

MINUTES OF BUDGET AND CONTROL BOARD MEETING

AUGUST 2, 1963

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The Budget and Control Board met in the Conference Room of the Governor's Office at 4:00 P. M., Friday, August 2, 1963, with all members present with the exception of Mr. Jeff B. Bates, State Treasurer. Also present were State Auditor J. M. Smith and Assistant State Auditor P. C. Smith.

The following business was transacted.

1. EDUCATIONAL TELEVISION COMMISSION - Status of Application for Federal Funds

Mr. Lynn Kalmbach, Director of the Educational Television Commission, together with Mr. Henry Cauthen, appeared before the Board and reported on the following matter relating to the Commission's application for Federal Funds.

Early in June of this year the Commission submitted an application to the Department of Health, Education and Welfare of the Federal Government for approximately \$347,000.00 of Federal Funds. These funds were to be used primarily for the activation of the two open circuit television stations recently donated to the Commission, in Charleston and Greenville.

The application was formally received by H.E.W. June 29, 1963. Under their regulation the application was to remain under consideration for a period of thirty days before action upon it could be taken. Mr. Kalmbach stated that on July 29, the last day of the thirty day period, the Department had been asked by the National Association for the Advancement of Colored People, through their counsel in Washington, to withhold action on the application until an investigation of the operation of the Educational Television Commission could be made to determine whether or not any racial discrimination was involved. A thirty day period in which to make such an investigation was requested and was allowed by H.E.W. On June 26 the Commission had received bids on approximately \$373,000.00 of television equipment to be installed in the two above mentioned

stations. Orders had been placed for this equipment with the understanding that they could be cancelled in the event of disapproval of the Federal aid application.

Mr. Kalmbach noted that approximately \$100,000.00 of the funds to be used for this equipment would be paid from the balance of the Commission's 1962-63 State appropriation. Since it now appears that no action will be taken on the Federal application until after August 31 he was concerned about the loss of these funds.

Mr. Kalmbach stated that he had contacted General Electric Company, with whom \$329,000.00 of equipment orders had been placed, with the proposal that the Commission make a payment of \$100,000.00 on these orders at this time with the understanding that this payment would be refunded in event the Federal application is disapproved and it becomes necessary to abandon plans for the two stations. This proposal had been agreed to by General Electric Company. The Budget and Control Board raised no objection to this transaction.

The Board received the above report as information. No action was considered necessary at this time.

2. CLEMSON COLLEGE - Approval of Addition to Chemistry Building
(Brackett Hall)

The Board gave further consideration to an application from Clemson College, previously passed over, for approval of the construction of an addition to Brackett Hall, the principal building in the Chemistry Department of the College. The proposed addition, according to the application, is made necessary by growth in the student body in recent years particularly in the Chemistry Department and the consequent crowded conditions that have developed in existing facilities.

It was estimated that the addition would cost \$950,000.00. The College proposed the issuance of State Institution Bonds in this amount to finance the project.

Information was submitted by College authorities to indicate that tuition revenue was sufficient to allow the issuance of bonds in this amount.

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coverage required by the State Institution Bond Act of 1953. It was also noted that the issuance of these additional bonds would not exceed the total limitation of \$25,000,000.00 of bonds that may be outstanding at any one time.

The Board approved unanimously the proposed project and gave preliminary approval to the issuance of the above bonds. It was understood that bonds would be issued about November 1, 1963 and that a formal resolution on these bonds would be acted upon by the Board at a later meeting.

3. CLEMSON COLLEGE - Additional Funds Approved for Sewage Treatment Plant

Clemson College authorities asked the Board's approval on the following proposal to provide additional funds needed for a proposed new sewage treatment plant.

The General Assembly, in 1962, authorized Clemson College to borrow from the Division of Sinking Funds and Property an amount not to exceed \$560,000.00 for construction of a new plant. This amount, together with \$240,000.00 of Federal Funds, would provide the total of \$800,000.00 needed for construction.

Bids on the project were received July 31. A total of nine bids were received, all of them being within a rather close range. The low bid, however, was considerably in excess of the original estimate of \$800,000.00 and it now appears that the project will cost a total of \$1,022,000.00.

On the basis of this revised cost figure, Federal aid in the amount of \$306,000.00 may be expected. This amount, together with the \$560,000.00 that may be borrowed, gives a total of \$866,000.00 available, or \$156,000.00 short of the \$1,022,000.00 now required.

College authorities requested that the Board approve the use of \$156,000.00 for this project out of funds received from the Federal Government for land taken over in the construction of Hartwell Dam. A statement of these funds indicated that the College now has \$254,157.61 now on deposit with the State Treasurer.

The Board approved the proposed plan for securing the \$156,000.00 needed for the Sewage Treatment Plant project.

It was understood that the need of a new treatment plant resulted from the condemnation of College lands in the construction of Hartwell Dam and that the College is attempting to secure reimbursement from the Federal Government for the full cost of the new plant.

4. FORESTRY COMMISSION - Pine Bettie Eradication Program

The Forestry Commission requested the Board to approve an allocation of \$7,319.00 for a proposed plan to combat spread of pine bettles. A detailed plan for the program was submitted to the Board.

The 1963-64 Appropriations Act contains an appropriation of \$100,000.00 as an emergency fund for pest control, to be expended upon approval of the Budget and Control Board. The allocation requested by the Commission was to be provided out of this appropriation.

The Board unanimously approved the request with the understanding that the Commission make application to the Federal Government for such aid as might be available for this purpose. Any aid received would be refunded to the appropriation account.

5. PROBATION, PAROLE AND PARDON BOARD - Request for Contingent Fund Allocation of \$5,100.00 for Additional Probation Officer - Spartanburg County (Passed Over)

The Board had before it for consideration a request from Mr. J. C. Todd, Director of the Probation, Parole and Pardon Board, for an allocation of approximately \$5,100.00 for salary and travel expense of an additional Probation Officer for their Spartanburg office.

The request indicated the particularly heavy volume of work in the Spartanburg office and the consequent need of an additional Probation Officer. Additional information available to the Budget and Control Board on this situation indicated further that Probation Officers in this instance were involved also in the investigation of delinquent non-support cases.

The Budget and Control Board was of the opinion that investigations of this type of cases were probably beyond the normal duties expected of Probation Officers. The request was accordingly passed over without action at this time.

No further business was considered and the meeting adjourned at 4:45

P. M.

AGENDA MATERIALS
AND SUPPORTING DOCUMENTS
FOR THE MEETING OF
AUGUST 2, 1963

JOHN WALL

MANAGER, BROADCAST EQUIPMENT SALES
GENERAL ELECTRIC COMPANY

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256-4961 CY FURN

SYRACUSE NY

IN VIEW OF RECENT DEVELOPMENTS DELAYING OUR NEW APPLICATION
REQUEST THAT GE ACCEPT ONE HUNDRED THOUSAND DOLLARS
DEPOSIT TO HOLD EQUIPMENT IN OUR SPECIFICATIONS 7B
FOR DELIVERY ON GRANT OF NEW APPLICATION. IN EVENT THE
GRANT IS NOT APPROVED, THE DEPOSIT WOULD BE RETURNED TO
THE STATE TREASURY

R. LYNN KAUFMAN

GENERAL MANAGER

SC EDUCATIONAL TEL

COMMISSION

2712 MILLWOOD AVE

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JUSTIFICATION FOR ADDITION TO BRACKETT HALL

The department of chemistry and geology is now housed in Brackett Hall (chemistry) and the old physics building now called the geology building. Brackett Hall, occupied in 1952, provides space for undergraduate and graduate instruction and for research. At the time of completion it was expected to serve Clemson's needs for 10 years. The 10 years have passed, but increases in graduate study and research not contemplated in 1952 have resulted in the building being inadequate in size for the past two years. As a result:

- (1) Geology has been moved to substandard quarters elsewhere on the campus.
- (2) Chemistry classes are being taught in the social science auditorium.
- (3) Research and graduate student laboratories are being used by more faculty and students than can work efficiently in the space available.

This building was constructed prior to the enactment by the general assembly of Act 139 which requires that all new buildings be completely furnished. As a result the department has been furnishing laboratories for 11 years on a piece-meal basis. Some laboratories in this building are still not adequately furnished and other laboratories need renovating as the furnishings were moved to Brackett Hall from an older building.

Geology is taught in a very old campus building which has housed over the years, in order: textiles, the local grammar school, physics, and now geology, music, and certain elements of the military.

All Clemson students except those enrolled in Architecture take chemistry as a required science. The chemistry department now teaches 11,616 semester hours of undergraduate work and 238 semester hours of graduate work per semester. There are not enough classrooms of the sizes needed for the chemistry classes in

Brackett Hall. During the last semester (Spring 1962-63) it was necessary to hold some classes in Hardin Hall and this building does not have facilities needed for demonstrations, etc. A number of the classrooms in Brackett Hall are in use by students as much as 38 hours per week, so much in use that it is extremely difficult to have normal maintenance work done. On a basis of 39 available classroom periods per room per week the present utilization of classrooms in Brackett Hall is 82%. Seventy percent utilization in academic buildings of this type is considered optimum. This condition exists with a student body of approximately 4,200. In addition to an existant overcrowded condition it is impossible to accomodate the anticipated growth of the student body in the next 10-to-12 year period, which is presently estimated to result in a student population of from 8,000 to 8,800 students. This utilization to maximum capacity is shown by the teacher-student ratio which now is 1 to 31 (the highest in the institution for the 1st semester 1962-63)

Brackett Hall was constructed in the main for undergraduate instruction. The growth of the graduate program has made more accute the need for additional research laboratory space. Indicative of this growth in graduate enrollment is the fact that during the five-year period (1954-1958) 11 MS degrees were awarded. During the next five years (1959-1963) 38 MS and 4 PHD's were graduated. These graduate students are working in laboratories in which 8 students are assigned to space which is adequate space-wise for only 4. In addition, quantities of flammable solvents are kept in laboratories, and this, coupled with the overcrowding, could result in tragedy.

The proposed new wing will contain 4 classrooms, 12 laboratories, 12 special purpose shops and rooms, and 18 office laboratories for faculty and advanced graduate students. Sections of the proposed floor plans are attached. The

granting of the request for the addition to the building will accomplish the following:

- (1) eliminate overcrowding in the chemistry classroom, and laboratories.
- (2) eliminate dangers arising from overcrowded, poorly ventilated laboratories with inadequate storage facilities for flammable materials.
- (3) Provide for the inevitable increase in both undergraduate and graduate enrollment during the next 10 to 12 years.

Clemson

Bldg. North



PROPOSED ADDITION TO BRACKETT
HALL - CHEMISTRY BUILDING
CLEMSON COLLEGE CLEMSON, S.C.

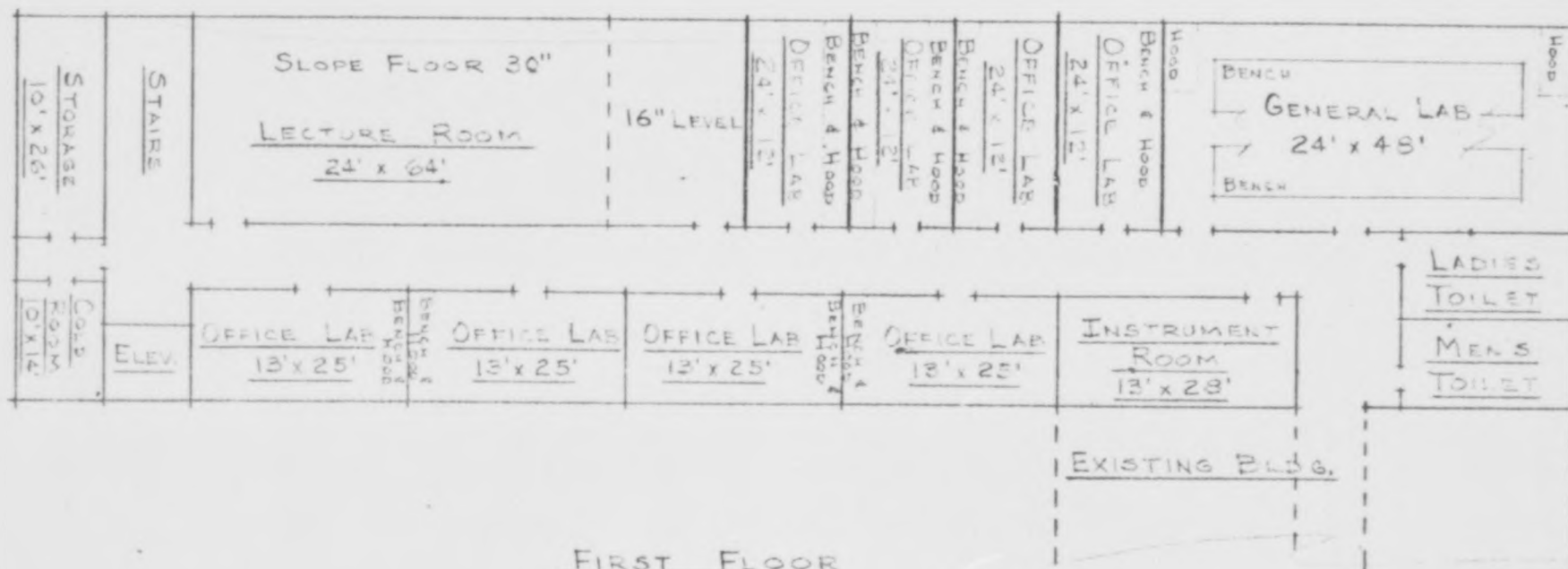
PHYSICAL PLANT

SHEET 1 OF 5

JULY 17, 1963

J.E.L.

BLDG. NORTH



FIRST FLOOR
SCALE 1" = 20'

PROPOSED ADDITION TO BRACKETT
HALL - CHEMISTRY BUILDING
CLEMSON COLLEGE CLEMSON, S.C.

PHYSICAL PLANT

SHEET 2 OF 5
JULY 17, 1963 J.E.L.

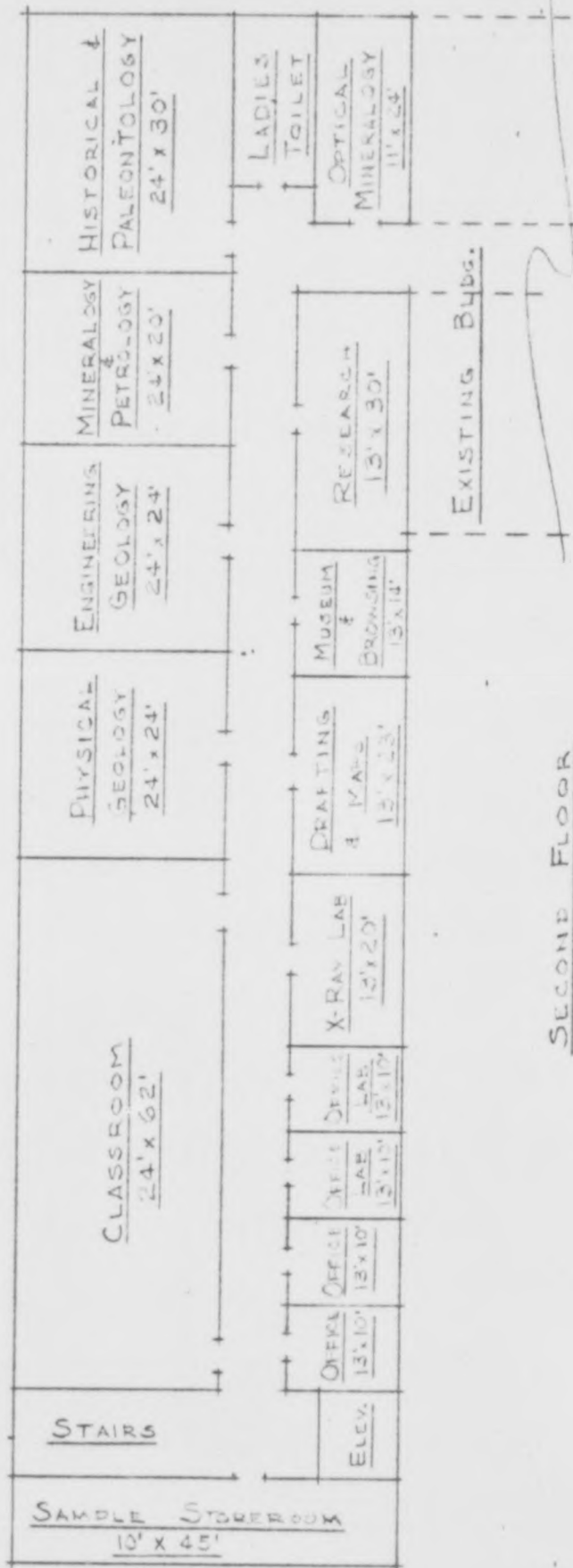
Clemson

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Clemson

GEOLOGY

Bldg. North



SECOND FLOOR

SCALE 1" = 20'

PROPOSED ADDITION TO BRACKETT HALL - CHEMISTRY BUILDING
CLEMSON COLLEGE CLEMSON, S.C.

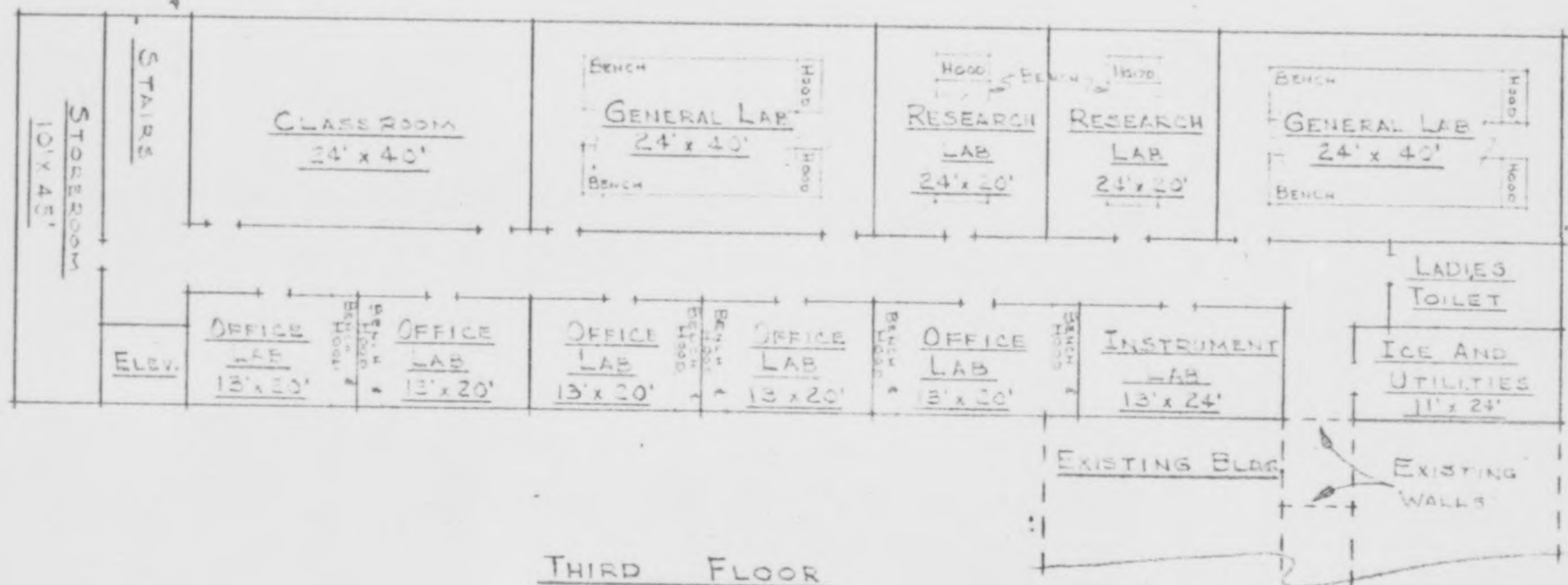
PHYSICAL PLANT

SHEET 3005
JULY 17, 1963

JEL.

Clemson

BLDG. NORTH



THIRD FLOOR
SCALE 1"=20'

PROPOSED ADDITION TO BRACKETT
HALL - CHEMISTRY BUILDING
CLEMSON COLLEGE CLEMSON, S. C.

PHYSICAL PLANT

SHEET 4 OF 5
JULY 17, 1963

J.E.L.

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012M 50N

Bldg. North



Roof
SCALE 1" = 20'

PROPOSED ADDITION TO BRACKETT
HALL - CHEMISTRY BUILDING
CLEMSON COLLEGE CLEMSON, S.C.

PHYSICAL PLANT

SHEET 5 OF 5

JULY 17, 1962

J.E.H.

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JUSTIFICATION FOR ADDITIONAL AND IMPROVED FACILITIES FOR MECHANICAL AND INDUSTRIAL ENGINEERING

The Departments of Mechanical Engineering, Electrical Engineering, and Engineering Graphics are all housed in Riggs Hall. The latter, which was constructed in 1927, contains 64,500 square feet and consists of classrooms, undergraduate instructional laboratories, and office space. Electrical and Mechanical Engineering account for 53 percent of the total enrollment in Engineering and the space provided by Riggs Hall is barely adequate to accommodate undergraduate instruction in these departments.

Graduate instruction and research in Engineering is growing. Since 1960, the number of graduate students in Engineering has increased from 22 to 54, an increase of over 100 percent. For the academic year 1963-64 the graduate enrollment is expected to exceed 75, of which approximately 25 will be in Electrical and Mechanical Engineering. These graduate students along with five faculty members from the same two departments will be engaged in research activities supporting the educational program.

The internal combustion engineering laboratory, which is essential to Mechanical Engineering and used extensively in Electrical Engineering, is housed in a temporary building known as Engineering Annex C. When originally built, it was contemplated that the building would eventually be modified into a permanent structure. It has a permanent foundation and wall ties in the concrete block lower walls to allow replacing the temporary walls and roofing by permanent type construction. We have provided outside underground tanks for

gasoline and diesel fuel, a centralized supply of fuel, central loading of all machines from an outside water box and a common exhaust manifold for all engines. This equipment is necessary for a permanent type structure and the need was anticipated at the time of installation.

Conversion of this building to a permanent structure will provide in addition to about 4,000 square feet for the internal combustion laboratory used in undergraduate instruction, approximately 9,000 square feet for graduate and faculty research laboratories. It is to be emphasized that this building is necessary to meet the needs of the teaching and research programs.

In planning the conversion to a permanent type building it is designed to provide for the addition of space necessary to satisfy demands of increased enrollments through the 1970-75 period.

The Industrial Engineering building contains woodworking machinery and smelting equipment which was designed for the technician's curriculum of the 1930's. The building itself was constructed to serve these purposes. Portions of the structure have dirt floors and the roof leaks beyond repair.

Since 1960 the industrial engineering curricula has been modernized, student enrollment has increased and the program will be reviewed by an accrediting agency in 1964. The roof by virtue of its age is beyond economical repair and must be replaced. A new facade, and a modest renovation of interior rooms, laboratories and offices is required to make them adaptable to current needs. These alterations will give the industrial engineering department the physical plant required for its modernized teaching curricula.

JUSTIFICATION FOR RELOCATION OF THE CENTRAL MOTOR VEHICLE FACILITY

Clemson College is very fortunate to have an efficient central motor service center. This is not only extremely useful for repair, maintenance and control of trucks and other motorized equipment, but also furnishes means of transportation to faculty and staff at only 6 1/2¢ per mile----- a savings of 2 1/2¢ per mile, compared to current rate of 9¢ per mile paid by the state for use of privately owned vehicles for official travel.

To date only a very small investment has been made in motor pool facilities. The washing, greasing, repairing, assignment and record keeping activities are performed in an old barn type building. This building, the carports, and the motor pool yard are on the site selected for the new library. Accordingly, the motor pool must be relocated. It is estimated that the cost of relocating the Motor Pool will be approximately \$50,000.

TABULATION OF BIDS RECEIVED ON
SEWAGE TREATMENT PLANT
11 A.M. July 31, 1963
Clemson, South Carolina

<u>General Contractor</u>	<u>Base Bid</u>
Boyle Construction Co., Sumter	\$ 934,470
Gillespie Construction Co, Anderson	936,939
Southern Gulf & Utilities, Miami, Fla.	940,000
South Atlantic Constr., Inc. Greenwood	948,433
Lee Const., Co., Charlotte, North Carolina	967,335
C. W. Gallant, Inc., Charlotte, North Carolina	975,605
Republic Construction Corp., Columbia	998,576
G. E. Moore Co., Greenwood	999,882
Terry Const. Co. Inc., Greenville	1,070,000

Land (100%)	1,020,000	934,470	1,070,000
	7	70	306,000
	715,000	654,129.00	56
	2,000	560	866,000
	716,000	92	156
	56		1,022,000
	156,000		
		Sub. -	

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Clemson, S.C.

(R266, H1434)

No. 326

An Act To Authorize The Board Of Trustees Of Clemson Agricultural College To Expend For Certain Purposes In Accordance With Plans Of The Trustees, The Funds Received From The United States Government For Certain Lands Of The College.

Be it enacted by the General Assembly of the State of South Carolina:

SECTION 1. Clemson College may expend funds received on Federally condemned lands for certain purposes.—The Board of Trustees of Clemson Agricultural College is hereby authorized to expend the funds received from the United States Government for certain lands of the College condemned by the United States for the Hartwell Dam Project, after the payment of such expenses as were incurred pursuant to the terms of Act No. 930 of 1956, and such funds shall be expended for the following purposes:

(a) To invest in water, power and sewer lines and facilities all sums received for the taking of or damage to such lines and facilities.

(b) To invest all sums received for land owned in trust under the will of Thomas G. Clemson in other lands, subject to the same trusts.

(c) To expend all sums received for lands deeded to the College by the United States:

(1) To develop and improve remaining lands acquired from the United States, including erecting structures upon them to replace structures being taken.

(2) To improve other lands owned by the College for use in its agricultural program.

(3) To acquire additional lands to the extent needed in the opinion of the Board of Trustees of the College upon which agricultural programs can be conducted, when the remaining lands of the College are not suitable or adequate.

(4) To develop and improve the lands so acquired and to erect thereon the structures required for their proper operation and management.

(d) To use any other sums received to the extent found by the Board of Trustees to be reasonably necessary in the agricultural and research program of the College.

SECTION 2. Repeal.—All acts or parts of acts inconsistent herewith are repealed.

SECTION 3. Time effective.—This act shall take effect upon approval by the Governor.

Approved the 29th day of April, 1959.

*The whole program at the
Clemson Station would be
stopped unless could operate
within mandate of water
pollution control authority*

Clemson 1873

Statement of Account
 CONDEMNED LANDS - HARTWELL DAM PROJECT
 Account No. 02-01-310
 August 2, 1963

INCOME:

First payment by Federal Government	\$ 453,702.00
Second and final payment by Federal Government	687,848.00
Proceeds Sale of Buildings (Simpson Station)	2,264.00
Proceeds Sale of Timber and Pulpwood	4,840.21
Proceeds Auction Sale	161.40
Refund on \$14,156.24 Paid to Corps. of Eng.	85.34
Investment Earnings	<u>16,309.61</u>

Total Income

\$ 1,165,210.56

DISBURSEMENTS, TRANSFERS & BALANCE

Jones & Murph (Surveys and Plats)	2,705.40
Watkins, Vandiver, Freeman & Kirven (Attorney Fees, etc.)	40,080.64
Lockwood Greene (Engineering)	3,662.15
W. N. Henderson (Appraisals)	230.09
American Appraisal Co. (Supplemental Report)	1,335.41
Ada C. Dalton, et al (232.25 acres land)	36,450.00
Kenneth K. Kohnitz (Land)	80,000.00
Pallie W. Breazeale (225.33 acres land)	28,166.25
Bertie M. Spear, et al (34.86 acres land)	3,500.00
P. Fred Williams (97.51 acres land)	29,253.00
J. B. Douthit (686.1 acres land)	126,928.50
C. T. Cartee (25.08 acres land)	7,519.00
Harold R. Cartee (12.17 acres land)	4,005.50
Irvin Osby (14.98 acres land)	2,242.00
Luther E. Mullikin (1.09 acres land)	158.50
Treasurer of the U. S. (Difference in Sewer Line)	14,156.24
Treasurer of the U. S. (Difference in Pumps)	740.00
Treasurer of the U. S. (Proposed Easement)	1,575.00
E. H. Agnew (Appraisals)	200.00
Robinson Engineering Service (Engineering & Consultation)	<u>7,597.49</u>

Total Disbursements

\$ 390,505.17

Transfers to Experiment Station Relocation Projects
 (Account No. 10-01-900)

455,566.38*

Balance in Account No. 02-01-310

64,981.40

Balance on deposit with State Treasurer

254,157.61

Total Disbursements, Transfers & Balances

\$ 1,165,210.56

* Does not include \$12,000.00 transferred from Government
 Land Timber Account (02-01-308)
 Relocation Projects (10-01-900) June 30, 1961

Clemson

*The 156,000 in
 Sewage Treatment project
 F. 1874*

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Treasurer of the U. S. (Proposed Easement)	1,575.00
E. H. Agnew (Appraisals)	200.00
Robinson Engineering Service (Engineering & Consultation)	<u>7,597.49</u>

Total Disbursements

\$ 390,505.17

Transfers to Experiment Station Relocation Projects
(Account No. 10-01-900)

455,566.38*

Balance in Account No. 02-01-310

64,981.40

Balance on deposit with State Treasurer

254,157.61

Total Disbursements, Transfers & Balances

\$ 1,165,210.56

* Does not include \$12,000.00 transferred from Government
Land Timber Account (02-01-308)
Relocation Projects (10-01-900) June 30, 1961

Clemson

*We 156,000 on
Sewage Treatment project*

F. 1874



SOUTH CAROLINA
STATE COMMISSION OF FORESTRY

CHAS. H. FLORY
STATE FORESTER

P. O. BOX 357
COLUMBIA

August 1, 1963

Mr. J. M. Smith, Secretary
State Budget and Control Board
Wade Hampton Office Building
Columbia, S. C.

Re: Request for funds for Pine Beetle Control

Dear Mr. Smith:

Act No. 107 of 1963 authorized the State Commission of Forestry to formulate programs for the detection and control of forest pest outbreaks in the State. Also under Section 68, Item 30, of the 1963-64 Appropriation Bill, an emergency fund of \$100,000 was provided for pest control for use by the State Crop Pest Commission and the Forestry Commission, with allotment of funds to be approved by the State Budget and Control Board.

An aerial survey of the State, together with ground checks, was completed in July, which revealed that the Pine Beetle epidemic which was present in 19 counties last year has been greatly reduced. However, a large number of beetles have "wintered over", and the potential is present for a recurrence of epidemic proportions if weather and other natural conditions are favorable.

The survey also revealed an alarming build-up of beetles in Berkeley and Charleston Counties. Investigations reveal that Berkeley County has some 20,000 trees infested. Control measures in most of Berkeley County, together with some spot control in a number of other counties, are now fully justifiable to prevent the outbreaks from reaching epidemic proportions.

Accordingly, a request is made herewith for an initial allotment of \$7,300 from the above mentioned appropriation to acquire automotive equipment, sprayers, insecticide, tools and other equipment, together with financing a follow-up aerial survey. A budget estimate is enclosed herewith.

b. 1875

Forestry

Mr. J. M. Smith

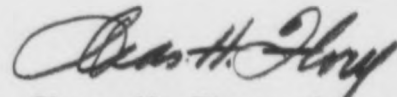
- 2 -

August 1, 1963

Existing Forestry Commission personnel will supervise and carry on control measures for the present. If the situation becomes more severe, and additional labor is needed, a subsequent request will be made for funds to hire additional labor.

The Forestry Commission, at its meeting on July 25, approved this request, and directed that it be submitted to the Budget and Control Board for approval. It is urged that early action be taken on the matter.

Very truly yours,



Chas. H. Flory
State Forester

CHF:mbs

cc: Members, State Budget and Control Board
Enc.

1876

Forestry

S. C. STATE COMMISSION OF FORESTRY
SOUTHERN PINE BEETLE CONTROL PROGRAM
EQUIPMENT LIST FOR ONE CONTROL CREW

<u>Item</u>		<u>Approx. Cost</u>
Willys "Jeep" or International Harvester "Scout"		\$ 2,000
Pick-up (heavy duty)		1,800
Power Saw		190
Power Pump for spraying chemical		285
Back-pack chemical sprayers	(8)	222
Single bit axe	(2)	10
Bush hook		5
Cant hook (short)	(2)	28
Rubber gloves - pair	(4)	20
Hard hat	(4)	20
Water cooler		12
55 gal. drum	(3)	9
150 ft. of hose for Panama Pump		75
Nozzle for Power Pump unit	(2)	10
5 gal. gas can		3
Binoculars		35
Misc. items (fittings, tools, etc.)		<u>95</u>
Total Equipment		\$ 4,819
500 gallons B. H. C.		1,500
Statewide aerial survey - airplane rental		<u>1,000</u>
GRAND TOTAL		\$ 7,319

ECP:mbs
8/1/63

Forestry

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