Account D480, therefore not included in total

Source of Funds:

Department of Ophthalmology Found- ation Funds	\$ 50,000.00	\$ 50,000.00
Seeing Eye, Inc.	75,000.00	75,000.00
Gift Funds, Dept. of Ophthalmology	25,000.00	25,000.00
Univ. Hospital Bldg. Usage Fund Account Y985	20,750.00	102,865.00
<b>Total</b>	<u>\$170,750.00</u>	<u>\$252,865.00</u>

The budget increase of \$82,115 is for finishing the interior of the first floor and for strengthening the foundation and structural system to permit future vertical expansion to five floors. Neither of these items were contemplated in the preliminary budget.

The university also presented the following revision in source of funds on the mentioned projects:

East Hall Elevator Replacement	\$70,000
Law Center Rewiring	52,000

The source of funds is changed from Academic Revenue Bonds to University Repairs,

Replacements and Alterations. This releases funds in the Capital category to supplement other projects in need of additional funding.

The following new projects were presented for approval:

EAST HALL - PSYCHOLOGY WING AIR CONDITIONING

Preliminary Budget

Engineering & supervisions	\$ 6,400
Equipment	17,000
Construction labor & material	41,000
Contingencies	6,000
Total	<u>\$70,400</u>

Source of Funds: University RR & A

Project Description

This project is proposed to accomplish complete summer-winter temperature control for the rooms on the ground, first, second and third floors of the southeast wing of East Hall. These rooms are used primarily as offices for the Psychology Department. All floors in this wing except the third floor have recently been remodeled but air conditioning was not installed. Furthermore, only minimal perimeter heating was installed in the rooms in the lower three floors in anticipation of a future system capable of supplying the proper amount of heat in the winter and air conditioning in the summer. This project includes provisions for both heating and cooling for all season service.

A 60-ton chiller will be installed and an air-cooled condenser unit will be located at ground level adjacent to the building. The existing air handling equipment on the third floor will be used but new air handling equipment will be employed for the lower floors. One new machinery enclosure will be built but other existing machinery spaces will be employed. When remodeling was done on the lower floors, the proper ducts and mixing boxes were installed in anticipation of a complete heating and air conditioning system. These would be used in this project. Appropriate steam heating coils would be installed in the system for use in the heating seasons. Temperature controls will be installed to enable control on the ground, first and second floors on an individual basis. Zone control will be employed on the third floor which is used primarily for graduate student offices and has not been recently remodeled. The installation of this system will provide adequate heating and cooling as required.

The Physical Plant department is selected as the architect and inspection supervisor.

OAKDALE ANIMAL HOUSE - REPAIR DOG PENS.

Preliminary Budget

Engineering & supervision	\$ 3,000
Demolition	7,000
General construction materials	9,000
General construction labor	5,000
Electrical construction	1,000
Sheet metal construction	1,400
Floor Covering	9,000
Painting	2,800
Plumbing	1,500

Contingencies		\$ 4,500
	Total	<u>\$44,200</u>

Source of funds: University RR & A

Project Description

The area to be repaired is one in which dogs are held. The capacity is 110 animals. Over the years there has been repeated deterioration of pen walls and floors due to moisture. This, in turn, has made sanitation and maintenance of health of the dogs very difficult.

The project will include removal of the existing masonry pen walls; replacement of pen walls with structural glazed tile and epoxy grout; installation of structural glazed tile wainscot with epoxy grout on all full-height walls; sandblast floor and installation of an acrylic base monolithic floor surface; painting and miscellaneous work connected with the project.

Since the coordination with the Medical Laboratories is extremely critical and the entire unit cannot be closed at one time, it is proposed that all of the work with the exception of the floor surfacing be done by Physical Plant forces.

The Physical Plant department is selected as the architect and the inspection supervisor.

REPAIR PLASTER AND PAINT - EAST HALL

Preliminary Budget

Engineering & supervision	\$ 800
Plastering	7,300
Painting	9,400
Contingencies	<u>1,500</u>
Total	\$19,000

Source of funds: University RR&A

Project Description

The plaster and paint in the basement and first floor public corridors, "C" section rooms south of basement corridor, second floor "C" section corridor and third floor "C" section circulation areas have gradually deteriorated over the years and are badly in need of repair. It is proposed that deteriorated plaster be removed and replaced; walls and ceilings painted and woodwork be washed and revarnished as necessary.

Since no part of the work is over \$10,000, it is proposed that the work be done by Physical Plant forces.

The Physical Plant department is selected as the architect and the inspection supervisor.

REMODEL ROOMS 40 and 47 MEDICAL LABORATORIES

Preliminary Budget

Engineering and supervision	\$ 800
General construction	3,200
Electrical construction	2,000
Plumbing and air conditioning	5,000
Contingencies	<u>1,000</u>
Total	<u>\$12,000</u>

Source of funds: University RR&A	\$ 8,055
NSF Basic Science Development Grant Account C269	<u>3,945</u>
	<u>\$12,000</u>

Project Description

The project involves remodeling in Room 40 for installation of a new Phillips Electron Microscope and remodeling in Room 47 to provide office and laboratory space.

Work includes air conditioning, new ceilings, lighting, floor covering, plumbing connections, cabinet work and other minor general construction work.

Since no part of the work is over \$10,000 and coordination of the work is critical, it is proposed that the project be done by Physical Plant forces.

The Physical Plant department is selected as the architect and the inspection supervisor.

JEFFERSON BUILDING - PAINTING - FOURTH, FIFTH AND SIXTH FLOORS

Preliminary Budget

Engineering and supervision	\$ 500
Painting	28,500
Contingencies	<u>1,000</u>
Total	<u>\$30,000</u>

Source of funds: University RR & A

Project Description

The fourth, fifth and sixth floors of the building have not been painted since taken over by the University and remain basically as they were when the building was used as a hotel.

The project includes minor plaster patching and completely repainting each of the three floors including walls and ceilings.

The Physical Plant department is selected as the architect and inspection supervisor.

MEDICAL ADMISSION WING OAKDALE HOSPITAL

Preliminary Budget

Engineering and supervision	\$ 4,500
Construction	46,000
Contingencies	<u>4,500</u>
Total	<u>\$55,000</u>

Source of funds: State Sanatorium RR & A

Project Description

This project would accomplish air conditioning of the second and third floors of the Medical Admissions Wing at Oakdale Hospital. Air conditioning is proposed so these rooms may be used for tuberculosis patients who now occupy another portion of the hospital which is air conditioned. The space released by this transfer will be occupied by extended care patients.

The new system will allow the present heating and ventilating systems to remain intact and will provide comfort cooling, with individual room control, in all patient rooms and nurses stations. Linen rooms and toilet areas are not included.

A 30-ton air conditioning system will be used. The condensing unit will be installed on the roof, with a water chiller and circulating chilled water pumps located in a space on the second floor. A ceiling mounted fan coil unit will be installed immediately inside the door of each room with chilled water supply and return lines run at ceiling level on either side of the corridor. Positioning of water lines in this manner will allow for future installation of a dropped ceiling.

A new electrical service from the basement area transformer room of MAW will be provided. Make-up water lines can be extended from existing services and condensate waste lines can be routed to existing sanitary wastes. All new lines will be insulated with material suitable for painting.

The Physical Plant department is selected as the architect and inspection supervisor.

MOTION:

Mr. Perrin moved the Register of Capital Improvement Business Transactions for the period January 3 through January 28, 1972 be approved; the contracts shown be awarded; the new projects shown above be approved; the Executive Secretary be authorized to sign the necessary documents. The motion was seconded by Mrs. Collison, and was passed unanimously.

DENTAL BUILDING PARKING LOT. The University requested approval of revised project, preliminary plans and budget for Dental Building Parking Lot Development.

REVISED BUDGET

	Approved Preliminary Budget (Parking Lot)	<u>Revised Budget</u>		
		Parking Lot	Institutional Road	Total
Engineering & Supervision	\$ 29,000	\$ 44,500	\$ 27,900	\$ 72,400
Construction	286,000	308,000	164,600	472,600
Contingencies	<u>25,000</u>	<u>15,000</u>	<u>16,000</u>	<u>31,000</u>
	<u>\$340,000</u>	<u>\$367,500</u>	<u>\$208,500</u>	<u>\$576,000</u>

SOURCE OF FUNDS

Dentistry Building 62nd G.A.	\$ 95,000	\$ 95,000	\$	\$ 95,000
Income from Treasurer's Temporary Investments	245,000	272,500	27,900	300,400
Institutional Road Fund -State Highway Commission				
1972			95,000	95,000
1973			85,600	85,600
	<u>\$340,000</u>	<u>\$367,500</u>	<u>\$208,500</u>	<u>\$576,000</u>

EXPLANATION

- The original project did not include the \$208,500 institutional road portion because the institutional road program had not been approved at that time. Following, is a description of this added portion.

PROJECT DESCRIPTION

The relocation of Woolf Avenue is the first major step in the implementation of the Health Sciences Campus circulation plan, the intent of which is to create a vehicle-free pedestrian mall connecting the major Health Science buildings. The relocation would commence near the Hospital School swinging westerly along the south side of a proposed parking area for the Dental Sciences Building and thence northerly to connect to Newton Road. The present segment of Woolf Avenue running north from the Hospital School to Newton Road would be closed for through automotive traffic and a portion of this segment would be used only as a service entrance to the Dental Sciences Building.

The proposed street relocation shall be a 31-foot back-of-curb to back-of-curb facility. It shall consist of 7-inch thick poured concrete paving with integral curb. The length of the relocation is approximately 1600 lineal feet. Necessary grading, drainage and other related work is to be performed. The project shall include miscellaneous items such as an entrance and exit at the west side of the proposed Dental Sciences Building parking lot, a reconstruction of the access to the Hospital School parking lot, the necessary construction to close the existing intersection of Woolf Avenue and Newton Road, some topsoil replacement and seeding as well as lighting along the relocation.

The routing of this relocation is substantially the same as recommended by DeLeuw-Cather and Company, traffic consultants. The Iowa State Highway Commission concurs in this recommended routing.

It is proposed that the design, bid letting and construction of this project be carried out concurrently with those of the proposed Dental Sciences Building parking lot. It is understood this street relocation shall be subject to the approval of the Iowa State Highway Commission.

2. The increase in the amount budgeted for parking lot supervision is due primarily to the inclusion of an amount for a project manager to provide overall project management and coordination under a multiple contract procedure. It is estimated that this cost will be more than offset by lower contract costs under a multiple contract procedure than under a simple contract procedure.
3. The increase of \$12,000 in the parking lot construction and contingency portion of the budget is due to minor changes in plans to implement recommendations made by the Campus Planning Committee.
4. The increase of \$55,400 in the funding from the Income from Treasurer's Temporary Investments is itemized as follows:

a. Additional supervision costs for project manager	\$15,500
b. Planning and supervision costs for the institutional road portion of the project for which the Highway Commission will not provide reimbursement	27,900
c. Increase in construction and contingency portion of parking lot budget	<u>12,000</u>
	<u>\$55,400</u>

Mr. Richard Gibson presented slides to show the stages of development of the pedestrian campus concept for the West Campus.

In extensive discussion, President Boyd expressed his very strong opinion on the necessity for beginning now to make the campus pedestrian-oriented. He stated that we must face the fact that a start must be made as envisioned in the Woolf Avenue-Newton Road project or we will eventually destroy our environment for the sake of convenience. He stated that this plan was to accommodate the problems of the automobile but not to get locked into the use of the automobile for all time. A Board member felt that the university would be left with parking ramps and no access to get to them and questioned how people needing to get to the hospital would be accommodated. The University advised that there would be shuttle bus service through the area, there would be access for emergency vehicles but what they were trying to eliminate was the general

public's through automotive use of the area. They admit that people would be inconvenienced but for the sake of the University environment this change must take place and this project would be a start. Of particular note was the non-compatibility factor of projected large numbers of pedestrians on the West Campus versus continued heavy auto traffic. A Board member questioned whether the parking ramps and lots could not be self-supporting, or where the financing would come from. The University stated that the fees now charged are not sufficient to keep up with other projects needed within the system and that they could not raise the fees to totally cover the expenses of needed West Campus improvements as that would be an unacceptably high fee. President Boyd reiterated the necessity to make a start toward a pedestrian campus or forever lose the opportunity. Plans for the East Campus to become pedestrian-oriented are also proceeding in the face of controversy. A Board member expressed his concern over placing this kind of priority on a parking lot and utilizing \$300,000 in institutional income for this purpose.

MOTION:

Mr. Wallace moved approval of the revised project, preliminary plans and budget for the Dental Building Parking Lot Development. The motion was seconded by Mr. McCartney, and was passed unanimously.

LEASE OF PROPERTY. The University requested approval of temporary, month-to-month lease from the City of Iowa City beginning February 1, 1972 at a rental rate of \$200.00 monthly. The Board of Regents previously approved a lease with W. H. Larkin and Evelyn Bickett Larkin for rental of this property located in the block bounded by Capitol, Clinton, College and Burlington Streets for use as a University parking lot, effective September 1, 1971, at a rental rate of \$200.00 monthly. This property has been purchased by the City of Iowa City Urban Renewal Program and the proposed lease is to recognize the changes in ownership of the property. The rental rate is unchanged.

It is expected that the University will continue to use the property as a parking lot until needed under the redevelopment plan of the Urban Renewal Program.

MOTION:

Mr. McCartney moved approval of a temporary month-to-month lease between the University of Iowa and the City of Iowa City for rental of the property located in the block bounded by Capitol, Clinton, College and Burlington Streets, for use as a university parking lot, effective February 1, 1972 at a rental rate of \$200.00 monthly. Mr. Wallace seconded the motion. On roll call, the vote was as follows:

AYE: Bailey, Baldrige, Collison, McCartney, Perrin, Petersen, Shaw, Wallace, Redeker

NAY: None

ABSENT: None

The motion carried.

UTILITIES IMPROVEMENTS. The following new project was presented to the Board for approval.

PRELIMINARY BUDGET

Engineering	\$ 57,000
Supervision and Administration	31,400
Construction	445,000
Contingencies	50,000
Total	<u>\$583,400</u>

SOURCE OF FUNDS:

64th G. A. Academic Revenue Bonds

General Utilities (after reserving \$57,000 for water settling basin cover)	\$222,000
Steam Main Extensions	<u>271,000</u>
	\$493,000
Health Sciences Library Budget	65,400
Educational Research Building Budget (Lindquist Center)	<u>25,000</u>
Total	<u>\$583,400</u>

PROJECT DESCRIPTION

Steam, water and electrical distribution services must be upgraded or extended to serve new buildings and to provide more operating reliability for the present distribution systems. These improvements shall include:

- a. Steam distribution - extension of high pressure steam system near the Dental Science Building to form a looped tie and steam services to the Health Sciences Library and the Lindquist Center.
- b. Steam distribution - conversion of existing 110 psig steam system to 160 psig from the Power Plant to a point near the Medical Research Center.
- c. Water distribution - extension of water system to form east side loop near University High and water main extensions to Health Sciences Library and the Lindquist Center.
- d. Electrical distribution - extension of 13.2 KV electrical services from near the Dental Science Building to serve the Health Sciences Library and extension of the existing 4160 volt system from near the Library to serve the Lindquist Center.
- e. Chilled water distribution - extension to serve the Health Sciences Library.

MOTION:

Mr. Wallace moved approval of the project, preliminary plans and budget for the utilities improvement; and selection of the Physical Plant department as inspection supervisor. The motion was seconded by Mrs. Petersen, and was passed unanimously.

STADIUM TURF. The Board in Control of Athletics presented a report of their actions on January 25, 1972 approving project, preliminary plans, budget, procedure for purchase of turf, and selection of the Physical Plant department as architect and inspection supervisor.

PRELIMINARY BUDGET

Engineering & Supervision	\$30,000
Construction & Site Preparation	129,000
Furnish & install Artificial Turf	226,000
Contingencies	8,000
Total	<u>\$393,000</u>

SOURCE OF FUNDS: University of Iowa Foundation

PROJECT DESCRIPTION

The proposed project shall consist of site preparation and installation of required drainage facilities, in order to provide a suitable base, and the installation of an Artificial Turf. The site preparation shall include earth excavation, a filter course, and an aggregate base course; also, a topping of asphaltic concrete and miscellaneous items as required. The existing drainage system shall be renovated as required in order to assure that the entire Stadium will be drained adequately.

It is proposed that the site preparation portion of the work be accomplished through the use of an outside contractor selected through the process of public bidding.

For the artificial turf portion of the project, it is proposed that the product Astro-Turf as manufactured and installed by the Monsanto Company, be purchased direct on a negotiated quotation basis. The reason for this approach is two-fold. The first and primary reason is that after an intensive investigation by the Director of Athletics, representatives of the Physical Plant Department, and representatives of the Board in Control of Athletics, it has been concluded that Astro-Turf as manufactured by the Monsanto Company has some major advantages over the two other products presently available, namely, Tartan-Turf, as manufactured by the 3-M Company, and Poly-Turf, as manufactured by American Built-Right.

The second reason for selecting Astro-Turf lies in the fact that the Monsanto Company has its own wholly owned subsidiary in "Sports Install", who installs their own product. Of the present 92 fields with Artificial Turf, this organization has installed 68. We feel that it is of paramount importance that the installation be undertaken by only those who have developed a preponderance of experience in expertise in this specialized work. Neither of the other two suppliers have their own installers in that they hire local labor and personnel as required to accomplish the installation.

In attendance to discuss the action were Jack Moyers, Chairman, Board in Control of Athletics, Guy Hasler, Project Director Physical Plant, Chalmers W. Elliott, Director of Athletics and Darrell Wyrick, Director Iowa Foundation. Reports presented were: "Evaluation and Recommendation of Artificial Turf" prepared by D. A. Nollsch and Guy Hasler; "Comparative Evaluation of Synthetic Turfs" prepared by Stanley Consultants, Inc., Muscatine, Iowa; and "Artificial Surface-- Recommendation and Final Report" prepared by Chalmers W. Elliott, Director of Athletics. All reports evaluated artificial turf, the types of turf available and all recommended installation of Astro-Turf. It was noted that the University anticipated gaining expanded recreational usage of stadium facilities with the installation of turf.

A question was raised by a Board member if the installation by experienced installers was likely to affect the total life of the turf. President Boyd replied that this was a recommendation of Mr. Carver and that he has insisted the company send a representative who would remain on the site through installation. Mr. Carver felt supervision should begin with site preparation. Mr. Elliott also remarked that it is evident the later installations show that their techniques have improved with each installation. In response to a question regarding injuries, Mr. Elliott responded that independent studies conducted by

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the Board of Control and the NCAA concurred that artificial surface is not a contributing factor to injuries.

**MOTION:**

Mr. Baldrige moved the Board accept the report of the Board in Control of Athletics actions on January 25, 1972 approving project, preliminary plans, budget, procedure for purchase of turf, and selection of the Physical Plant department as architect and inspection supervisor. The motion was seconded by Mr. Wallace, and was passed unanimously.

IOWA STATE UNIVERSITY

The following business pertaining to Iowa State University was transacted on Friday, February 11, 1972.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of January 1972 were approved.

APPOINTMENT. Upon recommendation of the University the following appointment was approved by the Board:

Marvin A. Anderson, Acting Dean of the College of Agriculture and Acting Director of the Agriculture and Home Economics Experiment Station, until a new Dean and Director is appointed. Dean Anderson will assume these duties in addition to his present position as Dean of University Extension and Director of the Cooperative Extension Service. Salary will be as budgeted for 1971-72, twelve-months basis, plus annuity, effective January 19, 1972.

FACULTY IMPROVEMENT LEAVES. The University requested approval of 20 Faculty Improvement Leaves for the 1972-73 academic year. It is anticipated that the cost of these leaves will total less than \$40,000. These leaves were selected from 30 worthy applicants by college and university selection committees.

E. Robert Baumann, Professor, Department of Civil Engineering	9/1/72 through 1/21/73
George G. Brown, Assistant Professor, Department of Zoology and Entomology	9/1/72 through 5/31/73
Joseph M. Brown, Associate Professor, Department of Electrical Engineering	9/1/72 through 6/30/73
N. Laurence Burkhalter, Professor, Department of Music	7/1/72 to 9/15/72
Harold E. Dilts, Professor, College of Education	7/1/72 through 12/21/72
Richard E. Ford, Professor, Department of Botony and Plant Pathology	9/1/72 through 8/31/73
Bernard C. Gerstein, Associate Professor, Depart- ment of Chemistry	9/1/72 through 8/31/73
Kenneth L. Kliewer, Professor, Department of Physics	8/10/72 to 8/9/73
Richard N. Kottman, Professor, Department of History	9/1/72 through 5/31/73
Kenneth E. Lassila, Professor, Department of Physics	9/1/72 through 12/31/72
Harold S. McNabb, Professor, Department of Botony and Plant Pathology and Department of Forestry	3/1/73 through 8/31/73
Barbara F. Matthies, Assistant Professor, Department of English	9/1/72 through 5/31/73
Anthony N. Michel, Associate Professor, Department of Electical Engineering	9/20/72 to 6/30/73

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Charles S. Oulman, Associate Professor, Department of Civil Engineering	3/1/72 through 8/31/72
Peter A. Peterson, Professor, Department of Agronomy	12/1/72 through 8/31/73
Richard C. Seagrave, Professor, Department of Chemical Engineering and Biomedical Engineering	9/1/72 through 8/31/73
Sunil K. Sinha, Associate Professor, Department of Physics	9/1/72 through 8/31/73
John L. Stanford, Associate Professor, Department of Physics	9/1/72 through 8/31/73
Vernon F. Stone, Professor, Department of Architecture	9/1/72 through 11/30/72 and 3/1/73 through 5/31/73
Thomas E. Walsh, Assistant Professor, Department of Institution Management	6/1/72 through 8/31/72 and 11/27/72 through 2/26/73

The complete report detailing these leaves is on file in the Board Office.

MOTION:

Mrs. Petersen moved that the Board approve the requested Faculty Improvement Leaves for Iowa State University for 1972-73. Motion was seconded by Mr. Wallace. In the absence of objection, President Redeker declared the motion passed.

VETERINARY MEDICINE FACILITIES. The University presented a progress report and requested approval of a resolution setting the date for public hearing and setting date for receiving sealed bids on the New Veterinary Medicine Facilities.

The resolution sets forth the following schedule:

Public Hearing by Board - Thursday, March 9 at UNI

Opening of Bids by University - April 6 - Phase I and Phase II

Award of Contracts by Board, specifically Phase I contracts - April 13-14 Meeting

Present funding status is as follows:

62nd G. A. Direct Appropriation	\$3,150,000
63rd G. A. Bonding Authority (Reauthorized by 64th G. A.)	3,400,000
64th G. A. Bonding Authority	6,185,000
Federal Grant Approved	6,827,115
Unfunded Grant	<u>5,993,588</u>
	\$25,495,703

Of the original \$3,150,000 appropriation, some \$1,800,000 remains in the state treasury. While it is assumed at this point that these remaining funds would be used initially to fund construction, it is possible to leave these funds

untouched and utilize bond proceeds until Fall, 1972.

Present bond schedule is as follows:

Sale of \$3,400,000	April 1972
Sale of \$6,185,000	April 1973

The University noted construction would be in two phases--Phase I to be 135,438 net sq. ft.; Phase II to be 127,540 net sq. ft. Also noted was that the general contractor is required to provide project management for this project and each bidder is being asked to set out separately the cost of this service in his bid. Further, each phase would have separate contracts for general, mechanical, electrical and fixed equipment. It was anticipated that Phase I contracts could be awarded in April while Phase II bids would be held for 120 days pending Federal funding in the requested amount of \$5,993,588.

In extension discussion, questioning turned toward the second Federal grant. Mr. Moore stated that no answer on such funds was expected by the April Board meeting but that answer was expected within the 120 day hold period. He also responded that Phase I could stand alone structurally if Phase II was not built. Further if Federal funds were not received the University would request the necessary funds from the State.

Discussion ensued on the exact bidding procedure. Concern was expressed by Board members over the question of taking something other than the low bid and difficulty in determining which bid is low. Suggestions put forth included taking low combination bid on both phases; utilizing an incentive plan whereby the contractor would bid Phase II at a price contingent upon award of Phase I. The problem with both suggestions was seen as being the uncertainty of Phase II funding.

Suggestion was also made that Phase I be bid at this time and Phase II at a later date. In response the University stated that there could be potential difficulties of having two different contractors on the site since Phase I and

II do overlap for a considerable span in the construction schedule. Mr. Moore suggested that he confer with the architect on the best method to avoid the problem of confusing the low bid and report to the Board in March. This schedule would permit an addendum to be issued to bidders.

A Board member noted that annual operating costs and debt service on bonds would be almost \$2.5 million. This project would constitute a major continuing commitment for the state. Mr. Christensen responded that the new facility would greatly increase the Federal Capitation grants to the University and when full projected enrollment was reached, significant Federal funds would be going into the operation of the facility.

MOTION:

Member Perrin introduced and caused to be read the resolution herinafter set out entitled, "Resolution providing for a notice of hearing on proposed plans, specifications and form of contracts for construction of Veterinary Medicine Facilities, on the campus of Iowa State University, and for a notice to contractors of bidding thereon". Member Perrin moved that said resolution be adopted, seconded by Member Wallace, and after due consideration thereof by the Board, the President put the question, and upon the roll being called, the following voted:

AYE: Bailey, Baldrige, Collison, McCartney,  
Perrin, Petersen, Redeker, Shaw, Wallace

NAY: None

ABSENT: None

Whereupon the President declared the resolution duly adopted.

RESOLUTION providing for a notice of hearing on proposed plans, specifications and form of contracts for the construction of Veterinary Medicine Facilities on the campus of Iowa State University and for a notice to contractors of bidding thereon.

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WHEREAS it is necessary to provide for new and expanded facilities for instruction and research in Veterinary Medicine and such other administrative and service buildings and facilities as are deemed necessary by this Board to provide supporting services to the instructional and research programs and activities on the campus of the Iowa State University in Ames, Iowa, all as

contemplated by plans, specifications and detailed drawings therefor as prepared by Henningson, Durham and Richardson, Omaha, Nebraska, as the same are now on file in the Office of the Executive Secretary of the Board; and

WHEREAS the estimated cost of constructing said Veterinary Medicine Facilities is \$25,495,703; and

WHEREAS it is necessary to fix a time and place of hearing on said proposed plans, specifications and form of contracts for the construction of Veterinary Medicine Facilities and to give notice thereof; and

WHEREAS it is further necessary to set a time and place to receive bids on said proposed improvement and to advertise therefor;

NOW, THEREFORE, Be It, and It Is Hereby Resolved by the State Board of Regents of the State of Iowa as follows:

Section 1. That the proposed plans, specifications and proposed form of contracts referred to in the preamble hereof be and the same are hereby adopted.

Section 2. That the 9th day of March, 1972, at 11:00 o'clock A.M., CST., at the Office of the President, University of Northern Iowa, City of Cedar Falls, Iowa, is hereby fixed as the time and place of hearing on said proposed plans, specifications and form of contracts as referred to in the preamble hereof.

Section 3. That the Executive Secretary of this Board is hereby authorized and directed to give notice of said hearing on said proposed plans, specifications and form of contracts by publication of such notice at least once in the "Ames Daily Tribune", a legal newspaper published in the City of Ames, Iowa, and having a general circulation in said City, which publication shall be made at least ten (10) days prior to the time of said hearing, all in conformity with Section 23.2 of the Code of Iowa, 1971. Said notice shall be in substantially the following form:

NOTICE OF PUBLIC HEARING ON PROPOSED PLANS AND  
SPECIFICATIONS AND PROPOSED FORM OF CONTRACTS FOR  
THE CONSTRUCTION OF VETERINARY MEDICINE FACILITIES  
ON THE CAMPUS OF IOWA STATE UNIVERSITY

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NOTICE IS HEREBY GIVEN that the State Board of Regents of the State of Iowa will meet at the Office of the President, of the University of Northern Iowa in the City of Cedar Falls, Iowa, on the 9th day of March, 1972, at 11:00 o'clock A.M., CST., at which time and place a hearing will be held on the proposed plans and specifications and proposed form of contracts for the Veterinary Medicine Facilities on the campus of Iowa State University, in the City of Ames, Iowa. At said hearing interested persons may file objections to said proposed plans and specifications, to the proposed form of contracts or to the cost of said improvement. The proposed plans and specifications and proposed form of contracts are now on file in the Office of the Secretary of the State Board of Regents, Grimes Building, Des Moines, Iowa, where they may be inspected by interested parties.

Section 4. That the 6th day of April, 1972, at 2:00 o'clock P.M., CST., in Beardshear Hall at Iowa State University in the City of Ames, Iowa, is hereby fixed as the time and place for opening bids on the proposed Veterinary Medicine Facilities construction project referred to in the preamble hereof.

Section 5. That the Executive Secretary of this Board is hereby authorized and directed to advertise for bids for the construction of Veterinary Medicine Facilities by publication of a notice at least twice in the "Ames Daily Tribune", a legal newspaper published in the City of Ames, Iowa, and having a general circulation in said City. the first of which publication shall be made not less than fifteen (15) days prior to the date set for receiving and opening said bids, all in conformity with Sections 23, 18 and 262.34 of the Code of Iowa, 1971. Said notice shall be in substantially the following form:

NOTICE TO CONTRACTORS OF BIDDING ON THE CONSTRUCTION  
OF VETERINARY MEDICINE FACILITIES ON THE CAMPUS OF  
IOWA STATE UNIVERSITY

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NOTICE IS HEREBY GIVEN that sealed proposals for the construction of Veterinary Medicine Facilities on the campus of Iowa State University in the City of Ames, Iowa, will be received by the State Board of Regents of the State of Iowa at the Office of the President, 117 Beardshear Hall, Iowa State University in Ames, Iowa 50010, until 2:00 o'clock P.M., CST., on the 6th day of April, 1972, and that all such proposals received by said time will be publicly opened and read aloud on the same day in Beardshear Hall.

Copies of the proposed plans and specifications, and other contract documents, are now on file at the Physical Plant Office, Central Stores Building, Iowa State University, Ames, Iowa 50010, where they may be publicly inspected by interested parties. A set of documents may be obtained from Henningson, Durham and Richardson, 8404 Indian Hills Drive, Omaha, Nebraska 68114.

Contract Documents may be examined at the following places:

Henningson, Durham and Richardson, 8404 Indian Hills Drive,  
Omaha, Nebraska 68114

Physical Plant Department, Iowa State University, Ames, Iowa 50010  
State Board of Regents Office, Grimes Building, Des Moines, Iowa 50319  
Various builders exchanges

Bona fide Prime Contract Bidders may obtain two copies of all documents at the office of the Architect upon deposit of an amount required by the Architect for each set; this deposit is refundable upon submission of a bona fide bid and return of the documents in good condition within ten (10) days following opening of bids. Instructions to Bidders give information for obtaining additional copies of documents.

Each proposal shall be on the forms provided with the Contract Documents and shall be accompanied by bid security in the form of a cash deposit, certified check, or bid bond in the amount of at least 5% of the bid.

Bid security shall be agreed upon as the measure of liquidated damages which Owner will sustain by failure, neglect or refusal of bidder to deliver a signed contract stipulating performance of the work in unqualified compliance with Contract Documents within ten (10) days after notification of award of contract to him.

No bidder on Phase I may withdraw his proposal for a period of forty-five (45) days after the date set for the opening of bids.

No bidder on Phase II may withdraw his proposal for a period of one hundred twenty (120) days after the date set for the opening of bids.

By virtue of statutory authority, the contractor shall give preference to Iowa domestic labor pursuant to the provisions of Chapter 73 of the Code of Iowa, 1971.

By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the State of Iowa.

The State Board of Regents reserves the right to reject any or all bids and to waive any irregularities therein.

Section 6. That the Executive Secretary may extend the time for opening bids or establish additional times if in his opinion this would be in the public interest.

Section 7. That all orders or resolutions, or parts of orders or resolutions, conflicting herewith be and the same are hereby repealed.

MOTION:

Mr. McCartney moved to reconsider the vote by which the above resolution was adopted. Mr. Baldrige seconded the motion, and was passed unanimously.

Discussion on bidding procedure followed and a Board member felt the resolution indicated that a bidder can bid Phase I alone and Phase II alone and that Federal regulations prohibit a requirement to bid on both phases. It was noted for the record that the Federal regulations require each Phase to be treated as a separate project.

MOTION:

Mr. McCartney moved adoption of the resolution and instruct Iowa State University to send an Addendum to bidders stating that no bidder may submit a bid on either Phase I or Phase II which is contingent upon award of either phase. Member Wallace seconded the motion, and after due con-

sideration thereof by the Board, the President put the question and, upon the roll being called, the following voted:

AYE: Bailey, Baldrige, Collison, McCartney,  
Perrin, Petersen, Redeker, Shaw, Wallace

NAY: None

ABSENT: None

Whereupon the President declared the resolution duly adopted.

LEASE AGREEMENT. The University requested approval of a lease agreement with the Park Commission, City of Ames, Iowa, with the following terms:

The proposed lease agreement between the Park Commission and the Iowa State Board of Regents would provide for a lease of land to the Park Commission for the development and use as a city park. The provisions of the lease provide for a rental of the property for the sum of \$1.00 per year to be effective on March 1, 1972, and to run for a period of 20 years thereafter. The lease provides that said premises will be used as a public park for the benefit of residents of Ames and the students, faculty and guests of Iowa State University, and further provides that the Regents may terminate the lease by giving 30 days written notice to the Park Commission in the event they cease to properly maintain said premises for that purpose, or divert it to any other use. The lease further provides that no live trees shall be cut on the real estate without the consent of the Board of Regents and that the Park Commission may plant shrubs and trees, grade said real estate for playgrounds and other park purposes, establish and maintain roads, foot paths, bicycle trails, parking areas. Summer houses and other permanent buildings may be constructed by and at the expense of the Park Commission after obtaining the Regents' approval of plans, specifications and cost for such structures. The lease further holds the Board of Regents free and harmless from any and all claims, demands or damages arising out of any use of this property by any and all persons, including employees and contractors of the Park Commission. Similar lease agreements are in effect between

the Park Commission and the Board of Regents for existing parks in the City of Ames, Iowa, including Brookside Park, McDonald Woods Park, and Franklin Park.

MOTION:

Mr. Perrin moved the Board approve the lease with the Park Commission, City of Ames, Iowa. The motion was seconded by Mrs. Petersen. On roll call, the vote was as follows:  
AYE: Bailey, Baldrige, Collison, McCartney, Perrin, Petersen, Shaw, Wallace, Redeker  
NAY: None  
ABSENT: None  
The motion carried.

PUBLIC HEARING, STEAM GENERATOR NO. 3 - DIVISION I. President Redeker called the meeting to order at 11:00 a.m. Central Standard Time, February 11, 1972, and the roll being called, there were present Stanley F. Redeker, President, in the chair, and the following named members: Bailey, Baldrige, Collison, McCartney, Perrin, Petersen, Shaw, Wallace.

The President advised that this was the day, time, and place set for a hearing on the proposed plans and specifications and proposed form of contracts for Division I - Steam Generator No. 3 - Auxiliary equipment and Central Utilities Extension on the campus of the Iowa State University, in the city of Ames, Iowa. He inquired whether there were any present who wished to register objections concerning either the proposed plans and specifications or proposed forms of contract. No objectors were present. The President then inquired whether the Executive Secretary had received any written objections to the project. The Executive Secretary stated that he had not received any such objections. There being no objections, the President declared the public hearing closed.

RESOLUTION - FIRE PROTECTION IMPROVEMENTS. The University requested approval of a resolution providing for a notice of hearing on proposed plans, specifications and form of contracts for the construction of Fire Protection Improve-

ments on the campus of Iowa State University and for a notice to contractors of bidding thereon. This project was approved by the Board in January.

MOTION:

Member Petersen introduced and caused to be read the resolution hereinafter set out entitled, "Resolution providing for a notice of hearing on proposed plans, specifications and form of contracts for construction of Fire Protection Improvements, on the campus of Iowa State University, and for a notice to contractors of bidding thereon." Member Petersen moved that said resolution be adopted, seconded by Member McCartney, and after due consideration thereof by the Board, the President put the question and, upon the roll being called, the following voted:

AYE: Bailey, Baldrige, Collison, McCartney,  
Perrin, Petersen, Redeker, Shaw, Wallace

NAY: None

ABSENT: None

Whereupon the President declared the resolution duly adopted.

RESOLUTION providing for a notice of hearing on proposed plans, specifications and form of contracts for the construction of Fire Protection Improvements on the campus of Iowa State University and for a notice to contractors of bidding thereon.

\* \* \*

WHEREAS it is necessary to improve fire safety for those academic buildings and other facilities used primarily for instructional and research purposes, the academic and service departments, including libraries, and such other administrative and service buildings and facilities as are deemed necessary by this Board to provide supporting services to the instructional and research programs and activities on the campus of the Iowa State University in Ames, Iowa, all as contemplated by plans, specifications and detailed drawings therefore as prepared by the Physical Plant Department of Iowa State University, as the same are now on file in the Office of the Executive Secretary of the Board; and

WHEREAS the estimated cost of constructing said Fire Protection Improvements is \$300,000; and

WHEREAS it is necessary to fix a time and place of hearing on said proposed plans, specifications and form of contracts for the construction of Fire Protection Improvements and to give notice thereof; and

WHEREAS it is further necessary to set a time and place to receive bids on said proposed improvement and to advertise therefore;

NOW, THEREFORE, Be It, and It Is Hereby Resolved by the State Board of Regents of the State of Iowa as follows:

Section 1. That the proposed plans, specifications and proposed form of contracts referred to in the preamble hereof be and the same are hereby adopted.

Section 2. That the 9th day of March, 1972, at 11:00 o'clock A.M., CST., at the Office of the President, University of Northern Iowa, City of Cedar Falls, Iowa, is hereby fixed as the time and place of hearing on said proposed plans, specifications and form of contracts as referred to in the preamble hereof.

Section 3. That the Executive Secretary of this Board is hereby authorized and directed to give notice of said hearing on said proposed plans, specifications and form of contracts by publication of such notice at least once in the "Ames Daily Tribune", a legal newspaper published in the City of Ames, Iowa, and having a general circulation in said City, which publication shall be made at least ten (10) days prior to the time of said hearing, all in conformity with Section 23.2 of the Code of Iowa, 1971. Said notice shall be in substantially the following form:

NOTICE OF PUBLIC HEARING ON PROPOSED PLANS AND  
SPECIFICATIONS AND PROPOSED FORM OF CONTRACTS FOR  
THE CONSTRUCTION OF FIRE PROTECTION IMPROVEMENTS  
ON THE CAMPUS OF IOWA STATE UNIVERSITY.

\* \* \*

NOTICE IS HEREBY GIVEN that the State Board of Regents of the State of Iowa will meet at the Office of the President, of the University of Northern Iowa in the City of Cedar Falls, Iowa, on the 9th day of March, 1972, at 11:00 o'clock A.M., CST., at which time and place a hearing will be held on the proposed plans and specifications and proposed form of contracts for the Fire Protection Improvements on the campus of Iowa State University, in the City of Ames, Iowa. At said hearing interested persons may file objections to said proposed plans and specifications, to the proposed form of contracts or to the cost of said improvement. The proposed plans and specifications and proposed form of contracts are now on file in the Office of the Secretary of the State Board of Regents, Grimes Building, Des Moines, Iowa, where they may be inspected by interested parties.

Section 4. That the 4th day of April, 1972, at 2:00 o'clock P.M., CST., in Beardshear Hall at Iowa State University in the City of Ames, Iowa, is hereby fixed as the time and place for opening bids on the proposed Fire Protection Improvements construction project referred to in the preamble hereof.

Section 5. That the Executive Secretary of this Board is hereby authorized and directed to advertise for bids for the construction of Fire Protection Improvements by publication of a notice at least twice in the

"Ames Daily Tribune", a legal newspaper published in the City of Ames, Iowa, and having a general circulation in said City, the first of which publication shall be made not less than fifteen (15) days prior to the date set for receiving and opening said bids, all in conformity with Sections 23, 18 and 262.34 of the Code of Iowa, 1971. Said notice shall be in substantially the following form:

NOTICE TO CONTRACTORS OF BIDDING ON THE CONSTRUCTION  
OF FIRE PROTECTION IMPROVEMENTS ON THE CAMPUS OF  
IOWA STATE UNIVERSITY.

\* \* \*

NOTICE IS HEREBY GIVEN that sealed proposals for the construction of Fire Protection Improvements on the campus of Iowa State University in the City of Ames, Iowa, will be received by the State Board of Regents of the State of Iowa at the Office of the President, 117 Beardshear Hall, Iowa State University in Ames, Iowa 50010, until 2:00 o'clock P.M., CST., on the 4th day of April, 1972, and that all such proposals received by said time will be publicly opened and read aloud on the same day in Beardshear Hall.

Copies of the proposed plans and specifications, and other contract documents, are now on file at the Physical Plant Office, Central Stores Building, Iowa State University, Ames, Iowa 50010, where they may be publicly inspected by interested parties, and from whom bona fide bidders may obtain said documents.

Contract Documents may be examined at the following places:

Physical Plant Department, Iowa State University, Ames, Iowa, 50010  
State Board of Regents Office, Grimes Building, Des Moines, Iowa 50319

Each proposal shall be on the forms provided with the Contract Documents and shall be accompanied by bid security in the form of a cash deposit, certified check, or bid bond in the amount of at least 5% of the bid.

Bid security shall be agreed upon as the measure of liquidated damages which Owner will sustain by failure, neglect or refusal of bidder to deliver a signed contract stipulating performance of the work in unqualified compliance with Contract Documents within ten (10) days after notification of award of contract to him.

No bidder may withdraw his proposal for a period of forty-five (45) days after the date set for the opening of bids.

By virtue of statutory authority, the contractor shall give preference to Iowa domestic labor pursuant to the provisions of Chapter 73 of the Code of Iowa, 1971.

By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the State of Iowa.

The State Board of Regents reserves the right to reject any or all bids and to waive any irregularities therein.

Section 6. That the Executive Secretary may extend the time for opening bids or establish additional times if in his opinion this would be in the public interest.

Section 7. That all orders or resolutions, or parts of orders or resolutions conflicting herewith be and the same are hereby repealed.

ADDITION TO IOWA STATE UNIVERSITY MEMORIAL UNION. The University requested the Board accept a report on the project description and estimated budget for an Addition to the Iowa State University Memorial Union. The proposed addition will provide a total of 23,000 gross square feet at two levels to accommodate needed expansion of the bookstore, kitchen, and maintenance shop areas. An additional 2,800 square feet of sub-basement would be constructed as a mechanical equipment space.

The program provides for more space for student activities, additional merchandising and storage areas for the bookstore, a new service dock for both the bookstore and the Union, a much needed maintenance shop, and expanded food service capabilities. Further, the footings, foundations, and structural system would be sized to accommodate an additional two floors for future expansion of dining rooms and student activity areas.

The construction would consist of reinforced concrete with stone exterior in the style of recent additions to the original building.

Estimated Project Budget

Construction	\$695,000
Architect's Fees	42,000
Insurance and legal fees	5,000
Landscaping and site work	8,000
Utility Extensions	7,000
Movable Equipment	18,000
Contingency	<u>25,000</u>
Total	\$800,000

Source of Funds:

Addition to existing bank loan \$800,000

The Board had requested information at the January meeting regarding the relationship of the Union and the addition to the proposed Continuing Education Center and also the legal relationship of the Union to the General University. The University advised the Board on the latter point that the Union at Iowa State is operated as a non-profit corporation governed by a board of directors consisting of 12 students, 12 alumni, 6 faculty and 1 member of the Board of Regents. The land is deeded to the Union Corporation with a residuary clause that when it becomes debt free it reverts back to the State of Iowa, or reverts upon request of this Board or the Executive Council. No tax funds go into the operation except the University does provide utility services for the public service areas of the Union. The University rents space from the Union for the student services, and in turn the Union rents computer time from the University for its payroll operations. The Union is separate in all aspects and yet operates as a part of the University. The Union pays sales taxes and its funds are audited by an outside auditor. The entire operation is worth about \$8 million and has 11,000 life members who have paid at least \$100 each. Seven additions have been made since the building was started in 1927, the parking ramp being the most recent addition. The addition now being proposed will fill in the small area between the main building and the parking ramp.

The University has not anticipated any increase in student fees for the addition. The debt on the new structure will be retired out of total Union income. Present student fees of \$6 per year are assessed for building and an additional \$18 is assessed for operations. Current loan outstanding is \$1.6 million. The new addition would be financed through an addition to the existing loan making the total loan \$2.4 million.

In response to the second question, it was explained that the majority of continuing education activities are now housed in the Union. The completion of

the Continuing Education Center would mean the shifting of these activities to the Center. Primary impact to the Union would come in loss of food revenue. To offset this loss, the University had indicated that the Union would be first choice of the Center in catering operations. No kitchen facilities other than receiving facilities are planned at the Center.

In brief discussion and in response to question, the University pointed out that the proposed addition was set forth primarily to provide increased space for student services and bookstore and that increased food service capabilities was very much secondary priority in the Addition.

MOTION: Mr. Baldrige moved acceptance of the report on project description and estimated budget on Addition to Iowa State University Memorial Union. The motion was seconded by Mr. Wallace and passed unanimously.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. Executive Secretary Richey reported the Register of Capital Improvement Business Transactions for the period January 14, 1972 to February 10, 1972 had been filed with him, was in order, and was recommended for approval.

The following construction awards were recommended for award:

<u>PROJECT</u>	<u>AWARDEE</u>	<u>TYPE OF CONTRACT ITEM</u>	<u>AMOUNT</u>
Little Theatre - Iowa State University Center	Black Hawk Const. Co. Waterloo, Iowa	General (Single Contract)	\$755,000.00
Dairy Breeding Research Center	Madrid Lumber Co. Madrid, Iowa	General	24,844.30

(Above amounts are net estimated sales tax refund)

The following amended project budget was presented for approval:

IOWA STATE UNIVERSITY CENTER - LITTLE THEATRE

	<u>Preliminary</u> (6-71)	<u>Amended</u> (2-72)
Construction	\$790,158	\$784,700
Equipment, Surveys and Borings	9,500	23,200
Architectural, Engineering, Legal	47,342	53,100
Landscaping	8,000	8,000
Contingencies	<u>45,000</u>	<u>31,000</u>
Total	<u>\$900,000</u>	<u>\$900,000</u>

Source of Funds: Grant from Iowa State University Foundation

MOTION:

Mr. Perrin moved approval of the award of contract for construction of Little Theatre to Black Hawk Construction Co., Waterloo, Iowa in the amount of \$755,000 and authorize the Executive Secretary to sign the necessary documents. The motion was seconded by Mrs. Collison, and passed unanimously.

Mr. Moore advised the Board there was an irregularity in the bid submitted by Madrid Lumber Company. The bidder submitted a cashier's check rather than a certified check. Following the opening of bids, the University called him and he advised the bank informed him a cashier's check was just as good as a certified check. The bidder has made good with a certified check. The University recommended the Board waive the irregularity which was permitted under the specifications.

MOTION:

Mr. Wallace moved approval of the Register of Capital Improvement Business Transactions for the period January 14, 1972 to February 10, 1972; and that the irregularity mentioned above be waived and the contract awarded as shown; the amended project budget shown be approved; the Executive Secretary be authorized to sign the necessary documents. The motion was seconded by Mr. Baldrige, and was passed unanimously.

WORKMEN'S COMPENSATION FOR STATE EMPLOYEES ENGAGED IN AGRICULTURAL WORK. Mr. Moore advised the Board that on January 14, 1972, the Deputy Industrial Commissioner had disallowed a workmen's compensation claim of a farm service laborer. The basis for not approving was a 1926 Attorney General's opinion which stated that an employee who sustains injury while engaged in agricultural pursuits on farms operated by state institutions is not entitled to compensation for such injury.

It was noted that in the past some of these problems had been eliminated by attempting to define activities in terms of their experimental research and technical aspect rather than direct agricultural activities. This definition had permitted claims to be honored in the past.

In discussion, it was noted that this situation denies a certain class of employees the workmen's compensation coverage and indirectly forces these claims into the University's group hospitalization program, making the remainder of the University employees bear a cost that is rightfully borne by the State.

Initial thoughts turned toward requesting the Attorney General to review the present applicability of the 1926 opinion. Mr. McMurray then mentioned that a bill (S.F. 524) was active in the legislature which would permit coverage of State employees engaged in agricultural work. This bill was currently in the Senate Human and Industrial Relations Committee. The Board determined that since the particular person involved in the claim in question had already been taken care of through group hospitalization, that the Executive Secretary pursue the early passage of S. F. 524. The Board also asked to be informed of bill movement.

NEW MARRIED STUDENT HOUSING. Mr. Moore reported that the University anticipated coming to the Board in March with a recommendation to hire an engineering firm

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to do layout for new married student housing development. Involved would be replacement of East Pammel Court with some sort of modular housing similar to the experimental units now in operation. He noted that one problem involved was that of writing specifications on factory built homes and that possibly negotiation rather than open competitive bidding was a possibility which needed to be explored.

In brief discussion, a Board member questioned whether the local market had been surveyed to determine whether sufficient housing was now or was projected to be available to meet needs without University building. He asked that any decision to proceed be based on facts and not assumptions. Another Board member remarked that Iowa State University was a campus entity and the effort made toward keeping the family unit as a part of the entire campus should be commended. No final decisions were reached although it was suggested that legal counsel be consulted on the question of negotiation versus open bidding.

UNIVERSITY OF NORTHERN IOWA

The following business for the University of Northern Iowa was transacted on Friday, February 11, 1972.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of January, 1972 were approved.

USE OF MARRIED STUDENT HOUSING FOR FACULTY/STAFF HOUSING. The university requested approval to house faculty and staff in the Hillside Court family housing development under the following conditions:

1. Rental rates for faculty and staff will be \$20.00 - \$30.00 per month higher than student rates. (Student rates range from \$87 to \$120 monthly.)
2. The number of faculty and staff assigned will be limited to no more than 10% of the available apartments.
3. The maximum period of faculty/staff occupancy will be two years.

The purpose of this action would be to provide temporary housing for incoming faculty and staff who may need time to explore the local housing market before making permanent arrangements. The completion of the Hillside Courts development will make it possible to house a limited number of faculty and staff for several years without penalizing married students. The proposal had been discussed with the Administrative Council.

A Board member questioned whether providing this temporary short term housing for faculty and staff would deprive students of housing and also questioned the two year period. The university advised that they had adequate housing and that no students would be denied housing. They also advised that the two year period was a maximum and that faculty members would be urged to move before the two year time limit was used and that they could not extend the residency in these units beyond that time.

MOTION:

Mr. Shaw moved the Board approve the above proposal. The motion was seconded by Mr. Perrin, and was passed unanimously.

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ACTIVITY FEE BENEFITS EXTENDED TO STUDENT SPOUSES. The University requested approval of a voluntary fee for spouses of full-time married students which is equal to one-half of the Student Activity Fee. A spouse who chooses to pay this fee will be entitled to the University services and benefits which are available to his/her student mate, e.g., health services, counseling services, part-time employment service, reduced rates for University activities and events.

Student spouses currently enjoy, at no cost, such courtesies as University Library privileges, access to the University Golf Course, season tickets to athletic events at staff rates, limited marital counseling service, etc. The Married Student Council has requested an extension of benefits and services to spouses who wish to avail themselves of the totally student program. A voluntary fee has been established which is high enough to support adequately the service agencies but not so high as to discourage participation in the program. The proposal has been endorsed by the Administrative Council. The University also noted that the \$18 fee was a negotiated figure but one which was high enough to cover the extension of health services and athletic tickets.

The question was raised by the Board as to what the other universities offered in this regard. Dr. Hardin and Vice Provost Hubbard of the University of Iowa reported the following: Student spouses and children are not taken care of through student health but by the University Hospital. For athletic events student and spouses pay student rates as follows: Basketball \$12.00; Football \$11.00. They are admitted to minor sports free with proper ID. Library services may be used for the usual two week loan service. Student's families may use the recreation services at the University.

At Iowa State University services open to spouses are more limited. The spouse of students cannot use the infirmary. They may through payment of an additional \$1.00 per quarter buy athletic event tickets at the regular student rate. They are issued library cards at no cost. They may use the Gymnasium.

The spouse cannot use the student counseling service. Group health insurance plan is available but only as a group plan and no university funds are involved.

In further discussion, the University of Northern Iowa advised that in the Waterloo-Cedar Falls area there was a shortage of physicians and that many of them do not take new patients which is one of the reasons for requesting the use of the student health center.

MOTION: Mr. Perrin moved approval of the recommendation as presented. The motion was seconded by Mr. McCartney, and was passed unanimously.

ADDITIONAL ARCHITECTURAL SERVICES. The University requested approval of payment of \$1,200 to the project architects for architectural services to be provided to the University at its request on Education Center - Unit I. The firm of Thorson-Brom-Broshar-Snyder, Waterloo, Iowa, has provided architectural services on the Education Center under these terms:

Contract dated October 10, 1967 - Unit I - Basic fee of \$78,625  
Contract dated October 10, 1967 - Master Plan Education - Basic fee of \$25,000  
Contract dated August 9, 1969 - Unit II - Basic fee of \$109,875

All fees taken against cost of construction figure out to slightly over 5%. The requested action would raise the basic fee for Unit I to \$79,825 for architectural services on a \$2.3 million project. Total fees authorized for payment to the architects for the Center would be \$214,700 on a \$5.1 million total budget project.

It was noted that funds were now available to purchase additional built in equipment for the first phase of the Education Complex. Part of the built in equipment was not included in the original specifications due to the lack of money. The Education Complex Need and Scope statement and all early planning clearly indicated the need for such equipment. It was with much reluctance that it was eliminated from consideration when the original contract was let.

The recent availability of equipment money in connection with the sale of bonds for Education Two provided the means to obtain this badly needed equipment. It was hoped that the architectural firm that had supervised the work on the

Education Complex would be employed for continuity of design and planning. The extended duties of the architect will consist of developing with the Planning Office and representatives of the Education Department an equipment list, preliminary drawings, and finally bidding specifications. The basic design of the building will accommodate the equipment since it was sacrificed for the optimum amount of academic space. Installation of built in equipment at this particular time will not greatly alter the contemplated completion date.

MOTION: Mr. Wallace moved approval of the recommendation. The motion was seconded by Mr. Perrin, and was passed unanimously.

REGISTER OF CAPITAL IMPROVEMENT BUSINESS TRANSACTIONS. The Executive Secretary reported the Register of Capital Improvement Business Transactions for the month of January, 1972 was in order and recommended approval.

MOTION: Mr. McCartney moved approval of the Register of Capital Improvement Business Transactions for the month of January, 1972. The motion was seconded by Mrs. Collison, and was passed unanimously.

DORMITORY QUESTION. Mr. Bailey inquired as to the status of a letter from a Miss Denise Klunder regarding dormitory charges. The University advised the Board that a conference had been held with Miss Klunder and after explanation of the contract for board and room she was satisfied and that the entire matter had been a misunderstanding on her part as to the procedures set forth in the contracts. Further action in this regard was not necessary.

IOWA SCHOOL FOR THE DEAF

The following business for the Iowa School for the Deaf was transacted on February 10, 1972.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of January, 1972 were approved.

REGISTER OF CAPITAL IMPROVEMENTS BUSINESS TRANSACTIONS. The Executive Secretary reported the Register of Capital Improvements Business Transactions for the month of January, 1972 was in order and recommended approval. In the absence of objection, President Redeker declared Board approval of the Capital Register for January, 1972.

FARM LEASE. The school requested the Board approve a farm lease between the Iowa School for the Deaf and Keith and Julie Husz to farm 70 acres. Term of the lease would be from March 1, 1972, to February 29, 1973, with automatic renewal unless written cancellation is given by November 1. Further provision of the lease is that crop production and expenses be shared equally; that the Lessee provide labor for application. This lease is identical to the lease currently in effect except that the acreage has been reduced from 76 to approximately 70 acres.

A Board member questioned the sharing of expenses and that the lease was a standard farm lease. The School advised that the expenses to be shared were spelled out in the lease, these being seed, fertilizer, herbicide and insecticides. They also stated that this was a standard farm lease.

MOTION:

Member Perrin moved approval of the farm lease between the Iowa School for the Deaf and Keith and Julie Husz to farm 70 acres for a period March 1, 1972 to February 29, 1973, with automatic renewal unless written cancellation is given by November 1, 1972. Mr. McCartney seconded the motion. On roll call, the vote was as follows:

AYE: Bailey, Baldrige, Collison, McCartney  
Perrin, Petersen, Shaw, Wallace, Redeker  
NAY: None  
ABSENT: None  
The motion carried.

FACILITIES NEEDS REPORT - PART II. The Board of Regents requested at the December meeting that the Iowa School for the Deaf provide a report on non-academic needs for the school. The Board was presented a report listing long-term capital and operating needs totaling \$1,260,895. Combined with the report previously presented in December, long-term needs break down as follows:

New Capital Projects	\$1,992,500
Remodeling and Renovations	364,800
Equipment	293,520
New Personnel	<u>210,000</u>
Total	<u>\$2,860,820</u>

There is some overlapping between the two reports and also some equipment is scheduled for purchase this biennium.

The Board Office is working with IBSSS and ISD to develop a ten-year capital plan for presentation to the Board in May. This plan will assess all needs presented to date by ISD and will also suggest a funding plan to meet these needs. The plan will assess the needs in terms of enrollment projections and present facility inventory including an assessment of adequacy of present space. In addition, the plan will look at academic mission both in terms of present and possible impact of changes in direction of that mission. Finally the plan will lay out some thoughts on the nature of the campus plan as related to new construction. Consideration of priorities between university needs as presented in the ten-year plan and needs presented by ISD and IBSSS will also take place.

At the December meeting Board members asked ISD to place some importance on improvement of living conditions in the dormitories. Their report contained the following items on dormitories:

New Construction	\$200,000
Remodeling and Renovations	141,000
Equipment	<u>26,040</u>
Total	<u>\$367,040</u>

In discussion of the report, Superintendent Giangreco stated that the request for the report resulted in the staff taking a critical look at the school. The Board requested Mr. Giangreco to express appreciation to the staff for the time and effort spent in preparation of this report.

GIRLS DORMITORY ADDITION REPORT. Mr. Geasland reported that as the Board had been advised at an earlier meeting, they had run into trouble with the soil condition at the site for the new girls dormitory. The architect was requested to make a soil test and had indicated that the Addition did have a layer of rock for supporting the pilings. The Consultants recommended the use of steel H piling instead of the precast pilings used on the original building. This type of piling is estimated to add \$8,000 to the cost of the facility.

The budget approved September, 1971, was for \$247,000. Provided would be 12 dorm rooms, a counselors room, a serving room plus additional toilets and showers. The school, as reported above, now estimated costs at \$255,000. The additional funds will come from land sale proceeds. (\$35,100 available)

The school also reported that the architects indicated that cost of completing the project would be \$160,000. Complete exterior shell will be constructed within present budget but the basement and ground floors will be completely unfinished. Alternate bids will be taken on completion but it was considered highly unlikely that any work could be undertaken on these two floors within present budget constraints.

In discussion and in response to question, Superintendent Giangreco answered that the \$160,000 would be needed from the 65th G.A. Board members expressed concern over obtaining this amount in direct capital. An alternative mentioned was further sale of farm land. Further consideration was deferred until bids were received and exact cost estimates were known.

IOWA BRAILLE AND SIGHT SAVING SCHOOL

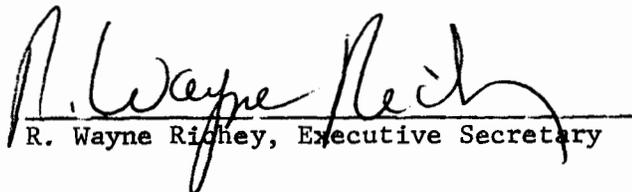
The following business for the Iowa Braille and Sight Saving School was transacted on February 10, 1972.

REGISTER OF PERSONNEL CHANGES. The actions reported in the Register of Personnel Changes for the month of January, 1972 were approved. The Executive Secretary reported the resignations of the Personnel Director and the Director of Field Services. Superintendent Rocco advised that the two positions left open due to resignations would perhaps not be filled during this fiscal year. He also reported the resignation of the school carpenter. He stated that the existing administration had been redesigned to cover these losses and that through a reduction in administrative costs, rises in nonacademic costs could be covered. In discussion, the Board directed the Superintendent to bring changes in organization to the Board prior to entering into contractual relationships. Mr. Rocco indicated that proposals would be forthcoming in the preliminary budget for FY 1972-73.

REGISTER OF CAPITAL IMPROVEMENTS BUSINESS TRANSACTIONS. The Register for January, 1972, contained no items.

REQUEST. Business Manager Berry advised that IBSSS was not included in the Annual Report of the Budget and Financial Control Committee and requested clarification as to what appeared to be an omission. The Executive Secretary agreed to seek clarification.

ADJOURNMENT. There being no further business President Redeker declared the meeting adjourned at 2:55 p.m. on Friday, February 11, 1972.

  
R. Wayne Richey, Executive Secretary