

Des Moines, Iowa
April 14-15, 1960

A meeting of the State Board of Regents was held in its office in the State Office Building, Des Moines, Iowa, on April 14-15, 1960:

Present:

Members of the State Board of Regents.

Mr. Barlow	All sessions
Mr. Crabbe	All sessions
Mr. Drebenstedt	All sessions
Mrs. Evans	April 14, only
Mr. Gillette	All sessions
Mr. Hagemann	All sessions
Mr. Noehren	All sessions
Mrs. Rosenfield	All sessions
Mrs. Valentine	All sessions

Members of the Finance Committee

Mr. Dancer	All sessions
Mr. Gernetzky	All sessions

State University of Iowa

President Hancher	All sessions
Provost Davis	All sessions
Vice President Jolliffe	All sessions
Director Jordan	All sessions

Iowa State University

President Hilton	All sessions
Provost Jensen	All sessions
Vice President Platt	All sessions
Director Elder	All sessions

Iowa State Teachers College

President Maucker	All sessions
Dean Lang	All sessions
Business Manager Jennings	All sessions

Iowa School for the Deaf

Superintendent Berg	All sessions
Business Manager Geasland	All sessions

State Sanatorium

Superintendent Spear	All sessions
Business Manager Wynn	All sessions

Iowa Braille and Sight-Saving School

Superintendent Overbeay	April 15, only
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Secretary to Secretary Lenihan

Director Cottrell	All sessions
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April 14-15, 1960 - General or miscellaneous

The Board met at 9:30 a.m., April 14, 1960, with President Hagemann in the chair and Mr. Dancer secretary of the meeting.

GENERAL OR MISCELLANEOUS

The following business relating to general or miscellaneous matters was transacted on April 14, 1960:

PLANS FOR FUTURE DEVELOPMENT - ANALYSIS OF DIFFERENTIATION AND DUPLICATION OF INSTRUCTIONAL PROGRAMS. At the meeting held on February 26, 1960, a report of an analysis of differentiation and duplication of instructional programs in the three state institutions of higher education, as of February, 1960, and as they might develop during the next decade if changes recommended by each institution were approved was submitted by the Presidents and the Committee on Educational Coordination; and President Hagemann suggested that Board members study the report so it could be discussed at the next meeting. (See page 476, Board minutes of June 23-24, 1955; page 2, Board minutes of September 8-9, 1955; page 136, Board minutes of November 9-10, 1955; page 173, Board minutes of December 8-9, 1955; page 208, Board minutes of January 12-13, 1956; page 251, Board minutes of February 9-10, 1956; page 270, Board minutes of March 12-13, 1959; page 299, Board minutes of April 9-10, 1959; and page 260, Board minutes of February 25-26, 1960.)

The Analysis of Differentiation and Duplication of Instructional Programs in the Three State Institutions of Higher Education, as of February, 1960, and as They Might Develop During the Next Decade if Changes Recommended by Each Institution Were Approved was considered and Presidents Maucker, Hancher, and Hilton discussed the report with the Board.

April 14-15, 1960 - General or miscellaneous

President Maucker submitted the following "Memorandum on Future Directions of the Development of the Three Institutions of Higher Education under the State Board of Regents", and he stated that the memorandum is a working copy based on discussions by the Presidents and the Provosts through March 2, 1960; that it has not been agreed to in all respects by representatives of all three institutions; that it is submitted in order to demonstrate that recent requests of the institutions are consistent with what some of the representatives believe to be a reasonable rationale for their future development; and that it is cast in the form of a statement which might be adopted by the Board as its "platform" or "rationale" regarding the future development of the three institutions:

"Memorandum on Future Directions of the Development of the three Institutions of Higher Education under the State Board of Regents

"The Iowa State Board of Regents is charged by law with responsibility for governing the State University of Iowa, the Iowa State University, and the Iowa State Teachers College. The Board assumes that the citizens of Iowa have established these three institutions and placed them under a single governing board in order to develop a "system of publicly supported higher education" which will

1. make educational opportunity readily available to capable Iowa youth, and
2. provide instruction, research, and educational services of high quality at reasonable cost to the citizens of the state.

"To discharge these important responsibilities, the Board of Regents seeks to maintain three separate and distinct institutions, each with sufficient individuality and autonomy to give it character and integrity, but with adequate differentiation of functions and emphasis to avoid indefensible duplication of staff and facilities and with the highest degree of cooperation feasible among the three institutions.

"It is recognized that each institution must have:

1. Distinctive purposes and emphases, reflected particularly in its advanced graduate and professional programs.

April 14-15, 1960 - General or miscellaneous

2. Strong staffing of all its programs and supporting courses in the basic disciplines of sufficient scope and depth to provide a well-rounded education for students.

There will obviously be necessary duplication of basic courses in the arts and sciences which underlie the professional fields and advanced graduate study. By the same token, there will continue to be substantial graduate and professional programs centered in one institution, with no duplication whatsoever.

"The Board seeks to maintain three first-rate institutions. Each will serve the state as a whole and in certain respects the nation and the world in a distinctive manner. In view of the rapid growth of knowledge, the changing standards in the professions, and the evolution of new professional fields and sub-fields, it is unwise, if not impossible, to impose rigid limitations on the development of institutions of higher education, but the general rationale indicating the direction of emphasis in each institution, as viewed by the State Board of Regents in 1960, is as follows:

1. The State University of Iowa at Iowa City is recognized as having a broad mandate in order that it may continue to be a distinguished state university, offering pre-professional courses, the full panoply of undergraduate liberal arts and science courses, graduate and professional work in law, medicine, dentistry, pharmacy, nursing and allied fields related to medicine, as well as social work, business administration, journalism, education, library science, and all the liberal arts and sciences, with research, extension and public service functions clearly recognized and generously supported. It will offer no major work in agriculture, architecture, forestry, or veterinary medicine. Its development will be limited in home economics, elementary education, vocational education, and engineering. It will be characterized by a somewhat different emphasis from the university at Ames, based on its general orientation toward human growth, the health sciences, the humanities, the fine arts and the social sciences - in contrast with the essentially scientific and technological emphasis at Ames.
2. The State University of Science and Technology at Ames is recognized as having a broad mandate in order that it may continue to be a distinguished land-grant university. It will give principal emphasis to the maintenance of strong professional colleges in agriculture, engineering, veterinary medicine, home economics, and the sciences, with graduate instruction, research, extension and public service functions clearly recognized and generously supported. It will offer such liberal arts and science courses as are necessary to provide strong basic education for pre-professional work and sound general education. Work in the humanities and the arts will generally be limited to the baccalaureate level and will include special emphasis on science not usually found in liberal arts colleges. The emphasis in the upper reaches of social science offerings will be on those aspects most closely related to developments in modern science and technology. There will be no major programs in law, library science,

human medicine, dentistry, pharmacy, nursing, social work, hospital administration, occupational therapy, physical therapy, or speech pathology. It will continue to prepare secondary school teachers at the undergraduate level and to offer graduate work in agricultural education, home economics education, industrial education, guidance, secondary school administration and the teaching of science and mathematics.

3. The Iowa State Teachers College at Cedar Falls will be recognized as having a mandate of sufficient scope to enable it to be a strong general state college primarily oriented toward teacher preparation. It will offer strong programs for the preparation of public school personnel at all levels of the public schools and in all fields (except agriculture and trade and industrial education) and for the preparation of college teachers, including fifth and sixth year programs, the latter leading in some cases to the doctorate on the basis of programs worked out cooperatively with one of the other two institutions. It will also offer pre-professional courses and general arts and science degree programs at the bachelor's and master's degree levels which make its teacher education offerings available to students other than those preparing for teaching. These master's degree programs will generally be somewhat broader in scope than those at the Universities designed to prepare specialists and research scholars. It will place moderate emphasis upon research (especially research directed to the improvement of teaching) and extension (the latter primarily for public school personnel). It will offer no major work in law, medicine, dentistry, pharmacy, occupational therapy, physical therapy, hospital administration, social work, architecture, forestry, engineering, agriculture, vocational trade and industrial education, or veterinary medicine.

Note: This institution may possibly develop into a university and offer doctoral programs at a later date, depending upon developments in higher education and in the state generally which it is difficult to predict at the present time.

"There may be developed at one, two or all three institutions additional offerings of a terminal, technical nature to help meet the need for post high school education of less than degree level. Some programs of this kind have been offered at all three institutions at various times; the technical institute programs at Ames represent a pilot effort to assess the need for such programs in several specific areas.

"The foregoing paragraphs have relatively little to say in a specific way about extension and public service programs at the three institutions. These programs have not as yet been analyzed by the representatives of the institutions, but it is recognized that such analysis should be carried on. It is anticipated that after there has been careful analysis and comparison of the extension and public service offerings of the three institutions, the foregoing statement will be added to or amended, to indicate the rationale with respect to these phases of the institutional programs.

April 14-15, 1960 - General or miscellaneous

This statement was to have had two additional paragraphs (drafts to have been prepared by President Hancher):

1. A statement of caution with respect to unwarranted duplication in the future.
2. A statement regarding the necessity of adequate support for the programs, linked more closely than in the past to the educational load carried by each institution."

Consideration of the foregoing proposed "platform" or "rationale" regarding the future development of the three institutions was deferred until a future meeting of the Board.

CURRICULUM CHANGE - IOWA STATE TEACHERS COLLEGE - SPECIALIST IN EDUCATION DEGREE - MAJOR IN SCHOOL ADMINISTRATION: SUPERINTENDENCY. At the meeting held on March 10-11, 1960, the Committee on Educational Coordination was requested to prepare and submit to the Board a report outlining the recommendations of Committee members regarding the Specialist in Education Degree - Major in School Administration: Superintendency. (See page 73, Board minutes of September 11, 1959; page 118, Board minutes of October 8-10, 1959; page 204, Board minutes of December 10-11, 1959; and page 320, Board minutes of March 10-11, 1960.)

The following statements were filed by members of the Committee on Educational Coordination:

I. Majority Report

"The majority of the Interinstitutional Committee on Educational Coordination approve the petition of Iowa State Teachers College to grant the Specialist in Education with a major in School Administration: Superintendency. A qualified statement supporting the petition and a statement in opposition to the petition are attached.

"Petition: Approval of the item now on the Board docket as follows:

- A. Specialist in Education Degree - Major in School Administration: Superintendency. The student must complete the general requirements for the degree and must also satisfy the departmental committee of his competence

April 14-15, 1960 - General or miscellaneous

with respect to the requirements which this committee has designated. During his graduate program, including work taken for the master's degree, the student must complete:

1. Those courses necessary to secure a Superintendent's endorsement for certification.
2. A program designed to help the student achieve a reasonable degree of competence in both the elementary and secondary levels of education.
3. A minimum of 15 graduate hours outside Professional Education.

"Reasons. Beginning September 1, 1960, the State Department of Public Instruction will require six years of college, including two years of graduate study, to qualify for the superintendent's certificate.

1. In order to continue training superintendents for the schools of Iowa as authorized by the Board of Regents' action of June, 1953, Iowa State Teachers College believes it should be granted permission to offer the Ed. S. degree in school administration: superintendency.
2. The proposed elevation of standards for school administrators recognized that the demands upon the school administrators of public schools are great and becoming greater. The school administrator should have been selected because of a high degree of competence in a particular area of knowledge. He must possess competence in teaching, involving understanding of pupil and knowledge of the learning process. He needs to understand the administrative process and possess knowledge of the technical aspects of administration. In order to assure those qualities, it is essential that an organized program of studies be available for the sixth year. The program that Iowa State Teachers College has outlined seeks not only to place an emphasis upon the technical aspects of school administration, such as budgeting, business administration, building planning and public relations, but also to develop his leadership role in instruction.
3. Since the college is now approved for the preparation of school administrators, the sixth-year program of preparation is not a new or added function, but a reflection of higher certification standards. Just as the college continued to train elementary teachers under the new four-year requirement for certification, it should also continue to train school administrators. To do otherwise would be an abdication of responsibility and it would seriously handicap the teacher education function since one of the great advantages we now have is that we encompass the responsibilities of the whole school within our training function.
4. Iowa State Teachers College has the personnel and the facilities for a preparation program of the sixth year for school administrators. The size of the undergraduate program necessitates a staff with a wide variety of specialized training and experience. We do not anticipate that the program will be a large one but we think it is highly significant in its contribution to education and to the overall program of the college."

April 14-15, 1960 - General or miscellaneous

II. Qualified Statement Supporting the Petition - James H. Jensen, Provost, ISU

"This member of the Interinstitutional Committee on Educational Coordination wishes to file a qualified favorable vote for the petition of Iowa State Teachers College for authorization to offer Specialist in Education degree - major in School Administration: Superintendency.

"Since Iowa State Teachers College has been designated as a teacher-education institution, it should ordinarily be authorized to provide this program as part of its offerings.

"However, if the National Association of School Superintendents succeeds within the next few years in establishing and achieving wide acceptance of upgrading of credentials, and, if only one institution in the state should be designated to train superintendents, then, perhaps the State University of Iowa should be that institution.

"In the meantime and for the present, a favorable vote for the petition is filed."

III. Statement in Opposition to the Petition - Harvey H. Davis, Provost, SUI

"I vote against this proposal on two grounds: First, I am sure that the same staff which prepares superintendents should also serve as consultants to school boards and school officials, and should conduct research in the field of educational administration. This requires very highly trained and competent men and good facilities. I do not think Iowa needs or should spend money for more than one such center, particularly in view of the decreasing number of school districts and the lesser number of superintendents needed. Second, the American Association of School Administrators is setting in motion a plan to upgrade the profession and limit the number of universities offering programs for preparing men for the profession. In keeping with this objective Iowa should keep its standards very high and limited to the State University of Iowa where the program has been for many years."

President Maucker submitted the following memorandum dated April 4, 1960, commenting on the Interinstitutional Committee Report about the request of the Iowa State Teachers College to grant the Specialist in Education Degree - Major in School Administration: Superintendency:

"The objections to permitting Iowa State Teachers College to include a major for superintendents of schools in its Specialist in Education degree program appear to be two:

1. Iowa has facilities for advanced preparation of superintendents and for consultative services and research in educational administration at the State University of Iowa; there is no need for another such center.

2. Iowa State Teachers College may not be able to meet the increasingly high standards now being urged by the American Association of School Administrators.

"It is extremely important that the alternatives be clearly presented. The following facts seem to us to be directly pertinent:

1. Minimum preparation now required of superintendents in Iowa is the master's degree. All three institutions under the State Board of Regents now prepare superintendents at the master's degree level. The two universities also provide more advanced and specialized preparation at the doctoral level.
2. State certification requirements are about to be raised. After August 31, 1960, anyone seeking to be certified as a superintendent in Iowa for the first time will be required to have earned 30 hours of graduate work beyond the master's degree. It is anticipated that requirements will be raised similarly in the years ahead for other administrative and supervisory positions in the public schools. A decision must be made this spring as to which institutions will be eligible to recommend for the superintendent's certificate at the sixth year level after August 31. Hence the urgency of this request.
3. Iowa State Teachers College has a fully accredited master's degree program; the college has recommended 44 persons for the superintendent's certificate in the last three years. Staff members have for many years provided consultative services to school boards and school officials; there is continuing demand for such services. If programs at Iowa State Teachers College do not move up with the state requirements, the college will simply have to cease preparing persons for leadership positions in the one professional field in which it is authorized to work.
4. Iowa State Teachers College was given general authorization by the Board in December, 1959, to offer the Ed. S. degree based on 30 hours of work beyond the master's degree, presumably so it could continue to help prepare specialists and administrative and supervisory leaders as requirements are raised. The college seeks authorization to provide the minimum preparation for superintendents; it is not asking for the advanced program, involving a high degree of specialization and research.

"In direct response to the specific objections, then, we wish to reply as follows:

1. We agree that the State University of Iowa should operate the only state-supported center for highly specialized preparation and research in educational administration. The authorization we seek is for programs less advanced, less specialized, with less emphasis upon research - programs designed to provide the basic required minimum preparation for practitioners in the field, not to prepare research specialists or professors of school administration. As we have previously indicated, we would like subsequently to develop joint programs leading to the doctor's degree at the university, as has been done in Indiana and elsewhere.

April 14-15, 1960 - General or miscellaneous

2. The program for the preparation of superintendents at the sixth year level (as now in operation at SUI and as contemplated at ISTC) is not a highly specialized research program. The ISTC proposal is simply an upgrading of present master's degree programs with half of the additional work required to be taken in academic areas outside of professional education. Nor is it sharply differentiated from the work required of principals and supervisors; these positions are so closely related that at least 75% of the courses taken by principals and superintendents may be identical. The specialization comes only in additional supervised field work and two or three specific courses pertinent to the work of the superintendent as such. It makes sense to train for these positions at the same institution. A program for all positions except the top one, the superintendency, suffers from the stigma of being half caste.
3. It appears likely that the number of positions in educational administration will not decrease perceptibly in the near future. As the number of school districts decreases, the number of superintendents will drop sharply, but there will be a corresponding increase in the number of assistant superintendents, administrative assistants, principals, supervisors, etc.
4. We welcome and applaud the drive of the American Association of School Administrators for higher standards. I have been a member of the committee developing the new standards and have kept in close touch with the movement. Our proposals have been developed with these standards in mind; as a matter of fact, our master's degree program is now operated in a manner consistent with almost all of the proposed standards. I believe that ISTC can meet the proposed standards for sixth year programs with exceedingly modest expansion of staff and facilities beyond what would reasonably be expected in accordance with the natural growth of the graduate program at the college.

"I therefore urge the State Board of Regents to approve the major in School Administration: Superintendent as one phase of the Ed.S. program at Iowa State Teachers College."

Action was deferred, pending further consideration, on the request for approval of the Specialist in Education Degree - Major in School Administration: Superintendency.

CURRICULUM CHANGE - IOWA STATE TEACHERS COLLEGE - BACHELOR OF ARTS DEGREE. At the meeting held on March 10-11, 1960, the request that the Iowa State Teachers College be authorized to grant the Bachelor of Arts degree without requiring students to qualify for teaching certificates was referred to the Committee on

April 14-15, 1960 - General or miscellaneous

Educational Coordination for consideration and report back to the Board with a recommendation; and Mr. Gernetzky was instructed to confer with the Attorney General and secure an opinion as to whether approval of the request would involve a change in the name of the Iowa State Teachers College. (See page 321, Board minutes of March 10-11, 1960.)

The Committee on Educational Coordination submitted the following report:

"The Interinstitutional Committee on Educational Coordination approved unanimously, with qualifications attached on the part of one member, the following petition of Iowa State Teachers College:

Petition: Permission to grant the Bachelor of Arts degree without requiring students to qualify for teacher certification.

Reasons:

1. The opportunity for greater service to the state by offering a liberal education to more students and at the same time enabling the institution to fulfill more effectively its primary function of preparation of teachers and other school personnel.

2. Teacher education throughout the country as at Iowa State Teachers College is incorporating more liberal studies into the teacher education curriculum. Hence the subjects and personnel for training for a non-professional Bachelor of Arts degree are already present.

3. The experience of teacher colleges which have added to their functions by granting the non-professional Bachelor of Arts degree indicates some or all of the following advantages:

- a. Recruitment of more competent students for the college and for teaching. The recruiting results show both quantitative and qualitative gains.
- b. A more cosmopolitan, intellectually stimulated student body because of the interplay of a variety of vocational and non-vocational interests.
- c. Allows for better selection of students for the teacher education program.
- d. More effective recruitment of qualified staff. Iowa State Teachers College as a single purpose institution is unfortunately viewed by many in academic circles as being narrow in scope, concerned with methodology as opposed to content, belonging to a bygone era rather than the present.
- e. More ready acceptance of graduates for advanced study."

April 14-15, 1960 - General or miscellaneous

Qualification statement - Harvey H. Davis, Provost, State University of Iowa

"I believe that this proposal should be approved to operate on a limited scale to provide for those few persons who enter the College with the intention of becoming teachers but who change their intentions later. At least some of them have good reasons for not wanting to transfer to another institution. The number should be limited to about 100 to assure the legislature and the liberal arts colleges of the state that no full-fledged college of liberal arts is planned."

President Maucker submitted the following memorandum dated April 4, 1960, commenting on the Interinstitutional Committee Report about the requests of the Iowa State Teachers College to offer the Bachelor of Arts degree without requiring students to qualify for teacher certification:

"The Interinstitutional Committee has approved our request unanimously, but one member suggests that the number of general B. A. students be limited to 100.

The following consideration seems to be relevant:

1. An arbitrary numerical limitation is clearly inconsistent with the purpose of the proposed change. We are not making this request merely to take care of a few students who wander into the college by mistake. We are seeking approval of a major step in the evolution of the institution from a normal school in 1876 to a teachers college in 1909 to a general purpose state college in 1960 or 1961. This is exactly the line of development followed by the vast majority of state-supported teacher-preparatory institutions throughout the length and breadth of this country. It is no radical departure, but a natural evolution in terms of changing conditions in our society. We are not leading the parade, as our forebears did in 1909; we are among the last of the large teachers colleges to make this request.
2. The proposed change is intended to make facilities at Cedar Falls available to a larger number and a wider variety of students, including those who do not happen to be interested in teaching. If permission is given now, ISTC can help absorb some of the large increase in college enrollment anticipated from 1963 on. And the inclusion of such students will, we believe, enable us to do a better job of preparing teachers.
3. It seems not to be understood that we are a liberal arts college and have been for at least 30 years. With the exception of half a dozen courses in Classical Civilization and Philosophy, we now offer everything offered at Coe College, for example. We are staffed, have the courses, the laboratories, and the library for liberal arts work; the principal difference is that at ISTC all students who wish to earn a

degree must take from 1/6 (high school teachers) to 1/3 (elementary school teachers) of their work in professional education, including student teaching, whereas at the liberal arts colleges only those students preparing to teach must meet such requirements. The liberal arts colleges, both public and private, all prepare teachers. They duplicate our function almost entirely, which they have a right to do. They certainly are in no position to object, however - and I don't believe they are objecting - if the state chooses to educate some non-teachers at Cedar Falls as well as at Iowa City and Ames.

4. Our aspirations include making our courses at the B. A. level now, and at the M. A. level some years hence, available to non-teachers. We do not aspire to become the type of liberal arts college found at SUI, with programs leading to the Ph.D. in highly specialized sub-divisions of the various subject fields. Our majors are broader than those generally found at SUI and similar universities. We do not anticipate offering the doctorate in academic fields. This makes a world of difference and means, in our judgment, that we pose no serious threat to the university. It is true that, as the number of undergraduates knocking at the doors of the three state institutions increases by an estimated 9,000 or 10,000 between now and 1970, perhaps 2,000 or 3,000 of them might come to TC rather than to Iowa City or Ames. According to the Registrars' estimates, this would still leave the two universities with upward of 32,000 students by 1970."

Action was deferred, pending further consideration, on the request for authority for the Iowa State Teachers College to offer the Bachelor of Arts degree without requiring students to qualify for teacher certification.

CURRICULUM CHANGES - IOWA STATE UNIVERSITY - UNDERGRADUATE MAJORS IN ENGLISH AND SPEECH AND IN MODERN FOREIGN LANGUAGES IN THE COLLEGE OF SCIENCES AND HUMANITIES. At the meeting held on March 10-11, 1960, the request that the Iowa State University be authorized to offer undergraduate majors in English and Speech and in Modern Foreign Languages in the College of Sciences and Humanities was referred to the Committee on Educational Coordination with the request that it submit a written report outlining its recommendations to the Board at the April meeting. (See page 329, Board minutes of March 10-11, 1960.)

The Committee on Educational Coordination submitted the following report:

Report

"The Interinstitutional Committee on Educational Coordination approves unanimously, with qualifications on the part of one member, the petition of Iowa State University of Science and Technology to offer undergraduate majors in English and Speech and in Modern Foreign Languages in the College of Sciences and Humanities:

1. It becomes increasingly essential to achieve and maintain excellence of teaching in the so-called 'service courses' in English and Speech and in Modern Foreign Languages. To maintain a highly qualified teaching staff, it is necessary to offer undergraduate majors in these fields.
 - a. Young able instructors are reluctant to join a staff unless they perceive some opportunity to engage in professional activities beyond those of teaching beginning courses.
 - b. Lack of major programs has led to a costly staff turnover.
 - c. The overwhelming majority of institutions of higher education have recognized the necessity of offering undergraduate majors in these fields of communication.
2. The offering of undergraduate majors in these fields would not be expensive. Virtually all courses needed are already being offered.
3. Major programs in these fields will be oriented toward the scientific and technical work."

Qualification statement - Harvey H. Davis, Provost, State University of Iowa

"I think that a limited program in these fields is justified as a means of holding staff and as a way to provide for a few students who change their educational objectives and do not want to change institutions. The program should be limited to about 50 majors in each of the two fields so that it will be clear to the legislature and to the liberal arts colleges of the state that no full-fledged college of Liberal Arts is planned."

President Hilton submitted the following statement dated April 8, 1960, about the report of the Committee on Educational Coordination concerning the request of the Iowa State University for authority to grant undergraduate majors in English and Speech and in Modern Foreign Languages:

"My comments have to do with the suggestion that the enrollment of undergraduate majors in English and Speech and in Modern Foreign Languages at Iowa State be limited to fifty students in each.

April 14-15, 1960 - General or miscellaneous

with respect to the requirements which this committee has designated. During his graduate program, including work taken for the master's degree, the student must complete:

1. Those courses necessary to secure a Superintendent's endorsement for certification.
2. A program designed to help the student achieve a reasonable degree of competence in both the elementary and secondary levels of education.
3. A minimum of 15 graduate hours outside Professional Education.

"Reasons. Beginning September 1, 1960, the State Department of Public Instruction will require six years of college, including two years of graduate study, to qualify for the superintendent's certificate.

1. In order to continue training superintendents for the schools of Iowa as authorized by the Board of Regents' action of June, 1953, Iowa State Teachers College believes it should be granted permission to offer the Ed. S. degree in school administration: superintendency.
2. The proposed elevation of standards for school administrators recognized that the demands upon the school administrators of public schools are great and becoming greater. The school administrator should have been selected because of a high degree of competence in a particular area of knowledge. He must possess competence in teaching, involving understanding of pupil and knowledge of the learning process. He needs to understand the administrative process and possess knowledge of the technical aspects of administration. In order to assure those qualities, it is essential that an organized program of studies be available for the sixth year. The program that Iowa State Teachers College has outlined seeks not only to place an emphasis upon the technical aspects of school administration, such as budgeting, business administration, building planning and public relations, but also to develop his leadership role in instruction.
3. Since the college is now approved for the preparation of school administrators, the sixth-year program of preparation is not a new or added function, but a reflection of higher certification standards. Just as the college continued to train elementary teachers under the new four-year requirement for certification, it should also continue to train school administrators. To do otherwise would be an abdication of responsibility and it would seriously handicap the teacher education function since one of the great advantages we now have is that we encompass the responsibilities of the whole school within our training function.
4. Iowa State Teachers College has the personnel and the facilities for a preparation program of the sixth year for school administrators. The size of the undergraduate program necessitates a staff with a wide variety of specialized training and experience. We do not anticipate that the program will be a large one but we think it is highly significant in its contribution to education and to the overall program of the college."

April 14-15, 1960 - General or miscellaneous

The Committee on Educational Coordination submitted the following report and recommendation:

"The Interinstitutional Committee on Educational Coordination recommends unanimously that approval be granted to the Iowa State University of Science and Technology to give an undergraduate major in Physical Education for Women.

1. There exists a much greater demand for girls' physical education teachers in Iowa high schools than can be filled by institutions now offering an undergraduate in this field. (SUI last year certified 13; ISTC 10; all institutions in Iowa 64.) The placement bureau at Iowa State University alone last year received 307 notices of vacancies.
 - a. Iowa law requires each high school student to have at least 50 minutes of physical education per week. A student receives 1/8 unit per semester and must have completed one full unit for graduation. Heretofore, girls' physical education has been taught by men in many schools. With increase in size of Iowa high schools, the demand for trained women physical education instructors will continue to increase.
 - b. Physical education is much broader than coaching athletic teams. Adequate curricula include physiology and anatomy, as well as instruction designed to promote improved posture, poise, personal mental and physical health and recreation.
2. Sufficient courses now are available and few, if any, new courses are envisaged. Physical facilities are excellent.

Action was deferred, pending further consideration, on the request of the Iowa State University for authority to offer an undergraduate major in Physical Education for Women.

PLANS FOR FUTURE DEVELOPMENT - CURRICULUM CHANGES - IOWA STATE TEACHERS COLLEGE-
IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY - MEMORANDUM OF THE STATE
UNIVERSITY OF IOWA. President Hancher submitted the following, dated April 8,
1960:

Memorandum of the State University of Iowa to the State Board of Regents
on the Requests of the
Iowa State University and the Iowa State Teachers College
for Expansion of Programs

PART I - GENERAL CONSIDERATIONS

Iowa State University and Iowa State Teachers College are presenting requests to the Board of Regents for expanded curricula and new functions. State

April 14-15, 1960 - General or miscellaneous

University of Iowa has no wish to oppose the legitimate requests of the other institutions, but it does feel that important questions of educational policy are involved in these requests.

Institutional functions and programs are matters which transcend the rights and interests of any one of the institutions or all of them combined. They are matters in which the public interest is paramount.

Implications for Board Policies

In the State University of Iowa memorandum of one year ago (March 5, 1959) the serious implications for the general policies of the Board, raised by the matters now pending, were cited. The proposed expanded curricula and new functions raise fundamental questions about the functional distinctions which have been characteristic of our three state-supported institutions of higher learning.

In answering these questions, the Board of Regents, directly or indirectly, will be required to pass upon such questions as these:

1. Shall there be three colleges of liberal arts - one in each of the three institutions?
2. Shall there be three full scale state-supported universities in Iowa?
3. In the absence of a statewide survey, is there evidence that the existing offerings of our institutions are inadequate and that collegiate or university expansion is necessary?
4. Have the wealth and population of Iowa and the academic manpower available to its three institutions reached such a level as to make the prospect of duplication among the institutions of minor concern?

Can the State of Iowa Afford More than One Distinguished Liberal Arts College?

The requests of ISU and ISTC will result in three state-supported colleges of liberal arts and certain superimposed fields of graduate study and will make one or both of the other institutions directly competitive with SUI in those areas which serve seventy per cent (70%) of SUI's student enrollment.

To support the duplication in the areas in which seventy per cent (70%) of SUI's enrollment is now receiving instruction, ISU and ISTC must:

1. Either seek new funds from the General Assembly, thus lessening the chance of adequate support for the system as a whole;
2. Or divert money from other programs which need the money and will be inadequately supported without it;
3. Or divert money from other programs which have been over-supported and for which less state appropriations would have been adequate in the past.

Iowa is a state of limited wealth, both presently and for the foreseeable future; and the efforts which its people are expending in support of higher education are greater than that of the people of many other states having comparable, or even greater, resources.

Can the State of Iowa hope to support three liberal arts colleges of great distinction?

The people of Iowa deserve and need a distinguished liberal arts college, and this need can best be met at SUI, where such a college has long been the vital heart and center of the University.

Present Programs Inadequately Supported

Even with the support effort put forth by the people of Iowa, the three institutions are gravely concerned now with problems of:

1. Capital construction (building needs)
2. Faculty salaries
3. Expanding enrollment, past and prospective
4. Expanding fields of knowledge.

The problem of support for SUI is critical; it is critical absolutely in terms of expanding enrollment and knowledge, and it is critical relatively to ISU and ISTC, as well as to competitive institutions in other states. The seriousness of SUI's current situation is made worse by the fact that the enrollment boom is just beginning. Unless immediate remedial steps are taken to correct past inequities and continuing support is assured, the State University of Iowa will be unable to hold its proud position among the great institutions of higher education.

Research for Greater Economy and Efficiency

Recognizing that SUI must continue to do everything within its power to insure the effective utilization of available funds, we are undertaking cost studies, similar in objective to the California and Western Conference Cost and Statistical Study, to be able to assure the Board and the State every economy and efficiency commensurate with excellent academic programming.

PART II - THE REQUESTS OF IOWA STATE UNIVERSITY AND IOWA STATE TEACHERS COLLEGE FOR CURRICULAR EXPANSION

The Board has before it requests for the approval of majors in English and Speech, Modern Foreign Languages and Physical Education for Women at ISU and a non-teaching A. B. degree and a Specialist in Education degree for Superintendents at ISTC.

What are the Implications of these Requests?

Since these requests seem modest and reasonable, being only a request for a few majors, why are we concerned about the granting of them? We are concerned about the granting of them because we believe that the granting of these majors will inevitably lead to the granting of additional majors year by year in other fields until there are completely duplicative and competitive Colleges of Liberal Arts at ISU and ISTC. The next step then will be to press for the granting of the right of the faculty to have candidates for master's degrees, and following that, candidates for the Ph.D.

Why Do We Take This Position?

We take this position because we believe that a well-coordinated program of state-supported higher education will best serve the needs of Iowa. A coordinated program should lead to a definition of function for each of the three institutions and a resolve to hold duplication to the barest minimum.

The State University of Iowa does not wish to stand in the way of developments at its two sister institutions. At the same time it feels that certain facts must be faced. Among these facts are the clear-cut indications that at SUI we have not been able to keep pace with comparable institutions. It is particularly disturbing to note that we are losing ground in relation to other universities of the Big Ten, which is the group with which we are usually compared, and throughout the nation. We are at a serious disadvantage when we seek new faculty members because our salaries are among the lowest in the Big Ten, and our physical facilities are not such as to attract the most outstanding scholars. In brief, the State of Iowa is already experiencing great difficulty in supporting one College of Liberal Arts which is striving to be first rate.

For these reasons SUI believes that these requests are not as minimal and insignificant as they appear to be.

If the Board of Regents abandons the concept of specialized institutions and of "major lines" and "service lines" in favor of the present proposals, on what principle will it decide future requests for curricular expansion that come to the Board?

1. Will it grant every request that each institution submits?
2. Will it grant or deny each request on principle?
3. And, if on principle, what is the principle upon which future decisions will be made?

We believe that the Regents should study these institutional requests carefully because they represent a fundamental departure from the whole theory of the coordination of higher education in this state from 1909 to 1959.

The nub of the problem is money, not only in the total amount appropriated for the three institutions, but in the distribution of those appropriations among the three institutions. This latter point was called to the Board's attention in January, and is dealt with further in the next section.

April 14-15, 1960 - General or miscellaneous

PART III - DISTRIBUTION OF APPROPRIATIONS AMONG THE THREE STATE INSTITUTIONS
OF HIGHER LEARNING IN IOWA

The historical parity approach applied to operation appropriations between SUI and ISU has caused the University, Iowa's oldest and largest institution of higher education, to suffer the serious effects of program dilution. We recognize the State's authority and responsibility to decide what portion of its economic resources should be committed to higher education. However, that sum, once determined, should be allocated to the three state-supported schools on the basis of need, indicated by the size of the institution, the programs offered and the functions performed. There is no more reason to maintain the instructional and research appropriations at parity, or even a fixed ratio, than there is for a university to divide its budget equally among each of its departments regardless of size, program or cost, or, by the same token, to pay all of its faculty members the same salary regardless of age, academic rank or subject field.

We have mentioned program dilution. What is it? How is this tied to the question of parity? Simply in this way: over a period of years requests for additional operating appropriations for the strengthening of programs have not been granted. This has resulted in an inability to upgrade the academic programs throughout the University. We have been unable to keep pace with the progress in other fine institutions of similar character, particularly in the Big Ten. Funds are urgently needed to modernize existing programs and to strengthen existing curricula. Specifically, this means the addition of new faculty, of distinguished faculty, the revision of curricula, the addition of new courses, and additional facilities in terms of space, equipment, and clerical and stenographic assistance for the faculty.

This request is by no means a suggestion or intimation that Iowa State University or Iowa State Teachers College should not be adequately supported. There is no desire to improve the University's position at the expense of its sister institutions. When we later make reference to, or comparisons with, ISU or ISTC it is not intended, nor should it be interpreted, to deny their needs for adequate support. We are simply presenting reasonable, demonstrable and logical reasons for our need for a differential allotment of funds to enable SUI to carry adequately its educational burden.

It is difficult to explain the complex structure and the departmental interrelationships of the large multi-program university. For example, about 80% of the effort of SUI's Chemistry Department goes into service courses; 52% of the education of pharmacists takes place in Liberal Arts; twenty-five per cent (25%) of the pre-dental training is conducted by the College of Medicine. These few examples are representative. This complexity, combined with our difficulty in adequately describing it, makes it difficult clearly to understand and estimate the financial needs of this type of institution.

The various academic programs offered by the University have different costs and we know that certain types of programs are much more expensive than others. Over forty-one per cent of the students at SUI are enrolled in high cost programs, i.e. the Graduate and professional colleges. A part of SUI's need is for the additional funds required to support its high proportion of

of high-cost programs. At the same time we know that teaching costs increase as the class standing of the student advances. There are obvious reasons for this. At the lower division level, that is, the freshman-sophomore level, instruction is of a more elementary nature and frequently is conducted in large lecture classes with discussion sections taught by lower ranking faculty. At the upper division level, that is, the junior-senior level, instruction becomes more advanced and specialized, the rank of the faculty becomes higher, and classes tend to become smaller. The graduate area and the professional areas, such as medicine, are by far the most expensive. Instruction is highly specialized and is conducted by the high ranking faculty, and classes and seminars are small in order to be academically effective. It is important to note that 24.5% of the student body at SUI is in the fifth year or beyond. This compares, for example, with 15.2% at ISU. Last fall (1959) SUI's enrollment beyond the fourth year was 2,644; ISU's was 1,402; and ISTC's was 250.

When a weighted enrollment technique was employed to arrive at the proportioning of the dollars available for instruction and research, the results showed that SUI should receive 50.2%; ISU 37.6%; and ISTC 12.2%. The weighting technique was not complex. Based upon the 1959 fall enrollments at the three institutions (by class standing), undergraduate students were assigned a weight of one and graduate students, defined as fifth year or beyond, were assigned a weight of three. The latter weighting was based upon the results of many institutional studies which show that the cost of graduate instruction is at least three times the cost of undergraduate instruction. This analysis shows that SUI should receive annually during the next biennium an additional appropriation approximating \$1,200,000. This additional amount should be over and above the current ratios of appropriations.

Other tests have been applied. Since 1952, the State University of Iowa has had enrollment increases every year. Since 1952, enrollment has increased 50%, over 30% more than the enrollment increase at ISU, and yet in this same period SUI's appropriation increase for instruction and research has been 6.3% less than ISU's.

When we apply simple indexes to levels-costs experienced in similar type institutions in other states and apply indexes to the fall 1959 enrollment by levels, this weighting indicates a proportioning of 54.6% for SUI and 33.4% for ISU. On the basis of this proportioning, SUI would receive an additional \$2,307,097 annually.

Thus, tested in a variety of ways, a substantial differential remains between the educational burdens carried by SUI, ISU and ISTC. This difference has not been recognized in the legislative appropriations requested and received by SUI. As between SUI and ISU, the foregoing examples indicate a minimum additional sum of \$1,200,000 annually for SUI.

We, therefore, urge the Regents to request and the General Assembly to appropriate sufficient funds to meet the needs of the three institutions, including an additional amount of \$1,200,000 or more annually for the State University of Iowa in order to enable it to carry adequately its educational burden.

CONCLUSION

In Part III we have been talking about the problems of SUI in relation to the mandate which the State has given the Board of Regents to provide three institutions of high quality, each with specific functions to perform in a coordinated system of higher education for the youth and people of Iowa. Will this mandate best be performed by establishing three colleges of liberal arts or even three full-fledged universities, none of which can reasonably hope to achieve the highest distinction, or will it best be performed under a systematic allocation of functions designed to assure the academic excellence of programs offered at each institution, such as was contemplated when the Board was originally organized?

These questions are fundamental to the development of the institutions and to their relation to the constituencies which support them. They have far-reaching implications, and, therefore, deserve the most careful study and deliberation.

Action on the foregoing Memorandum of the State University of Iowa to the State Board of Regents on the Requests of the Iowa State University and the Iowa State Teachers College for the Expansion of Programs was deferred, pending further consideration.

RECESS. President Hagemann recessed the meeting at 1:30 p.m., April 14, 1960, for the transaction of business by the Educational Policy Committee and the Building and Business Committee.

April 15, 1960

The Board reconvened at 10:15 a.m., April 15, 1960, and the following business relating to general or miscellaneous matters was transacted:

FORENSIC AND ATHLETIC CONTESTS. At the meeting on March 10-11, 1960, President Maucker reported that the matter of forensic and athletic contests between the institutions controlled by the State Board of Regents had been considered at previous meetings by the three presidents; and, at their suggestion, the item was carried over on the docket for discussion at a later meeting. (See page

April 14-15, 1960 - General or miscellaneous

139, Board minutes of November 19-21, 1959; page 180, Board minutes of December 10-11, 1959; and page 296, Board minutes of March 10-11, 1960.)

Mr. Gillette submitted the following statement and said that it was not his desire to insist on further consideration and a decision by the Board on the question of forensic and athletic contests between institutions under the control of the Board, but that he was presenting it for the record:

"It is my belief that the State of Iowa would be better served by the State University of Iowa playing Iowa State University in football rather than Kansas State or the University of Kansas.

"We have heard a great deal about the financing of our state institutions along with the very pertinent question as to the ability and willingness of the state to support three first-rate institutions. I share this concern, but I submit that it would be much more consistent and much firmer policy for the University to build up Iowa State instead of taking over \$61,000 of largely Iowa money to build up Kansas State. And this fall we will donate a similar sum of Iowa money to the University of Kansas. Both of these Kansas institutions are competitors of Iowa State in the Big Eight Conference, and when you build up these competitors you are in effect working against Iowa State.

"The Governor of Iowa accurately reflects the opinion of this state, I think, when he endorses athletic contests between the State University and Iowa State. A survey by the DES MOINES REGISTER published on April 3, 1960, shows that of the people with an opinion nearly 74% favored a football game between the State University and Iowa State.

"As far as my own record on the Board of Regents is concerned, I want it to show that I am in favor of Iowa money being used in Iowa as long as it is needed in this state."

APPROVAL OF MINUTES. On motion, which was seconded and passed, the minutes of the following meetings of the State Board of Regents were approved:

February 25-26, 1960
March 10-11, 1960

APPROVAL OF MINUTES - MEETINGS OF THE FINANCE COMMITTEE. On motion, which was seconded and passed, the actions taken by the Finance Committee as shown in the minutes of meetings, as follows, were approved and ratified:

April 14-15, 1960 - General or miscellaneous

State University of Iowa	February 17, 1960
Iowa State University	February 11 and March 16, 1960
State Sanatorium	February 16 and March 25, 1960
Iowa School for the Deaf	March 4, 1960
Iowa Braille and Sight-Saving School	February 29 and March 25, 1960

BOARD OF CONTROL OF STATE INSTITUTIONS - EDUCATIONAL PROGRAM - CORRECTIONAL EDUCATION COMMITTEE. On motion, which was seconded and passed, the report and recommendations of the sub-committee of the Committee on Educational Coordination which was appointed to consider the proposal of the Board of Control of State Institutions relative to an educational program to be offered at the institutions was approved and, upon the recommendation of the executives, the following were named members of a Correctional Educational Committee to serve as consultants to the Board of Control of State Institutions on educational matters with the understanding that all plans for correctional education work involving the use of facilities and personnel belonging to institutions of the State Board of Regents should be channeled through that committee: (See page 299, Board minutes of March 10-11, 1960.)

J. Leonard Davies, Director of Correspondence Study and Associate Professor, Extension Division, State University of Iowa

Daryl Pendergraft, Director of the Office of Field Services, Iowa State Teachers College

Burton H. Watkins, Engineering Extension Service, Iowa State University.

INVESTMENTS. Mr. Gernetzky submitted a report of the investments made by the Finance Committee during the month of March, 1960; and on motion by Mr. Barlow, which was seconded and passed, the report was accepted.

BOILER AND MACHINERY INSURANCE. At the meeting held on March 10-11, 1960, the Finance Committee was authorized after consultation with the Insurance Department to accept the lowest correct bid for boiler and machinery insurance, with

April 14-15, 1960 - General or miscellaneous

the understanding that the policy may be put into effect April 1, 1960. (See page 310, Board minutes of March 10-11, 1960.)

Mr. Gernetzky reported that, upon recommendation of the Insurance Department, the contract for boiler and machinery insurance for the period April 1, 1960, through March 31, 1963, was awarded to the Iowa Hardware Mutual Agency, Mason City, Iowa, on the basis of that firm's low correct bid for the Lumbermen's Mutual Casualty Company, Chicago, Illinois, as follows:

Base premium	\$9,425.56
Less estimated dividend	<u>1,785.11</u>
Estimated net premium	\$7,640.45

On motion by Mr. Gillette, which was seconded and passed, the foregoing report was approved and the action ratified.

PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE - MOTORIZED EQUIPMENT. On motion, which was seconded and passed, the Finance Committee was authorized to develop specifications for public liability and property damage insurance on motorized equipment for the period July 1, 1960, through June 30, 1961, and to advertise for bids on two levels of insurance.

COAL FOR 1960-1961. On motion, which was seconded and passed, the Finance Committee was authorized to prepare specifications for coal needed by the institutions during the year 1960-1961, and to advertise for bids.

SURVEY AND COMPARISONS OF TUITION AND FEES. At the meeting held on March 10-11, 1960, the Finance Committee was requested to prepare a supplement to the Survey and Comparisons of Tuition and Fees dated March 1, 1960, the supplement to be based on tuition and fee comparisons with comparable institutions in the eleven-state area only. (See page 310, Board minutes of March 10-11, 1960.)

April 14-15, 1960 - General or miscellaneous

Mr. Cottrell distributed copies of the Supplement, dated April 14, 1960, to the Survey and Comparisons of Tuition and Fees dated March 1, 1960.

President Hagemann stated that Board members could study the reports and that they would be discussed at the next meeting of the Board.

PROPOSED LEGISLATION. Mr. Dancer stated that suggestions for corrective or other proposed legislation should be submitted by Board members and executives to the Board's office so that a report could be compiled and presented to the Board for consideration.

STATE FIRE MARSHAL - FIRE SAFETY RULES AND REGULATIONS. Secretary Dancer reported that at 10 a.m., April 7, 1960, a public hearing was held regarding the fire safety rules and regulations for schools and college buildings promulgated by the State Fire Marshal; that objections were filed by some groups; and that the State Fire Marshal was delaying putting them into effect so that further consideration could be given to them.

RESOLUTION - THE AMERICAN LEGION - ROTC PROGRAMS. Secretary Dancer submitted a letter dated April 4, 1960, from R. J. Laird, Department Adjutant, Iowa Department, The American Legion, Des Moines, Iowa, as follows:

"The Executive Committee of the Iowa Department, The American Legion, at its meeting in Des Moines on February 21, 1960, passed the following resolution and directed me to send copies to the Presidents of our two universities and to each member of the State Board of Regents for their information:

" WHEREAS, Hundreds of students yearly receive basic training in ROTC Units at Iowa State University and the State University of Iowa; and

" WHEREAS, the decision to have ROTC Units and if participation in such Units is to be required are left to the various states and to the various institutions themselves; and

" WHEREAS, Participation and training for the defense of our country is the duty of every male American youth; and

April 14-15, 1960 - General or miscellaneous

"WHEREAS, Physical Training, discipline and the obligation of a citizen are as much a part of education as many other subjects; and

"WHEREAS, The most democratic method for maintaining the strength of every ROTC Unit as well as the strength of every branch of the Armed Forces is through participation of every qualified male youth;

"NOW, THEREFORE, BE IT RESOLVED, by the American Legion, Iowa Department Executive Committee assembled in Des Moines, Iowa, February 21, 1960, that we encourage the two named institutions and the Iowa Board of Regents to maintain and expand the present ROTC Programs, and that basic training in such ROTC Units be required for obtaining any degree."

STUDY OF HIGHER EDUCATION NEEDS IN IOWA - LEGISLATIVE RESEARCH BUREAU. Secretary Dancer distributed copies of a questionnaire prepared by Dr. Raymond C. Gibson in connection with the Study of Higher Education Needs in Iowa which is being made by the Legislative Research Bureau, and stated that Dr. Gibson would appreciate their being filled out and returned to him.

INCREASED ENROLLMENTS - UTILIZATION OF FACILITIES - THREE SEMESTER BASIS. Mr. Barlow submitted the following proposed resolution:

WHEREAS, it is apparent that a flood of new students will be entering our three institutions of higher learning in a few years; and,

WHEREAS, it is also apparent that the facilities of our institutions will be inadequate; and

WHEREAS, it is quite obvious that by utilizing classrooms, laboratories, etc., the year round, considerable waste will be eliminated and said savings accruing to the benefit of Iowa taxpayers; and

WHEREAS, world conditions call for a stepped-up educational program; and

WHEREAS, faculty salary increases would result because of greatly increased summer enrollment; now

THEREFORE, BE IT RESOLVED, that Presidents Hilton, Maucker and Hancher be requested to give serious consideration to the advisability of going to a three semester or four quarter a year arrangement, thereby permitting students

April 14-15, 1960 - General or miscellaneous

to graduate with a Bachelor's degree in three years, the three presidents to make a written report to the Board in time for the September, 1960, meeting, giving their recommendations.

On motion by Mr. Barlow, seconded by Mr. Gillette, the foregoing resolution was adopted.

NEXT MEETINGS. The next meetings of the State Board of Regents were scheduled to be held as follows:

May 12-13, 1960, Iowa School for the Deaf, Council Bluffs, Iowa
June 9-10, 1960, State University of Iowa, Iowa City, Iowa.

April 14-15, 1960

IOWA SCHOOL FOR THE DEAF

The following business relating to the Iowa School for the Deaf was transacted on April 15, 1960:

REGISTER OF PERSONNEL CHANGES. Upon the recommendation of the Educational Policy Committee the actions reported in the register of personnel changes at the Iowa School for the Deaf for the month of March, 1960, were approved and ratified.

PRIMARY SCHOOL BUILDING AND EQUIPMENT - STORAGE CABINETS IN WORK ROOM. The Building and Business Committee reported that the following quotations had been received for the complete installation of storage cabinets in the work room of the Primary School Building:

Alfred Bloom Company, Omaha, Nebraska	\$1,297.00
Disbrow & Company, Omaha, Nebraska	1,411.00
Anderson Construction Company, Council Bluffs, Iowa	1,063.00

Upon the recommendation of the Building and Business Committee the low quotation of \$1,063.00 of the Anderson Construction Company for the complete installation of storage cabinets in the work room of the Primary School Building was accepted, subject to approval by the Budget and Financial Control Committee, and funds were allocated from the appropriation made by the 56th G.A. for a new Primary School Building and Equipment, as follows:

Installation of storage cabinets	\$1,063.00
Architect's fee	55.00
	<u>\$1,118.00</u>

REMODEL PRIMARY HALL DORMITORY AND EQUIPMENT - PLANS. Upon the recommendation of the Building and Business Committee the plans prepared by Wetherell and Harrison, Architects, to Remodel Primary Hall Dormitory were given tentative approval, subject to approval by the Finance Committee, of the final plans and

April 14-15, 1960 - Iowa School for the Deaf

specifications when they are submitted, and the Finance Committee was authorized to set a date to receive and open bids.

FARM LEASE. Mr. Barlow moved that a proposed lease by and between the State Board of Regents and Ben Sieck, Council Bluffs, Iowa, tenant, covering approximately 80 acres of farm land located in the NW 1/4 of the NW 1/4 of Section 7, and the SE 1/4 of the NE 1/4 of Section 7, and the NE 1/4 of the NE 1/4 of Section 8, and the SW 1/4 of the NW 1/4 of Section 8, and the NW 1/4 of the NW 1/4 of the SW 1/4 of Section 8, and the SW 1/4 of the SW 1/4 of Section 8, all in Lewis Township, N 74 R 43 W, Pottawattamie County, Iowa, for the period of one year commencing January 1, 1960, at a rental as follows, be approved and that the Secretary of the State Board of Regents be authorized to sign it:

\$10.00 an acre for the alfalfa land;
Share crop the balance in accordance with a plan approved by the School.

The motion was seconded and on roll call the vote was as follows:

Aye: Mr. Barlow, Mr. Crabbe, Mr. Drebenstedt, Mr. Gillette, Mr. Noehren,
Mrs. Rosenfield, Mrs. Valentine, and Mr. Hagemann.

Nay: None.

Absent: Mrs. Evans.

The chairman declared the motion passed.

April 14-15, 1960

IOWA BRAILLE AND SIGHT-SAVING SCHOOL

The following business relating to the Iowa Braille and Sight-Saving School was transacted on April 15, 1960:

REGISTER OF PERSONNEL CHANGES. Upon the recommendation of the Educational Policy Committee the actions reported in the register of personnel changes at the Iowa Braille and Sight-Saving School for the months of February and March, 1960, were approved and ratified.

RESIGNATION. The resignation of Donald W. Overbey as Superintendent of the Iowa Braille and Sight-Saving School, effective August 1, 1960, was accepted with regret. Mr. Overbey has accepted a position as Superintendent of the Ohio School for the Blind.

BUDGET FOR 1960-1961. Superintendent Overbey distributed copies of the proposed budget of the Iowa Braille and Sight-Saving School for the year 1960-1961 and a statement setting forth the salient facts regarding the budget, and Mr. Gernetzky stated that it had been approved by the Finance Committee.

On motion, which was seconded and passed, the proposed budget of the Iowa Braille and Sight-Saving School for the year 1960-1961, totaling \$448,532.00, was adopted and the Finance Committee was authorized to approve minor changes and adjustments. (See Budgets, Volume 24.)

FIRE PROTECTION PROJECT - RECOMMENDATIONS OF STATE FIRE MARSHAL - PLANS AND SPECIFICATIONS. Upon the recommendation of the Building and Business Committee the plans and specifications prepared by Grow and DeVoe for the Fire Protection Project were tentatively approved, subject to final approval by the Finance Committee and the Finance Committee was authorized to set a date for receiving and opening bids.

April 14-15, 1960 - Iowa Braille and Sight-Saving School

SUPERINTENDENT'S HOME - AIR CONDITIONING - ACCEPTANCE. The Building and Business Committee reported that Vernon Gordon, Chief Engineer, and D. W. Overbeay, Superintendent, had inspected the air conditioning in the Superintendent's Home and found that the contractor, the Egge Plumbing and Heating Company, Vinton, Iowa, had completed the work in accordance with the plans and specifications and contract documents.

Upon the recommendation of the Building and Business Committee the air conditioning work in the Superintendent's Home was accepted as of this date, April 15, 1960, from the Egge Plumbing and Heating Company, and payment of the final estimate in accordance with the provisions of Chapter 573, 1958 Code of Iowa, was authorized.

FARM LEASE. Mr. Barlow moved that the Secretary of the State Board of Regents be authorized to execute a lease by and between the State Board of Regents for the use and benefit of the Iowa Braille and Sight-Saving School, Landlord, and Ivan D. Anderson, Tenant, covering approximately 22 acres of land located in Section 20, Taylor Township, Benton County, Iowa, described as follows: Blocks 7, 8, 10 and 11, William's Addition, and the SW 1/4 of the NW 1/4 of Section 20, Township 85, Range 10, excepting that part now occupied by State buildings, for the period March 1, 1960, through February 28, 1961, on a share crop basis.

The motion was seconded and on roll call the vote was as follows:

Aye: Mr. Barlow, Mr. Crabbe, Mr. Drebenstedt, Mr. Gillette, Mr. Noehren, Mrs. Rosenfield, Mrs. Valentine, and Mr. Hagemann.

Nay: None.

Absent: Mrs. Evans.

The chairman declared the motion passed.

April 14-15, 1960

STATE SANATORIUM

The following business relating to the State Sanatorium was transacted on April 15, 1960:

REGISTER OF PERSONNEL CHANGES. Upon the recommendation of the Educational Policy Committee the actions reported in the register of personnel changes at the State Sanatorium for the month of March, 1960, were approved and ratified.

April 14-15, 1960

STATE UNIVERSITY OF IOWA

The following business relating to the State University of Iowa was transacted on April 15, 1960:

REGISTER OF PERSONNEL CHANGES. Upon the recommendation of the Educational Policy Committee the actions reported in the register of personnel changes at the State University of Iowa for the month of March, 1960, were approved and ratified.

DEATHS. Mr. Gillette stated that President Hancher had reported to the Educational Policy Committee the following deaths:

Mrs. Grace E. Chaffee, assistant professor emeritus, Department of Sociology and Anthropology, College of Liberal Arts, on March 29, 1960, in Iowa City. Mrs. Chaffee was 78 years of age at the time of her death and had been a member of the University faculty since 1920.

Dr. Ruben Nomland, professor and head of the Department of Dermatology and Syphilology, College of Medicine, on April 13, 1960, in Iowa City. Dr. Nomland had been a member of the University faculty since 1936.

RESIGNATIONS. Upon the recommendation of the Educational Policy Committee and President Hancher the following resignations were accepted:

Albert J. Reiss, Jr., professor and chairman of the Department of Sociology and Anthropology, College of Liberal Arts, effective June 10, 1960. He has accepted a position as professor of Sociology and director of the Wisconsin Survey Research Laboratory, University of Wisconsin.

William Streib, associate professor in the Department of Electrical Engineering, College of Engineering, effective June 10, 1960, to accept a National Science Foundation fellowship and to work toward an advanced degree.

Malcolm F. Smiley, professor in the Department of Mathematics, College of Liberal Arts, effective June 10, 1960, to accept an appointment at the University of California at Riverside.

Reynold J. Ruppe, associate professor in the Department of Sociology and Anthropology, College of Liberal Arts, effective August 10, 1960, to accept an appointment at Arizona State University.

April 14-15, 1960 - State University of Iowa

LEAVES OF ABSENCE. Upon the recommendation of the Educational Policy Committee and President Hancher the following leaves of absence were granted:

Karl E. Leib, professor emeritus in the Department of Labor and Management, College of Business Administration, for the academic year 1960-1961, without salary, to serve a second year on the faculty of Southern Illinois University.

Gerhard Hartman, superintendent of University Hospitals, from May 23, 1960, through September 30, 1960, without salary, to serve as consultant under an agreement with the School of Hospital Administration, University of Australia, entered into on September 27, 1957.

APPOINTMENTS. Upon the recommendation of the Educational Policy Committee and President Hancher the following appointments were made:

Paul Olefsky, associate professor (without tenure) and conductor of the University Symphony, Department of Music, School of Fine Arts, College of Liberal Arts, for two years, at a salary of \$8,500 plus insurance programs, nine months' basis, effective September, 1960; salary payable from Account A 248, 1960-1961 Budget, vice Gigante.

Dr. Lauren A. Woods, professor and head of the Department of Pharmacology, College of Medicine, at a salary of \$20,000, plus insurance programs, twelve months' basis, effective July 1, 1960; salary payable as follows: Account A 534, \$18,000; Account Q 939, \$2,000.

TEMPORARY ASSIGNMENT AND INCREASE IN COMPENSATION. Upon the recommendation of the Educational Policy Committee and President Hancher, Willard L. Boyd, associate professor in the College of Law, was assigned to teach a course in International Law in the Department of Political Science, College of Liberal Arts, on a temporary basis effective as of March 23, 1960, and his compensation was increased for the duration of the assignment at the rate of \$700 for the period March 23 to June 10, 1960; the additional salary to be paid from Account A 174, line 2.

TUITION AND FEES - INCREASE. On motion by Mr. Gillette, which was seconded and passed, the following schedule of tuition and student fees was adopted, effective as indicated: (Mrs. Evans absent)

April 14-15, 1960 - State University of Iowa

STUDENT FEES

<u>College</u>	Per Semester Effective 1960-1961	
	<u>Resident</u>	<u>Non-Resident</u>
Business Administration	\$120	\$260
Dentistry	210	410
Dental Hygiene	120	260
Engineering	120	260
Graduate	140	140
Law	140	280
Liberal Arts	120	260
Medicine	210	410
Nursing (1st 2 years)	120	260
Pharmacy	120	260
Practical Nursing	100	100
	Effective Summer 1960	
<u>Summer Session</u>	<u>Resident</u>	<u>Non-Resident</u>
Graduate	\$ 85	\$ 85
Business Administration, Dental Hygiene, Engineering Law, Liberal Arts, Nursing (1st 2 years), Pharmacy	85	105
Practical Nursing	40	40

Special Registration for Saturday classes,
Independent Study, work shops and other
comparable programs
(excludes student activity privileges)

\$9 per credit hour

(The student fee increase is \$20 an academic year and \$10 a summer session.)

PROPOSED BUDGET FOR 1960-1961 - REVISED TOTAL FOR GENERAL OPERATIONS. Mr.

Barlow moved that, in order to give effect to the student fee increase, the budget total for State University General Operations for the year 1960-1961 be increased from \$14,541,755 to \$14,771,755, an increase of \$230,000, based on a revised summary submitted by President Hancher. The motion was seconded by Mr. Gillette and passed. (See page 273, Board minutes of February 25-26, 1960.)

CHEMISTRY BUILDING WITHOUT EQUIPMENT - CONTRACTS. The Building and Business

Committee reported that at 1 p.m. on March 31, 1960, a public hearing was held regarding the construction of a Chemistry Building Without Equipment, with the

April 14-15, 1960 - State University of Iowa

following present: David A. Dancer, Secretary, and Doyle Cottrell, Director of Research and Statistics, of the Office of the State Board of Regents; and George L. Horner, Superintendent of the Division of Planning and Construction, State University of Iowa; that no objections were filed and no objectors appeared; and that at 2 p.m. bids were received and opened in the presence of Secretary Dancer and Director Cottrell, Office of the State Board of Regents; W. J. Brown and E. H. Healey, Architects; and Vice President Jolliffe, Business Manager Mossman, Superintendent Horner, Designer-Draftsman Jordison, and Professor and Head Shriner (Chemistry Department) of the State University. (A copy of the tabulation of bids was distributed and is on file in the office of the State Board of Regents.)

Upon the recommendation of the Building and Business Committee the contracts for the construction of the Chemistry Building Without Equipment were awarded to the low bidders, as follows, the awards having been approved and funds allocated by the Budget and Financial Control Committee on April 6, 1960, and the Secretary of the State Board of Regents was authorized to sign the contracts when satisfactory bonds have been filed:

General construction contract to Viggo M. Jensen Construction Company, Iowa City, Iowa, on the basis of that firm's low bid as follows:		
Base bid	\$417,777	
Alternate #2, add	<u>26,318</u>	
Contract price		\$444,095
Plumbing, heating and ventilating contract to the Ryan Plumbing and Heating Company, Davenport, Iowa, on the basis of that firm's low base bid of		130,900
Electrical contract to the Acme Electric Company, Cedar Rapids, Iowa, on the basis of that firm's low base bid of		35,222
Elevator contract to the Otis Elevator Company, St. Louis, Missouri, on the basis of that firm's low base bid of		23,710

April 14-15, 1960 - State University of Iowa

CHEMISTRY BUILDING WITHOUT EQUIPMENT - REVISED PROJECT BUDGET. Upon the recommendation of the Building and Business Committee, the following revised project budget for the Chemistry Building without Equipment was approved: (See page 336, Board minutes of April 9-10, 1960.)

<u>Funds available</u>	Budget Approved <u>4/9/59</u>	Revised <u>Budget</u>
Appropriation, 58th G.A.	\$852,500	\$852,500
<u>Estimated expenditures</u>		
Planning and supervision	\$ 42,000	
Division of Planning and Construction		16,643
Architect's fee		25,357
Construction contracts	722,500	633,927
Utilities connections	50,000	50,000
Contingencies	<u>38,000</u>	<u>131,573</u>
		\$857,500
Less estimated tax refunds		<u>5,000</u>
Total estimated expenditures	\$852,500	\$852,500

LIBRARY ADDITION WITHOUT EQUIPMENT - CONTRACTS. The Building and Business Committee reported that at 1 p.m., April 7, 1960, a public hearing was held in the office of the Superintendent of the Division of Planning and Construction, State University, Iowa City, Iowa, regarding the construction of a Library Addition without Equipment, with Finance Committee Member Gernetzky and Superintendent Horner and his staff present; that no objections were filed and no objectors appeared; and that at 2 p.m., in the Senate Chamber of the Old Capitol bids were received and opened with the following present: Mr. Gernetzky, a member of the Finance Committee; Vice President Jolliffe and Superintendent Horner, of the State University; Wm. Parrish, John Parrish, and Charles Richardson, of the architectural firm of Parrish & Richardson; and Larry Moore of Moore & Bouse, Consulting Engineers, Cedar Rapids, Iowa.

A tabulation of the bids received for the Library Addition without Equipment and a statement explaining the alternates were distributed, and copies are on

April 14-15, 1960 - State University of Iowa

file in the Board's Office.

Upon the recommendation of the Building and Business Committee the contracts for the construction of the Library Addition without Equipment were awarded to the low bidders, as follows, subject to approval and allocation of funds by the Budget and Financial Control Committee, and the Secretary of the State Board of Regents was authorized to sign the contracts when satisfactory surety bonds have been filed:

General construction contract to Ringland-Johnson Construction Company, Clinton, Iowa, on the basis of that firm's low bid, as follows:

Base bid		\$422,392	
Less Alternate #1	\$3,500		
Alternate #2	<u>4,150</u>	<u>7,650</u>	
Contract price			\$414,742

Plumbing and heating contract to Kehrer-Wheatland, Inc., Cedar Rapids, Iowa, on the basis of that firm's low bid, as follows:

Base bid		\$97,885	
Add Alternate #1	\$22,385		
Alternate #2	<u>9,185</u>	<u>31,570</u>	
Contract price			\$129,455

Ventilating and air conditioning contract to the Filter Supply Company, Cedar Rapids, Iowa, on the basis of that firm's low bid, as follows: *

Base bid		\$59,374	
Add: Alternate #1	\$ 4,331		
Alternate #2	6,099		
Alternate #3	<u>9,798</u>	<u>20,228</u>	
Contract price			\$ 79,602

*Selection of chiller units to be made later, based on a report and recommendation of the Building and Business Committee.

Temperature control contract to Johnson Service Company, Cedar Rapids, Iowa, on the basis of that firm's low bid, as follows:

Base bid		\$16,273	
Add: Alternate #1	\$1,878		
Alternate #2	<u>1,098</u>	<u>2,976</u>	
Contract price			\$ 19,249

April 14-15, 1960 - State University of Iowa

Electrical contract to the Fandel Electric Company, Cedar Rapids, Iowa, on the basis of that firm's low bid, as follows:

Base bid		\$45,678	
Add: Alternate #1	\$ 864		
Alternate #2	987	1,851	
Contract price			\$47,529

LIBRARY ADDITION WITHOUT EQUIPMENT - REVISED PROJECT BUDGET. Upon the recommendation of the Building and Business Committee the following revised project budget was adopted for the Library Addition without Equipment: (See page 64, Board minutes of September 11, 1959.)

	Budget Approved <u>4/9-10/59</u>	Revised Budget
<u>Funds available</u>		
Appropriation, 58th General Assembly	\$828,400	\$828,400
<u>Estimated expenditures</u>		
Planning and supervision		
Division of Planning and Construction	14,743	14,743
Architect's fee	30,356	28,270
Construction (including air conditioning and other work in original building) - contracts	737,150	690,577
Utility connections	22,000	22,000
Contingencies	<u>24,151</u>	<u>73,810</u>
	\$828,400	\$834,400
Less estimated sales tax refunds		6,000
Total estimated expenditures	<u>\$828,400</u>	<u>\$828,400</u>

UTILITIES - PROJECT A2, POWER PLANT PIPING RENOVATION - PROJECT A7, STEAM DISTRIBUTION SYSTEM - CONTRACTS. The Building and Business Committee reported that at 10 a.m., April 12, 1960, a public hearing was held in the office of the Superintendent of the Division of Planning and Construction, State University of Iowa, Iowa City, Iowa, regarding Utilities, Project A2, Contract 5, Power Plant Piping Renovation, and Project A7, Contract 6, Steam Distribution System, with Superintendent Horner and his staff present; that no objections were filed and no objectors appeared; and that at 10:30 a.m., bids were received and opened in the

April 14-15, 1960 - State University of Iowa

Senate Chamber of Old Capitol with the following present: Finance Committee Chairman Gernetzky; Vice President Jolliffe, Business Manager Mossman, Superintendent Horner, Superintendent Phillips, and Engineer Nollsch, of the State University; and G. Fisher, of the Stanley Engineering Company.

A tabulation of the bids received was distributed and a copy is on file in the office of the State Board of Regents.

Upon the recommendation of the Building and Business Committee the contracts for Utility projects were awarded to the low bidders, as follows, subject to the approval and allocation of funds by the Budget and Financial Control Committee, and the Secretary of the State Board of Regents was authorized to sign the contracts when satisfactory bonds have been filed:

Contract 5, Project A2 Power Plant Piping Renovation, to the Winger Construction Company, Ottumwa, Iowa, on the basis of that firm's low base bid	\$248,000
Contract 6, Project A7, Steam Distribution System, to the Ryan Plumbing and Heating Company, Davenport, Iowa, on the basis of that firm's low base bid	\$273,370

UTILITIES - PROJECT A2, POWER PLANT PIPING RENOVATION - PROJECT A7, STEAM DISTRIBUTION SYSTEM - REVISED PROJECT BUDGET. Upon the recommendation of the Building and Business Committee the following revised project budget was approved for Utilities, Project A2, Power Plant Piping Renovation, and Project A7, Steam Distribution System: (See pages 390-396, Board minutes of May 7-8, 1959; pages 149-150, Board minutes of November 19-21, 1959; page 190, Board minutes of December 10-11, 1959; and page 317, Board minutes of March 10-11, 1960)

April 14-15, 1960 - State University of Iowa

<u>Estimated expenditures</u>	<u>Project Budget Revised 11/19/59</u>	<u>Project Budget Revised 4/15/60</u>
Project A2, Power Plant Piping Renovation		
Construction	\$331,000	\$248,000
Contingencies	23,000	23,000
Engineering	15,400	12,000
University planning	<u>5,000</u>	<u>5,000</u>
Total estimated expenditures	\$374,400	\$288,000
Project A7, Steam Distribution System		
Construction	\$540,000	\$273,370
Contingencies	50,000	30,000
Engineering	25,000	13,000
University planning	<u>10,000</u>	<u>5,000</u>
Total estimated expenditures	<u>\$625,000</u>	<u>\$321,370</u>
Total estimated expenditures for Project A2 and Project A7	\$999,400	\$609,370
To be transferred to unallocated Contingencies		390,030
<u>Funds available</u> for which allocation is to be requested		
Appropriation for Utilities, 58th G.A.		\$344,870
Appropriation for Steam Distribution (Special RR&A), 58th G.A.		165,000
Appropriation for Equipment and Installation for Use of Gas Fuel (Special RR&A), 58th G.A.		16,100*
Total		\$525,970

*Estimated applicable portion of Project A2, Contract 5

HAWKEYE APARTMENTS - TELEVISION ANTENNA - CONTRACT. The Building and Business Committee reported that at 10 a.m., April 12, 1960, a public hearing was held in the Office of the Superintendent of Planning and Construction, State University of Iowa, Iowa City, Iowa, regarding the Television Antenna for Hawkeye Apartments, with Superintendent Horner and his staff present; that no objections were filed and no objectors appeared; and that at 10:30 a.m., bids were received and opened in the Senate Chamber of Old Capitol with the following present: Finance Committee Chairman Gernetzky; Vice President Jolliffe, Business Manager Mossman, Superintendent Horner, Superintendent Phillips, and Engineer Nollsch, of the State University; and G. Fisher, of the Stanley Engineering Company.

April 14-15, 1960 - State University of Iowa

The following is a tabulation of the bids received:

<u>Bidder</u>	<u>Bid Security</u>	<u>Base Bid</u>	<u>Alt. #1</u>
Communication Engineers, Cedar Rapids, Iowa	\$1,250	\$18,143	add \$ 6,500
Woodburn Sound Service, Iowa City, Iowa	565	10,700	add 600

Upon the recommendation of the Building and Business Committee the contract for the Television Antenna Hawkeye Apartments was awarded to the low bidder, the Woodburn Sound Service, Iowa City, Iowa, on the basis of that firm's bid of \$10,700, subject to investigation of the responsibility of the bidder and manufacturer's guarantee and approval by the Finance Committee.

NEW WOMEN'S DORMITORY - ARCHITECT. Upon the recommendation of the Building and Business Committee a contract with Altfillisch, Olson, Gray and Thompson, Architects, in association with the Division of Planning and Construction of the State University, for architectural services for the new Women's Dormitory, on the following basis was approved and the Secretary of the State Board of Regents was authorized to sign it: (See page 279, Board minutes of February 25-26, 1960.)

Basic rate of 3.75% of the cost of the work;

Payment of the sum of \$2,650 for services rendered to date on the Men's Dormitory contract, dated May 10, 1956; that amount representing total payment on said contract and said contract being terminated by acceptance of said payment. If owner, at a future date, enters into a new contract with the firm for a Men's Dormitory, the sum of \$2,650 shall be credited to the Owner as part of the fee arising therefrom.

IOWA MEMORIAL UNION ADDITION, UNITS IV, V AND VI - INTERIOR DECORATING AND FURNISHINGS - PROPOSALS. The Building and Business Committee reported that the following proposals had been received for the consultant services for interior decorating and furnishings for the Iowa Memorial Union Addition, Units IV, V and VI: (See page 281, Board minutes of February 25-26, 1960.)

April 14-15, 1960 - State University of Iowa

	Rate		
	Hrly	Daily	
W. D. MacKenzie Co., Cedar Rapids	\$	\$95.00	(or) 9% of purchases. Plus out-of-state travel
The Killian Co., Cedar Rapids	12.50	100.00	Not to exceed 5% of purchases
Smulekoff's, Cedar Rapids	8.00 per person 2 persons	128.00 2 persons	Not to exceed 5% of purchases
Younkers, Des Moines	16.00	128.00	Plus expenses for travel and for living in Iowa City
Davidsons, Des Moines	No charge		
Lubben's Interiors, Cedar Rapids	5% of purchases or cost plus 10%		
Glenn Lull, Des Moines	No proposal		
Design, Inc., St. Louis, Mo.	No proposal		

Mr. Barlow stated that the Building and Business Committee had no recommendation to make at this time in regard to the foregoing proposals, but that they will be studied and a recommendation submitted later.

STATE PSYCHOPATHIC HOSPITAL - BUDGET CEILING INCREASE FOR EQUIPMENT. Upon the recommendation of the Building and Business Committee and President Hancher, and in consideration of the urgent need for additional equipment, and the availability of funds from Budget savings in the 1959-1960 budget of the State Psychopathic Hospital, authority was granted to increase the budget ceiling for equipment for the State Psychopathic Hospital by \$54,927 for the year 1959-1960.

STATE PSYCHOPATHIC HOSPITAL - TRANSFER OF FUNDS. Upon the recommendation of the Building and Business Committee and President Hancher, authority was granted to request the Governor and the State Comptroller to authorize the transfer of funds appropriated by the 58th General Assembly for the State Psychopathic Hospital, as follows:

April 14-15, 1960 - State University of Iowa

From Salaries, Support, Maintenance and for the Care, Treatment and Maintenance of Committed and Voluntary Public Patients in the State Psychopathic Hospital, to Repairs, Replacements, and Alterations, State Psychopathic Hospital \$39,950

to be used for the following purposes:

Alterations to Hall, Third Floor Laboratory Area	\$ 1,000	
Alterations in Clinical Laboratory	8,500	
Alterations of North End of Central Wing	18,500	
Relocation of Autoclave, Sterilizing and Storage Room	2,750	
Alteration of Basement Room and Sub-basement Room	1,500	
Plaster Repair and Painting	<u>7,700</u>	\$39,950

CHILDREN'S HOSPITAL - ROOF REPLACEMENT. Upon the recommendation of the Building and Business Committee, the plans and specifications prepared by the Division of Planning and Construction of the Physical Plant Department of the State University for Re-roofing the Children's Hospital and the proposed project were approved; the Division of Planning and Construction was designated as architect for the project; and authority was granted to allocate \$35,000 for the project from the appropriation made by the 58th General Assembly for Repairs, Replacements and Alterations - University Hospital.

DEPARTMENT OF DEFENSE - SECURITY CLEARANCE. The following resolution was submitted:

WHEREAS the Regional Industrial Security Office of the Fifth Army has requested the State University of Iowa to comply with paragraph 16.d. (1) of the Industrial Security Manual for Safeguarding Classified Information, and

WHEREAS paragraph 16.d. (1) of the Industrial Security Manual for Safeguarding Classified Information provides the following for Colleges, Universities, and Nonprofit organizations:

"Those officers who are specifically and properly designated by action of its official executive body in accordance with the institution's requirements as the managerial group having the authority and responsibility for the negotiation, execution, and administration of Department of Defense contracts. The institution shall furnish the cognizant security office a copy of such designation of authority, from which the particular officers who are to be processed in conjunction with a facility security clearance

April 14-15, 1960 - State University of Iowa

can be definitely determined. If this requirement is not met, all officers shall be cleared," and

WHEREAS the Regional Industrial Security Office of the Fifth Army has requested the naming of President Virgil M. Hancher, Provost Harvey H. Davis and Vice-President Elwin T. Jolliffe as the managerial group.

THEREFORE BE IT RESOLVED that the State Board of Regents hereby name President Virgil M. Hancher, Provost Harvey H. Davis and Vice-President Elwin T. Jolliffe as the managerial group having the authority and responsibility for the negotiation, execution, and administration of Department of Defense contracts, and that copy of this resolution, certified by the Secretary of the State Board of Regents, be furnished the Regional Industrial Security Office of the Fifth Army, 1819 West Pershing Road, Chicago 9, Illinois.

Mr. Barlow moved that the foregoing resolution be adopted. The motion was seconded and on roll call the vote was as follows:

Aye: Mr. Barlow, Mr. Crabbe, Mr. Drebenstedt, Mr. Gillette, Mr. Noehren, Mrs. Rosenfield, Mrs. Valentine, and Mr. Hagemann.

Nay: None.

Absent: Mrs. Evans.

The chairman declared the motion passed and the resolution adopted.

HILLCREST DINING SERVICE AND ADDITIONAL FACILITIES - EQUIPMENT PURCHASES -

SUMMARY. Mr. Barlow stated that Vice President Jolliffe had submitted to the Building and Business Committee a report about the equipment purchases for Hillcrest Dining Service and Additional Facilities; and copies of the report were distributed.

ASPHALTIC CONCRETE SURFACING AND REPAIR - AGREEMENT WITH IOWA STATE HIGHWAY

COMMISSION. Upon the recommendation of the Building and Business Committee a project for Asphaltic Concrete Surfacing and Repair and the following project budget was approved; authority was granted to advertise for bids; and the Finance Committee was authorized to negotiate and approve a special agreement with the Iowa State Highway Commission for institutional road repairs:

April 14-15, 1960 - State University of Iowa

Funds available from Campus Parking Lot Operations and University funds for Repairs, Replacements and Alterations \$10,845

Estimated expenditures

Doctors Parking - Area 12, 385 sq. yds. asphaltic concrete	\$1,550	
Law Lot - Area 4, 4,493 sq. yds. prime and seal	1,125	
Fine Arts Lot, 3000 sq. yds. prime and seal	750	
Armory and Field House - Area 20, 2,334 sq. yds. prime and seal	585	
Dey and Currier Lot, 290 sq. yds. asphaltic concrete	580	
and 1,634 sq. yds. prime and seal	410	
Visitors Parking - West General Hospital, 1,567 sq. yds. asphaltic concrete	2,745	
Veterans Hospital Psycho. Lot, 1,760 sq. yds. asphaltic concrete	3,100	<u>\$10,845</u>

Funds available from Athletic Department Funds \$23,000

Estimated expenditures

Access roads and parking areas adjacent to University Golf Course - 11,000 sq. yds. asphaltic concrete	\$20,000	
Service Drive, Field House to Stadium - 1,734 sq. yds. asphaltic concrete	3,000	<u>\$23,000</u>

Highway Commission - Special Agreement

Various housing area roads - 14,324 sq. yds. prime and seal \$ 3,000

Grand total \$37,445

BLANCHE B. LINDWALL ESTATE - SETTLEMENT OF CLAIMS. Upon the recommendation of the Building and Business Committee and with the approval of the Attorney General of Iowa, authority was granted to enter into a settlement with Gustaf A. Lindwall covering all rights, claims and demands he has against the Estate of Blanche B. Lindwall, deceased, including but not limited to the claims heretofore filed by him against such estate and his right to renounce the Last Will and Testament of Blanche B. Lindwall, deceased, in consideration of the following:

1. The conveyance and delivery to him of title to and possession of each and all of the chattels identified in the Bill of Appraisement filed with the Probate Court of Cook County, Illinois, on November 24, 1959, by the Executor of the Last Will and Testament of Blanche B. Lindwall, deceased, in the proceedings pending in such Court entitled, "In the Matter of the Estate of Blanche B. Lindwall, Deceased," File 59 P 8293, Docket 608, page 381.

April 14-15, 1960 - State University of Iowa

2. The conveyance to him of a good and merchantable title in fee simple to the real estate known as 314 North Waller Avenue, Chicago 44, Illinois, a legal description of which real estate is set forth in the Inventory filed in the aforesaid proceedings on November 24, 1959, subject only to: (a) general taxes for the year 1959 and subsequent years with respect to which taxes no proration shall be made at the closing; and (b) customary stock objections contained in the A.T.A. form of owner's policy issued by Chicago Title and Trust Company, an Illinois Corporation.
3. The furnishing to Mr. Lindwall by the Executor aforesaid at such Executor's cost and expense, of an owner's guarantee policy of said Chicago Title and Trust Company in the amount of \$15,000.00 showing such title in him and guaranteeing his title in and to such real estate subject only to the matters set forth above in paragraph 3 hereof.
4. The payment of the sum of \$15,000.00 by Gustaf A. Lindwall to the Executor of said Last Will and Testament of Blanche B. Lindwall, deceased, which payment shall be made on the date of the delivery to Mr. Lindwall of said owner's guarantee policy.

CITY OF IOWA CITY, IOWA - ANNEXATION OF OLD FINKBINE FIELD - COURT DECREE. Upon the recommendation of the Building and Business Committee, Arthur O. Leff, of the College of Law of the State University of Iowa, was authorized to sign the approval of the Court Decree annexing by the City of Iowa City, Iowa, of Old Finkbine Field.

EDUCATIONAL DATA PROCESSING CENTER - CONFERENCE. Secretary Dancer reported that on March 15, 1960, a conference was held in the office of Langdon & Herrick, Attorneys, Des Moines, Iowa, regarding a legal opinion on the authority of the State Board of Regents to finance and construct the Educational Data Processing Center, with representatives of the Board's Office, the State University of Iowa, the Attorney General of Iowa, the Central Life Assurance Company, and Langdon & Herrick being present at the conference; and he stated that a further report would be submitted later.

April 14-15, 1960 - State University of Iowa

IOWA STATE HIGHWAY COMMISSION - PRIMARY ROAD NO. U.S. 218 (RIVERSIDE DRIVE) - RESOLUTION FOR RIGHT-OF-ENTRY. The Building and Business Committee submitted a resolution for right-of-entry in connection with the construction of Primary Road No. U.S. 218.

Mr. Barlow moved that the resolution be adopted, subject to approval by the Attorney General of Iowa, and the motion was seconded. On roll call the vote was as follows:

Aye: Mr. Barlow, Mr. Crabbe, Mr. Drebenstedt, Mr. Gillette, Mr. Noehren, Mrs. Rosenfield, Mrs. Valentine, and Mr. Hagemann.

Nay: None.

Absent: Mrs. Evans.

The chairman declared the motion passed and the resolution adopted, subject to approval by the Attorney General.

FARM LEASES. Mr. Barlow moved that the Hawkeye area farm (Kessler Farm), 240 acres, and the General Endowment farm (McGinnis Farm), 287 acres, be leased to Eugene F. and Valerian Roe for the period March 1, 1960, to March 1, 1961, at rentals as follows:

Hawkeye Area Farm (Kessler Farm)

\$968 cash, payable \$484 on November 1, 1960, and \$484.00 on February 1, 1961

1/2 corn crop

2/5 oat crop

April 14-15, 1960 - State University of Iowa

General Endowment Farm (McGinnis Farm)

\$1,444 cash, payable \$797 on November 1, 1960, and \$647 on February 1, 1961;

1/2 corn crop

1/2 bean crop

2/5 oat crop

and that the Secretary of the State Board of Regents be authorized to sign the leases. The motion was seconded and on roll call the vote was as follows:

Aye: Mr. Barlow, Mr. Crabbe, Mr. Drebenstedt, Mr. Gillette, Mr. Noehren, Mrs. Rosenfield, Mrs. Valentine, and Mr. Hagemann.

Nay: None.

Absent: Mrs. Evans.

The chairman declared the motion passed.

April 14-15, 1960

IOWA STATE TEACHERS COLLEGE

The following business relating to the Iowa State Teachers College was transacted on April 15, 1960:

REGISTER OF PERSONNEL CHANGES. Upon the recommendation of the Educational Policy Committee the actions reported in the register of personnel changes at the Iowa State Teachers College for the month of March, 1960, were approved and ratified.

RETIREMENT. Mr. Gillette stated that President Maucker had reported to the Educational Policy Committee the retirement of the following:

L. L. Mendenhall, professor of Physical Education for Men and head of the Department of Physical Education for Men, effective August 5, 1960. Mr. Mendenhall has been on the staff since 1921.

Dr. Elisabeth Sutherland Howes, professor and head of the Department of Home Economics, effective June 8, 1960. Dr. Howes has served as department head since she joined the staff in 1940.

PROMOTIONS IN RANK. Upon the recommendation of the Educational Policy Committee and President Maucker the following promotions in rank were made, effective September 12, 1960:

From instructor to assistant professor:

Arthur Carpenter - Education and Psychology
Eileen Noonan - Library Science
Joyce Gault - Music Education

From assistant professor to associate professor:

Ralph Haskell - Art
Albert Uecker - Education and Psychology
Thomas Thompson - Languages, Speech and Literature
Richard Crumley - Mathematics
Jane Birkhead - Music Education
John W. Mitchell - Music Education
Verlin Lee - Science

April 14-15, 1960 - Iowa State Teachers College

From associate professor to professor:

Leonard Keefe - Business Education
Wray Silvey - Education and Psychology
Louise Forest - Languages, Speech and Literature.

BUDGET FOR 1960-1961. President Maucker stated that copies of the proposed budget for 1960-1961, and a statement outlining the salient features of the budget, had been mailed to Board members prior to the meeting. (See page 322, Board minutes of March 10-11, 1960.)

On motion, which was seconded and passed, the 1960-1961 budget of the Iowa State Teachers College was adopted and the Finance Committee was authorized to approve minor changes and adjustments. (See Volume 24, Budgets.)

STUDENT TEACHING CENTERS - CLOSING. President Maucker reported that the student teaching centers at Independence and Charles City would be closed during the year 1960-1961.

CURRICULUM CHANGES. Upon the recommendation of the Educational Policy Committee the proposed changes in curriculum and course offerings at the Iowa State Teachers College were referred to the Educational Coordination Committee with the understanding that a written report and recommendations are to be submitted.

HEATING PLANT IMPROVEMENTS - ALTERATIONS TO POWER PLANT, DIVISION III (STAGE III, BUILDING ALTERATIONS AND REMOVAL OF EXISTING EQUIPMENT) - CONTRACT. The Building and Business Committee reported that on March 29, 1960, a public hearing was held, at which no objectors appeared and no objections were filed, and bids were received and opened for Division III, Alterations to Power Plant, Heating Plant Improvements. (See Finance Committee minutes of March 29, 1960.)

Upon the recommendation of the Building and Business Committee the contract

April 14-15, 1960 - Iowa State Teachers College

for Division III, Alterations to Power Plant, Heating Plant Improvements, was awarded to the low bidder, Jens Olesen and Sons Construction Company, Waterloo, Iowa, on the basis of that firm's base bid of \$148,000.00, less Alternate #1, \$800 - net contract price \$147,200, subject to the approval and allocation of funds by the Budget and Financial Control Committee, and the Secretary of the State Board of Regents was authorized to sign the contract when a satisfactory bond has been filed.

AUDITORIUM, FIRE ESCAPE AND REMODEL STAGE (SPECIAL RR&A) - PRELIMINARY PLANS. Upon the recommendation of the Building and Business Committee the preliminary plans for the project, Auditorium - Fire Escape and Remodel Stage, prepared by Grow and DeVoe, Architects, were approved and the Architect was authorized to proceed with the preparation of final plans and specifications.

GREENHOUSE, ADDITION FOR EQUIPMENT STORAGE (SPECIAL RR&A) - PRELIMINARY PLANS. Upon the recommendation of the Building and Business Committee the preliminary plans for the project, Greenhouse - Addition for Equipment Storage, prepared by Grow and DeVoe, Architects, were approved and the Architect was authorized to proceed with the preparation of final plans and specifications.

DORMITORY FINANCING - IOWA STATE TEACHERS COLLEGE DORMITORY LOAN AGREEMENT - DORMITORY FOR MEN. The Iowa State Teachers College Dormitory Loan Agreement covering a loan of \$1,200,000 from the Bankers Life Company, the Iowa-Des Moines National Bank, the Central National Bank and Trust Company, and the Merchants National Bank for a new Dormitory for Men at the Iowa State Teachers College, was submitted; and the following resolution regarding the Iowa State Teachers College Dormitory Loan Agreement was presented: (See pages 326-328, Board minutes of March 10-11, 1960.)

April 14-15, 1960 - Iowa State Teachers College

RESOLVED, that the Iowa State Teachers College Dormitory Loan Agreement between Iowa-Des Moines National Bank and Central National Bank & Trust Company, both of Des Moines, Iowa, Merchants National Bank, of Cedar Rapids, Iowa, and Bankers Life Company, of Des Moines, Iowa, and the State Board of Regents be approved and adopted; and

BE IT FURTHER RESOLVED, that the President and the Secretary of the State Board of Regents be and they are hereby authorized, empowered and directed to execute said Iowa State Teachers College Dormitory Loan Agreement and deliver the same in any number of duly executed counterparts as the valid obligation of this Board; and that the promissory notes and any and all other instruments or actions necessary or proper to evidence and carry out the terms of said Iowa State Teachers College Dormitory Loan Agreement may be executed and taken by any one of the following:

Carl Gernetzky, Chairman, Finance Committee, State Board of Regents;
David A. Dancer, Secretary, State Board of Regents;

and any action taken or document executed as herein provided shall be the valid obligation of this Board; and

BE IT FURTHER RESOLVED, that the Secretary and any other member of this Board be authorized to certify copies of this Resolution to whom it may concern.

It was moved and seconded that the foregoing resolution be adopted, and on roll call the vote was as follows:

Aye: Mr. Barlow, Mr. Crabbe, Mr. Drebenstedt, Mr. Gillette, Mr. Noehren, Mrs. Rosenfield, Mrs. Valentine, and Mr. Hagemann.

Nay: None.

Absent: Mrs. Evans.

The chairman declared the resolution adopted.

April 14-15, 1960

IOWA STATE UNIVERSITY

The following business relating to the Iowa State University was transacted on April 15, 1960:

REGISTER OF PERSONNEL CHANGES. Upon the recommendation of the Educational Policy Committee the actions reported in the register of personnel changes at the Iowa State University for the month of March, 1960, were approved and ratified.

LEAVES OF ABSENCE. Upon the recommendation of the Educational Policy Committee and President Hilton the following leaves of absence were granted:

Earl Heady, professor in the Department of Agricultural Economics and Rural Sociology, College of Agriculture, and director of the Agricultural and Economic Adjustment Center, Agriculture and Home Economics Experiment Station, for the period October 1, 1960, to May 31, 1961, without salary. Dr. Heady has been invited to spend the academic year in the Center for Advance Study in the Behavioral Sciences at Stanford University.

W. H. Stacy, associate professor, Agricultural Economics and Rural Sociology, Cooperative Extension Service in Agriculture and Home Economics, an extension of his present leave for the period September 1, 1960, to May 31, 1961, without salary. Dr. Stacy is now serving on a foreign service appointment in Korea with the Near East Foundation.

APPOINTMENTS. Upon the recommendation of the Educational Policy Committee and President Hilton the following appointments were made:

L. Evans Roth, associate professor in the Department of Biochemistry and Biophysics, College of Sciences and Humanities, at a salary of \$9,500 a year, twelve months' basis, plus annuity, effective August 20, 1960.

Robert M. Tomlinson, associate professor in Engineering Extension Service, at a salary of \$8,000 a year, twelve months' basis, plus annuity, effective July 1, 1960.

Ralph Dannettell, Jr., associate professor in the Department of Naval Science and Tactics, College of Sciences and Humanities, and Commander United States Navy, effective as of March 24, 1960, with salary paid by the United States Navy.

April 14-15, 1960 - Iowa State University

John Boyd Page, dean of the Graduate College, and professor of Soil Science, at a salary of \$16,500 a year, twelve months' basis, plus annuity, effective July 15, 1960, or shortly thereafter. (Dr. Page met with Board members.)

DEATHS. Mr. Gillette stated that President Hilton had reported to the Educational Policy Committee the following deaths:

R. R. Rothacker, professor in the Department of Landscape Architecture, College of Agriculture, and landscape architect, Physical Plant Department, on March 20, 1960, at the age of 65. Professor Rothacker had been a member of the staff since 1921.

B. J. Firkins, professor in the Department of Agronomy (Soils and Climatology), College of Agriculture, on March 19, 1960, at the age of 64. Professor Firkins had been a member of the staff since 1919.

Stanley Y. Jordan, physician, Iowa State University hospital, March 26, 1960, at the age of 35.

LIBRARY ADDITION AND EQUIPMENT - CONTRACTS. The Building and Business Committee reported that on March 16, 1960, a public hearing was held at which no objections were filed and no objectors appeared, and bids were received and opened for the construction of a Library Addition at the Iowa State University. (See Finance Committee minutes of March 16, 1960.)

The Building and Business Committee reported further that a tabulation and analysis of the bids received for the construction of the Library Addition was distributed to Board members on March 21, 1960, and that as a result of a poll by letter on that date by the Secretary of the State Board of Regents the contracts had been awarded to the low bidders, as follows, subject to approval and allocation of funds by the Budget and Financial Control Committee:

General construction contract to the Howard Thomas Construction Company, St. Joseph, Missouri, on the basis of that firm's low bid, as follows:

Base bid	\$ 537,899.00	
Alternate #1, add	<u>6,073.00</u>	
Contract price		\$ 543,972.00

April 14-15, 1960 - Iowa State University

Mechanical Construction contract to the Conditioned Air Corporation, Des Moines, Iowa, on the basis of that firm's low bid, as follows:

Base bid	\$171,333.00	
Alternate #2, for extending air conditioning to existing building, add	<u>73,274.00</u>	
Contract price		\$244,607.00

Electric Wiring contract to the Keating Company, Des Moines, Iowa, on the basis of that firm's low bid, as follows:

Base bid	\$101,359.00	
Alternate #8, for air conditioning in existing building, add	<u>1,394.43</u>	
Contract price		\$102,753.43

Upon the recommendation of the Building and Business Committee the action taken by poll awarding the contracts for the construction of the Library Addition to the low bidders was approved and ratified, except for the selection of chiller units which is to be made later, based on a report and recommendation of the Building and Business Committee; and the Secretary of the State Board of Regents was authorized to sign the contract when a satisfactory surety bond has been filed.

LIBRARY ADDITION AND EQUIPMENT - MECHANICAL CONSTRUCTION CONTRACT - CHILLER UNITS - HEARING. The Building and Business Committee reported that in connection with the awarding of the contract for the Mechanical Construction for the Library Addition, Brooks-Borg, Des Moines, Iowa, Architects, B. H. Platt, Vice President for Business and Finance, and Ben W. Schaefer, Superintendent of the Physical Plant Department, both of the Iowa State University, had recommended selection and installation of Arkla-Servel multiple unit type of chilling units to be supplied the contractor by D. C. Murphy Company, Inc., Des Moines, Iowa; and that H. E. Hand, Branch Manager, Carrier Corporation, Des Moines, Iowa, had requested a hearing in regard to the selection of chilling units to be supplied the contractor by his firm.

April 14-15, 1960 - Iowa State University

Mr. H. E. Hand, Branch Manager of the Machinery & Systems Division of the Carrier Corporation, Des Moines, Iowa, and Daniel C. Murphy, of D. C. Murphy, Inc., Des Moines, Iowa, Manufacturers Representative of Arkla Air Conditioning Corporation, a subsidiary of the Arkansas Louisiana Gas Company, appeared before the Board and submitted statements in regard to the chilling units manufactured by the firms they represented.

Vice President Platt submitted the following statement in regard to the selection of Arkla-Servel chilling units, and Elmer Borg, of Brooks-Borg, Architects, concurred in the recommendation:

1. Factory assembled and tested and thus less likely to develop air leaks which reduce the efficiency and cause corrosion troubles inside the units.

2. No pumps required for circulation of absorbent and refrigerant, thus less maintenance cost and less power cost. Savings in operating cost over life of the equipment \$12,000 to \$15,000.

3. We believe operation of the multiple units will require less attention, less frequent checks by maintenance mechanics. We do not have "house mechanics" on duty to watch the operation of this equipment, as is common in office buildings or hotel installations.

4. Multiple units will give more flexibility of operation. One or two units could be down for repairs without seriously reducing capacity for cooling except in extreme weather. One single unit down for repair would curtail capacity 50%.

5. We have two of these units in operation in our Electrical Engineering Addition. Service has been satisfactory. The State University of Iowa has similar units in its Memorial Union, reported to be satisfactory. For these reasons it is our recommendation that the Arkla-Servel chilling units be approved.

Mr. Noehren moved that the architect's recommendation be accepted. The motion was seconded by Mr. Drebenstedt, and on roll call the vote was as follows:

Aye: Mr. Drebenstedt, Mr. Crabbe, Mr. Noehren, and Mr. Hagemann.

Nay: Mrs. Rosenfield and Mrs. Valentine.

Pass: Mr. Barlow and Mr. Gillette.

President Hagemann stated there was not a majority vote in favor of the motion.

April 14-15, 1960 - Iowa State University

Mr. Drebenstedt moved that the vote be reconsidered, and the motion was seconded by Mr. Noehren and passed.

It was moved, seconded and passed that the selection of chilling units for the Mechanical Construction contract for the Library Addition, as well as for other projects for which contracts are awarded at this meeting, be referred back to the Building and Business Committee for report and recommendation.

LIBRARY ADDITION AND EQUIPMENT - REVISED PROJECT BUDGET. Upon the recommendation of the Building and Business Committee the following revised project budget for the Library Addition was adopted: (See page 414, Board minutes of May 7-8, 1959.)

Funds available

Appropriation, 58th G.A. \$1,312,500

Estimated expenditures

Construction contracts	\$891,332.43	
Architects, engineers and supervision	75,000.00	
Physical Plant expense		
Transformers and electrical service	\$13,500	
Electric lamps	<u>2,500</u>	16,000.00
Building equipment (estimated)		
Stacks and shelving	40,000	
Furniture and equipment	<u>135,000</u>	175,000.00
Landscaping and walks		5,000.00
Builders Risk Insurance		3,500.00
Reserve for remodeling in present building and/or transfers to other projects		110,000.00
Contingencies and miscellaneous	<u>36,667.57</u>	
Total estimated expenditures		\$1,312,500

METALS DEVELOPMENT BUILDING - ROLLING MILL. The Building and Business Committee reported that on March 16, 1960, bids were received and opened for furnishing a Combination Rolling Mill for the Metals Development Building. (See Finance Committee minutes of March 16, 1960.)

Copies of the tabulation of bids for the Combination Rolling Mill, and an analysis thereof, were distributed.

April 14-15, 1960 - Iowa State University

Upon the recommendation of the Building and Business Committee the contract for the Combination Rolling Mill for the Metals Development Building was awarded to the low bidder, the Stanat Manufacturing Company, Inc., Westbury, New York, subject to approval by the Atomic Energy Commission; and the Secretary of the State Board of Regents was authorized to sign the contract when a satisfactory surety bond has been filed.

SERVICE BUILDING ADDITION WITHOUT EQUIPMENT - CONTRACTS. The Building and Business Committee reported that on April 12, 1960, at 1:30 p.m., a public hearing was held in the Office of the Vice President for Business and Finance, Iowa State University, Ames, Iowa, regarding the construction of the Service Building Addition; that Secretary Dancer, of the State Board of Regents, and Vice President Platt and Superintendent Schaefer, of the Iowa State University, were present; that no objections were filed and no objectors appeared; and that at 2 p.m., in Room 15, Beardshear Hall, bids were received and opened for the Service Building Addition, with the following present: David A. Dancer, Secretary of the State Board of Regents; B. H. Platt, Ben Schaefer, Leonard Wolf and Robert Porter, of the Iowa State University; Russell & Lynch, Architects, and Dan Stevenson, Mechanical Engineer, for the Service Building Addition; and Elmer Borg, of Brooks-Borg, Architects for the Armory project.

Copies of the tabulation and analysis of the bids for the Service Building Addition were distributed.

Upon the recommendation of the Building and Business Committee the contracts for the construction of the Service Building without Equipment were awarded to the low bidders, as follows, subject to approval and allocation of funds by the Budget and Financial Control Committee, and the Secretary of the State Board of Regents was authorized to sign the contracts when satisfactory bonds have been filed:

April 14-15, 1960 - Iowa State University

General construction contract to Carlson-Rockey, Inc.,
Des Moines, Iowa, on the basis of that firm's low
bid, as follows:

Base bid	\$131,900	
Alt. #1, for Vinyl-asbestos tile, add	<u>2,000</u>	
Contract price		\$133,900

Electrical contract to the Keating Company, Des Moines,
Iowa, on the basis of that firm's low base bid 15,700

Upon the recommendation of the Building and Business Committee, the awarding of the contract for the Mechanical Construction was deferred pending a further report and recommendation regarding the cooling units to be selected.

SERVICE BUILDING ADDITION WITHOUT EQUIPMENT - REVISED PROJECT BUDGET. Upon the recommendation of the Building and Business Committee the following revised project budget was adopted for the Service Building Addition without Equipment:
(See page 88, Board minutes of September 11, 1959.)

Funds available

Appropriation, 58th G.A. \$300,000

Estimated expenditures

Construction contracts	\$252,967	
Architects, engineers and supervision	19,000	
Physical Plant Department expense (estimated)		
Utility services, transformers, etc.	\$11,550	
Landscaping and walks	<u>1,500</u>	13,050
Builders Risk Insurance		1,000
Reserve for remodeling in existing building after removal of Visual Instruction Service		11,483
Contingencies and miscellaneous costs	<u>5,000</u>	
	\$302,500	
Less estimated tax refunds	<u>2,500</u>	
Total estimated cost		\$300,000

ARMORY - HEATING, VENTILATING, PAINTING, ETC. (SPECIAL RR&A) - CONTRACTS. The Building and Business Committee reported that on April 12, 1960, at 1:30 p.m., a public hearing was held in the Office of the Vice President for Business and Finance, Iowa State University, Ames, Iowa, regarding the Armory - Heating, Ventilating, Painting, etc.; that Secretary Dancer, of the State Board of

April 14-15, 1960 - Iowa State University

Regents, and Vice President Platt and Superintendent Schaefer, of the Iowa State University, were present; that no objections were filed and no objectors appeared; and that at 2 p.m. in Room 15, Beardshear Hall, bids were received and opened for the Armory - Heating and Ventilating, with the following present: David A. Dancer, Secretary of the State Board of Regents; B. H. Platt, Ben Schaefer, Leonard Wolf, and Robert Porter, of the Iowa State University; Russell & Lynch, Architects, and Dan Stevenson, Mechanical Engineer, for the Service Building Addition; and Elmer Borg, of Brooks-Borg, Architects for the Armory project.

Copies of the tabulation and analysis of the bids for the Armory - Heating, Ventilating, Painting, etc., were distributed.

Upon the recommendation of the Building and Business Committee the contract for the Armory Heating and Ventilating was awarded to the low bidder, Iowa Sheet Metal Contractors, Des Moines, Iowa, on the basis of that firm's base bid of \$96,230.00, subject to approval by the Budget and Financial Control Committee, and the Secretary of the State Board of Regents was authorized to sign the contract when a satisfactory bond has been filed.

ARMORY - HEATING, VENTILATING, PAINTING, ETC. (SPECIAL RR&A) - REVISED PROJECT BUDGET. Upon the recommendation of the Building and Business Committee the following revised project budget was adopted for the Armory - Heating, Ventilating, Painting, etc. (Special RR&A): (See page 87, Board minutes of September 11, 1959.)

Funds available, Appropriation, 58th G.A. \$118,000

<u>Estimated expenditures</u>	
Heating and ventilating contract	\$96,230
Roof repairs, estimated	9,000
Architects, engineers, and supervision	5,000

April 14-15, 1960 - Iowa State University

Physical Plant Department expense, estimated			
Electric wiring	\$1,000		
Painting	6,000	\$	7,000
Contingencies and miscellaneous			<u>1,770</u>
			\$119,000
Less estimated tax refunds			<u>1,000</u>
Total estimated cost			\$118,000

CITY OF AMES - SEWAGE DISPOSAL PLANT. Upon the recommendation of the Building and Business Committee a project for a plant addition to the Sewage Disposal Plant consisting of a gas engine generator set, estimated to cost a total of \$25,200, was approved with the understanding that the Iowa State University's share of the cost in accordance with a contract with the City of Ames, Iowa, would be approximately \$11,000 and would be paid from funds appropriated for Repairs, Replacements and Alterations.

POWER PLANT - TURBO-GENERATOR, INCLUDING AUXILIARY EQUIPMENT - ELECTRIC WIRING.

Upon the recommendation of the Building and Business Committee, the Physical Plant Department of the Iowa State University was authorized to proceed with the electric wiring related to the Turbo-Generator, including Auxiliary Equipment, as follows, subject to the approval and allocation of funds by the Budget and Financial Control Committee: (See page 334, Board minutes of March 10-11, 1960.)

1. Purchase on the basis of quotations switchgear parts for connection of turbine-generator	\$12,500
2. Electrical Wiring to connect turbine-generator to switchboard	9,130
3. Electrical wiring to connect condenser pumps	5,950
4. Electrical wiring to connect pump and fan motors of cooling tower addition	<u>1,750</u>
Total	<u>\$29,330</u>

Items 2, 3 and 4 to be done on separate job orders by the Physical Plant Department.

April 14-15, 1960 - Iowa State University

NEW WELL, PUMP, PUMP HOUSE, PIPING (WELL NO. 9) - ACCEPTANCE. The Building and Business Committee reported that final inspection of the New Well, Pump, Pump House and Piping (Well No. 9) had been made by Ben W. Schaefer, Superintendent of the Physical Plant Department of Iowa State University; and that he had reported the work had been completed in accordance with the plans and specifications and contract documents.

Upon the recommendation of the Building and Business Committee the New Well, Pump, Pump House, and Piping (Well No. 9) was accepted as of this date, April 15, 1960, from the contractor, the Layne-Western Company, and payment of the final estimate in accordance with the provisions of Chapter 573, 1958 Code of Iowa, was authorized.

PARKING LOT IMPROVEMENTS (SPECIAL RR&A). The Building and Business Committee submitted the following project description and preliminary project budget for Parking Lot Improvements: (See page 297, Board minutes of March 12-13, 1959; page 499, Board minutes of June 18-19, 1959; and page 34, Board minutes of August 26, 1959.)

Description The sum of \$25,000 was appropriated by the 58th General Assembly for parking lot improvements. A portion of the appropriation was expended in the summer of 1959 for surfacing the Central parking area, and the balance of the appropriation \$9,884 was reserved for 1960 work. Supplemental funds are available from Parking Permit Fees.

It is proposed to surface the parking area in the vicinity of the Agronomy Building, Press Building, and Greenhouse area. The surfacing will consist of full penetration macadam laid on sand cushion. In addition the project will include construction of curbs and drainage facilities.

Preliminary Project Budget

Funds available

Balance in Appropriation, 58th G.A.	\$ 9,884	
Transfer from Parking Permit Fees	<u>4,616</u>	\$14,500

Estimated expenditures

Construction contracts for paving and curbs	\$12,500	
Physical Plant Department expense	<u>2,000</u>	\$14,500

April 14-15, 1960 - Iowa State University

Upon the recommendation of the Building and Business Committee the project and the preliminary project budget for Parking Lot Improvements was approved, subject to approval by the Budget and Financial Control Committee.

TUITION AND FEES - INCREASE. On motion by Mr. Gillette, which was seconded by Mrs. Rosenfield and passed, the following schedule of tuition and student fees was adopted, effective September, 1960: (Mrs. Evans absent)

	<u>Present</u>		<u>Proposed</u>	
	<u>Per Qtr.</u>	<u>Per Year</u>	<u>Per Qtr.</u>	<u>Per Year</u>
<u>Residents of Iowa</u>	\$ 77.00	\$231.00	\$ 84.00	\$252.00
Less Allocations:				
Student Health Service	3.50	10.50	*	*
Memorial Union Operating	4.50	13.50	4.50	13.50
Memorial Union Building	2.00	6.00	2.00	6.00
Athletics	3.50	10.50	3.50	10.50
Other**	<u>4.50</u>	<u>13.50</u>	<u>4.50</u>	<u>13.50</u>
Net to Operating Fund	\$ 59.00	\$177.00	\$ 69.50	\$208.50
<u>Non-Residents</u>	\$167.00	\$501.00	\$174.00	\$522.00
Less Allocations:				
(Same as above)	<u>\$ 18.00</u>	<u>\$ 54.00</u>	<u>\$ 14.50</u>	<u>\$ 43.50</u>
Net to Operating Fund	<u>\$149.00</u>	<u>\$447.00</u>	<u>\$159.50</u>	<u>\$478.50</u>
<u>Graduate Students on Appointment</u>	\$ 27.00	\$ 81.00	\$ 30.00	\$ 90.00
Less Allocations:				
Student Health Service	3.50	10.50	*	*
Memorial Union Operating	4.50	13.50	4.50	13.50
Memorial Union Building	<u>2.00</u>	<u>6.00</u>	<u>2.00</u>	<u>6.00</u>
Net to Operating Fund	\$ 17.00	\$ 51.00	\$ 23.50	\$ 70.50
<u>Graduate Students not on Appointment</u>				
Same as Residents of Iowa				

Miscellaneous Fees

Miscellaneous Fees will be increased in proportion to the above, approximately 10%. Figures in parentheses are the present fees.

<u>Summer Quarter</u>	<u>Registration Fee</u> <u>(Residents of Iowa)</u>		<u>Registration Fee & Tuition</u> <u>(Non-Residents)</u>	
12 weeks	(\$77)	\$84	(\$167)	\$174
6 weeks	(\$40)	\$44	(\$ 90)	\$ 94
3 weeks	(\$27)	\$30	(\$ 59)	\$ 62
2 weeks	(\$24)	\$26	(\$ 52)	\$ 54
1 week	(\$15)	\$17	(\$ 33)	\$ 35

April 14-15, 1960 - Iowa State University

Summer Camp

Forestry (6 weeks)	(\$40)	\$44	(\$ 90)	\$ 94
" (8 weeks)	(\$62)	\$68	(\$126)	\$132
Geology (8 weeks)	(\$62)	\$68	(\$126)	\$132
Civil Eng.(6 weeks)	(\$40)	\$44	(\$ 90)	\$ 94

Registration fee for students
with fee reduction

12 weeks	(\$27)	\$30	(\$27)	\$ 30
6 weeks	(\$16)	\$17	(\$16)	\$ 17

Light classification (\$9) \$10 per credit hour (\$20) \$ 21 per cr.hr.
minimum (\$27) \$30 minimum (\$60) \$ 63

Fees for Auditors (\$9) \$10 per credit hour

Off-Campus (\$9) \$10 per credit hour - minimum (\$27) \$30

Interim Classification (\$9) \$10 per credit hour

In Absentia Registration Fee (\$3) \$10 per credit hour

*Student Health Service to become a regular budget account supported from
General Operating Fund.

**Publications, Artist Series, Lecture Series, Debate, Drama, Bands, Orchestras,
Glee Clubs, Social Bureau, Class dues, College Councils and Reserve.

PROPOSED BUDGET FOR 1960-1961 - REVISED TOTAL FOR GENERAL OPERATION. President
Hilton submitted revised budget summaries for 1960-1961 incorporating the stu-
dent fee increase, transfers and adjustments and increasing the total for Iowa
State University General University Operation from \$10,965,121 to \$11,324,121,
an increase of \$359,000, not including Repairs, Replacements and Alterations.

Action on the revised budget summaries for 1960-1961 was deferred until
the next meeting of the Board.

CHEMISTRY LABORATORY RENOVATION (SPECIAL RR&A). Secretary Dancer reported that
the National Advisory Council on Health Research Facilities (Department of
Health, Education and Welfare) at its meeting on March 7-8, 1960, did not
recommend approval of application RC-682 for Chemistry Laboratory Renovation.

April 14-15, 1960 - Iowa State University

(See page 91, Board minutes of September 11, 1959.)

EXECUTIVE SESSION. The Board resolved itself into executive session at 3:35 p.m., April 15, 1960. The Board arose from executive session at 4:30 p.m., and resumed regular business.

ADJOURNMENT. President Hagemann adjourned the meeting at 4:30 p.m., April 15, 1960.


David A. Dancer, Secretary