

1-1-1914

President's Report to Board of Trustees, 1914-11

Clemson University

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Extension of Credit:

Clemson College, S. C.

As stated in my circular letter, November 18, 1914, to refuse financial accommodation to any patron who needed it. Out The Board of Trustees, collected, there is not due the College 1913-14 The Clemson Agricultural College, S. C. In all, about 50 cadets were helped in Clemson College, S. C. \$5.00 to to the full amount Gentlemen:- payment.

As required by the By-laws, I beg to submit the following report on the work and condition of the College since your last meeting in July. My circular letters have already given you considerable information. I will therefore seek to make this report as brief as possible. However, my investigation shows that with the food stuff on hand and contracted for before the outbreak of the war, we can continue

Enrollment:

Since the July meeting, a profound change has come about in our economic life and financial situation, due to the great European War. This condition menaces our support, but has not affected our attendance. At present there is a declining tendency in We have enrolled to date, (Nov. 12) 26 more students than up to the same date last session, and have in attendance 38 more men than on November 12, 1913. This is truly remarkable when it is remembered that we have no Preparatory Class this session, and that the people of the State are in such financial straits. It is also remarkable that the loss of students to date has been only 28 as compared with 40 last session. I thought that the hard times would have caused a greater number than usual to drop out.

The average age of the students entering the Freshman Class is 18.01 years, and of the One Year Agricultural Course, 20.3 years.

The total student body is divided approximately as follows -

In Agriculture.....	52 1/2%
In all other Courses.....	47 1/2%

Resolved that we are profoundly grateful to the Board of Trustees for the fault. Never have we had a smoother start. The students got to gathering once more at Clemson, and we take this opportunity to work promptly and efficiently. appreciation of the many kinds uses shown

Extension of Credit:

As stated in my circular letter, I have made it a rule not to refuse financial accommodation to any patron who needed it. Out of approximately \$52,000 collected, there is not due the College \$428.48 secured by notes, and \$332.40 unsecured. In all, about 60 cadets were helped in varying amounts from \$5.00 to to the full amount of the first payment.

Subsistence:

For a while I feared it might be necessary to urge an increase in the price of board to the cadets on account of the advance in food prices. However, my investigation shows that with the food stuff on hand and contracted for before the outbreak of the war, we can continue to give the cadets good fare without an increase in board. On smoked meats, fresh meats, lard, butter, etc., we are protected by a contract with Armour & Co., made August 1, and effective for a year. We are watching the markets closely on the articles we will have to buy to finish out the session. At present there is a declining tendency in canned goods, sugar, rice, etc.

The Home Coming:

The first "Home Coming" of ex-Clemson students held at the College August 27 to 31 was the largest gathering of College men ever held in the South. The total attendance was approximately 525.

We were expecting and made preparations for double that number, and this caused considerable loss in our Commissary Department, as will be reported later.

I have received from the President of the Alumni Association a copy of the following resolutions adopted at a mass meeting of the Alumni Association, August 28.

"Resolved that we are profoundly grateful to President W. M. Riggs, the faculty and Trustees of Clemson College for the opportunity of gathering once more at Clemson, and we take this means of expressing to him and to all concerned our appreciation of the many kindnesses shown

to us during the Home Coming."

"Resolved further, that we wish to express it as our desire that another Home Coming be held whenever the authorities deem it best."

Work of the Departments:

There is little to report in regard to the working of the various departments, except to say that all of them are doing good work and all have given me hearty co-operation in my efforts to economize in every practical way.

Col. Cummins' detail will expire with this session. There is a possibility of having him continued another year, and I earnestly hope this can be done. If not, I will later in this report request that the Board allow me to take up again with the War Department the appointment of a man to fit the specifications I may write. It is best not to indicate some particular man. The War Department knows better than we do the qualifications of the officers available for College details.

On September 1st Dr. Powers resigned because of the Board's refusal to raise his salary at the July meeting. After consulting with the Executive Committee, I put Dr. Feeley in charge as Acting State Veterinarian and head of the Division, put Dr. Barnett in Dr. Feeley's place, and later appointed Dr. H. L. Simpson, (formerly in the College employ) to fill Dr. Barnett's place.

As well as I can judge from a three month's trial, the arrangement is working very satisfactorily. Prof. Harper says -

"There are no special matters that I would like to have brought before the Board at this time, excepting the promotion of Dr. R. O. Feeley to the position recently made vacant by the resignation of Dr. M. R. Powers, which position is Professor of Veterinary Science, State Veterinarian, and Consulting Veterinarian to the Experiment Station. After carefully thinking over the matter and keeping in close touch with Dr. Feeley's work since he has been acting head of the division, I am pleased to report that he is in every way performing the work satisfactorily. We could probably obtain a man with more experience and culture, but would have to pay a much higher salary than we would have to pay Dr. Feeley. Dr. Feeley has served in the capacity of First Assistant Veterinarian for a number of years, and his work in that capacity has been entirely satisfactory. He has made many friends for the College and kept down a great deal of friction with the farmers in the enforcement of the State laws. He is a good veterinarian, a good teacher and a good office man, and I would like to see him promoted as a reward for his faithful and efficient services. I would also recommend that his salary be raised to \$2,140 per year, the additional increase to be paid out of Experiment Station funds."

"I would also recommend that Dr. W. A. Barnett be promoted to the position of First Assistant State Veterinarian with a salary of \$1,820 per year. Dr. Barnett is a graduate of Clemson College. After completing his course here he took a full three years' course in Veterinary Science at the University of Ohio, graduating with a degree of doctor of veterinary medicine. I do not believe that we can get a better man for the position of First Assistant State Veterinarian than Dr. Barnett. He is a good teacher, a good veterinarian, and a splendid business man. He has conducted the serum plant, which has been practically in his charge, in a most efficient manner. All of the serum that he has produced has been far above the average in potency."

I shall later in this report recommend that these suggestions
[in regard to Drs. Feeley and Barnett]
of Director Harper be carried out.

The farm made a good crop, although the corn came near being lost on account of a freshet late in August. A little of the corn sprouted, but Prof. Harper thinks that no great damage was done.

The Dairy Division has lately added a Co-operative Creamery feature, buying milk from neighboring farmers and paying them on the basis of butter fat. During October, 846 lbs. of butter was made under the co-operative plan, which is highly beneficial to small farmers in the neighborhood, and gives the students in Dairying more practice as well. Our cream routes go out as far as Liberty.

The Exhibit made by the Demonstration forces at the State Fair was the best ever seen in Columbia, eclipsing even the National Corn Exposition held two years ago in the same building. This Exhibit fully made up for the lack of the more strictly College exhibit. (Of course nothing could make up for the absence of our cadets.)

Improvements:

Some of the work ordered by the Board at the July meeting was well under way when the European War broke out.

The work of converting the fourth story of this building was practically finished and has therefore been completed. The approximate cost was \$3,000. The 50 foot addition to the Engineering Building was well under way, but was stopped at first floor height. \$1,811.75 was expended on this job.

Brick for the new hospital amounting to \$715.91 was delivered, and also the brick for the new laundry. Both of these buildings are held in abeyance. If possible, the new laundry should be built before the summer, so that the transfer of machinery can be made during vacation.

The present laundry is temporary, a bad fire risk, and the machinery is too crowded to get the best results. I am carrying enough insurance to cover fully our new machinery in case of fire.

(It may be of interest to the Board to know that our use of negroes in the laundry has been attended with no trouble. The mutterings and threats subsided after the change was actually put into effect.)

Drill & Athletic Field:

As soon as our financial prospects darkened, I cut off Mr. Blasingame, who was working with Mr. Lewis on the new Drill and Athletic Field. Mr. Lewis has alone made good progress and the work is nearing completion. We will count on selling the mules we bought for this job to cover the cost of completion. By that means no additional appropriation will be necessary. Mr. Lewis has been very faithful and diligent on this job. When the job is completed, we can hardly afford to continue him at \$100.00 per month for the comparatively small amount of campus work we will have the means to do. We have no longer a convict camp needing supervision. I shall later bring this matter up for more definite action.

Inspection by War Department:

Last April 10th and 11th, Capt. Schindle of the General Staff made the annual inspection of the corps of cadets, the barracks, etc. His report recently received is in the main quite complimentary. I beg leave to read it at this point. (Report)

The Y. M. C. A. Building:

Since it was necessary to have plans for the Y. M. C. A. Building completed by January 1st, we have gone ahead with these and are to submit them to the International Committee on November 29 in New York for approval. I associated with Mr. Lee as Consulting Architects, the firm of Shattuck & Hussey of Chicago, the greatest builders of Y.M.C.A. Buildings in the world. Their fee is 1 1/2%, which added to the 1 1/2% fee we pay Mr. Lee, makes a total of 3%. The usual charge is

5%, so that we are saving 2%.

The \$25,000 which is to be put up to secure the \$50,000 from Mr. Rockefeller, has to be in bank by January 1st. The Association has subscriptions amounting to about \$7,000, and with a little time can, I think, raise the \$10,000. It may be necessary for the College to lend a little money to the Association when January 1st comes, from some re-investment account, but it will be better, I think, not to offer to put up more than the \$15,000, leaving a definite sum for the Association to raise. It is hard to get contributions while the idea prevails that gifts are really not necessary to carry out the plan. As soon as the local Association knows just what it has to do, I feel sure it will be able to do it, even if not by January 1st. All I think the College need do is to offer to lend what is lacking, provided a loan cannot be obtained on personal endorsements from the banks.

(6) Operating Expenses (College).....	111,574.84
(7) Operating Expenses (State Work).....	82,465.80
(8) Contributions to Y.M.C.A. Building.....	15,000.00
	\$ 189,040.64

The Financial Situation:

The financial situation calls for your careful consideration.

The following exhibit shows that if the fertilizer tax reaches \$161,728.85 we can complete the year without a deficit. If we can borrow as much as \$50,000 from the banks to tide over until the tax comes in, we will have no serious trouble. If we are not able to borrow, then we must suspend at least a portion of salary payments. I shall later ask authority to do this if necessary.

(Last year's Fertilizer Tax was \$278,000.00)

The Fiscal year 1915-16:

Granting we reach the end of this fiscal year without a deficit, we will on next July 1st face our most critical situation. Not knowing what will be the fertilizer tax in the winter of 1916, will we dare to undertake the various lines of State work, many of which consume our funds before the tax comes in?

Our first duty is to keep the College open to the young men of the State, and to this end the Legislature pledged its support in the

FINANCIAL STATEMENT

Received July 1 to November 1, 1914.

(1)	Balance from 1913-14.....	\$ 67,192.84
(2)	Total income to date.....	39,637.15
		<u>\$ 106,829.99</u>

Expended July 1 to Nov. 1.

(3)	Operating Expenses.....	\$ 47,984.30
(4)	Public State Work.....	29,496.70
(5)	Permanent Additions.....	16,940.23
		<u>94,421.23</u>
	Balance, Nov. 1	\$ <u>12,408.76</u>

Necessary Expenditures.

Nov. 1 - June 28, 1914.

(6)	Operating Expenses (College).....	\$ 111,374.81
	(Reduced \$4,000)	
(7)	Operating Expenses (State Work).....	62,445.80
	(Reduced \$11,230)	
(8)	Contributions to Y.M.C.A. Building.....	15,000.00
	Scholarships.....	
	Extension Work.....	
	Veterinary.....	
	Crop Pest Control.....	
		<u>\$ 188,820.61</u>

Receivable Nov. 1 - June 28.

(9)	Estimated Tuition.....	\$ 4,650.00
(10)	Landscript Fund.....	2,877.00
(11)	Clemson Bequest.....	1,756.00
(12)	H. L. & W. Receipts.....	1,400.00
(13)	Interest.....	2,000.00
(14)	Rent (over repairs).....	2,000.00
(15)	Balance on hand, Nov. 1.....	12,408.76
		<u>27,091.76</u>

(9)	Estimated Tuition.....	\$ 4,650.00
(10)	Landscript Fund.....	2,877.00
(11)	Clemson Bequest.....	1,756.00
(12)	Morrill & Nelson Fund.....	20,000.00
(13)	(Last year's Fertilizer Tax was \$276,000.00)	
	Necessary Fertilizer Tax.....	<u>\$ 161,728.85</u>

The Fiscal year 1915-16:

Granting we reach the end of this fiscal year without a deficit, we will on next July 1st face our most critical situation. Not knowing what will be the fertilizer tax in the winter of 1916, will we dare to undertake the various lines of State work, many of which consume our funds before the tax comes in?

Our first duty is to keep the College open to the young men of the State, and to this end the Legislature pledged its support in the

original act of acceptance.

I feel that we ought not to undertake any lines of public service, (except of course the fertilizer inspection and analysis) unless the General Assembly will insure us against a shrinkage of the tax below the figure necessary to do that which they desire to have done. We cannot be expected to do work, even if required by law, without money, and where would the money come from during the first seven months of next fiscal year, and if we could borrow it, what assurance would we have of getting a fertilizer tax big enough to pay the debt?

Let us consider a budget such as would usually under normal conditions be adopted next July.

to express its acceptance of the Lever Agricultural Extension Act, in

order that South Carolina

Probable Expenditures 1915-16.

(1) Operation of College.....\$ 150,000.00

Public State Work.

(2) Fertilizer Inspection and Analysis.....	35,202.50
(3) Scholarships.....\$ 22,000	
(4) Extension Work.....	20,500
(5) Veterinary Inspection.....	4,600
(6) Crop Pest Com.....	2,300
(7) Branch Stations.....	10,500
(8) Co-operative Exp'l Work.....	2,500
	<u>62,400.00</u>
	<u>TOTAL.....\$ 247,602.50</u>

Probable Income 1915-16.

(9) Estimated Tuition.....	5,000.00
(10) Landscript Fund.....	5,754.00
(11) Clemson Bequest.....	3,512.36
(12) Morrill & Nelson Funds.....	25,000.00
(13) Miscellaneous.....	8,000.00
	<u>Total...\$ 47,266.36</u>
(14) Fertilizer Tax necessary to carry out above Budget.....	200,336.14
	<u>TOTAL.....\$ 247,602.50</u>

I do not feel that we should drop any public work without giving the Legislature a chance to provide for it in case we do not get the money. We dare not, I think, advertise scholarships for another year or enter upon our usual line of work without the State's insurance. If the fertilizer tax reaches \$200,000, then we can repay the State what we may have to borrow from the State Treasury during the first seven

months of the fiscal year. If the tax does not reach the necessary figure to repay the advance, the State, whose work has been done, should bear the cost.

I beg that later in this meeting you give this situation your most earnest thought, and I trust that you will agree with me that we should frankly and sincerely, not defiantly, lay the situation before the Legislature in order that they may not justly accuse^{us} of dropping valuable work without giving them the opportunity to provide for it.

The Lever Agricultural Extension Act:

It will be necessary at the coming session for the Legislature to express its acceptance of the Lever Agricultural Extension Act, in order that South Carolina may get its share of the funds accruing under this Act.

The principal terms of the Act are in brief as follows -

1. Only a College receiving the benefits of the Land Grant Act of 1862 can be selected by the Legislature to supervise the expenditure of the funds arising under the Act. Clemson College and the negro college at Organeburg are the only institutions in South Carolina eligible to administer the fund.

(Pending the action of the Legislature, the Governor has designated The Clemson Agricultural College to carry on this work.)

2. The funds arising under the Act cannot be used for educational work done at the College, but can be used only in giving instruction and practical demonstrations in agriculture and home economics to persons not attending the College. The College is merely the Agent to administer the fund - not the beneficiary of it.

3. For the maintenance of the work, there is permanently appropriated \$480,000 per annum, or \$10,000 for each State which accepts the provisions of the Act. In addition, there is appropriated \$600,000 for the second fiscal year of operation, and for each year thereafter for seven years, \$500,000 additional, until a total of \$4,100,000 is reached, which with the \$480,000 makes a total of \$4,580,000, and this

continues as a permanent annual appropriation. Unlike the initial appropriation of \$480,000, the additional appropriations are not equally divided among the States, but are to be allotted annually to each State in the proportion which its rural population bears to the total rural population of the United States. They are also conditional upon the provisions by the States of an equal sum for maintenance of the work.

For South Carolina, which gets 2.61% of the additional appropriation after the original \$10,000, the Act would provide approximately the following funds -

<u>From July 1st.</u>	<u>Federal Appr.</u>	<u>State Appr.</u>	<u>Total</u>
1914 - 1st year	\$ 10,000.00	\$ 00,000.00	\$ 10,000.00
1915 - 2nd year	25,660.00	15,660.00	41,320.00
1916 - 3rd year	38,710.00	28,710.00	67,420.00
1917 - 4th year	51,760.00	41,760.00	103,520.00
1918 - 5th year	64,810.00	54,810.00	119,620.00
1919 - 6th year	77,860.00	67,860.00	145,720.00
1920 - 7th year	90,910.00	80,910.00	181,820.00
1921 - 8th year	103,960.00	93,960.00	197,920.00
1922 - 9th year	117,010.00	107,010.00	224,020.00

4. The Act further states that the extension work authorized is to be carried on in such manner as may be mutually agreed upon by the Secretary of Agriculture and the Colleges. Before the funds appropriated become available, plans for the work must be submitted to the Secretary, and receive his approval.

As you may remember, we have entered into an agreement with Winthrop College whereby that College is to be a co-agent and administer the Home Economics Work, spending thereon 25% of whatever funds may result from any State or county appropriation. This agreement should elicit Winthrop's active sympathy for any measure looking to providing the necessary funds. It is in a way, perhaps, fortunate that the College is too poor at this time for even the Legislature to expect us to

put up the money to claim the benefits of the bill. If the State will not put up the funds, then provision should be made whereby counties could include appropriations in their budgets. Later I shall present the form of acceptance suggested by the Agricultural Department at Washington,

Miscellaneous Items:

The following miscellaneous items may be of interest -

(a) The title to the piece of school property on the Cherrys Road has been made over to the College. I have suggested to the Executive Committee that the old two-room schoolhouse be demolished and out of the material, a servant house for the Messhall help be made.

(b) The Southern Agricultural Workers met in annual convention at the College the middle of October. They were entertained in the homes of the faculty. The meeting was highly successful in every way, and our visitors expressed themselves as very appreciative of the attentions shown them, and were enthusiastic over the beauty of our campus, its surroundings and the general atmosphere of efficiency that seemed to impress them.

(c) I had recently a very pleasant visit from Mrs. Floride Lee Calhoun, and offered her every possible assistance in carrying out her ideas of adorning the Calhoun graves on top of Cemetery Hill.

(d) I have invited the Oconee, Anderson and Pickens delegations to visit the College on November 24. This visit will give me the opportunity to show them the College fully, and make them feel that we will expect them to regard the College as a home institution to all three counties.

(e) At the National Dairy Show in Chicago recently, butter made in our Dairy scored 93%, - a very creditable record I am told.

(f) There are thirteen ex-Clemson students in the next Legislative House, and several in the Senate.

Recommendations:

1. Under the authority and conditions of the By-laws, I have accepted the following resignations, and request that my action be approved, in order to be made a matter of record -

- (a) L. O. Watson - "Field Pathologist" - Salary \$856.00. Effective August 1, 1914.
- (b) H. C. Eagerton - "Experimental Field Pathologist." Salary \$ Effective August 16, 1914.
- (c) M. R. Powers - "Professor Veterinary Science & State Veterinarian" Salary \$2,000 and House. Effective Aug. 31, 1914.

2. I request that my appointment of the following officers for one year in accordance with the By-laws, be approved -

- (a) Wm. G. Blair of Mass. - "Assistant Prof. of Carding & Spinning" to succeed J. G. Coman. Salary \$1,605. Effective Sept. 1.
- (b) David C. Lange of N. J. - "Instructor in Architectural Engineering." New Position. Salary \$1,200. Effective Sept. 1, 1914.
- (c) C. A. McLendon of S. C. - "Field Pathologist" to succeed L. O. Watson. Salary \$856.00. Effective August 1, 1914.

3. At the request of Dr. Brackett, I extended Mr. Lipscomb's leave of absence until September 1, 1915, and appointed Mr. C. F. Inman, one of the Assistant Chemists in Fertilizer Analysis, to fill the place at the salary of the position, \$1,605. This change was effective September 1, 1914.

4. To fill the one year vacancy caused by the leave of absence granted at the July meeting to Prof. T. W. Pearce, I have appointed Mr. F. H. Edmister, who last year filled the vacancy caused by Mr. Lipscomb's absence. The salary of the position is \$1,200.00. I request your approval of this action.

5. (a) I recommend that Dr. R. O. Feeley be elected to succeed Dr. Powers with the titles of Professor of Veterinary Science, State Veterinarian and Consulting Veterinarian to Station, at the salary of the position, \$2,140, \$300.00 of which will be paid from the Station, and the remainder from the College - promotion effective Dec. 1, 1914.

(b) I recommend that Dr. W. N. Barnett be elected Assistant Professor of Veterinary Science, and 1st Assistant State Veterinarian, at the salary of \$1,820. - promotion effective December 1, 1914.

(c) I recommend that Dr. H. L. Simpson be elected 2nd Assistant State Veterinarian to succeed Dr. Barnett promoted, at the salary of \$1,500, - to be paid partly out of receipts from hog cholera serum sales, - effective September 22, 1914.

6. I recommend that your letter vote increasing Prof. Shields' salary to \$2,500 effective August 1st, be confirmed.

7. I present for your consideration a financial statement for the remainder of the fiscal year, and recommend that the President of the College be given authority to hold back such part of salary payments as may be necessary at any time between this date and the next meeting of the Board in April.

8. I respectfully urge that you authorizing presenting to the next General Assembly a statement of our probable finance for the year beginning July 1, 1915, asking that body to insure us against loss if we undertake the various lines of public work listed.

9. I recommend that suitable legislation be proposed at the 1915 session of the General Assembly whereby this State may receive the benefits of the Lever Agricultural Extension Act and the College become the Agent of the State in the administration of this fund. I submit form of Legislation proposed by the Secretary of Agriculture of the United States.

10. I recommend that an appropriation of \$754.69 be made to cover a deficit on the recent "Home Coming."

11. I recommend that the Board consider the question of requiring day cadets to become regular cadets during the 2nd and 3rd terms of each session.

12. I bring before you for consideration the keep of the Trustee

House, Mrs. Lewis having tendered her resignation immediately after the last meeting in July.

13, I call your attention to the fact that we now have no convict gang and that our work on the campus during the next few years will hardly justify paying as much as \$100.00 per month for its supervision, and ask your opinion as to what shall be done with Mr. Lewis when the present grading is completed.

14. I call your attention to the possible expiration of the detail of Col. Cummins, and ask your permission to take up with the War Department, if that becomes necessary, the detailing of his successor.

15. I ask your approval of my action in granting credit to certain cadets at the opening of the session. The total amount due the College is now \$428.48 covered by notes, and \$332.40 unsecured. The total collected was approximately \$52,000.

16. I beg to submit a letter from Mr. Long, Director of Extension, relative to relations between his Division and the Commissioner of Agriculture.

17. I ask your opinion of the propriety and advisability of having a portion of Cemetery Hill set aside for a faculty burying ground. If you favor the project, surveys can be made and more definite action taken at some later date.

Respectfully submitted,

[W. M. Riggs]

President.

The Hatch & Adams Funds from the U. S. Department of Agriculture for the exclusive use of the South Carolina Experiment Station are not included in this total.

(See Pink Budget for Experiment Station)

The Clemson Agricultural College of South Carolina has, or may hereafter have, under its control Federal and State funds for extension work in agriculture and home economics, which are or may be supplemented by funds contributed for similar purposes by counties and other organizations and individuals within said State, and the United States Department of Agriculture has, or may hereafter have, funds appropriated directly to it by Congress which can be spent for demonstration and other forms of extension work in the State of South Carolina,

MEMORANDUM OF UNDERSTANDING

with a view to securing economy and efficiency

BETWEEN THE

CLEMSON AGRICULTURAL COLLEGE OF SOUTH CAROLINA

AND THE

UNITED STATES DEPARTMENT OF AGRICULTURE

REGARDING EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS IN

THE STATE OF SOUTH CAROLINA.

to co-operative relations between said College and the United States Department of Agriculture in the organization and conduct of extension work in agriculture and home economics in the State of South Carolina.

1. The Clemson Agricultural College of South Carolina agrees-

- (1) To organize and maintain a definite and distinct administrative division for the management and conduct of extension work in agriculture and home economics, with a responsible leader selected by the college satisfactory to the Department of Agriculture.
- (2) To administer through such Extension Division those organized and all funds it has or hereafter may receive for such work from appropriations made by Congress or the State Legislature, by allotment from its Board of Trustees, or from any other source.

WHEREAS, The Clemson Agricultural College of South Carolina has, or may hereafter have, under its control Federal and State funds for extension work in agriculture and home economics, which are or may be supplemented by funds contributed for similar purposes by counties and other organizations and individuals within said State, and the United States Department of Agriculture has, or may hereafter have, funds appropriated directly to it by Congress which can be spent for demonstration and other forms of extension work in the State of South Carolina,

THEREFORE, with a view to securing economy and efficiency in the conduct of extension work in the State of South Carolina, the President of the Clemson Agricultural College of South Carolina, acting subject to the approval of the Board of Trustees of said college, and the Secretary of Agriculture of the United States, hereby make the following memorandum of understanding with reference to co-operative relations between said College and the United States Department of Agriculture in the organization and conduct of extension work in agriculture and home economics in the State of South Carolina:-

1. The Clemson Agricultural College of South Carolina agrees:-
 - (1) To organize and maintain a definite and distinct administrative division for the management and conduct of extension work in agriculture and home economics, with a responsible leader selected by the College satisfactory to the Department of Agriculture.
 - (2) To administer through such Extension Division thus organized any and all funds it has or hereafter may receive for such work from appropriations made by Congress or the State Legislature, by allotment from its Board of Trustees, or from any other source.

- (3) To co-operate with the United States Department of Agriculture in all extension work in agriculture and home economics which said Department is or shall be authorized by Congress to conduct in the State of South Carolina.

II. The United States Department of Agriculture agrees:-

- (1) To organize and maintain in the Department of Agriculture a States Relation Committee, pending the authorization by Congress of a States Relation Service, which shall represent the Department in the general supervision of all co-operative extension work in agriculture and home economics in which the Department shall participate in the State of South Carolina, including the administration of Federal Funds granted to the States under the Smith-Lever Act.
- (2) To carry on in co-operation with the Clemson Agricultural College of South Carolina all demonstration and other forms of extension work in agriculture and home economics which the Department is authorized by Congress to conduct in the State of South Carolina.

III. The Clemson Agricultural College of South Carolina and the United States Department of Agriculture mutually agree:-

- (1) That the aforesaid co-operative extension work in agriculture and home economics in the State of South Carolina involving the use of direct Congressional appropriations to the Department of Agriculture shall be planned under the joint supervision of the officer in charge of Extension Work of the Clemson Agricultural College of South Carolina, subject to the approval of the President or Dean or Director of said college, and the Special Agent in Charge of Farmers' Co-operative Demonstration Work, of the United States Department of Agriculture, subject to the approval of the Secretary of Agriculture or his duly appointed representatives; and that the approved plans for such co-operative extension work in the State of South Carolina shall be executed through the Extension Division of the Clemson Agricultural College of South Carolina, in accordance with the terms of the individual project agreements.
- (2) That all agents appointed for co-operative extension work in agriculture and home economics in the State of South Carolina, under this memorandum and subsequent project agreements, involving the use of direct Congressional appropriations to the Department of Agriculture, shall be joint representatives of the Clemson Agricultural College of South Carolina and the United States Department of Agriculture, (unless otherwise expressly provided in the project

agreements), and shall be jointly approved by the President of Clemson College and the duly authorized representatives of the Secretary of Agriculture, and that said appointees shall receive the necessary commissions from the United States Department of Agriculture. The co-operation as aforesaid shall be plainly set forth in all publications or other printed matter issued and used in connection with said co-operative extension work by either the Clemson Agricultural College of South Carolina, or the United States Department of Agriculture.

- (3) That the plans for the use of the Smith-Lever fund, except so far as this fund is employed in co-operative projects involving the use of Department funds, shall be made by the Extension Division of the college, but shall be subject to approval of the Secretary of Agriculture in accordance with the terms of the Smith-Lever Act, and when so approved, shall be executed by the Extension Division of said College.
- (4) That the headquarters of the State organization contemplated in this memorandum shall be at the Clemson Agricultural College, Clemson College, South Carolina.

IV. This memorandum shall take effect when it is approved by the President of the Clemson Agricultural College of South Carolina and the Secretary of Agriculture of the United States, and shall remain in force until it is expressly abrogated in writing by either one of the signers or their successors in office, by giving ninety days' notice of such intention to abrogate.

Signed:

July 7, 1914.

Date

W. M. Riggs,

President of the Clemson Agricultural College, Clemson College, S. C.

July 23, 1914.

Date

D. F. Houston,

Secretary of Agriculture.

1742

PROSPECTIVE RESOURCES.

14-15

Morrill & Nelson Fund, (U.S).....	\$ 25,000.00
Landscript Fund, (U.S).....	5,754.00
Interest on Clemson Bequest.....	3,512.36
Estimated Tuition.....	5,000.00
Estimated Miscellaneous Receipts.....	7,000.00
Tag Tax (guessed at).....	<u>230,000.00</u>
	\$ 276,266.36
Balance on Hand, July 1, 1914..	\$ 67,192.84
Continued Items.....	<u>7,264.00</u> <u>59,928.84</u>

TOTAL ESTIMATED RESOURCES, 1914-1915.....\$ 336,195.20

CONDENSED SUMMARY OF PROPOSED APPROPRIATIONS.

Operating College.....(White Budget).....	\$ 143,646.14
Public State Work.....(Yellow Budget).....	93,610.00
Equipment, Bldgs, Etc.....(Blue Budget).....	<u>49,741.01</u>
	<u>TOTAL.....\$ 286,997.15</u>

LARGE ITEMS.
(Not Included in Budget)

Y. M. C. A. Building.....	\$ 20,000.00
Athletic Field.....	5,250.00
New Hospital.....	15,000.00
Addition to Engineering Building.....	<u>5,000.00</u>
	<u>TOTAL.....\$ 45,250.00</u>
	<u>TOTAL.....\$ 332,247.15</u>
Unappropriated.....	3,948.05
	<u>\$ 336,195.20</u>

The Hatch & Adams Funds from the U. S. Department of Agriculture for the exclusive use of the South Carolina Experiment Station are not included in this total.

(See Pink Budget for Experiment Station)

RUNNING EXPS.
PUBLIC WORK
EXPS.

SUMMARY BY DIVISIONS.

"FIXED OR USUAL APPROPRIATIONS WHICH HAVE BEEN PROVIDED FOR BY THE BOARD IN THE PAST."

1. Miscellaneous -	<u>By-Laws.</u>
(a) Trustee Expenses.....	1,500.00
(b) Insurance.....	8,000.00
(c) (Including Salaries, Labor, Materials, Coal, Feed	
(d) Ministers & Y.M.C.A. Secretary.....	1,000.00
Stuffs, and Other Usual Expenditures for Operatng and Teaching.)	
6.. (a) President's Office.....	1,500.00
(b) Treasurer's Office.....	1,500.00
(c) Printery.....	200.00
(d) Heat, Light and * * * * *	200.00
(e) Library.....	1,500.00
(f) Campus, Roads and Hauling.....	8,000.00
(g) Night Watchmen.....	500.00
(h) Hospital.....	15,000.00

COMPARATIVE STATEMENT.

5.. Academic Department.....			1,200.00
6.. Textile Department.....	<u>Appropriated</u>	<u>Appropriated</u>	<u>Recommended</u>
<u>Operating Expense</u>	<u>1912-13.</u>	<u>1913-14</u>	<u>1914-15.</u>
7.. Engineering Department.....			4,100.00
For College Work.....	\$ 156,142.28	\$ 151,488.63	\$ 143,646.14
9.. Chemical Department.....			1,000.00
10.. Military Department.....			748.53

NOTE:

I recommend the appropriation of the above amount, \$143,646.14, for operating expenses.

W.M.R.

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RUNNING EXPS.
PUBLIC WORK
EXPS.

FIXED OR USUAL APPROPRIATIONS WHICH HAVE BEEN PROVIDED FOR BY THE BOARD IN THE PAST.

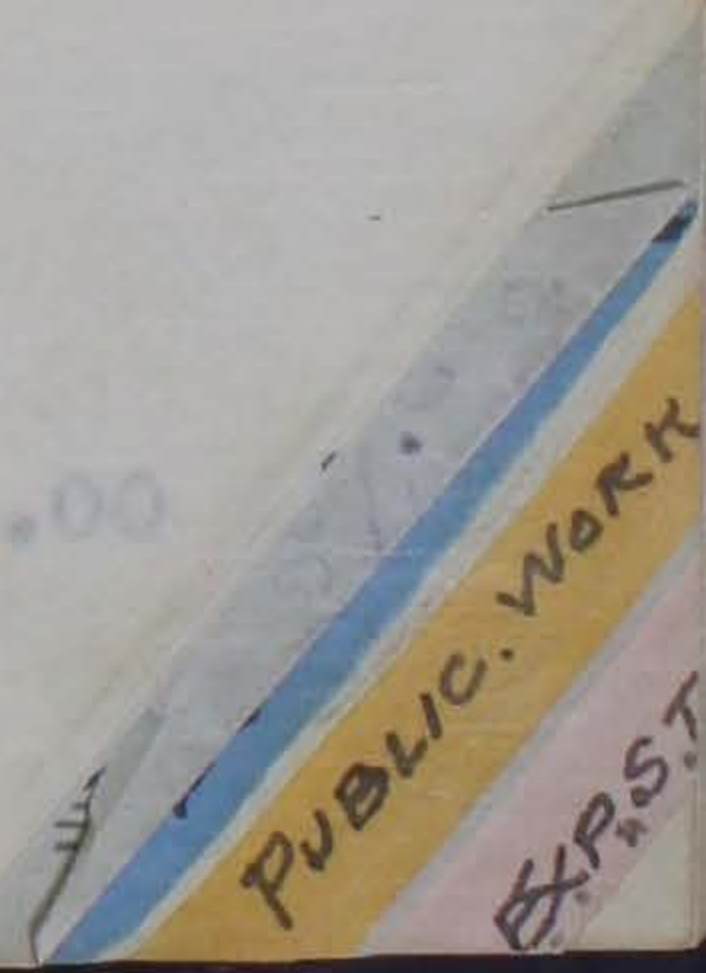
By-Laws.

SUMMARY BY DIVISIONS.

COLLEGE WORK.

1..Salaries - All Departments.....	\$.	\$	94,641.67
2..7% Increase on \$42,291.66.....			2,960.42
1..Salaries, (asper 1913-14 schedule attached).....	\$		94,641.67
2..7% Increase on \$42,291.66 as per rent schedule.....			2,960.42
3..Miscellaneous - receive \$1,836 rent on Hotel & No.185)			
(a) Trustee Expenses.....	\$		1,500.00
(b) Insurance.....			3,000.00
(c) Contingent & Incidental.....			1,000.00
(d) Ministers & Y.M.C.A. Secretary.....			3,000.00
(e) Misc. (See inside).....			2,235.00
			10,735.00
6..Ministers.....			3,500.00
7..Y.M.C.A. Secretary.....			500.00
4..(a) President's Office.....			1,500.00
(b) Treasurer's Office.....			1,200.00
(c) Printery.....			300.00
(d) Heat, Light and Water.....			7,430.00
(e) Library.....			1,500.00
(f) Campus, Roads and Hauling.....			6,325.00
(g) Night Watchmen.....			985.00
(h) Hospital.....			50.50
			19,290.50
16..Supplies and Repairs for Gymnasium.....			80.00
17..Repairs to Trustee Carriages.....			75.00
5..Academic Department.....			1,305.00
19..Telephone and Telegraph Operator.....			800.00
6..Textile Department.....			1,910.00
7..Engineering Department.....			4,132.00
8..Agricultural Department.....			5,679.00
22..Traveling Fund (Conventions, etc).....			300.00
9..Chemical Department.....			1,600.00
10..Military Department.....			742.55
11..Construction & Repairs.....			650.00
25..Emergency Assistance.....			150.00
26..Treasurer's Bond.....			75.00
27..Treasurer's Annual Report.....			
28..Audit on Treasurer's Books.....			300.00
			45.8
			54
Printery.....			
29..Mailing Catalogues and Stationery.....	*	*	100.00
30..Type Metal, Matrices, etc.....			300.00
			300.00
Heat, Light & Water.....			
31..Coal.....			3,100.00
32..Labor.....			2,930.00
33..Materials, Repairs & Extensions.....			1,400.00
			7,430.00
Library Division.....			
34..Books.....			1,000.00
35..Magazines.....			200.00
36..Binding.....			200.00
37..Supplies, As Cards, Stationery, Stacks, etc.....			100.00
			1,500.00

TOTAL.....\$ 143,646.14



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"FIXED OR USUAL APPROPRIATIONS
WHICH HAVE BEEN PROVIDED FOR BY THE
BOARD IN THE PAST."

By-Laws.

COLLEGE WORK.

- | | | |
|---|----|-----------|
| 1..Salaries, (asper 1913-14 schedule attached)..... | \$ | 94,641.67 |
| 2..7% Increase on \$42,291.66 as per rent schedule..... | | 2,960.42 |
| (College will receive \$1,836 rent on Hotel & No.155) | | |

Miscellaneous Items.

- | | | |
|--|----|-----------|
| 3..Exp. of Trustees & Board of Visitors..... | \$ | 1,500.00 |
| 4..Insurance Sinking Fund..... | | 3,000.00 |
| 5..Contingent & Incidental Expenses..... | | 1,000.00 |
| 6..Ministers..... | | 2,500.00 |
| 7..Y. M. C. A. Secretary..... | | 500.00 |
| 8..Sunday School Literature..... | | 40.00 |
| 9..College Catalogue..... | | 450.00 |
| 10..Annual Report to Legislature..... | | 165.00 |
| 11..Lyceum Lectures and Entertainments..... | | 400.00 |
| 12..Commencement Expenses..... | | 350.00 |
| 13..Trustee Medal..... | | 25.00 |
| 14..Dues to A. A. C. E. S..... | | 50.00 |
| 15..Supplies for Museum..... | | 50.00 |
| 16..Supplies and Repairs for Gymnasium..... | | 30.00 |
| 17..Repairs to Trustee Carriages..... | | 75.00 |
| 18..Upkeep to Telephone System..... | | 100.00 |
| 19..Telephone and Telegraph Operator..... | | 300.00 |
| 20..Chapel Lecture Series..... | | 200.00 |
| | | 10,735.00 |

President's Office.

- | | | |
|---|----------|----------|
| 21..Stamps, Stationery, etc..... | 1,000.00 | |
| 22..Traveling Fund(Conventions, etc)..... | 300.00 | |
| 23..Emergency Student Labor..... | 200.00 | 1,500.00 |
| | | 1,500.00 |

Treasurer's Office.

- | | | |
|---|--------|----------|
| 24..Record Books, Stationery, Postage, etc... | 425.00 | |
| 25..Emergency Assistance..... | 150.00 | |
| 26..Treasurer's Bond..... | 75.00 | |
| 27..Treasurer's Annual Report..... | 250.00 | |
| 28..Audit on Treasurer's Books..... | 300.00 | 1,200.00 |
| | | 1,200.00 |

Printery.

- | | | |
|---|--------|--------|
| 29..Mailing Catalogues and Bulletins..... | 100.00 | |
| 30..Type Metal, Matrices, etc..... | 200.00 | 300.00 |
| | | 300.00 |

Heat, Light & Water.

- | | | |
|--|----------|----------|
| 31..Coal..... | 3,100.00 | |
| 32..Labor..... | 2,930.00 | |
| 33..Materials, Repairs & Extensions..... | 1,400.00 | 7,430.00 |
| | | 7,430.00 |

Library Division.

- | | | |
|---|----------|----------|
| 34..Books..... | 1,000.00 | |
| 35..Magazines..... | 200.00 | |
| 36..Binding..... | 200.00 | |
| 37..Supplies, As Cards, Stationery, Stacks, etc | 100.00 | 1,500.00 |
| | | 1,500.00 |

PUBLIC WORK
EXP. ST.

Campus & Roads Division.

1..Labor - Campus Gardener.....	\$ 320.00	
2..Drain Pipe, Fertilizers, etc.....	500.00	
3..Work on Roads and Campus.....	1,000.00	
4..Athletic Field.....	2,555.00	\$ 4,375.00

College Hauling.

5..Teamster @ \$40.00 per month.....	480.00	
6..Two Drivers at \$1.00 per Day.....	576.00	
7..Feed of Six Mules.....	844.00	
8..Shoeing and Repairing.....	50.00	1,950.00

Night Watchmen.

9..Salary of 2 Night Watchmen at \$40.....	960.00	
10..Watchmen Supplies.....	25.00	985.00

Hospital.

11..Utensils and Furnishings.....	50.50	50.50
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Dyeing Division.

12..Chemical and Dye Stuffs.....	100.00	
13..Glass Ware and Laboratory Materials.....	150.00	
14..Misc. Small Laboratory Apparatus.....	150.00	400.00

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ACADEMIC DEPARTMENT.

Office & Unclassified Division.

12..Labor - 2 Janitors (@ \$25 and \$23 per Mo.)....	576.00	
13..Chalk, Erasers, Brooms, Stationery, etc.....	140.00	716.00

Office & Unclassified Division.

Mathematics Division.

14..Repairs to Class Rooms, Furniture.....	10.00	
15..Shades for Windows.....	6.00	
16..Mathematical Publications.....	5.00	21.00

History Division.

17..Periodicals for Class Room.....	50.00	50.00
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English Division.

18..Repairs to Class Rooms and Furniture.....	50.00	150.00
19..Letter Files.....	1.00	
20..Printing Exercises and Examinations.....	32.00	83.00

Electrical Engineering Division.

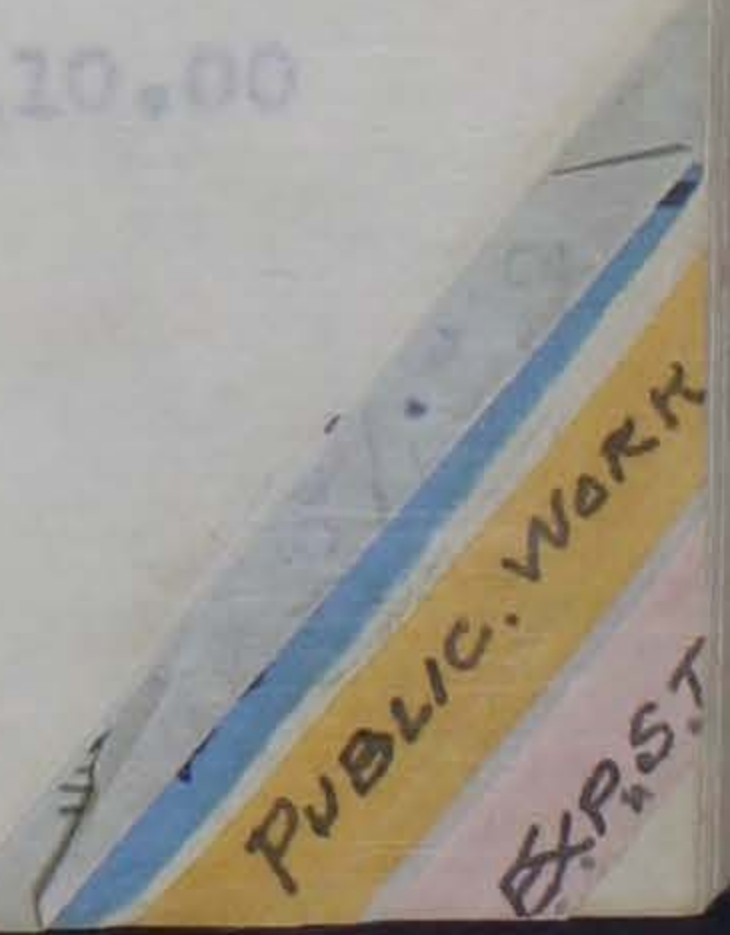
24..Junior Laboratory Supplies.....	50.00	
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Physics Division.

21..Laboratory Supplies and Repairs.....	75.00	
22..Student Assistant.....	360.00	435.00

Civil Engineering Division.

29..Class Materials, etc. * * * * *	40.00	
30..Repairs to Instruments & Furniture.....	70.00	110.00



TEXTILE DEPARTMENT.

Office & Unclassified Division.

1..Janitor & Engineer.....	\$ 400.00	
2..Gasoline.....	35.00	
3..Stationery, Postage, etc.....	40.00	
4..Freight on Donated Machinery.....	125.00	
5..Student Labor.....	<u>150.00</u> ...	\$ 750.00

Carding & Spinning Division.

6..Cotton - For Class Use.....	150.00	
7..Repairs and Supplies.....	160.00	
8..Materials for Cotton Grading.....	<u>100.00</u> ...	410.00

Weaving Division.

9..Warp and Filling Yarn.....	200.00	
10..Loom Supplies and Repairs.....	125.00	
11..Samples for Cloth Analysis.....	<u>25.00</u> ...	350.00

Dyeing Division.

12..Chemical and Dye Stuffs.....	100.00	
13..Glass Ware and Laboratory Materials.....	150.00	
14..Misc. Small Laboratory Apparatus.....	<u>150.00</u> ...	400.00

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ENGINEERING DEPARTMENT.

Office & Unclassified Division.

15..Labor - Janitor 10 Months at \$25.....	250.00	
16..Office and Janitor Supplies.....	150.00	
17..Incidental Repairs to Engr. Building.....	50.00	
18..Record Books	10.00	
19..Attendance on A.A.C.E.S. Meeting.....	<u>50.00</u> ...	510.00

Mechanical Engineering Division.

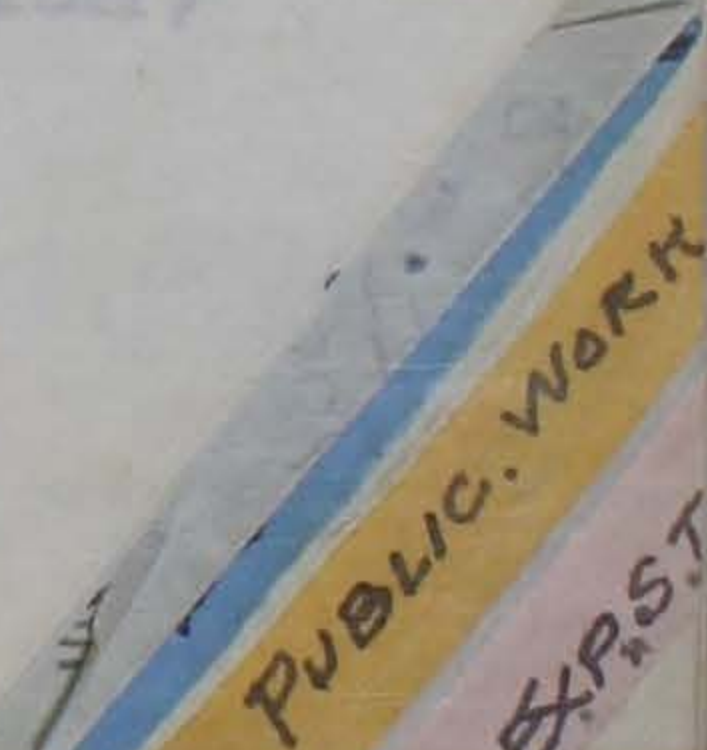
20..Lab'y Supplies, as Pipe, Oil, Chemicals....	80.00	
21..Gasoline.....	25.00	
22..Data Blanks.....	15.00	
23..Reprs. & Replacements of Mach. & Appa.....	<u>30.00</u> ...	150.00

Electrical Engineering Division.

24..Junior Laboratory Supplies.....	50.00	
25..Senior Laboratory Supplies.....	60.00	
26..Repairs to Inst., Appa. & Mach.....	105.00	
27..Class & Lab'y Notes for Students.....	30.00	
28..Student Asst., 9 Months @ \$40.....	<u>360.00</u> ...	605.00

Civil Engineering Division.

29..Class Materials, etc.....	40.00	
30..Repairs to Instruments & Furniture.....	<u>70.00</u> ...	110.00



Drawing Division.

1..Materials, as Ink, Paper, etc.....	\$ 50.00	
2..Repairs and Renewals of Apparatus.....	75.00	\$ 125.00
3..Repairs to Plants, etc.....		
4..Greenhouse Supplies and Repairs.....		

Forge & Foundry Division.

3..Labor - 8 Months at \$40.....	320.00	
4..Iron and Steel for Forge Shop.....	200.00	\$ 1,625.00
5..Reprs & Replacements of Mach. & Appa.....	75.00	
6..Supplies, as Plumbago, Flour, etc.....	50.00	
7..Coal for Forge Shop.....	100.00	
8..Pig Iron and Brass for Foundry.....	150.00	
9..Moulding Sand.....	57.00	
10..Coke for Foundry.....	65.00	1,017.00
11..Repairs to Laboratory.....		890.00

Machine Shop Division.

11..Labor - Machinist, 9 Months @ \$50.....	450.00	
12..Reprs & Replacements of Tools and Mach.....	100.00	
13..Shop Materials.....	200.00	750.00

Wood Shop Division.

14..Labor - 9 months at \$35.....	315.00	
15..Supplies, as Lumber, Hardware, Paint, etc....	400.00	73.00
16..Reprs & Replacements of Tools & Mach.....	150.00	865.00

Veterinary Science Division.

16..Feed for Animals at Veterinary Hospital.....	400.00	
17..Drugs and Hospital Supplies ..	175.00	
18..Labor - Janitor end * * * * *	300.00	
19..Veterinary Journals.....	15.00	
20..Coal.....	28.00	
21..Laboratory Supplies for Class Work.....	100.00	
22..Animals for Dissecting.....	75.00	
23..Repairs to Laboratory.....	50.00	
24..Reprs & Replacements of Apparatus.....	50.00	1,193.00

AGRICULTURAL DEPARTMENT.

Office & Unclassified Division.

17..Janitor's Wages at \$20 per Month.....	240.00	
18..Janitor's Supplies, Soap, Brooms, Chalk, etc..	130.00	
19..Gasoline.....	150.00	
20..Traveling Expenses of Director.....	100.00	
21..Attending Conventions, etc.....	200.00	
22..Stationery, Postage, etc. for Department.....	400.00	
23..Up-keep of Building.....	50.00	
24..Student Labor.....	240.00	1,510.00

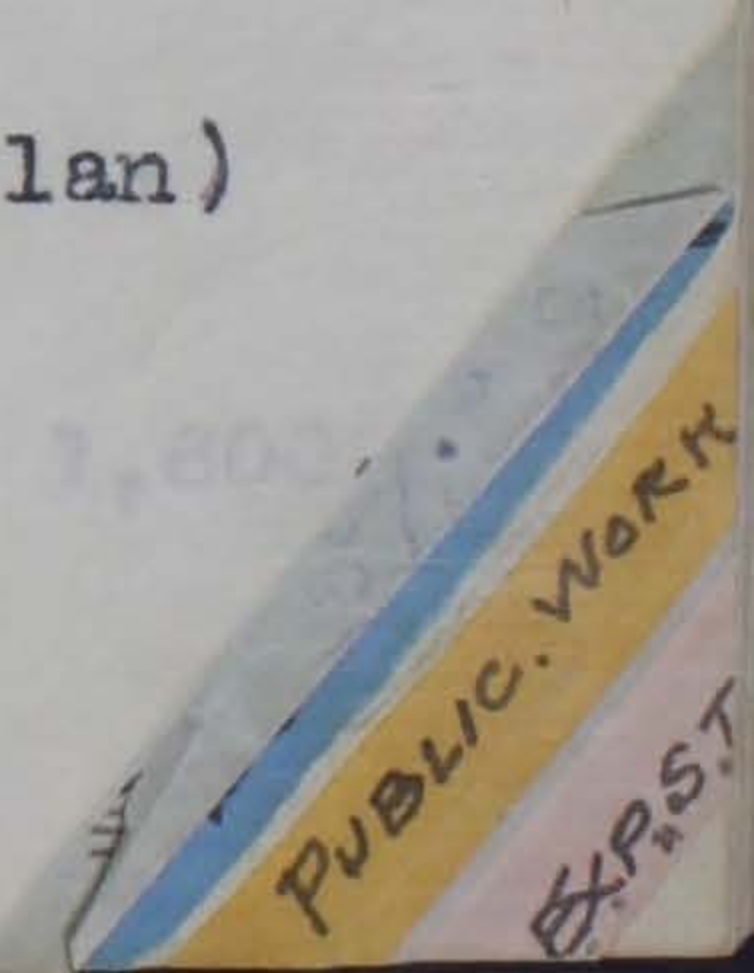
Agronomy Division.

25..Freight on Loaned Machinery.....	100.00	
26..Cement, Gasoline and Oil.....	50.00	
27..Seeds, Score Cards, Etc.....	50.00	
28..Repars and New Parts for Machines.....	25.00	
29..Materials for Class Work.....	100.00	325.00

CHEMICAL DEPARTMENT.

Animal Husbandry & Dairying Division.

30..Freight and Repairs.....	35.00	
31..Glass Ware and Chemicals.....	40.00	
32..Janitor for Dairy Building.....	240.00	
33..Janitor's and Miscellaneous Supplies.....	96.00	411.00
30..Books and Journals.....		
31..Binding Books and Journals.....		
32..(Dairy Herd & Commercial Dairy Operated on Re-investment Plan)		
33..Repairs to Hoods, Flues and Furnaces.....		
34..Incidentals.....		
35..Labor - Janitor.....		



Horticultural Division.

1..Labor.....	\$ 1,200.00	
2..Fertilizer.....	100.00	
3..Seeds, Plants, etc.....	100.00	
4..Greenhouse Supplies and Repairs.....	75.00	
5..Coal for Greenhouse.....	75.00	
6..Packing Material, Crates, etc.....	50.00	
7..Spray Apparatus & Materials.....	25.00	\$ 1,625.00
8..Misc. Unforeseen Repairs (Public Aid).....	500.00	850.00

Botany & Bacteriology Division.

8..Botanical Publications.....	50.00	
9..Glass Ware & Laboratory Supplies.....	115.00	
10..Student Labor Collecting Material.....	100.00	
11..Repairs to Laboratory.....	25.00	290.00

Entomology & Zoology Division.

12..Class & Laboratory Materials.....	150.00	
13..Labor.....	50.00	200.00

Geology & Mineralogy Division.

14..Chemical & Lab'y Supplies and Repairs.....	55.00	
15..Labor.....	20.00	75.00

Veterinary Science Division.

16..Feed for Animals at Veterinary, Hospital.....	400.00	
17..Drugs and Hospital Supplies ..	175.00	
18..Labor - Janitor and Extra Labor.....	300.00	
19..Veterinary Journals.....	15.00	
20..Coal.....	28.00	
21..Laboratory Supplies for Class Work.....	100.00	
22..Animals for Dissecting.....	75.00	
23..Gasoline for Gas Machine.....	50.00	
24..Reprs & Replacements of Apparatus.....	50.00	1,193.00

Farm Division.

(Carried on Re-investment Plan - No Appropriation for Running Expense.)

Chemistry Division.

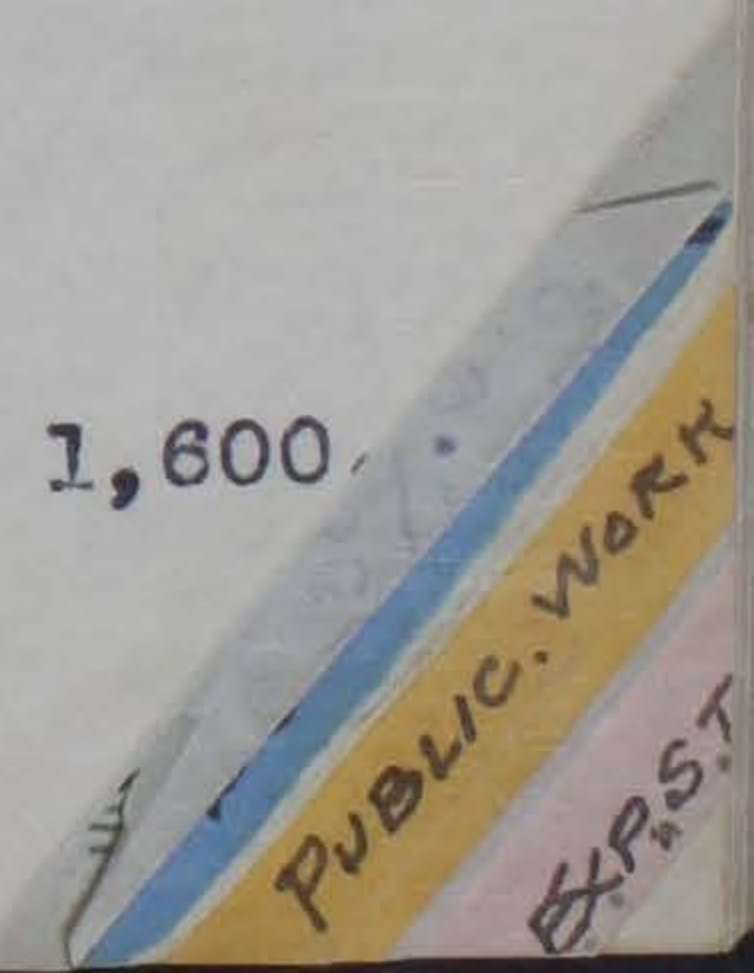
25..Supplies, etc.....	50.00	50.00
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CHEMICAL DEPARTMENT.

College Work.

26..Charcoal.....	10.00	
27..Apparatus.....	600.00	
28..Chemicals.....	400.00	
29..Gasoline.....	200.00	
30..Books and Journals.....	80.00	
31..Binding Books and Journals.....	20.00	
32..Replacing Old Shades.....	20.00	
33..Repairs to Hoods, Flumes and Furnaces.....	50.00	
34..Incidentals.....	100.00	
35..Labor - Janitor.....	120.00	1,600



CONSTRUCTION & REPAIR DIVISION.

1..Office Supplies, Postage, etc.....	\$	50.00	
2..Repairs and Renewals of Apparatus.....		25.00	
3..Tools and Implements.....		25.00	
4..Repairs to Slate Roofs (Public Bldgs).....		50.00	
5..Misc. Unforeseen Repairs (Public Bldgs).....		500.00	\$ 650.00

Directors:

Genl. Dept. & Expt. Affairs.....	1,500
Engineering Dept.....	* * * * *
Chemical Dept.....	
Textile Dept.....	
Military Dept.....	

MILITARY DEPARTMENT.

Heads of Divisions:

Office & Unclassified Division.

6..Postage, Stationery, Record Books.....	300.00	
7..Cadet Officers' Insignia.....	350.00	
8..Premium on Ordnance Bond.....	92.55	742.55

TOTAL RUNNING EXP. \$ 143,646.14

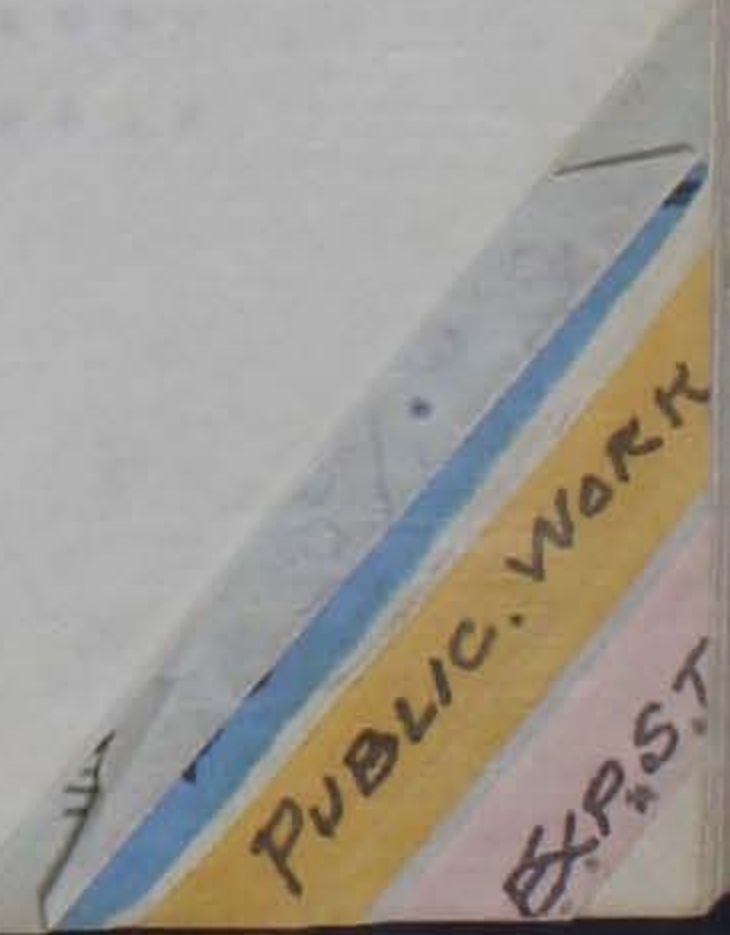
"White Budget" 1913-14 = \$153,341.84.

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Assoc. & Asst. Professors - (Not Heads of Divisions)

Assoc. Prof. English..... (Bryan).....	1,700	1,700	
Assoc. Prof. Math..... (Shanklin).....	1,700	1,700	
Assoc. Prof. Chem..... (Hedry)*.....	1,700	1,700	800
Assoc. Prof. Bot & Bact..... (Rolfs)*.....	1,700	1,700	800
Assoc. Prof. Hort, etc..... (Orider).....	1,700	1,700	400
Assoc. Prof. Dairying..... (Burgess).....	1,700	1,700	
Assoc. Prof. M. & S. Eng..... (Rhodes).....	1,700	1,700	
Asst. Prof. Chemistry..... (Lipscomb)*.....	1,500	1,500	750
Asst. Prof. Chemistry..... (Mitchell).....	1,500	1,500	750
Asst. Prof. English..... (Bradley).....	1,500	1,500	
Asst. Prof. English..... (Sease).....	1,500	1,500	
Asst. Prof. Math..... (Bramlett).....	1,500	1,500	
Asst. Prof. Math..... (Hunter).....	1,500	1,500	
Asst. Prof. Math..... (Johnstone).....	1,500	1,500	
Asst. Prof. History..... (Holmes).....	1,500	1,500	
Asst. Prof. Agri..... (Clark)*.....	1,500	1,500	800
Asst. Prof. Ent, Zool, etc..... (Thomas).....	1,500	1,500	100
Asst. Prof. Drawing..... (Klugh).....	1,500	1,500	
Asst. Prof. Civ. Eng..... (Shepard)*.....	1,300	1,300	

* (Subject to 7% increase under new rental system)



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S-A-L-A-R-I-E-S (COLLEGE)
 (PUBLIC WORK) S-C-A-L-E OF 1913, 1914.
 (EXP. STATION)

	<u>Rate</u>	<u>College</u>	<u>Public Work</u>	<u>Expt. Station</u>
..President.....(Riggs).....	\$4,500	\$4,500	\$	\$
Directors.				
..Agrl Dept. & Expt. Sta....(Harper)...	3,000	1,500		1,500
..Enginerring Dept.....(Earle)....	2,500	2,500		
..Chemical Dept.....(Brackett)...	2,500	1,250	1,250	
..Textile Dept.....(Doggett)...	2,500	2,500		
..Military Dept.....(Cummins)...	1,000	1,000		
Heads of Divisions.				
..Prof. English.....(Daniel)...	1,900	1,900		
..Prof. History.....(Morrison)...	1,900	1,900		
..Prof. Mathematics.....(Martin)...	1,900	1,900		
..Prof. Physics.....(Poats)....	1,900	1,900		
..Prof. Geology.....(Calhoun)...	2,000	2,000		
..Prof. Vet. Sci. etc.....(Powers)...	2,000	950	750	300
..Prof. Ent. Zool. St. Ent. etc. (Conradi)...	2,000	500	500	1,000
..Prof. Ani. Husb., Dairy, etc. (Shields)...	2,000	1,000		1,000
..Prof. Bot. & Bact.....(Barre)....	2,000	500	500	1,000
..Prof. Horticulture.....(Newman)...	2,000	1,000		1,000
..Prof. Agronomy.....(Hutchinson)...	2,000	1,500		500
..Prof. Soils.....(Keitt)*...	2,000	500		1,500
..Prof. Civil Engr.....(Houston)...	1,900	1,900		
..Prof. Drawing.....(Lee).....	1,900	1,900		
..Prof. Elec. Engr.....(Dargan)...	1,900	1,900		
..Asst. Prof. Mach. Shop.....(Howard)...	1,500	1,500		
..Asst. Prof. Wood Shop.....(Routten)*...	1,500	1,500		
..Asst. Prof. F. & F.....(Gantt)...	1,500	1,500		
..Asst. Prof. Weav. & Des... (McSwain)...	1,500	1,500		
..Asst. Prof. Card. & Spin.. ()*	1,500	1,500		
Assoc. & Asst. Professors - (Not Heads of Divisions)				
..Assoc. Prof. English.....(Bryan)...	1,700	1,700		
..Assoc. Prof. Math.....(Shanklin)...	1,700	1,700		
..Assoc. Prof. Chem.....(Henry)*...	1,700	850	850	
..Assoc. Prof. Bot & Bact... (Rolfs)*...	1,700	1,200		500
..Assoc. Prof. Hort, etc....(Crider)...	1,700	1,300		400
..Assoc. Prof. Dairying.....(Burgess)...	1,700	1,700		
..Assoc. Prof. M. & E. Eng.. (Rhodes)...	1,700	1,700		
..Asst. Prof. Chemistry.....(Lipscomb)*...	1,500	750	750	
..Asst. Prof. Chemistry.....(Mitchell)...	1,500	750	750	
..Asst. Prof. English.....(Bradley)...	1,500	1,500		
..Asst. Prof. English.....(Sease)....	1,500	1,500		
..Asst. Prof. Math.....(Bramlett)...	1,500	1,500		
..Asst. Prof. Math.....(Hunter)...	1,500	1,500		
..Asst. Prof. Math.....(Johnstone)...	1,500	1,500		
..Asst. Prof. History.....(Holmes)...	1,500	1,500		
..Asst. Prof. Agrl.....(Clark)*...	1,500	1,000		500
..Asst. Prof. Ent. Zool, etc.. (Thomas)...	1,500	1,000	100	400
..Asst. Prof. Drawing.....(Klugh)....	1,500	1,500		
..Asst. Prof. Civ. Enge.....(Shepard)*...	1,300	1,300		

* (Subject to 7% increase under new rental system)

PUBLIC WORK
 EXP. ST.

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<u>Instructors & Assistants.</u>		<u>Rate</u>	<u>College</u>	<u>Public Work</u>	<u>Expt. Station</u>
1..Inst. in Math.....	(Wells)*	\$1,000	\$1,000	\$	\$
2..Inst. in Wood Work.....	(Pote)*	900	900		
3..Inst. in F. & F.....	(Sylvester)	900	900		
4..Inst. in Drawing.....	(Harris)*	900	900		
5..Inst. in Drawing.....	(Birch)*	1,000	1,000		
6..Inst. in Physics.....	(Speas)*	1,200	1,200		
7..Inst. in Bot & Bact.....	(Rosenkrans)*	1,200	1,200		
8..Inst. in Chemistry.....	(Pearce)*	1,200	1,200		
9..Asst. in Ent.....	(Anderson)*	900		900	
10..Asst. in Chemistry.....	(Freeman)	1,200	600	600	
11..Asst. in Agron. & F.Mach.	(Lowery)*	1,200	1,200		
12..Asst. in Horticulture.....	(Niven)	1,200		1,200	
13..Asst. to Botanist.....	(Auld)*	1,200			1,200
14..Asst. to Agronomist.....	(Tarbox)*	1,200			1,200
15..Asst. to Animal Husb'y...	(Rouse)*	1,000			1,000
16..Asst. in Chemistry.....	(King)*	800	200		600
<u>Misc. Elected Officers.</u>					
17..Prof. Emeritus Chemistry.	(Hardin)	1,000	1,000		
18..Sec-Treas. Emeritus.....	(P.H.E.S)	1,000	1,000		
19..Prof. Emer. Eng.....	(Furman)	1,000	1,000		
20..Agriculturist Publicist..	(Rittenberg)*	1,200		1,200	
21..Secretary-Treas.....	(Evans)	1,800	1,600		200
22..Bookkeeper.....	(Key)	1,500	1,500		
23..Asst. BOOKkeeper.....	(Carroll)	1,200	1,200		
24..Asst. to President.....	(Lit' John)	1,500	1,500		
25..Librarian.....	(Trescot)*	700	700		
26..Asst. Librarian.....	(Porcher)*	625.00	625		
27..Mailing Clerk.....	(Hook)*	500			600
28..Supt. Ext. Wk. & F. Inst.	(Long)	1,500		1,500	
29..Sec. Fert. Dept.....	(S'House)	1,700		1,700	
30..Chemist, Fert. Analy.....	(Robertson)	1,700		1,700	
31..Asst. Chem. Fert. Anal....	(Inman)*	1,200		1,200	
32..Asst. Chem. Fert. Anal....	(Lykes)*	1,200		1,200	
33..Asst. Chem. Fert. Anal....	(Foy)*	1,100		1,100	
34..Asst. State Vet.....	(Feeley)*	1,700		1,700	
35..Supt. Coast Expt. Sta....	(Goodwin)	1,200		1,200	
36..Supt. pee Dee Sta.....	(Currin)	1,700		1,700	
37..Expt. Field Ent.....	(Eagerton)*	1,000		1,000	
38..Expt. Field Path.....	(Watson)*	800		800	
39..Quarter Master.....	(H.A. Sloan)	500	500		
40..Military Asst.....	(Duckett)*	1,000	1,000		
<u>Miscellaneous - Not Elected.</u>					
41..Sten - Pres. Office.....	(M.L.S)*	800	800		
42..Sten - Expt. Station.....	(H.C.B)*	800			800
43..Sten. - Agrl. Dept.....	(E.M.S)*	766.66	766.66		
44..Sten - Fert. Dept.....	(M.E.C)*	800		800	
45..Sten - Engr. Dept.....	(P.M.H)*	700	700		
46..Sten - Ext. Div.....	(E.R.R)*	600		600	
47..Clerk - Com'dt's Office..	(Elmore)*	800	800		
48..Foreman - Expt. Sta. Farm.	(Gillison)	1,200			1,200
49..Supt. C. & R. Div.....	(Hewer)*	1,000	1,000		
50..Supt. Convicts.....	(Lewis)	1,200	1,200		
<u>TOTALS.....</u>		<u>\$136,591.67</u>	<u>\$94,641.67</u>	<u>\$25,550.00</u>	<u>\$16,400.00</u>

* Subject to 7% increase - new rent system.
 24 - \$200 additional from Cadet Fund.
 39 - \$500 additional from Cadet Fund.

NOTE:- Appropriations for
 Salaries 1913-14 = \$142,
 " 1914-15 = 136

Difference = \$

\$ 57
 PUBLIC WORK
 EXP. ST.

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PART II.

NEW APPROPRIATIONS, BUILDINGS, EQUIPMENT, ETC.

TOTAL.....\$ 49,741.01

<u>Agricultural Committee</u>	<u>Recommended</u>	<u>Committee Action</u>
Agricultural Department.....	\$ 9,591.79	_____
Pee Dee Station.....	2,300.00	_____
Coast Station.....	1,040.00	_____
Campus and Roads.....	1,700.00	_____
 <u>Finance Committee.</u>		
Engineering Department.....	4,875.40	_____
Heat, Light and Water.....	2,115.00	_____
Textile Department.....	1,305.00	_____
Printery.....	60.00	_____
President's Office.....	150.00	_____
Academic Department.....	856.00	_____
Chemical Department.....	761.00	_____
Library.....	379.21	_____
Hospital.....	201.25	_____
Miscellaneous.....	1,260.00	_____
 <u>Executive Committee. (Cons. & Repairs)</u>		
New Work.....	8,386.70	_____
Repairs Pub. Buildings.....	\$ 5,675.26	
Personal Requests.....	2,165.18	
Repairs to Residences.....	739.22.....	16,966.36
Military Department.....	920.00	_____
 <u>Full Board.</u>		
New Positions.....	2,860.00	_____
Increases in Salaries.....	2,400.00	_____
	<u>TOTAL...\$ 49,741.01</u>	_____

EQUIP+BLDS
PUBLIC WORK
EXPT

(FOR CONSIDERATION BY AGRICULTURAL COMMITTEE)
(FOR CONSIDERATION BY AGRICULTURAL COMMITTEE)

AGRICULTURAL DEPARTMENT.

Recommended by
Direc. & Pres.

Approved
by Com.

	Recommended by Direc. & Pres.	Approved by Com.
<u>Office & Unclassified Division</u>		
1..Shades for Windows.....	\$ 20.00	<input checked="" type="checkbox"/>
2..Master Keys for Outside Locks.....	3.00	<input checked="" type="checkbox"/>
3..Gratings for Glass Doors.....	20.00	<input checked="" type="checkbox"/>
4..Staining Lab'y Floors with Dust Suppressor.	20.00	<input checked="" type="checkbox"/>
5..Student Toilet in Basement.....	125.00	<input checked="" type="checkbox"/>
6..Fire Proof Vault, 8' x 16', (W.Terrace)....	269.79	<input checked="" type="checkbox"/>
<u>Botany & Bacteriology Division.</u>		
<u>Agronomy Division.</u>		
7..Additional Frt. on Loaned Mach.....	100.00	<input checked="" type="checkbox"/>
8..Field Crop Collection.....	25.00	<input checked="" type="checkbox"/>
9..Desk & Tables from Crop Lab'y.....	50.00	<input checked="" type="checkbox"/>
10..Bulletin Boxes.....	20.00	<input checked="" type="checkbox"/>
11..Equipment for Farm Mach. Bldg.....	100.00	<input checked="" type="checkbox"/>
12..Feed Stuff (Breeding Project).....	1,500.00	<input checked="" type="checkbox"/>
13..Labor (Breeding Project).....	600.00	<input checked="" type="checkbox"/>
14..Implements.....	150.00	<input checked="" type="checkbox"/>
15..Shades for Class Room Windows.....	30.00	<input checked="" type="checkbox"/>
16..Frames for Dairy Records.....	50.00	<input checked="" type="checkbox"/>
17..Stereoptican.....	180.00	<input checked="" type="checkbox"/>
18..Lantern Slides and Case.....	50.00	<input checked="" type="checkbox"/>
19..Dairy Wagon.....	150.00	<input checked="" type="checkbox"/>
20..Tread Power for Bulls.....	75.00	<input checked="" type="checkbox"/>
21..Herd Pedigree Books for Classes.....	50.00	<input checked="" type="checkbox"/>
22..Calf Barn.....	1,600.00	<input checked="" type="checkbox"/>
23..Lavatory in Dairy Building.....	38.00	<input checked="" type="checkbox"/>
24..Ladies Toilet, 1st Floor.....	56.00	<input checked="" type="checkbox"/>
<u>Poultry Husbandry (Included in A. H. & D. Div)</u>		
25..Equipment.....	1,000.00	<input checked="" type="checkbox"/>
26..Feeds.....	200.00	<input checked="" type="checkbox"/>
27..Labor.....	360.00	<input checked="" type="checkbox"/>
28..Salary (See New Positions, \$800).....		
22..Soils and Misc. Apparatus.....	50.00	
23..Road in Soil Laboratory.....	50.00	
	\$ 9,591.79	

PUBLIC WORK
EXPT.

(FOR CONSIDERATION BY AGRICULTURAL COMMITTEE)

PES DER STATION.

Recommended by
Direc. & Pres.

Approved
By Com.

Horticultural Division

	Recommended by Direc. & Pres.	Approved by Com.
1..Tools for Class Use.....	\$ 50.00	✓
2..Spraying Apparatus.....	25.00	✓
3..Tools and Implements.....	50.00	✓
4..Laboratory Equipment.....	75.00	✓
5..Cannery Equipment.....	50.00	✓
6..Hot Beds and Cold Frames.....	25.00	✓
7..Barn at Hort. Grounds.....	400.00	✓

Botany & Bacteriology Division.

8..Students' Desks and Lockers.....	50.00	✓
9..Microscopes for Classes.....	350.00	✓

Veterinary Science Division.

10..Extending Hospital Stable.....	800.00	✓
11..Dissecting Room.....	100.00	✓
12..Reprs & Additions to Hospital Stalls.....	100.00	✓
13..Painting in Laboratories.....	25.00	✓
14..Fencing Materials.....	125.00	✓

Entomology & Zoology Division.

15..Four Microscopes and Repairs.....	150.00	✓
16..Insect Cases in Lab'y.....	50.00	✓
17..Additional Labor.....	150.00	✓

Geology & Mineralogy Division.

18..Lantern Slides.....	10.00	✓
19..Maps and Folios.....	25.00	✓
20..Class Room Equipment.....	25.00	✓
21..Shelter for Weather Insts.....	15.00	✓

Chemistry Division.

22..Soils and Misc. Apparatus.....	50.00	✓
23..Hood in Soil Laboratory.....	50.00	✓

\$ 9,591.79

PUBLIC WORK
EXPT.

(FOR CONSIDERATION BY AGRICULTURAL COMMITTEE)

ENGINEERING DEPARTMENT.

	Recommended by Direc. & Pres.	Approved by Com.
<u>Office & Unclassified Division.</u>		
<u>PEE DEE STATION.</u>		
1..Completion of Supt's House.....	\$ 1,100.00	✓
2..Laborer's House.....	400.00	✓
3..Tool Shed.....	300.00	✓
4..Tools and Implements.....	500.00	✓
5..Steam Trap.....	\$ 2,300.00	
6..Brake for Engine.....	175.00	
7..Gas	10.00	
<u>COAST STATION.</u>		
8..Impact Testing Machine.....	250.00	
5..One-third Cost of Thrasher.....	75.00	✓
6..Half Cost Shredder Shredder.....	80.00	✓
7..Kerosene Engine.....	235.00	✓
8..Laborers' Houses (2).....	400.00	✓
9..Cement for Stall Partitions.....	50.00	✓
10..Live Stock.....	200.00	✓
11..Interpole Motor.....	\$ 1,040.00	
12..Four Low Reading Ammeters.....	50.00	
13..One Voltmeter.....	30.00	
14..Small Motor for Junior Lab'y.....	30.00	
11..Recovering Farm Barns, Stables,) cribs, etc.....	\$ 1,000.00	To be paid out of profits 1913-14, and 1914-15.
12..Cotton House.....	200.00	
13..Gen'l Farm Imp'ments.....	1,000.00	
14..Dikeing Lewis Bottom.....	500.00	

Civil Engineering Division.

<u>CAMPUS AND ROADS.</u>		
21..Small Glass Case.....	52.00	✓
22..Three Levels for Classes.....	212.50	✓
15..Cement Walks and Improvements.....	1,500.00	✓
16..Concrete Mixer.....	150.00	✓
17..Cement Horse Watering Trough Near Agr.Hall	50.00	✓
23..Prismatic Compass.....	24.00	
27..Sextant.....	\$ 1,700.00	
28..Level Rods for Classes.....	40.00	
29..Flag Poles for Classes.....	12.00	
30..Racks in Instru	10.00	
<u>ADDITIONS BY COMMITTEE.</u>		

18.. <i>Add to Item 5</i>	<i>\$ 150.00</i>	✓
19.. <i>Add to Item 6</i>	<i>80.00</i>	✓
20.. <i>Class, rot, pasture etc</i>	<i>500.00</i>	✓
21.. <i>Deepening Rump Over</i>	<i>1000.00</i>	✓
22.. <i>Additional for Coast Sta</i>	<i>\$ 1730.00</i>	<i>\$ 1730.00</i>

24.. <u>Machine Shop Division.</u>		
25.. Boring Mill.....	1,000.00	
26..		
27..		

PUBLIC WORK EXPST

(FOR CONSIDERATION BY FINANCE COMMITTEE)

(FOR CONSIDERATION BY FINANCE COMMITTEE)

ENGINEERING DEPARTMENT.

Recommended by
Direc. & Pres.
Approved
by Com.

Office & Unclassified Division.

1..Office Furniture.....	\$ 40.00	.....	✓
2..Reflectroscope for Department.....	350.00	.....	✓
3..Delegate to Soc. Pro. Eng. Ed.....	50.00	.....	✓

Mechanical Engineering Division.

4..Compressometer.....	90.00	.....	✓
5..Steam Trap.....	10.00	.....	✓
6..Brake for Engine.....	175.00	.....	✓
7..Gas Meter.....	10.00	.....	✓
8..Impact Testing Machine.....	250.00	.....	✓

Electrical Engineering Division.

9..Office Desk.....	43.00	.....	✓
10..Oscillograph Outfit.....	565.00	.....	✓
11..Home Made Apparatus.....	40.00	.....	✓
12..Interpole Motor.....	260.00	.....	✓
13..Four Low Reading Ammeters.....	70.00	.....	✓
14..One Low Reading Voltmeter.....	80.00	.....	✓
15..Small Motor for Junior Lab'y.....	30.00	.....	✓
16..D. C. Voltmeter.....	32.50	.....	✓
17..Rheostat for Junior Lab'y.....	20.00	.....	✓
18..Galvanometer.....	50.00	.....	✓
19..Battery Shed for Junior Lab'y.....	110.00	.....	✓
20..Changes in Class Room for Crane.....	35.00	.....	✓

Civil Engineering Division.

21..Small Apparatus for Class Use.....	292.90	.....	✓
22..Three Levels for Classes.....	212.50	.....	✓
23..Completion of Tower Room.....	25.00	.....	✓
24..Additional Class Room Benches.....	20.00	.....	✓
25..Fuller Slide Rule.....	24.00	.....	✓
26..Prismatic Compass.....	24.00	.....	✓
27..Box Sextant.....	34.00	.....	✓
28..Level Rods for Classes.....	40.50	.....	✓
29..Flag Poles for Classes.....	12.00	.....	✓
30..Racks in Instrument Rooms.....	10.00	.....	✓

Drawing & Designing Division.

31..Blue Print Frame on Truck.....	15.00	.....	✓
32..Additional Lockers.....	85.00	.....	✓
33..Equipment for Architectural Course.....	125.00	.....	✓
34..Locker Room Over Forge Shop.....	95.00	✓

Forge & Foundry Division.

35..Supply Room.....	200.00	✓
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Machine Shop Division.

36..Boring Mill.....	1,050.00	✓
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\$ 856.00

PUBLIC WORK
EXP. ST.

(FOR CONSIDERATION BY FINANCE COMMITTEE)

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	<u>Recommended by</u> <u>Direc. & Pres.</u>	<u>Approved</u> <u>by Com.</u>
<u>Wood Shop Division.</u>		
1..Work Benches.....	\$ 60.00	<input checked="" type="checkbox"/>
2..New Vises	80.00	<input checked="" type="checkbox"/>
3..Additional Lathes.....	360.00	<input checked="" type="checkbox"/>
4..Case with glass doors.....	***	
5..Plumbing & Gas Fittings.....	\$4,875.40	<input checked="" type="checkbox"/>
<u>HEAT, LIGHT & WATER DIVISION.</u>		
4...Ammonic Indicator.....	90.00	<input checked="" type="checkbox"/>
5..Additional Water Supply.....	1,500.00	<input checked="" type="checkbox"/>
6..Campus Lighting.....	500.00	<input checked="" type="checkbox"/>
7..Sewer Line to Schilletter's.....	25.00	<input checked="" type="checkbox"/>
8..Hood or Fume Closet (Ammonia Room).....	\$ 2,115.00	<input checked="" type="checkbox"/>
9..Extension of Work Table (*** Room).....	***	
10..Hood or Fume Closet (Potash Room).....	85.00	<input checked="" type="checkbox"/>
11..Hood or Fume Closet (Steam Potash Room).....	12.00	<input checked="" type="checkbox"/>
<u>TEXTILE DEPARTMENT.</u>		
8..Filing Cabinet for Office.....	28.00	<input checked="" type="checkbox"/>
9..Typewriter.....	85.00	<input checked="" type="checkbox"/>
10..Completion of Work in Dye Room.....	130.00	<input checked="" type="checkbox"/>
11..Dyeing Cans.....	275.00	<input checked="" type="checkbox"/>
12..Drain from Dye Room.....	15.00	<input checked="" type="checkbox"/>
13..Bleaching Plant.....	400.00	<input checked="" type="checkbox"/>
14..Window Shades.....	12.00	<input checked="" type="checkbox"/>
15..Mill Boy Helper.....	360.00	<input checked="" type="checkbox"/>
16..Filing Cabinets (3).....	\$ 1,305.00	<input checked="" type="checkbox"/>
17..Membership Dues in Socie ***	***	
<u>PRINTERY.</u>		
16..Cabinet for Cuts and Engravings.....	60.00	<input checked="" type="checkbox"/>
<u>HOSPITAL.</u>		
<u>PRESIDENT'S OFFICE.</u>		
17..Furniture and Equipment.....	150.00	<input checked="" type="checkbox"/>
18..Base Burner.....	7.00	<input checked="" type="checkbox"/>
19..Tub and Heater.....	***	
<u>ACADEMIC DEPARTMENT.</u>		
<u>English Division.</u>		
18..Reference Books.....	30.00	<input checked="" type="checkbox"/>
19..Dictionary & Stand.....	17.50	<input checked="" type="checkbox"/>
20..Picture Frames - Class Room.....	26.50	<input checked="" type="checkbox"/>
21..Pictorial Bulletin.....	75.00	<input checked="" type="checkbox"/>
22..Membership of College in Nat'l Association.....	80.00	<input checked="" type="checkbox"/>
<u>History Division.</u>		
21..Reference Books for Class Use.....	50.00	<input checked="" type="checkbox"/>
22..Extensions of Telephone System.....	***	
<u>Mathematics Division.</u>		
22..Two Additional Arm Rest Benches.....	20.00	<input checked="" type="checkbox"/>
23..Models for Instruction.....	18.00	<input checked="" type="checkbox"/>
24..24 Tables for Classes in Bookkeeping.....	60.00	<input checked="" type="checkbox"/>
25..Physios Division.		
25..Electrical Apparatus for Classes.....	363.00	<input checked="" type="checkbox"/>
26..Blackboards and Screens.....	55.00	<input checked="" type="checkbox"/>
27..Small Laboratory Tools and Appa.....	156.00	<input checked="" type="checkbox"/>
28..Adapting Additional Room (Holmes').....	60.00	<input checked="" type="checkbox"/>
	\$ 856.00	

PUBLIC WORK
EXP. ST.

(FOR CONSIDERATION BY FINANCE COMMITTEE)

	<u>Recommended by</u> <u>Direc. & Pres.</u>	<u>Approved</u> <u>by Com.</u>
CHEMICAL DEPARTMENT.		
1..Additional Blacksboards, Jr. & Soph.Lab'y..\$	44.50	✓
2..Overhauling Plumbing.....	75.00	✓
3..Two Work Tables, Jr. Lab'y.....	25.00	✓
4..Case with Glass Doors.....	35.00	✓
5..Plumbing & Gas Fittings.....	7.00	✓
6..Hood.....	3.00	✓
7..Arranging Physical Chem. Lab'y.....	75.00	✓
8..Area Walls About Chem. Lab'y.....	270.00	✓
9..Hoods or Fume Closets, Water Analysis.....	25.00	✓
10..Plumbing & Gas Fitting, Water Analysis.....	7.00	✓
11..Fume Hood, Pipe, (Ammonia Room).....	15.00	✓
12..Hood or Fume Closet(Ammonia Room).....	65.00	✓
13..Extension of Work Table (Ammonia Room).....	10.00	✓
14..Hood or Fume Closet (Potash Room).....	65.00	✓
15..Water Baths with Steam (Potash Room).....	12.00	✓
16..Water Baths (Nitrogen Room).....	6.00	✓
17..Completion of Case for Fert. Exhibit.....	21.50	✓
	<u>\$ 761.00</u>	
LIBRARY.		
18..Vacuum Cleaner.....	50.00	✓
19..Rug for Office.....	10.00	✓
20..Library Catalogue (Bal. Due).....	50.71	✓
21..Filing Cabinets (3).....	108.50	✓
22..Membership Dues in Societies.....	100.00	✓
23..Book Stacks.....	60.00	✓
	<u>\$ 379.21</u>	
HOSPITAL.		
24..Furniture for Matron's Room.....	55.75	✓
25..Furniture for Dining Room.....	73.50	✓
26..Base Burner.....	65.00	✓
27..Tub and Heater.....	7.00	✓
	<u>\$ 201.25</u>	
MISCELLANEOUS.		
28..Gymnasium Apparatus.....	25.00	✓
29..Cases for Museum.....	25.00	✓
30..Home Coming Expenses.....	500.00	✓
31..Pictorial Bulletin.....	250.00	✓
32..Membership of College in Nat'l Association.	75.00	✓
33..Telephone Booth (College Hall).....	60.00	✓
34..Supply Closet under Stairs.....	25.00	✓
35..Extensions of Telephone System.....	300.00	✓
	<u>\$ 1,260.00</u>	
ADDITIONS BY COMMITTEE.		
36..Cement Steps (Textile Building).....	\$ 54.50	✓
37..Protecting Against Seepage, (Text. Bldg)...	28.00	✓
38..Internal Changes & Additions, (Post Office)	25.00	✓
39..New Gutters (Pow. House).....	8.00	✓
40..Moving & Recovering & Ext.(Lumber Sup.House)	25.00	✓
41..Cement Steps for Gymnasium.....	8.00	✓
42..Cement Platform for Slop Case (Kitchen)....	10.00	✓
43..Wall Between Warls and Power.....	100.00	✓
44..Plaza, End Story (H. Annex).....	225.00	✓
45..Partial Latticing Hotel Annex.....	50.00	✓
46..Rear Kitchen Porch (Hotel).....	40.00	✓
47..Fire Escape Case (Hotel).....	3.00	✓
48..	\$ 5,693.25	

PUBLIC WORK
EXPT

(FOR CONSIDERATION BY EXECUTIVE COMMITTEE)

FOR CONSIDERATION BY EXECUTIVE COMMITTEE

CONSTRUCTION & REPAIR DIVISION.

New Work & Buildings.

Recommended by
Direc. & Pres.

Approved
by Com.

1..Converting Old Hosp. into 4 Apartments.....	\$ 3,052.70	.....	✓
2..Developments, College Bldg. (Ordered).....	3,500.00	.....	✓
3..Athletic Dressing Room.....	600.00	.....	✓
4..Additional Room to School (Ordered).....	634.00	.....	✓
5..Two Servant Houses for Barracks Help.....	600.00	.....	✓
	<u>\$ 8,386.70</u>		

Changes & Additions to Residences
Not Subject to 10% Increase

Repairs to Public Buildings.

6..Paint and Kal. Halls & Class Rooms (Agr. Hall)	555.76	.....	✓
7..Replaster 1st Floor (Barracks #1).....#	1,550.40	.....	✓
8..Kalsomine Halls (Barracks #1).....	77.46	.....	✓
9..Painting Woodwork in Halls (Barracks #1)...	168.00	.....	✓
10..Two Flights Concrete Steps (Mess Hall).....	520.72	.....	✓
11..Kalsomining Rooms (Barracks #2).....	101.25	.....	✓
12..Painting & Kalsomining (Barracks #3).....	484.00	.....	✓
13..New Gangway Floor (Barracks #3).....	68.50	.....	✓
14..Renewal of Stairs Vestibule (College Bldg).	24.17	.....	✓
15..Pair Steps Porte Cochere (College Bldg)....	8.61	.....	✓
16..Ventilator Flues Class Rooms (College Bldg)	50.00	.....	✓
17..Repairs to Stair Cases (College Bldg).....	69.00	.....	✓
18..New Stair-case, S. End, (College Bldg).....	226.64	.....	✓
19..Inside Painting & Kalsomining, (Chapel)....	293.00	.....	✓
20..Water Proofing Walls (Dairy).....	50.00	.....	✓
21..Painting Tin Roofs (Engr. Bldgs).....	191.00	.....	✓
22..Painting Tin Roof (Elec. Lab'y).....	52.00	.....	✓
23..Window Weights (Jr. Elec. Lab'y).....	20.00	.....	✓
24..New Roof (Hospital).....	182.50	.....	?
25..New Roof Servant House (Hospital).....	44.00	.....	✓
26..Painting Tin Roof (Laundry).....	15.75	.....	✓
27..Cement Steps (Textile Building).....	80.00	.....	✓
28..Protecting Against Seepage, (Text. Bldg)...	20.00	.....	✓
29..Internal Changes & Additions, (Post Office)	34.50	.....	✓
30..New Gutters (Power House).....	36.00	.....	✓
31..Moving & Recovering & Ext. (Lumber Sup. House)	325.00	.....	✓
32..Cement Steps for Commissary.....	8.00	.....	✓
33..Cement Platform for Slop Cans (Kitchen)....	10.00	.....	✓
34..Well Between Earle and Powers.....	100.00	.....	✓
35..Piazza, 2nd Story (N. Annex).....	236.00	.....	✓
36..Partial Latticing Hotel Annexes.....	30.00	.....	✓
37..Rear Kitchen Porch (Hotel).....	40.00	.....	✓
38..Fire Hose Case (Hotel).....	3.00	.....	✓
	<u>\$ 5,693.26</u>		

5,675.26

PUBLIC WORK
EXP. ST.

(FOR CONSIDERATION BY EXECUTIVE COMMITTEE)

Personal Requests for Additions & Changes - To Add 10% to Rent.

Recommended by Direc. & Pres.

Approved by Com.

1..Additional Room (Barre).....	\$ 297.36	<input checked="" type="checkbox"/>
2..Four Doors in Hall (Daniel).....	20.75	<input checked="" type="checkbox"/>
3..Pantry Between Dining R. & K. (Furman)....	30.00	<input checked="" type="checkbox"/>
4..Pair Double Doors (Mitchell) ..\$ 24.50			
5..Additional Room (Mitchell) .. 354.00..			
6..Enlarging Kitchen (Mitchell) .. 125.00			
7..Plumbing (Mitchell) .. 9.00..	512.50	<input checked="" type="checkbox"/>
8..New Room & Additional Windows (Poats)....	353.36	<input checked="" type="checkbox"/>
9..Extension of Porch (Poats).....	241.99	<input checked="" type="checkbox"/>
10..Lattice and Bannisters (Powers)....	76.00	<input checked="" type="checkbox"/>
11..New Room & 2nd Story on Rear Porch (Newman)	443.22	<input checked="" type="checkbox"/>
12..Extension of Porch (Lee).....	190.00	<input checked="" type="checkbox"/>

\$ 2,165.18

Changes & Additions to Residences Not Subject to 10% Increase

13..Dormer Ventilator in Roof (Newman).....	70.00	<input checked="" type="checkbox"/>
14..Ceil Servant House (Doggett).....	55.00	<input checked="" type="checkbox"/>
15..Ceil Servant House (Harper).....	59.75	<input checked="" type="checkbox"/>
16..Additional Room (Laborer Pickett) 300.00			<input checked="" type="checkbox"/>
17..Partition (Laborer Pickett) 30.00			<input checked="" type="checkbox"/>
18..Toilet Room (Laborer Pickett) 12.00			<input checked="" type="checkbox"/>
19..Plumbing & Connection (Laborer Pickett) ..48.85			<input checked="" type="checkbox"/>
20..New Step Treads (Poats).....	7.75	<input checked="" type="checkbox"/>
21..Painting in Halls (Riggs).....	25.00	<input checked="" type="checkbox"/>
22..Pantry Window (Robertson)....	5.00	<input checked="" type="checkbox"/>
23..Toilet Room (Gordon).....	15.00	<input checked="" type="checkbox"/>
24..Plumbing & Connection (Gordon).....	85.87	<input checked="" type="checkbox"/>
25..Repairs to House (Henderson)....	25.00	<input checked="" type="checkbox"/>

\$ 739.22

MILITARY DEPARTMENT.

26..Band Instruments.....	700.00	<input checked="" type="checkbox"/>
27..Office Equipment.....	100.00	<input checked="" type="checkbox"/>
28..Five New Double Beds.....	70.00	<input checked="" type="checkbox"/>
29..Flags.....	20.00	<input checked="" type="checkbox"/>
30..Sabres for Four Cadet Majors.....	30.00	<input checked="" type="checkbox"/>

\$ 920.00

ADDITIONS BY COMMITTEE.

31..	-----	-----	-----
32..	-----	-----	-----
33..	-----	-----	-----
34..	-----	-----	-----
35..	-----	-----	-----
36..	-----	-----	-----

PUBLIC WORK EXPST

N-E-W P-O-S-I-T-I-O-N-S,

<u>Title of Position.</u>	<u>Proposed Salary</u>	<u>Rec.by</u>	<u>Approved By Pres.</u>	<u>Board Action</u>
st. Arch. Engr.....	\$1,200.00	Earle.....	Yes	<u>Yes.</u>
ad. Asst. (Hort. Div).....	480.00	Harper.....	Yes	<u>Yes</u>
ad. Asst. (Bot. Div).....	480.00*	Harper.....	Yes	<u>Yes</u>
ultry Husbandman.....	800.00	Harper.....	Yes	<u>Yes</u>
	<u>\$ 2,860.00</u>			

* To be paid \$1,000 additional from Lever Bill Funds.

I-N-C-R-E-A-S-E-S I-N S-A-L-A-R-Y.

<u>Title</u>	<u>Name</u>	<u>Increase</u>	<u>Rec.by</u>	<u>Approved By Prest.</u>	<u>Board Action</u>
brarian.....	Trescot.....	\$700 - 1,000	W.M.R.....	Yes	<u>900.</u>
of. Bot. etc.....	Barre.....	2000 - 2,500	Harper.....	Yes	<u>2500.</u>
Asst. S. Vet.....	Barnett.....	1,200 - 1,500	Harper.....	Yes	<u>1400.</u>
st. in Hort.....	Niven.....	1,200 - 1,500	Long.....	Yes	<u>1400.</u>
of. Vet. Sci.....	Powers.....	2,000 - 2,300	Harper.....	?	<u>no</u>
ilitary Asst.....	Duckett.....	1,000 - 1,100	Cummins.....	No	<u>no</u>
pt. Coast Sta.....	Goodwin.....	1,200 - 1,500	Harper.....	No	<u>1500.</u>
emist.....	Foy.....	1,100 - 1,200	Brackett.....	Yes	<u>1200.</u>
st. in Chem.....	Freeman.....	1,200 - 1,300	Brackett.....	?	<u>1300.</u>
st. in Forge W.....	Sylvester..	900 - 1,000	Earle.....	Yes	<u>1000</u>
st. in Draw.....	(Birch.....	1,000 - 1,200	Earle.....	Yes	<u>1200</u>
st. Prof.....	McSwain.....	1,500 - 1,700	Doggett.....	Yes	<u>1700</u>
st. Prof.....	Gantt.....	1,500 - 1,700	Earle.....	Yes	<u>1700</u>
st. Prof.....	Howard.....	1,500 - 1,700	Earle.....	Yes	<u>1700</u>
Total Recommended.....		\$ 3,200			
Recommended.....		\$ 2,400			
Undecided.....		\$ 400			

(See Also Prof. Martin's Letter) *Recd as information +*

FROM STATION FUNDS.

st. in Ani. Husb..	Rouse.....	1,000 - 1,200	Harper.....	Yes	<u>1200,</u>
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FROM RE-INVESTMENT.

pt. Farm.....	Brandon.....	1,200 - 1,500	Harper.....	Yes	<u>1500.</u>
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Receipts from sales in addition.

PUBLIC WORK
EXPT

98

S-T-A-T-E W-O-R-K = \$93,610.00

1..Scholarships and Advertisements.....\$ 22,500.00

Fertilizer Inspection.

2..Salaries.....	\$ 2,500.00	
3..Labor - Janitor.....	240.00	
4..Tags and Printing.....	3,400.00	
5..Pay & Travel of 13 Inspectors.....	12,000.00	
6..Printing & Mailing Weekly Bulletins...	1,000.00	
7..Freight, Postage and Incidentals.....	1,000.00	
8..Legal Services.....	750.00	
9..Condensed Fertilizer Bulletin.....	700.00	
10..Inspectors' Cases, Trunks, etc.....	200.00	
11..Repairs to Elevator, Interior, etc....	200.00	
12..Office Furniture and Fixtures.....	50.00	22,040.00

Chemical Analysis.

13..Salaries.....	9,400.00	
14..Apparatus.....	700.00	
15..Chemicals.....	750.00	
16..Gasoline.....	350.00	
17..Record Books, Postage, Stationery, etc	150.00	
18..Charcoal.....	10.00	
19..Replacing Old Sinks.....	20.00	
20..Incidentals.....	50.00	
21..Labor - Janitor.....	120.00	
22..Extra Help in Lab'y and Office.....	400.00	
23..Additional Supplies, Labor, etc.....	600.00	
24..Delegates to Assoc. Off. Agr'l Chem...	60.00	12,610.00

Extension Division - Agr'l Dep't.

25..Salaries.....	5,300.00	
26..Field Demonstration.....	1,000.00	
27..Ext. Wk. & Farmers' Institutes.....	2,500.00	
28..Postage, Stationery & Publications....	800.00	
29..Office & Clerical Assistance.....	600.00	
30..Contribution to Demonstration Work....	10,000.00	20,200.00

Tick Eradication - Agr'l Dep't.

31..General Expense of Eradication.....	1,000.00	1,000.00
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Veterinary Inspection - Agr'l Dep't.

32..Salaries.....	2,450.00	
33..Travel, Printing & Office Expenses....	1,000.00	
34..Legal Expenses.....	50.00	
35..Hog Cholera Serum Work.....	500.00	
36..Graduate Student Assistant.....	480.00	4,480.00

Crop Pest Commission.

37..Salaries.....	1,100.00	
38..Legal Expenses.....	100.00	
39..Tags (Loan Fund).....	130.00	
40..Expenses of Entomologist.....	400.00	
41..Expenses of Pathologist.....	250.00	
42..Office Fixtures & Lab'y Equipment....	80.00	2,060.00

Co-operative Experimental Work.

1..Salary (Botanist).....(Bot.Div).....	\$ 800.00	
2..Traveling Exp. Bot & Asst.....(" ").....	400.00	
3..Student Labor.....(" ").....	100.00	
4..Printing, Postage, Sta. etc.....(" ").....	100.00	
5..Seeds & Field Sup's, Wilk work.(" ").....	50.00	
6..Salary, Field Entomologist.....(Ent.Div).....	<u>1,000.00</u>	...\$ 2,450.00

Pee Dee Station.

7..Salary of Superintendent.....	1,700.00	
8..Tools and Implements.....	<u>500.00</u>	... 2,200.00
9..Labor.....\$ 2,000) To be paid from		
10..Fertilizers.....2,000) receipts of		
11..Contingent & Misc.....500) Station.		

(Experiment Station pays for Graduate Student Assistant, \$480.00 in addition to above.)

Coast Station.

12..Salary of Superintendent.....	1,200.00	
13..Forestry Experiments.....	50.00	
14..Orchard & Vineyard Expts, 4 acres.....	100.00	
15..Grass Experiments, 1 acre.....	50.00	
16..Mowing Machine.....	45.00	
17..Co-operative Work.....	<u>25.00</u>	... 1,470.00

(Experiment Station contributes \$600.00 for labor in addition.)

(Other routine running expenses paid from receipts of Station.)

Miscellaneous.

18..State Fair Exhibit.....	700.00	
19..Travel & Entertainment of Leg. Coms. etc.....	500.00	
20..State Fair Encampment.....	400.00	
21..Popular Bulletins (3).....	300.00	
22..Textile Extension Work.....	150.00	
23..Contribution to Expenses of Local School.....	400.00	
24..Agricultural Journal.....	<u>150.00</u>	... 2,600.00

TOTAL PUBLIC STATE WORK - RUNNING EXPENSES.....\$ 93,610.00

EXPT

S-A-L-A-R-I-E-S

P-U-B-L-I-C S-T-A-T-E W-O-R-K

SCALE 1914 - 1915.

Fertilizer Inspection & Analysis.

Secretary of Division.....	Stackhouse.....	\$ 1,700.00	
Chief Chemist (Part Salary).....	Brackett.....	1,250.00	
Chemist (Part Salary).....	Henry.....	850.00	
Chemist (Part Salary).....	Lipscomb.....	750.00	
Chemist (Part Salary).....	Mitchell.....	750.00	
Chemist (Part Salary).....	Freeman.....	600.00	
Chemist (Entire Salary).....	Robertson.....	1,700.00	
Chemist (Entire Salary).....	Inman.....	1,200.00	
Chemist (Entire Salary).....	Lykes.....	1,200.00	
Chemist (Entire Salary).....	Foy.....	1,100.00	
Stenographer (Entire Salary).....	Miss Gasque.....	800.00	\$ 11,900.00

Veterinary Inspection.

State Veterinarian (Part Salary).....	Powers.....	750.00	
1st Asst. State Vet (Entire Salary).....	Feeley.....	1,700.00	2,450.00

Crop Pest Commission.

Entomologist (Part Salary).....	Conradi.....	500.00	
Pathologist (Part Salary).....	Barre.....	500.00	
Asst. Ent'st (Part Salary).....	Thomas.....	100.00	1,100.00

Extension & Demonstration Work.

Supt of Ext. & Dem. Work.....	Long.....	1,500.00	
Agricultural Publicist.....	(Rittenberg.....	1,200.00	
Asst. in Horticulture.....	Niven.....	1,200.00	
Asst. in Entomology.....	Anderson.....	800.00	
Stenographer.....	Miss Robertson.....	600.00	5,300.00

Co-operative Experimental Work

Field Entomologist.....	Eagerton.....	1,000.00	
Field Pathologist.....	Watson.....	800.00	1,800.00

Branch Stations.

Supt. Coast Station.....	Goodwin.....	1,200.00	
Supt. Pee Dee Station.....	Currin.....	1,700.00	2,900.00

TOTAL..... 25,450.00

EXPS.T

STATE COLLEGE EXPERIMENT STATION
Hatch and Adams Funds
(Including Sale of Farm Products)

Budget for 1914-1915

SOUTH CAROLINA EXPERIMENT STATION.

Budget 1914 - 1915.

PROSPECTIVE INCOME.

Hatch and Adams Funds.....\$ 30,000.00

Estimated Income from Sales..... 3,500.00

\$ 33,500.00

APPROPRIATIONS PROPOSED IN BUDGET.....\$ 33,364.00

FOR CONSIDERATION BY THE AGRICULTURAL COMMITTEE.

I approve of this Budget in toto _____.

W.M.R.

EXPST

Division of Horticulture.

	<u>Hatch</u>	<u>Adams</u>	<u>Total</u>
..Labor, Including Foreman's Wages.....	\$ 600.00	\$ 800.00	\$ 1,400.00
..Seed, Plants and Supplies.....	100.00	100.00	200.00
..Fertilizers.....	100.00	100.00	200.00
..Chemicals for Spraying.....	25.00	25.00	50.00
..Traveling Expenses.....	25.00	25.00	50.00
..Tools, Implements, Machinery.....	25.00	25.00	50.00
..Spraying Equipment.....	25.00	25.00	50.00
<u>Total - Division of Horticulture.....</u>	<u>\$ 900.00</u>	<u>\$ 1,100.00</u>	<u>\$ 2,000.00</u>

Division of Entomology.

..Labor, Temperature Experiments.....	---	480.00	480.00
..Run. Exp. such as Seeds, Plants, Repairs, Ice, etc.....	---	490.00	490.00
..Traveling Expenses Connected with Wire Worm Investigations...	---	300.00	300.00
..Run. Exp. Wire Work Investigations..	---	305.00	305.00
..Seed, Plants and Supplies.....	150.00	---	150.00
..Equipment.....	---	75.00	75.00
<u>Total - Division of Entomology.....</u>	<u>\$ 150.00</u>	<u>\$ 1,650.00</u>	<u>\$ 1,800.00</u>

Division of Botany.

..Labor.....	100.00	---	100.00
..Grad. Stud. Asst. for Corn Shed'g Work	---	480.00	480.00
..Chemical Supplies.....	---	20.00	20.00
..Seed, Plants and Supplies.....	---	50.00	50.00
..Scientific Apparatus.....	---	50.00	50.00
..Books & Periodicals for Bot'Cal Lib'y	---	50.00	50.00
..Run. Expt. for Anthracnose Investi- gations, Labor & Fertilizers....	---	300.00	300.00
..Equipment.....	---	50.00	50.00
<u>Total - Division of Botany.....</u>	<u>\$ 100.00</u>	<u>\$ 1,000.00</u>	<u>\$ 1,100.00</u>

Division of Chemistry.

..Chemical Supplies.....	---	300.00	300.00
..Chemical Apparatus.....	---	50.00	50.00
..Labor.....	100.00	400.00	500.00
..Books and Journals.....	50.00	---	50.00
<u>Total - Division of Chemistry.....</u>	<u>\$ 150.00</u>	<u>\$ 750.00</u>	<u>\$ 900.00</u>

Division of Animal Husbandry.

..Labor.....	800.00	600.00	1,400.00
..Feed Stuffs, Concentrates.....	700.00	700.00	1,400.00
..Seed, Plants and Supplies.....	75.00	75.00	150.00
<u>Total - Division of Animal Husbandry..</u>	<u>\$ 1,575.00</u>	<u>\$ 1,375.00</u>	<u>\$ 2,950.00</u>

Hatch

Adams

Totals

GRAND TOTALS..... \$ 18,364.00 ..\$ 15,000.00 ..\$ 33,364.00

