The Board convened at 10 A. M. with the following members present: Messrs. R. M. Cooper, President of the Board, Presiding; W. A. Barnette, Edgar A. Brown, James F. Byrnes, Robert S. Campbell, J. F. McLaurin, Winchester Smith, Robert L. Stoddard, T. Wilbur Thornhill, and T. B. Young. A message from Mr. Paul Sanders expressing his regrets at being unable to attend was conveyed to the Board and Mr. Sanders was recorded as excused.

Others present were R. F. Poole, M. A. Wilson, R. C. Edwards, H. E. Glenn, W. L. Watkins, M. H. Bruner, H. M. Rogers, T. A. Fridy, Jr., and G. E. Metz.

Item 1. Minutes of the Meetings of June 21 and August 12, 1957. The Board postponed consideration of the minutes of the meetings of June 21 and August 12 until the next meeting of the Board.

Item 2. Residence for the President — Allotment of Funds

Progress Report: At the request of Dr. Barnette, Chairman of the Committee on Development and Public Relations, Mr. H. E. Glenn presented a report of progress on the residence for the President. He displayed floor plans and elevations; and, in answer to questions concerning furnishings, Mr. Glenn reported that current plans provided for drapes, wall-to-wall carpeting, complete furnishings for the kitchen, and as much additional furnishings as can be included within the maximum figure of $75,000 as approved by the State Budget and Control Board.

Mr. Byrnes said that whatever funds the institution expects to spend on the President's residence should be requested in one allotment to avoid the necessity of submitting a later request for additional funds for furnishings.

Mr. Thornhill said that each of the bedrooms should have a private bath and that there should be ample rest room facilities on the first floor both for men and women. He also requested that the plans and proposed architecture of the residence be submitted to Perry, Shaw and Hepburn, Kehoe and Dean, master planners, for review.

Mr. Smith emphasized the need for providing a residence for the President adequately and attractively constructed and furnished in keeping with the high office of the presidency of Clemson College.

Board Action: It was moved by Mr. Smith, seconded by Mr. Thornhill and passed that the State Budget and Control Board be requested to authorize the expenditure of $95,000 for the residence for the President, with the maximum for the residence for the Vice President for Development to remain at $40,000 as previously approved.
Item 3. Residence for the Vice President for Development -- Location

New Location Proposed: Reference was made to the location previously approved by the master planners for the residence for the Vice President for Development. Reasons were given for locating the residence elsewhere, and it was specifically proposed that this residence be placed in the Clemson Homes area on a location bounded on the west by Martin St., bounded on the north by the College line, on the east by Bradley Street, and on the south by Clemson Homes.

Board Action: It was moved by Mr. Campbell, seconded by Mr. McLaurin and passed that the new location as proposed by authorized subject to the approval of Perry, Shaw and Hepburn, Kehoe and Dean, master planners.

Item 4. Residences for the President and the Vice President -- Procedure on Bids

Board Action: It was moved and passed that when the construction of the two residences referred to under items 2 and 3 is opened for bids, that the contractors be requested to submit bids on the two residences as separate projects and also to submit bids on the two residences taken together as one project.

Item 5. Revenue Bond Resolution

Board Action: The Board authorized the administration to request Mr. Huger Sinkler, Bond Attorney, to draft the appropriate resolution for the Revenue Bond Issue to provide funds for married student housing and residences for the President and the Vice President for Development which, if the amount of $95,000 is approved for the President's residence, will total $835,000.

Item 6. Hartwell Dam Project -- Acceptance of Plan X

Development Committee Statement: The Chief of Engineers has officially transmitted to the College through the President of the Board copies of his proposed report together with the reports of the District and Division Engineers on the restudy of the Hartwell Dam project, with the request that comments of the Board of Trustees be transmitted to him by October 1, 1957. Since this date was prior to the meeting of the Board, the College Attorney contacted General Itschner who agreed that it would be satisfactory with him to receive comments of the Board of Trustees by October 7.

The official documents from the Chief of Engineers were placed in the hands of the College Attorney, Lockwood-Greene Engineers, and appropriate members of the College staff for their study and recommendations. The results of these studies have been incorporated in a "Staff Report on Restudy of Hartwell Project" reviewed by the Hartwell Dam Subcommittee and the Development Committee in meeting on October 3 and also distributed to other members of the Board present at this meeting on October 4.

The "Short Diversion Plan" (Corps of Engineers Plan X), which the Chief of Engineers says he will recommend to the appropriate committees of the Congress to be constructed, coincides almost identically with the "Modified Diversion Plan" previously approved by the Board of Trustees and recommended to the Corps of Engineers in April 1957.

Recommendation: The Hartwell Dam Subcommittee and the Committee on Development and Public Relations jointly recommended that the Board of Trustees accept Plan X as proposed by the Corps of Engineers and authorize the President of the Board to write the following letter to Major General E. C. Itschner, Chief of Engineers:
Clemson, S. C.
October 4, 1957

Major General E. C. Itschner
Chief of Engineers
Department of the Army
Washington 25, D. C.

Dear General Itschner:

The Board of Trustees of Clemson College have considered the Restudy Report of the Hartwell Reservoir dated July 25, 1957, at a meeting held today and have authorized the communication of the following comments to you:

As mentioned in the Restudy Report and in your proposed transmittal letter, the short diversion plan referred to as Plan "X" has already received the general approval of the Board. The details of the plan to the extent revealed in the Restudy Report accord with the short diversion as visualized by the Board in April. No revision of any of the details thus disclosed is asked by the Trustees.

The Trustees cannot agree with the opinion expressed by the District Engineer that a sewage disposal plant will not be required if the plan for the short diversion of Seneca River is adopted. It is true that some aesthetic considerations that would have made the treatment of sewage essential if the short diversion were not adopted may no longer apply. However, the purity and safety of the domestic water supply of the college and the community in which it lies may require the treatment of the sewage, and the regulations of the South Carolina Department of Health may prohibit the discharge of raw sewage into the ponded water. Treatment of the college sewage is not now required for either of these reasons. If treatment should be made necessary on account of the construction of the reservoir, the Trustees will contend that the cost should be borne by the Corps of Engineers as a part of the cost of the project.

In order that the record of this matter may be entirely clear and accurate, the Trustees deem it proper to call attention to two comments in the report of the District Engineer, which appear somewhat misleading.

The first of these is the statement in paragraph 10 of the Restudy Report and repeated in paragraph 58a to the effect that the Trustees once stated that the payment of "full compensation" for college lands and facilities would be an acceptable alternative to the diversion of the river, or a lowering of the power pool. The purported basis of this statement is the letter of June 29, 1956, to the then District Engineer, in response to his request that the College advise him of its plans and proposals for readjustment of facilities. That letter urges the lowering of the power pool to 610 feet above mean sea level as the only method by which the College program would not be seriously affected. That proposal an alternate plan, less desirable but acceptable, for the long diversion of Seneca River. This is the plan found on the Restudy not to be feasible. Realizing that a consideration of those proposals would include a study of economic justification, the letter proceeded to list the facilities which would have to be provided before the College could surrender possession of its lands below elevation 665. These items were listed for the purpose of establishing economic justification for the two proposals only, and not as a third and alternate proposal.
In paragraph 106, of the Restudy Report, it is stated that over 7,600 acres of the lands of the College outside of the area protected by the short diversion and required in the project had been deeded to the College by the Department of Agriculture for the payment of $1.00 in December, 1954. This statement ignores the fact that these lands were leased to the College in 1939 for a term of fifty years, with optional renewal periods totaling 45 years more. At that time the lands were, and were acquired by the United States, sub-marginal lands. Upon the assurance of 50 years use of these lands and the prospect of 45 years more, they were reclaimed and improved by the College. The cost of reclamation and improvement in many cases was greater than any establishable "fair market value" of the lands, but the expenditure was fully justified because of the convenient location of the lands to the other activities of the college. It is not fair to say that the lands cost the College $1.00 when, in fact, the cost was the investment in improvements and reclamation over the period beginning in 1939.

The Trustees appreciate the thorough study made of its proposals, and the change in the plans to include the short diversion which you have recommended. They receive warmly your recommendation that all other areas of disagreement be explored in joint discussions and study in the sincere hope that all problems can be worked out to mutual satisfaction.

Yours very truly,

President, BOARD OF TRUSTEES,
THE CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA

Board Action: It was moved by Dr. Barnette, seconded by Mr. Smith and passed that the recommendation be approved and that the President of the Board be authorized to write the letter to General Itschner as given above.

Mr. Thornhill dissented to this action of the Board and at his request was recorded as voting "No" for the reasons given in the resolution presented by him at the June 1955 meeting. (See Item 17 of minutes of the meeting of June 17, 1955)

Item 7. Hartwell Dam Project -- Request of the United States Department of Agriculture

Board Action: Upon recommendation of the Development Committee, it was moved by Dr. Barnette, seconded by Mr. Stoddard and passed that the Board of Trustees request the United States Department of Agriculture to study the effect of Plan X on the agricultural program and facilities, assist the college in its plans for the relocation of operating units affected, and advise the college staff and the board on the quantity and location of lands to be purchased and other steps to be taken to provide an adequate agricultural program for the future.

Item 8. Stadium Expansion Plans

Development Committee Report: At the request of Dr. Barnette, Mr. Campbell displayed and described the plans for expanding the stadium.

Board Action: The plans for the expansion of the stadium were approved provided that the President's Box be redesigned in accord with suggestions made.
Item 9. Resolution Regarding Stadium Notes

Resolution: The following resolution was introduced by Dr. W. A. Barnette:

THE STATE OF SOUTH CAROLINA.

WHEREAS, provision has been made by an Act of the General Assembly entitled "AN ACT TO MAKE PROVISION FOR THE ENLARGEMENT AND IMPROVEMENT OF THE STADIA OF THE UNIVERSITY OF SOUTH CAROLINA AND THE CLEMSON AGRICULTURAL COLLEGE OF SOUTH CAROLINA, TO MAKE PROVISION FOR THE FINANCING OF THE COST THEREOF BY THE ISSUANCE OF NOTES OF THE STATE OF SOUTH CAROLINA, TO PRESCRIBE THE TERMS AND CONDITIONS UNDER WHICH THE NOTES MAY BE ISSUED AND THEIR PROCEEDS EXPENDED, AND TO MAKE PROVISION FOR THE PAYMENT THEREOF, AND TO PROVIDE THAT ACT NO. 605 OF 1954 SHALL NOT APPLY TO THE PROVISIONS OF THIS ACT", Approved June 18th, 1957 (hereafter referred to as the Act) for enlargements and improvements of the stadium of The Clemson Agricultural College of South Carolina; and,

WHEREAS, it is therein provided that the cost of such enlargements and improvements, shall be defrayed from the proceeds of notes authorized by said Act, of which proceeds $300,000 are to be made available to this board in order to effect payment of the cost of the enlargements and improvements to the stadium of The Clemson Agricultural College of South Carolina; and,

WHEREAS, it is likewise provided in said Act that prior to the delivery of the notes authorized thereby this Board shall undertake and agree to impose an additional fee or charge of twenty-five cents (25¢) per person upon each person admitted to the stadium of The Clemson Agricultural College of South Carolina from whom an admission charge of fifty cents (50¢) or more is required until the sum realized from such fee or charge shall equal one-half of the aggregate to become due by way of principal and interest on all notes issued pursuant to said Act; and,

WHEREAS, a Resolution has been adopted by the State Budget and Control Board providing for the issuance of $600,000 of Notes to be dated October 1st, 1957, to be in denomination of $40,000 each, to bear interest at the rate of 4% per annum, payable semi-annually and to mature $40,000 on the 1st day of October in each of the years 1958 to 1972, inclusive; and,

WHEREAS, such Resolution provides that $300,000 from the principal proceeds thereof may be expended for enlargements and improvements to the stadium of The Clemson Agricultural College of South Carolina if this Board do formally undertake to impose the fee or charge above referred to; and

WHEREAS, it has been determined by this Board that it should meet the condition so imposed;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE CLEMSON AGRICULTURAL COLLEGE OF SOUTH CAROLINA:

Section 1.

That for so long a time as is necessary to raise one-half of the aggregate sum to become due by way of principal and interest on the $600,000 notes of the State of South Carolina, dated October 1st, 1957, bearing interest at the rate of 4% per annum, payable semi-annually, and maturing $40,000 on the 1st day of October in each of the years 1958 to 1972, inclusive, an additional fee or charge of twenty-five cents (25¢) shall be collected from each person admitted to the stadium of The Clemson Agricultural College of South Carolina from whom an admission charge of fifty cents (50¢) or more is required. All sums received from such fee or charge shall be segregated from all other receipts and shall be remitted to the State Treasurer from time to time as the same shall be collected, but not later than thirty days following the occasion of the event for which the privilege of admission to the stadium has been sold.

Section 2.

The provisions of this Resolution shall be deemed a formal undertaking on the part of the Board of Trustees of The Clemson Agricultural College, and shall inure to the benefit of all holders of the notes of the State of South Carolina above recited.
Section 3.

This Resolution shall remain in full force and effect until the sums remitted to the State Treasurer from the fee or charge herein imposed shall equal one-half of the aggregate of all sums to become due by way of principal or interest on the notes of the State of South Carolina above recited, and this Resolution shall not be sooner rescinded, revoked or in any way modified.

Board Action: The resolution was seconded by Mr. Robert S. Campbell, and by a roll call vote was unanimously adopted with ten members present and voting "aye".

Item 10. Resolution Regarding State Institution Tuition Bonds

Resolution: The following resolution was introduced by Mr. T. Wilbur Thornhill:

THE STATE OF SOUTH CAROLINA.

WHEREAS, the Board of Trustees of The Clemson Agricultural College of South Carolina desires to make the improvements hereinafter described and to finance the cost thereof from the proceeds of State Institution Bonds to be issued by the Governor and State Treasurer pursuant to the provisions of Act No. 139 of the Acts of 1953 of South Carolina, as amended:

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE CLEMSON AGRICULTURAL COLLEGE OF SOUTH CAROLINA, IN MEETING DULY ASSEMBLED:

(1) The Board of Trustees of The Clemson Agricultural College of South Carolina hereby makes application to the State Budget and Control Board of the State of South Carolina for Two Million One Hundred Thousand ($2,100,000) Dollars to be used to finance the cost of the following improvements, viz.:

(a) A new Structural Science Building. The cost of constructing and equipping the same is estimated to be $1,900,000;

(b) The renovation of the existing engineering building (Riggs Hall). The cost of renovating this building and the installation therein of appropriate new equipment is estimated at $100,000; and,

(c) The construction of a new 1,000,000 gallon potable water storage facility. The cost of constructing the same is estimated to be $100,000.

(2) The Board of Trustees hereby estimates the aggregate cost of the improvements referred to above at $2,100,000.

(3) The Board of Trustees has ascertained and hereby determines that the number of regularly enrolled students at The Clemson Agricultural College of South Carolina at the close of the last preceding regular academic semester (or quarter), which ended on the 31st day of May, 1957, and the annual tuition fee payable by each of such students in accordance with the schedule of tuition fees then and now in effect, and the aggregate amount of such tuition fees payable by such students were as follows:

<table>
<thead>
<tr>
<th>Number of Regularly Enrolled Students</th>
<th>Tuition Fees</th>
<th>Aggregate Amount of Tuition Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Students 2,662</td>
<td>$150.00</td>
<td>$399,300</td>
</tr>
<tr>
<td>Non-Resident Students 319</td>
<td>$350.00</td>
<td>$111,650</td>
</tr>
<tr>
<td>2,981</td>
<td></td>
<td>$310,950</td>
</tr>
</tbody>
</table>
(4) The Board of Trustees hereby suggests that the $2,100,000 State Institution Bonds to be issued to provide the funds requested by this resolution be dated *, 1957, and shall mature on ** in annual installments as follows:

$71,000 in the year 1958;  
$76,000 in the year 1959;  
$77,000 in the year 1960;  
$80,000 in the year 1961;  
$83,000 in the year 1962;  
$87,000 in the year 1963;  
$90,000 in the year 1964;  
$94,000 in the year 1965;  
$97,000 in the year 1966;  
$101,000 in the year 1967;  
$105,000 in the year 1968;  
$109,000 in the year 1969;  
$113,000 in the year 1970;  
$118,000 in the year 1971;  
$123,000 in the year 1972;  
$128,000 in the year 1973;  
$133,000 in the year 1974;  
$136,000 in the year 1975;  
$143,000 in the year 1976; and  
$136,000 in the year 1977.

(5) The Board of Trustees has ascertained and determines that the only unmatured State Institution Bonds heretofore issued for The Clemson Agricultural College of South Carolina are those listed below:

(a) An issue dated April 1st, 1954, in the original amount of $3,100,000 of which $2,546,000 are now outstanding. Such bonds mature and bear interest as follows:

$190,000 in each of the years 1958 to 1964, inclusive;  
$140,000 in each of the years 1965 to 1970, inclusive; and  
$ 94,000 in each of the years 1971 to 1974, inclusive.

The bonds maturing in the years 1958 to 1970, inclusive bear interest at the rate of 1-3/4% per annum, while those maturing in the years 1971 to 1974, bear interest at the rate of 2% per annum.

(b) An issue of $750,000 dated June 1st, 1955, of which $675,000 are now outstanding. Such bonds mature and bear interest as follows:

$40,000 in each of the years 1958 to 1966, inclusive; and,  
$35,000 in each of the years 1967 to 1975, inclusive.

The bonds maturing in the years 1958 to 1961, inclusive bear interest at the rate of 2-1/4% per annum; those maturing in the years 1962 to 1970, inclusive, bear interest at the rate of 1-3/4% per annum, and those maturing in the years 1971 to 1975, inclusive, bear interest at the rate of 2% per annum.

* November 1st, November 15th, December 1st, December 15th or such other date as is most convenient to the State Treasurer.

** Such month and day as selected in the immediately preceding date.
(October 4, 1957 Continued)

(6) The Board of Trustees hereby agrees that the schedule of tuition fees hereinbefore described will be revised from time to time and whenever necessary in order to provide the annual principal and interest requirements on said $2,100,000 State Institution Bonds and on all outstanding State Institution Bonds issued for The Clemson Agricultural College of South Carolina.

(7) The Secretary of the Board of Trustees is hereby directed to present a certified copy of this resolution to the State Budget and Control Board of the State of South Carolina.

Board Action: The resolution was seconded by Mr. Robert L. Stoddard, and by a roll call vote was unanimously adopted with ten members present and voting "aye".

Item 11. Contract for Construction of 1,000,000 Gallon Steel Standpipe (Potable Water Storage Facility)

Report on Bids: Mr. Robert S. Campbell, who represented the Board of Trustees at the opening of the bids on September 25, 1957, listed the bids received on the 1,000,000 gallon steel standpipe as follows:

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Base Bid</th>
<th>Alternate #1</th>
<th>Alternate #2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hammond Iron Works</td>
<td>$64,500</td>
<td>$70,200</td>
<td>$70,500</td>
</tr>
<tr>
<td>Pittsburgh-Des Moines</td>
<td>65,247</td>
<td>75,497</td>
<td>71,412</td>
</tr>
<tr>
<td>Steel Co.</td>
<td>65,247</td>
<td>75,497</td>
<td>71,412</td>
</tr>
<tr>
<td>Kline Iron and Metal Co.</td>
<td>58,546</td>
<td>64,095</td>
<td>64,861</td>
</tr>
<tr>
<td>R. D. Cole Mfg. Co.</td>
<td>56,940</td>
<td>64,240</td>
<td>64,640</td>
</tr>
<tr>
<td>Chicago Bridge &amp; Iron Co.</td>
<td>62,700</td>
<td>68,300</td>
<td>68,300</td>
</tr>
</tbody>
</table>

Mr. Campbell reported that after discussing the matter thoroughly with the College Administration, representatives of Lockwood-Greene Engineers, and Mr. D. F. Frick, Engineer of the State Budget and Control Board, he recommended that the Board of Trustees accept alternate #1 and reject alternate #2.

Board Action: It was moved, seconded, and passed (1) that alternate #1 be accepted, (2) that alternate #2 be rejected, and (3) that, subject to approval of the State Budget and Control Board, the contract be awarded to Kline Iron and Metal Company of Columbia, South Carolina.

Item 12. Sale of Lands for Industrial Sites

Statement: There are indications that two desirable industries may offer to buy from the College industrial sites. These industries can add much to the College and the community. The sites under consideration are on LU lands not essential to the program of the College now and not essential to a program to be established after the taking of lands for Hartwell Dam. If the industries should desire to purchase the lands, they will probably want prompt action thereon in less than the time required to call a special meeting of the Board.

Recommendation: That the Executive Committee be authorized to sell and convey industrial sites on lands of the College upon receipt of offers in its opinion adequate in amount, from industries which it considers desirable, upon such approval of the Secretary of Agriculture as may be required; that the President of the Board of Trustees be authorized, if sales are negotiated, to execute in the name of the College and the Secretary of the Board to attest
and seal deeds carrying such conveyances into effect; and that said officers be further authorized to execute any necessary agreements with the Secretary of Agriculture as to the approval and conditions of the sale, and the use of the proceeds of sale.

Board Action: The recommendation was approved with the provision that Dr. Barnette be present at negotiations.

Item 13. Recognition of Mr. Gilbert C. Robinson, Head of Ceramic Engineering Department

Board Request: The Board requested the administration to look into the matter of what can be done to recognize the outstanding achievements of Mr. Gilbert C. Robinson as Head of the Ceramic Engineering Department.

Item 14. Final Roll Call Vote

Resolution: RESOLVED That all measures and recommendations made at this the October 4, 1957 meeting which, according to the By-Laws, require a roll call vote of nine or more members, be hereby adopted and confirmed, and that the Comptroller be authorized to issue his checks for all expenditures authorized at this meeting.

Board Action: The resolution was unanimously ADOPTED on roll call vote with ten members present and voting "aye".

Item 15. Adjournment. The meeting was adjourned at 12 noon.

CORRECT: 

APPROVED: 

G. E. Metz, Secretary 

R. H. Cooper, President