Meeting of the State Board of Agriculture

College Park, January 7th, 1903
10.30 A. M.

Present President Manchester, Messrs. Harned, Wells, Allen, Graham and President Snyder.

Minutes of the December meeting were read and the following correction made, after which they were approved: On the recommendation of Prof. Galt, in reference to the payment of expenses of secretaries attending the Peanut-Pea Institute, also the word "paid;" insert the following: "their necessary expenses not exceeding".

Elk

A communication from Prof. Kedrick was presented by the President in reference to the sale of some of the elk. On motion of President Snyder it was voted to sell the two young buck elk.

Assistant at Dairyman's Meeting

On motion it was voted that Mr. Woodrich be employed on behalf of the college to assist at the State Dairyman's Association meeting to be held the first week in February.

Repairing Hort.

A communication from Prof. Kedrick in regard to repairs upon the Horticultural building was referred to the Committee on Botany and Horticulture.

Seed Bulletins

A communication from Dr. Beal in regard to science bulletins was, on motion of President Snyder, referred to the Committee on Experiment Station.

Repairing Guns

In view of Major Benson's desire to have the arms of the Military Department repaired, it was voted to add $50.00 to the appropriation for the Military Department.

Business Report

The Secretary then read the following business report:

To the Honorable State Board of Agriculture.

Gentlemen:-

I herewith present the following business report from my office since the last meeting of the Board:

Application has been made by Hon. Harland of Bath for the purchase of three forty-acre tracts in Secs. 4 and 5

and also one on Lec. 13. He wishes the Board to make a fence on these lands and only makes an offer on one forty, for which he says he will pay $150.00.

The new generator has arrived and is being put into place at this time. We hope to have it running by Saturday.

Considerable trouble has been experienced with the coal supply since your last meeting at which time I called attention to the matter. It has been necessary to go out on the market and buy it where we could, and pay the advanced price. We have a number of cars now on hand and I think no further embarassment will be experienced.

When the apportionment was presented for the coming six months, provision was not made in the cleaning estimate for the salary of two janitors who are paid from the fund. The apportionment should therefore be made the same as for the last period, viz: $1000.00 instead of $900.00.

In the payment of Mr. Longyear's salary, I suggest that inasmuch as he has been made acting botanist of the Experiment Station, $100.00 of his salary be paid from the Experiment Station funds.

Mrs. Kedzie has asked that the question of residence as affecting the payment of tuition on behalf of her daughter who is attending college, be taken up and adjusted. Briefly stated, the facts are that the family went from Michigan to the western states and from there to Mexico. Mr. Kedzie was at first consul there and later engaged in the mines. He remains there and the family are and have been for more than a year, living in Lansing. They own property in Michigan and it is stated that Mr. Kedzie intends returning.

The Bacteriological Stable has been completed, accepted and paid for. A waiver giving possession of the second story of the Bacteriological Laboratory has been secured.

All of which is respectfully submitted

R. M. Sears, Secretary."

Clearing — It was moved and carried that the appropriation for clearing be increased $5.00.

Mr. Longyear's Salary — On motion, $100.00 of Mr. Longyear's salary was voted to be paid from the Experiment Station funds.

On motion of Mr. Wood, the following resolution was adopted:

Leasing land to employees — Resolved that the property of Lincoln to employees of the college lot on a strip of land on the South side of the road leading to Lansing between the second park and a point northward of the President's home be referred to the Committee on grounds and college property. If favorable to such leasing, then said Committee to formulate the conditions, terms, rates, size of lots, character of buildings and their cost and such other requirements as would be for mutual interest and protection to the college and the users.

Adjournment was then taken to 1:30 P. M.

College Board Rooms.
1:30 P. M.

Same members present except Allen.

Recommendation to repair Hort. — The Committee on Botany and Horticulture reported recommending the repairing of the rooms formerly occupied by the Post Office in the Horticultural building and the tool room in accordance with the recommendation of Prof. Hedrick as presented by President Snyder.

On motion of Mr. Wells, the recommendation of the committee was adopted.

Bids for Marble Mk in Bath House — It was moved and carried that the Secretary be instructed to advertise for bids for the marble work in the Bath House in accordance with the plans and specifications to be provided by Architect Bond.

Resolved that whereas Captain Allen has been appointed as a committee to confer with the owners of the property north of the playgrounds relative to the closing of the drain crossing the college campus:

On motion of Mr Monroe, the following resolution was adopted:

And whereas Captain Allen is absent and it seems desirable to have said drain settled, Therefore Resolved that the Secretary be added to said committee with Captain Allen and that they have power to act in closing up with the above mentioned owners on such basis as will be fair to all parties interested and shall protect the college as to the water supply for the artificial pond back of the Woman's building and against the draining of anything into said drain which would become a nuisance to the campus or college.

Drainage

Piggery

The Committee on Building and College Property recommended the ceiling of the piggery.

On motion of President Snyder, the recommendation was adopted.

On motion of Mr. Wells, it was voted that when the Board adjourn, it adjourn to meet on Wednesday, February 4th at 10:30 o'clock A. M.

Acceptance of Post Office

On motion, the acceptance of the Post Office and Depot building was referred to a committee consisting of President Snyder, Secretary Brown and Architect Bond, with power to act.

On motion, adjourned.

A M Brown, Secy.

Meeting of the State Board of Agriculture

February 4 1903. 10:30 A. M.

College Board Rooms.

Present, Governor Bliss, President Snyder, Messrs. Wells, Monroe, Watkins, Knudson and Walker.

Minutes — The minutes of the previous meeting were read and approved.

Adjourned sine die — On motion of President Snyder, the Board then adjourned sine die.

Temporary Chairman — It was moved and carried that Governor Bliss act as temporary chairman during the organization of the Board and Mr. Brown act as temporary secretary.

On motion, it was voted to proceed to the election of officers of the Board.

President — On motion of Mr. Watkins, it was voted that the Secretary cast the unanimous ballot of the members for Mr. Wells, as President of the Board.

Vice-president — On motion of Mr. Wells, it was voted that the Secretary cast the unanimous ballot of the members for Mr. Monroe as Vice-president.

Secretary — On motion of Mr. Monroe, it was voted that the Chairman cast the unanimous ballot of the members for Mr. Brown Secretary.

Treasurer — On motion it was voted that the Secretary cast the unanimous ballot of the members for B. F. Davis, as Treasurer

Lands in Ascoda Co. — Mr. Ernest M. Salling & Associates came before the Board to ask that certain college lands in Ascoda County be placed on the market, explaining that the Company he represented owned lands adjacent to the ones in question which they purposed to lumber the coming season and that this would expose the college lands to fire and that these lands were of more value to his company than to any one else.

Officer's bonds

On motion of Mr. Graham, it was voted that the bonds of the officers should remain the same in amount as heretofore and that their acceptance be referred to the Finance Committee.

Albert of President

President Snyder then presented the following report:

Feb. 2, 1903.

To the Honorable State Board of Agriculture.

Gentlemen:-

I have to report that Parke Davis & Co. of Detroit have been very anxious to secure the services of Dr. Marshall our Professor in Bacteriology. Last year we made his salary eighteen hundred dollars, and agreed hereafter to pay him two thousand dollars, the same as that given our other full professors. Parke Davis & Co. made him an offer of twenty-five hundred dollars per year, and agreed to furnish him all magazines and literature that he cared for, and to pay his expenses to such scientific meetings as he cared to attend. His work would then be along advanced experimental lines, and from the standpoint of a scientist would be very inviting. Dr. Marshall, however, has felt

Dr. Marshall

that the board has shown confidence in his work by erecting a new laboratory for his department. Several minor matters, however, he desired to have changed, and after consulting with several members of the Board I stated to him that if he would remain with us we would be willing to furnish such literature as he had already been providing for himself at private expense. (2) That we would pay his expenses to at least one scientific meeting per year. (3) And also that he would be given leave of absence to spend one summer of five months in study abroad, and also that we would increase the salary of his assistant next year

Salary of Dr. Edwards.

to seven hundred fifty dollars.

The literature spoken of should be purchased by the College or Experiment Station and made a permanent part of our library. It has been the custom of the college to allow several of the professors to attend several scientific meetings per year. Dr. Marshall has not been given such a privilege. We can well afford, I think, to allow him to attend one meeting each year. He desires to study in Europe Soil Bacteriology. The best work along this line has been done in Germany. While he would gain much for himself by such a trip, the college would be the chief gainer in the end.

Mr. Edwards has been here four years and should have the increase mentioned.

While Dr. Blyenhall has not given Parke, Davis & Co. satisfaction, he has signified his intention to remain with us. I believe that it would be a good plan for them to spend the coming summer at Clarke. Should he then show his work to better advantage more than later on.

Fire at Fairview

At about eight o'clock on the evening of January 24th the fire whistle blew and it was discovered that the back end of Sutton Towne had got on fire through an over-heated steel pipe which connected the furnace. When discovered the fire had burned through the outer wall and roof. The members of the Volunteer Fire Company were assembled at that time. Some were attending parties in the vicinity and did not hear the whistle. Others met down town. A few, however, heard the whistle and with the aid of their students, responded with the two hose carts immediately. The company attached to the hydrant back of Dr. Edwards house, but finding that the pipe being frozen the small stream was not sufficient to throw it. The Fire Company attached to the hydrant back of Prof. Smith's residence, but the hydrant was frozen and would not work. The firemen then turned to the cistern with which they were supplied for the occasion. By this time the flames had extended to the roof and was fully ten feet high above the top of the building. The water was turned on and the other hose was attached to this hydrant. The company went up the stairway to the attic and the two began pouring the water inside and in the hope of cutting off the fire out. Just as they were completing the work the principal of the school arrived. Mr. Hinkle remained at the pumps all the time and was very careful to allow only the proper amount of pressure. He pumped water from the river, and for forty minutes kept two streams of water on the building at a pressure of ninety pounds. Had it been a large building, however, it is very doubtful if the volunteer company would have been so effective.

Had the occupants of the house and others who saw the fire first not depended on the fire company, but resorted to the use of buckets, it is probable that the fire could have been extinguished without the aid of the fire companies.

If the building had been supplied with hand grenades or some sort of fire extinguishers the fire could have been put out without difficulty. I feel very certain that with some sort of chemical device or dry powder device such as is now in common use I could have put out the fire myself after I arrived on the scene. I would recommend, therefore, that the college supply buildings and residences with hand grenades or some other form of fire extinguisher so that when a fire occurs these may be put to ready use.

hand grenades

I would like at this time to call attention to a condition which it seems to me we shall be forced to meet next year and thereafter. There has been enrolled this year about eight hundred thirty students, nearly eight hundred of whom are on the grounds at present. Over seven hundred of this number are registered in the four and five year courses. Seven years ago the actual attendance was but a little over two hundred. Since that time the Women's Building and the Dairy Building have been added.

Smith + Fields of Colby

The other class rooms and laboratories are practically the same as they were at that time. We have increased our class rooms 20% and students 350%. The large increase in attendance has very much overcrowded several of our departments. In the chemical laboratory the desks are all full from eight in the morning until five in the evening; and part of the time a number are compelled to work in a dark room in the basement. It is very poorly ventilated and poorly lighted. In our Mechanical building the shops are over-crowded and the recitations in this work are crowded into a small room which should not accommodate one fourth the number. The drawing is carried on in College Hall, Mechanical Building and Dairy Building, three different places. The Agricultural Department is almost as badly over-crowded

He desired very much this week to use one of the rooms in the dairy building as an exhibition room for the butter testing, in connection with the State Dairy meeting. I made a thorough canvas of the college. There was one class of recitations next week in this room which I desired to omit for a few days in some other place. The only room in which this class could be secured was in Prof. Patten's lab. in the class suits his office and for us this class room is the class which occupies the rooms in the dairy building. This is mentioned simply to show that the class rooms of the college are filled to their fullest extent. When the large dairies come in next fall, as they undoubtedly will, I do not know how they are to be accommodated in our present buildings and laboratories. The legislature two years ago gave us a one-tenth of a mill tax, limiting the amount to one hundred thousand dollars. Previous to this we had special appropriations that have made for Farmers' Institutes, Fertilizer Control & Experiment Station, repairs to buildings, student labor, etc. &c. getting the one hundred thousand dollars the legislature stipulated that all these matters must be taken care of out of the one hundred thousand dollars. This left about sixty thousand dollars to be expended on buildings and the permanent improvements. When the bill was passed we had on hand a surplus of forty-ten thousand dollars. From this sum and a few thousand from the one hundred thousand dollar fund, we have been able to erect a bacteriological building and a bath house. We shall have on hand by the first of next July sufficient funds to install a new heating and electric lighting plant and new water system. This plant, as you all know, is very much needed, and should be put into operation as speedily as possible. We are now running three different heating plants with three different sets of engineers. In addition to the great expense we are liable to a break-down at any time, and if a fire should get started in one of our large buildings it is almost certain that we could not control it. The Board sometime ago decided to erect a building devoted to engineering, drawing and physics. By removing the department of physics from the present building, the room it now occupies could be given up to chemistry. This would

require the department of chemistry, drawing and engineering.

We shall however, not be ready to accumulate funds for this building until the first of next July. We shall probably have available about sixty thousand dollars July 1st, 1904; but this would not be sufficient to erect such a building. It would require in the neighborhood of one hundred thousand dollars; hence we could not begin the erection of a building before July 1, 1905 as the law requires that we have sufficient funds available before we begin the erection of a building. As it would require about one year to erect such a building and it would not be ready for occupancy before September 1, 1906. This means that there is no relief for these departments for three years unless we resort to the doubtful expediency of erecting cheap buildings. We have already too many such buildings. They are very difficult to keep in repair, expensive to heat, and in the end very unsatisfactory and expensive. Rather than put up cheap structures it might be better to limit the attendance; but the law requires us to admit students from the eighth grade. Hence, unless the law is changed, we shall be compelled to take all those who present themselves and are able to meet the requirements specified by law. It is simply out of the question to think with our present equipment of taking care of the students who will desire to enter here during the next two or three years. With our present income we might look a little further ahead. Suppose that we accumulate money to erect this building to be occupied in 1906. The expense of maintaining this building and other new buildings will further reduce the one hundred thousand dollar fund, so that by that time we will not be able to save more than fifty thousand dollars per year.

As some of you know we very much need a fire-proof library and an auditorium. Our library now numbers twenty three thousand volumes and is valued at about forty-six thousand dollars. Many of the volumes are very rare and could not be replaced in case they were destroyed by fire. It is doubtful whether any other institution of this country with such a library does not have it housed in a fire proof building.

Our chapel has a seating capacity of not over two hundred. Not more than one fourth of our

students could be visited in it today. If one wish to hold a lecture or entertainment one must remove the apparatus from the armory. This is exceedingly unsatisfactory and very expensive. It costs us from $75 to eight dollars for every meeting that is held in this way. This is no opportunity to call students together. Very often I wish to address the student body but cannot do so. We should erect a large central building which would accommodate our library and also in connection with this have an auditorium seating from one to twelve hundred persons. Such a building ought to be built of such material and of such architectural design as to give strength, character and dignity to the college campus. How can we erect such a building? Fifty thousand dollars would be available July 1, 1906; fifty thousand dollars more July 1, 1907, fifty thousand more July 1, 1908. Such a building as we should have would cost from one hundred to one hundred fifty thousand dollars and could not be begun before 1908.

As I mentioned before our agricultural department is very much in need of room. We have no laboratory to carry on our work in soil physics. This is a department of work which is being studied to the front rapidly. There is a great call for young men well trained in this subject. We have no place in which to teach farm mechanics. We need a live stock pavilion, but with our present income we cannot begin to accumulate money for this building before 1918. Fifty thousand dollars would be available July 1, 1909 and fifty thousand more in 1910. It will be eight years before we can look forward to such a building. Many people have a very many impression as to the needs of the institution. It has been generally felt that with the one hundred thousand dollar income we were very well taken care of and could furnish ample accommodations for all students who desired to enter this college. I am willing to confess that I was much misled myself. I thought two years ago when this grant was made that we would be able to take care of our students. We were all of the opinion that a heating plant could be installed for about sixty thousand dollars; we did not expect over two hundred new students this year, but when our doors were opened last fall three hundred forty presented themselves for admission. Our special courses this year have just doubled in number. The price of building material has

continued to increase so that we have not been able to make the hundred thousand dollar income meet our needs as we had anticipated. I need not state that the money has been used economically. Salaries have not been raised, and no extra teacher has been employed unless such help was absolutely necessary. The question is, what can be done? Can we afford to ask the legislature to change the law permitting us to shut off our sub-freshmen students? It seems to me that it would be a great misfortune to be compelled to do this. These young people are largely from the rural districts and have not had high school advantages. They are worth saving. It is the duty of the state to save them. They do not have high school advantages at home. Their parents are taxed to support this and other state institutions. The state is certainly under obligation to offer opportunities along industrial lines to these young people. It seems to me that it is the duty of this college to take care of this class of young people. Do the state willing to provide the necessary means for the young people who desire to take up such work as we offer? If so, we must have more help. The limit on the tenth of a mill tax must be removed or we must have additional appropriations. I submit this proposition to the Board. I feel that it is my duty to lay this matter before you frankly.

The large class which came this year will overcrowd our laboratories next year and with the large class which will surely come next year we shall be cramped unless we begin at once to make ready for them.

Respectfully submitted,
J. L. Snyder.

Mr. Marshall

On motion of Mr. Monroe that part of the above report relative to Dr. Marshall was approved.

Adjournment was then taken to 1:30 P. M.

College Board Rooms
1:30 P.M.
Same members present except the Governor.

Fire Extinguishers

On motion of President Linder, the Secretary was instructed to investigate the subject of fire extinguishers and report to the Board at the next meeting as to the number probably required and the expense involved in their purchase.

Secretary's Report

The following business report was then read by the Secretary.

"To the Honorable State Board of Agriculture.
Gentlemen:-

I would respectfully submit the following business report from my office since the last meeting of the Board:

Diplomas

We shall soon need to provide a new stock of diplomas. It has seemed to me that perhaps in view of the rapid growth of the college, the number graduating each year constantly increasing and there being a corresponding increase in the membership of the faculty, it might appear desirable to change the form of the diploma to some extent and provide for the signature of a limited number of the officers of the college only.

I would call your attention to a number of outdoor closets about the campus which are neither very ornamental nor very useful and suggest that they might well be dispensed with.

Station Terrace

In regard to the repairing of Station Terrace recently damaged by fire to quite an extent, I desire to ask you whether it would not in your opinion be desirable to so modify the building as to admit of a family's living in it. There are manifest reasons why such an arrangement would be better for all concerned. In this connection, I wish also to call your attention to the fact that during the fire the wooden main near the mechanical building gave way, thus emphasizing the necessity of a new water system for fire protection as well as sanitary reasons. There are indications that

our water supply is growing less at least in proportion to the amount used and it may soon be necessary to increase the number of wells.

I think it proper to call your attention to the fact that owing to increased current expense due to higher prices of labor, fuel and material the net saving from the Lyttle mill fund available for building, will probably not exceed $50,000 for the current year, and will continue to dwindle as the college grows.

On January 20th, Capt. Allen made and placed on file with me the following report regarding the county drain matter and in which as a member of the committee, I joined. Since that time I have had a talk with Mr. Chase and believe the matter can be adjusted amicably and without detriment to the college. The report is, as follows:

Report made by Capt. Allen

'To the State Board of Agriculture.

Your committee to whom was referred the question of the drain entering the ground from the "Angell property"; so-called, respectfully report:

That we find the ditch to be one of the public drains built many years ago: That it passes through the college grounds to the open ditch by a tiled drain by the authorities. The water-course is a natural one. We suggest that the ditch where it enters the ground be lowered to its original depth provided the parties owning the ground above will build a drain sufficient to keep the artificial pond, so-called, supplied with water to the amount at present therein, such conduit or drain to be laid under the ground with 4-inch tile and to tap the said ditch on the grounds north of the highway, or at such distance above as to give sufficient fall to the water so that it will run into the pond at or near the surface of the ground.

Very respectfully,
Edward P. Allen.
A. M. Brown.

January 20th 1903.

Report re Delta

Mr Allen also made the following report in regard to the Delta matter:

To the State Board of Agriculture.

Gentlemen:-

The matter of the Delta water, sewage and light privileges having been referred to me as a committee to report to the Legislature of the College Director, I respectfully submit the following report:

May 5th, 1897 the College received $10.00 from said Delta, due to place the lots on sale to persons whom in the (the Secretary's) judgement will be entitled to same because of their connection with College affairs, etc." It appears from this that the grounds were intended to be sold and thereafter occupied solely by persons connected with the institution, therefore the selling a lot off the campus from the institution if the sold to one not connected with the school would do so in contrast of the spirit of the resolution, at least.

There is nothing in these resolutions to bind the College in any way to supply the Delta with either light, water or sewage. There is nothing in any of the deeds to show that the College assumed any such responsibility. In the absence of covenants and agreements in the deeds, the College cannot be held to do any of these things; verbal agreements will bind no one unless ratified by the Board of Agriculture, no one but the Board could make such a contract that would be binding on the Board; no member of the faculty or number of the Board could do so. The acts that said the Board must be those passed upon by the Board and under the Statutes governing the Board all acts of the Board must be recorded at length. Finding nothing in the records whatever showing that the Board ever assumed responsibility for lights, water or sewerage on the Delta and finding nothing in the conveyances securing the College so to do, I respectfully submit that there is no legal obligation upon the College to furnish and maintain any of these things. Admitting that water and lights have been furnished, creates no obligation, that as the matter now stands cannot be cancelled by the College at any time.

I find a letter from Mr. Butterfield, then Secretary of the College dated August 10th, 1898 and is, as follows:-

Mr. C. S. Brooks,
Agricultural College, Michigan.
Dear Sir:-

In consideration of privilege of laying sewer across land owned by you opposite the Agricultural College grounds, the College will provide a tiled drain carrying water to the Cedar River and all buildings on lots sold by you adjacent to the drain shall have the privilege of connecting the said tiled drain for purposes of drainage.

Yours respectfully,
D. H. Butterfield. Secretary.

If the Board authorized the provisions in said letter named it would be a binding contract so far as we are concerned, but there is no provision in the letter that this drain should be kept up at the expense of the College, nor do I find any record whatever of the action of the College, authorizing the Secretary to make the statement found in his letter. If the authorities never did so authorize the letter, they are not bound by it. I find, then, that the College is not bound to maintain a drain or sewer or furnish light or water to the residents of the Delta and especially to those not connected with the institution. I recommend however that, so long as the College can do so without injury to its own interests, it continue to furnish light and water at a fair price, but to have nothing to do with drains or sewers or other permanent improvements upon property not owned by the corporation. Let the people holding the lots take care of the drains and sewers for themselves, and should the residents of Oakwood refuse to do their share toward maintaining the sewers and drains that the contract with said Oakwood on the part of the College be terminated as provided therein.

Very respectfully,
Edward P. Allen.

January 20th, 1903.

The following letter concerning a matter to which I called your attention on a former occasion has been received from Mr. Commons, Clerk of the Board of State Auditors.

January 5, 1903.

State Board of Agriculture,
Agricultural College, Mich.

Letter from Mr. Conner

Gentlemen:-

The bill for preparing the report of the State Board of Agriculture for the year ending June 30, 1902, has not been paid, the work having been done by the Hollenbeck Crampton & Co. on order given them June 30, 1902. by Mr. Benner, Secretary of the State Board of Agriculture. Act 44 of 1899 requires such orders to be given by the Board of State Auditors and directs the Auditors to see the extent of the State Liability to be that the work should have been done by the State Printer and Binder and that under which bids were given. The Board of State Auditors respectfully suggest the State Board of Agriculture arrange the difference existing between the Robert Smith Printing Co. and the Hollenbeck Crampton Co., after which the latter will be given any order to pay for the work that has been done.

Very truly,
H. A. Conner, Sec'y Board of State Auditors.

I call this to your attention only and do not ask that you take any action in the matter. Since if any liability was made in relation to the order for this report, it was mine. I will assume the responsibility of making an adjustment of it.

Post Trust. Off. + Dept

The Post Office and Dept building was inspected by your committee and the Contractors have been paid.

I think it proper that these Gentlemen & Engineer have been invited to get the iron columns for the Dairy House as they are seriously delayed in the completion of this building through no fault of theirs.

The insurance policy on our boilers will expire April 3rd of this year. This policy does not cover the large boiler in the small boiler house nor the boiler at the Bath House though the latter is covered by a boiler maker's policy to the amount of $400.00. The company will make a new blanket policy covering all and allowing all unexpired premium to apply on the same, if desired.

Boiler Insurance

All of which is respectfully submitted.
A. M. Brown, Secretary

On motion of Mr. Monroe, the Secretary was authorized to remove as many of the outside closets about the campus as in his judgement may seem desirable.

Outside Closets

On motion of Mr. Monroe, the Secretary was requested to investigate and report to the Board at its next meeting the feasibility of fitting up Station Terrace so that it could be used by two families.

Station Terrace

On motion of President Snyder, Mr. Taylor at his request was released from his contract and authority was given to the President to employ his successor.

Mr. Taylor's release

On motion of Mr. Monroe, President Snyder and the Secretary were appointed as a Committee to fully investigate the whole subject of the college furnishing light and water to parties outside of the college grounds and report to the Board at its next meeting.

Light + water

On motion of Mr. Monroe the question of altering the form of the diplomas was referred to the President and Secretary who shall consult with the faculty and have power to act.

Diplomas

On motion of Mr. Graham, the Secretary was directed to inquire if the services of the State Boiler Inspector can be obtained for the inspection of the college boilers and if so to do away with boiler insurance.

State Boiler Inspector

Typewriter for Hort.

On motion of Mr. Moore, Prof. Hedrick was given permission to purchase a typewriter for the Horticultural Department, the expense to be taken from the Department funds.

Premium for stock judging

On motion of President Snyder the question of offering premiums for stock judging as proposed by the Executive Committee of the Agricultural Society was referred to Mr. Mathews and Prof Carr.

Marble work at Bath House

On motion of Mr. Moore the question of letting the contract for the marble work and plastering at the Bath House was left with the Secretary and Architect Board, with power.

Janitor at Mech.

On motion of Mr. Graham, the salary of the janitor of the Mechanical Department was made $40.00 per month, beginning December 1st, 1902.

Board Committees

President Wells announced the following committees:

Finance, Moore & Bliss.
Farm Management, Mathews & Graham.
Botany & Horticulture, Graham & Moore.
Mechanical Department, Wallace & Moore.
Land Grant, Mathews & Wallace.
Buildings & College Society, Bliss & Graham.
Experiment Station, Moore & Mathews.
Chemistry, Graham, Moore & Snyder.
Women's Department, Wallace & Mathews.
Institutes, Moore & Graham.
Library, Graham & Bliss.
Military Affairs, Mathews & Wallace.
Poultry, Bliss & Moore.
Physical, Physical & Bacteriological, Bliss & Mathews.
Engineering & Mathematical, Wallace & Bliss.

Adjournment

On motion of Mr. Moore, it was voted that the Board adjourn to meet Monday evening, February 23rd, 1903 at 7:30 o'clock at the Board Rooms.

A M Brown Secy

Meting of the State Board of Agriculture.

College Board Rooms.

February 23 1903,
7:30 P. M.

Present, President Wells, Mssrs. Watkins, Graham, Bliss and President Snyder.

The minutes of the previous meeting were read and approved.

Prof. Hedrick Allowance in lieu of rooms

President Snyder presented the request of Prof. Hedrick for an allowance in lieu of rooms in Howard Terrace. On motion of Mr. Graham, Prof. Hedrick was allowed $200.00 in lieu of these apartments.

Boiler Insurance

On motion of President Snyder, the question of boiler insurance was left to the discretion of the Secretary, with power.

Report of Committee on Light, Water, etc.

The Committee to whom was referred the question of furnishing lights, water etc. to parties outside the Campus, made the following report.

" To the State Board of Agriculture.

Gentlemen:-

Your committee to whom was refered the question of the college furnishing light and water to parties outside of the college grounds, beg leave to submit the following report:

After careful examination of the records, we find so far as the Delta is concerned that the matters of record are set forth in the report of Capt'n. Allen presented at the last meeting of the Board with the single exception that there was a resolution of the Board authorizing the laying of water pipes to the Delta. We find that there is a definite contract with the owners of the plat of Oakwood wherein the State Board of Agriculture agrees to furnish water and sewer privileges under certain conditions and limitations for the period of twenty years. Referring to

the case of the Delta people, in laid ~~in~~ the history of the plat to be substantially as follows: In the latter part of the 90's, the college became alarmingly in need of more houses for the accomodation of the faculty as well as more rooms for the students. If this need could be supplied without expense to the institution, it became a matter of great financial importance. It was found that if it could be had control of the grounds with light, water and sewer privileges, a number of college cottages could soon be built there. Accordingly authority was given the Board of Agriculture by the legislature of 1899 to plat and sell a certain piece of land belonging to the people contiguous to the Delta. It is a matter of importance in this connection that the Board in laying this territory had in mind the idea of benefiting the college.

There can be no question that the Board of the time, hoped to furnish sewer, water and lights to the purchasers of these lots and it is the unanimous testimony of the members that this was the intent manifested then. This is apparent by the subsequent action of the Board in supplying these

Your committee believes that it was a wise and politic thing for the Board to do just as it did in this matter if it had the power of instituting. By so doing, the large expense incident to providing residences for instructors and owners of students, was avoided.

Passing over the fact that the records of the Board do not show definite action regarding the furnishing of water and lights to people on the Delta yet it was understood as a matter of great importance to the institution that comfortable and sanitary conditions surround those who are so intimately connected with the college. Your committee is of the opinion that it would be a direct loss to the college as well as a most serious blow to the parties themselves if they were to be cut off from these three necessities and that a special litigation exists to maintain them for the Delta people by reason of the understood understanding under which each time lots were purchased. We believe further that it is to the financial advantage of the college to continue in every way possible the buildings of the property adjacent to the college under modern and sanitary conditions to the end that a large part of the student body

may eventually find domicile in private homes outside of the campus. We earnestly recommend that despite the somewhat uncertain question of authority that has been raised, the Board continue indefinitely to furnish light and water to the Delta under the present or some other reasonable terms.

Respectfully submitted

X. L. Snyder.
A. M. Brown. } Committee.

The secretary then read the following business report:

Secretary's Report

"To the Honorable State Board of Agriculture

Gentlemen:-

I herewith submit the following business report from my office since the last meeting of the Board.

In attempting to comply with your request for information concerning fire extinguishers, I sent the following letter to the chiefs of the fire departments of the principal cities in the state and to the superintendents of a number of state institutions:

Will you kindly give the Agricultural College the benefit of your experience by replying to the following questions:

1. Do you regard hand fire extinguishers as of value for fire protection at institutions of this kind?
2. What form or style do you think best, hand grenades, liquid machines or dry powder tubes?
3. What makes if any can you recommend?

Answers to the above questions will greatly oblige."

I have received replies from six state institutions, viz: Michigan Asylum for the Insane at Kalamazoo; Soldier's Home, Grand Rapids; Michigan School for the Deaf; State Public School at Coldwater; Eastern Michigan Asylum at Pontiac and the Industrial School for Boys. Of these, three favor the liquid machines, one finds dry powder most satisfactory, one has hand grenades but never used them and one depends wholly upon water.

From the fire departments of the different cities, I have received eleven replies, all of which seem to prefer the liquid machine although the dry powder tubes are recommended in two cases. Hand grenades do not seem

to find favor with the fire departments anywhere. I think the Babcock extinguishers are still most in favor. I have not been able thus far to get definite prices on the liquid machines. The dry powder tubes will range from $200.00 to $300.00 per piece. If the dry powder tubes were to be adopted it would require very many more of them than of the liquid machines or at least, it would be possible to introduce more of them since they are very much less expensive and more easily handled. I am rather of the opinion that a combination of both pieces would give the best results, the dry tubes being kept in the hands of inexperienced persons and less liable to damage by contact. With your permission, I will further investigate the subject of liquid machines and make an estimate of the number that would be required.

The drawing department was ordered to purchase a second set of drawing tables at an expense of $138.00. This reduced the department funds to such an extent that there is an overdraft of about $600.00. Prof. Holdsworth requests that the department be relieved from the expense incurred in purchasing the tables in order that its appropriament may be applicable to the ordinary necessities of the department. In other words, that an additional appropriament of $138.00 to cover the cost of tables be added to the present appropriament.

It has been an invariable rule at the Secretary's office for some time to refuse all requests for advance of salaries but a case has arisen in which we may depart from this rule without leave if it meets with your approval. Dr. Marshall desires to go abroad about the 25th of March and requests that he be permitted to withdraw his salary for that month.

Under the resolution of the Board directing the Secretary to inquire whether the services of the State Boiler Inspector could be obtained, I report that there is no such officer in the state, consequently boiler inspection must be obtained through the insurance companies or by such other method as the college may see fit.

I have asked Architect Bond to suggest a plan for making Station Texas into suitable quarters for two families but as yet have not his report. I think however he will be able to report at this meeting.

All of which is respectfully submitted.

A. M. Soule, Secretary.

Fire Extinguishers

On motion of Mr. Watkins the secretary was given further time in which to complete his report to the Board on the question of fire extinguishers.

Drawing Dep't

On motion of President Snyder, $138.00 was added to the apportionment of the drawing department.

Adjournment

On motion of Mr. Watkins, adjournment was then taken to February 24th at 8 A. M.

College Board Rooms

February 24th, Morning Session

Present, President Wells, Messrs. Watkins, Graham, Bliss, Monroe, President Snyder and Governor Bliss.

Committee on Delta Matter

On motion of Mr. Monroe, a committee consisting of President Snyder, the secretary and chairman of the committee on buildings and college property, was appointed to make a report to the Board, setting forth a plan for adjusting the question of sewer, water and light in relation to the present owners of lots on the Delta.

Telephone for Prof. Fedder

On motion of President Snyder, it was voted that a 'phone be placed in Prof. Fedder's office.

Forestry Lands

On motion of Mr. Graham, the matter of the sale of forestry reserve lands belonging to the college was referred to a committee to be appointed by the President.

President Wells appointed the following committee; the committee on forestry and the head of the Department of Forestry.

On motion of Mr. Monroe, the following resolution was adopted:

Meeting of New Members with Prof. Neil

Resolved, That the new members of the Board be requested to meet with Prof. Neil at the earliest possible moment to consult with him concerning the plans for the new heating, light and power plant and report their conclusions to the Board at its next meeting.

Motion for Adjournment

It was voted on motion of Mr. Monroe that when the Board adjourn, it adjourn to meet at Detroit at such hour and place as the Secretary may designate on Tuesday, March 5th.

Nash Regulating Valve Co.

A proposition was received from the Nash Regulating Valve Co. which, on motion of President Snyder was referred to Prof. Weil.

Adjournment

On motion of President Snyder the Board adjourned to meet at Bronson at 1:30 P.M. at the Wildermuth Hotel February 25th.

Wildermuth Hotel, Bronson.

February 25th 1913. 1:30 P.M.

Present, President Wells, Messrs. Monroe, Watkins, and Graham.

No quorum being present, the Board adjourned to meet at Detroit at the previous resolution.

A.M. Braun Secy.

Meeting of the State Board of Agriculture.

Russel House, Detroit, Michigan.

March 5, 1903. 4 P. M.

Present, President Wells, Messrs. Monroe, Watkins, Graham, Wallace, Bliss and President Snyder.

On motion of Mr. Watkins, it was noted to dispense with the reading of the minutes until the next meeting of the Board.

Report of Committee Visiting on Power Plant

Upon request the special committee consisting of Messrs. Wallace and Bliss, who were asked to consult with Prof. Neil in reference to plans for the new heating and power plant, made a favorable report approving the plans in general but advising that the water system be first installed with such additional boilers of the type to be used in the new boiler house as may be necessary.

Advertise for Bids for Water System

On motion of Mr. Graham, it was noted that the secretary be directed to advertise for bids for the installation of a water system in accordance with plans and specifications to be furnished by Prof. Neil, and that such additional boilers be purchased and installed in the old boiler house as may be necessary, these to be of the same type as those designed for the new heating plant with a view to their being transferred when that is built.

Completion of Plans

On motion of President Snyder, Prof. Neil was directed to complete the plans for the heating and power plant and have them ready by July 1st. next.

Contract for Boilers

On motion of President Snyder, the Secretary and Prof. Neil were instructed to contract for and purchase one or two boilers as may seem to them necessary of the type above indicated, Michigan shops to have the preference, other things being equal.

Special Committee to visit large power plants.

On motion of Mr. Graham, the special committee above mentioned, consisting of Messrs. Wallace and Bliss together with Prof. Neil were given authority and requested to visit a number of institutions having large heating and power plants for the purpose of making comparisons and getting additional information on the subject.

On motion of Mr. Mathias, the following resolution was adopted:

Whereas, the use of Bordeaux in connection with domestic animals has become very general;

Gardeners — And Whereas, it has been charged that its use is dangerous and dangerous to their health,

Resolved, That the college make test of this preparation under the Professor of Agriculture, the Veterinarian and Chemist to determine the facts in reference to this matter.

Fire Extinguishers — On motion of Mr. Collins, the question of the purchase of fire extinguishers for the college was referred to the Secretary and Cashier Prof. Hodge with power.

Settlement with Schaffner — On motion of Mr. Mimack, the proposed settlement with Schaffner & Co. Contractors for the Mechanical building was referred to President Snyder, Secretary Crowe and Prof. Hodge with power.

Purchase of Plans — On motion of Mr. Markham, the request of the Women's Department for the purchase of a Steinway piano at $500.00 from department funds was granted, the purchase to be subject to the approval of President Snyder, the Secretary and the Mechanical Director.

Mr. Humphreys Salary — The question of Mr. Humphrey's salary was, on motion referred to the Committee on Farm Management and the President of the College, with power.

Forestry Bulletin — The question of a Forestry Bulletin to be gotten out by Prof. Sague under the direction and at the expense of the Agricultural Department at Washington, was referred to the Committee on Forestry and Experiment Station, jointly.

Resignation of Prof. Neil — President Snyder presented the resignation of Prof. Neil, Professor of Mechanical Engineering with an accompanying communication.

On motion of Mr. Graham, it was noted that the resignation and communication lie upon the table.

Successor to Mr. Taylor — At the request of President Snyder, the matter of employing a successor to Mr. Taylor in the Physical Department was referred to the Committee on Employees.

Compel R.R. Exmn't to comply with law

On motion of Mr. Graham, the Inspector of Nurseries was instructed to take the necessary steps to compel R.R. Essig, Nurseryman of Detroit to comply with the law in taking out nursery licenses.

San Jose Scale

On motion of Mr. Watkins, the communication of Prof. Lupt in reference to San Jose scale was referred to the Committee on Botany and Horticulture.

Bond for Indemnity Mrs.

On motion of President Snyder, the following resolution was adopted:

Resolved, That L. M. Brown, Secretary of the State Board of Agriculture, be authorized and instructed to execute a bond on behalf of said Board to the United States Government for the loan of ordnance and ordnance stores of the value of One Thousand Seven Hundred Sixty-three Dollars ($1763.00) for use at the Agricultural College.

Stock Judging Contest

Mr. Watkins read a communication from Prof. Shaw in reference to the stock judging contest proposed by the Agricultural Society setting forth serious objections to the College taking part in it. In view of which Mr. Watkins reported that the committee does not favor the proposition.

On motion of Mr. Wells, the report was adopted.

Abbot Library

President Wells read a letter from Mrs. Abbot in reference to the Abbot library.

Mr. Wells moved that in view of the fact that the committee appointed to prepare resolutions in reference to the gift of the Abbot Library had not yet done so, and that one of the members of this committee is no longer a member of the Board, the Secretary be added to the committee, which motion was carried.

The Committee on the Delta read a report in which certain changes were suggested and the committee was given further time.

Adding Machine

On motion of President Snyder, the request of the Secretary for an adding machine for his office was granted and he was authorized to make the purchase.

On motion, adjourned.

A. M. Brown, Secy.

Meeting of the State Board of Agriculture.

College Board Room.

April 15, 1903. 11:00 A. M.

Present, President Hills and President Snyder.

At motion of President Snyder, adjournment was taken to 2 o'clock P. M.

Afternoon Session.

No quorum being present, adjournment was taken to 8 o'clock P. M.

College Board Room.

8 o'clock P. M.

Present, President Hills, Messrs. Mumert, Graham, Pollock and President Snyder.

The minutes were read and approved.

Teaching of Music

The recommendation of the faculty in regard to the teaching of music in the Fine Arts course was, on motion of Mr. Mumert, adopted.

Increase for Drawing

On motion of Mr. Mumert, the appropriation for the Drawing Department was increased $346.50 to cover the expense of the latter portion.

Deficit of Lecture Course

On motion of President Snyder, it was voted that the College accept the three faculties deficit not exceeding $200.00 that may result to the Lecture Course for the present year.

Forestry Bulletin

On motion of Mr. Mumert, the request of Prof. Bogue in regard to the publication of a Forestry Bulletin by the Forestry Department on the lines proposed by the Agricultural Department at Washington, was granted.

Resignation Mr. Kedzie

The resignation of Mr. Kedzie was presented by President Snyder and on motion accepted.

Mr. Skinner

On motion of Mr. Monroe, the action of President Snyder in employing Mr. Skinner as successor to Mr. Kocher, was approved.

Letting up of rooms for Chemist of Station

On motion of Mr. Monroe, the request of Mr. Robison in reference to the letting up of the rooms formerly occupied by the Bacteriological Department, to be used by the Chemist of the Experiment Station, was referred to the Committee on Buildings and College Property.

Bids for water system

On motion, the bids for the installation of the water system, were opened.

Telegram from Brooks & Sons

On motion of President Snyder, the telegram of J. C. Brooks & Sons of Jackson was made part of their bid.

Adjournment

On motion, adjournment was taken to 8 A. M, April 16 th.

College Board Rooms.
April 16, 1903. 8 A. M.

Present, President Wells. President Snyder and Messrs. Monroe, Graham, Wallace and Watkins.

Deputy Insp. of Orchards

On motion of President Snyder, R. J. Gahlman was appointed Deputy Inspector of Orchards and Nurseries at $2.00 per day.

Contract for water system awarded

On motion of Mr. Graham, the contract for the installation of the water system was awarded to J. C. Brooks & Sons of Jackson, Michigan

Contract for water system

On motion of Mr. Monroe, the Secretary and Prof. Neil were directed to enter into contract with J. C. Brooks & Sons for the construction of the water system in accordance with the plans and specifications and the proposal of the parties.

Prof. Taft permission to attend meeting of Farmers Inst.

On motion of President Snyder, Prof. Taft was given permission to attend the meeting of Superintendents of Farmers' Institutes at Toronto, the expense to be taken from the appropriation for Farmer's Institutes.

The Secretary then read the following business report.

"To the Honorable State Board of Agriculture.

Business Report of the Secretary

Gentlemen:-

I herewith submit the following report from my office since the last meeting of the Board:

In accordance with instructions, Prof. Weil has completed the following specifications for water system and has had the following advertisement published in the Engineering News and the Lansing Republican Journal:

"Notice to Water Work Contractors.

Sealed proposals will be received at the office of the Secretary of the State Board of Agriculture up to 6 o'clock P. M. April 14th for furnishing material and constructing a waterworks distributing system at Agricultural College, Michigan.

The work contemplated is approximately as follows: Excavating and laying about 2 miles of about 2 to 3 ft. of eight inch, six inch and four inch cast iron water pipe and necessary special castings. Furnishing, installing and connecting about 24 hydrants. Furnishing, installing and connecting about 24 gate valves.

Specifications and blank forms of proposal may be procured at the office of the Secretary of the Board. Plans may be examined at the office of Chas. A. Weil, Plans and specifications will also be forwarded through the mail. Bidders are expected to examine the location for themselves. The right is reserved to reject any or all bids.

A. M. Brown,
Secretary State Board of Agriculture.

Agricultural College, Michigan.
April 6th 1893.

The bids are here for your consideration.

After consultation with Prof. Hedgcock, I decided to equip the college with the Phoenix dry pipe sprinkler tubes and the Walker Standard liquid fire extinguishers. We have installed 168 of the former costing $1.75.00 and twelve of the latter costing $108.00. The dry tubes are pretty thoroughly distributed among all of the build-

ings except the barns which I have not attempted to supply.

The unusual conditions affecting the fuel supply as well as the addition of two very considerable buildings to our load have caused the expenses to far exceed the appropriation which did not contemplate either of these conditions and which it will therfore be necessary to increase about $55 00. 00 for the present period.

It is time to consider the question of fuel for the coming year and I suggest that provision be made for taking care of this matter.

I have had the college architect prepare a sketch for remodeling Matron Terrace so as to be utilized for a family but I am of the opinion after considering the matter quite carefully that the college will derive more revenue and benefit from the building if simply restored to its former state and used as before and although there are objections to such an arangement to which I have already called attention yet I think this is the best that can be done and recommend it.

In a letter received some time since from Prof. Wheeler who formerly occupied rooms in the Terrace, he says "I wish to ask the State Board to remember me for the expense of registers and conductors from furnace in cellar of Terrace for which I paid out of my pocket $21.00. I do this because every other occupant of the terrace has had many additions in the way of comforts at college expense."

I told Prof. Wheeler that I would call this matter to your attention. This also brings up a matter of a similar nature connected with Mrs. Kedzie who informs me that the bath tub, lavatory, closet and several other things were the property of Dr. Kedzie. I suggested that she might present any claims of this kind to the State Board. It will be remembered that she has had possession of the house since Dr. Kedzie's death until the first of this month.

Sometime ago I called your attention to the request of Mr. Robison for a bath tub in Howard Terrace. The matter was laid over for further consideration pending the possible change in the method of dealing with houses of members of the faculty. A little later it became necessary to alter the closet

in his apartments. The situation of the old closet being such as to permit it to freeze in cold weather. In connection this change Mr. Colson requested that a bath tub and lavatory be put in, for which he would agree personally responsible if the Board did not see fit to allow it and to this I acceded and the work has been done. I therefore present the matter to you for decision. Dolphin Stanis only one other case in the basement where a bath tub has been installed by the College.

In accordance with your direction the committee to whom was referred the settlement with D. Schaffer for the construction of the special laboratory made settlement as the following shows:

Three and ten & 60/100 dollars for additional work and labor the contract price and three and 50/100 dollars for additional labor amounting to $153.32 leaves a balance of $12.32 in favor of D. Schaffer for although the latter did claim it a considerable larger amount. After carefully considering the matter in all its details the committee have arrived in agreeing to make settlement by paying the contract price with the additional and the reasonable charges by the contractors. The amount should not be allowed by the completion of your details [illegible] but it has not yet been paid. As the committee was under power & Schaffer to do the work and the balance figured due to the contractors on the plans & settlement with payable to whom they was made out and the amount. The bond has not been released pending the settlement of these accounts.

All of which is respectfully submitted."

The question of Assistant Surgeon, $500.00 was added to the appropriation for salaries for the present year.

The matter of Mr. Moore, the deceased steer of the Veterinary that Claim have be refused to its former status, was adopted.

The matter of Mr. Moore, the committee referred to the Secretary's report concerning Supt. Kinsley and Mr. Hodgemen referred to the President and Secretary with power.

The matter of Mr. Moore the bath tub and lavatory installed in Mr. Colson's apartments was authorized to be paid for by the college.

The committee on the Delta matter made the following report which was, on motion of Mr. Monroe, accepted and the resolutions recommended adopted:

"To the Honorable State Board of Agriculture.

Your committee to whom was referred the Delta matter with the request that some means of adjusting the questions already called to your attention, beg leave to submit the following report:

Having carefully investigated the transactions of the Board in reference to the tract of land known as the Delta, as shown by the records in the Secretary's office and by the testimony of the parties concerned, and having obtained the views of former Secretary Butterfield as to the intention of the Board in reference to furnishing water, light and sewerage to the original purchasers of lots in the Delta, we find first, that beyond a question the Board intended that the purchasers of these lots should be furnished with water from the college mains, with sewer privileges, so far as the sewer should had been put in previous to the sale of the lots, could provide it, and with electric lights; the first and last to be paid for at reasonable commercial rates.

We find that these privileges were held out as inducements for the purchase of the lots and were distinctly understood to go with them without limitation, and, further that ten people purchased lots to build houses and in general complied with the conditions under which the lots were sold. And still further, that the above parties have, up to the present time been provided with the privileges aforesaid with the knowledge and acquiescence of the State Board of Agriculture though no specific declaration of said Board is recorded granting the same.

In view of this state of affairs and in order to make record of the undoubted purpose of the Board and to give assurance to the parties interested, we recommend the adoption of the following preamble and resolution:

Whereas, the State Board of Agriculture did, under legislative authority, plat and sell a certain piece of land known as the Delta:

And Whereas, we recognize the fact that assurance was given to the purchasers that they should have the use of a sewer previously constructed and also that

they would be furnished with water and light from the College supply at commercial rates and obtaining that the above privileges will be granted with reasonable understanding that the above privileges will be granted with reasonable limitation as, indeed, to the present have they been:

And Whereas, the records do not show specific action of the Board in reference to these points though such limitation is clearly implied:

Therefore, To give permanent and definite assurance of the purpose of the Board in this matter.

Be It Resolved, That the same Scrip as the Delta Scrip be granted to the residents and of the residents of the Delta and is hereby hereby transferred to them subject only to such rights as the owners of the plat of Richmond may establish under their contract; and that the Board of Agriculture accepts no position right to the control of the said Scrip; that water be furnished without limitation as to time from the College supply at such rates as the Board may from time to time establish, to a single residence upon each of the lots as originally platted excepting the lots purchased by Dr. Williamson and to use thereof, subject always to such regulations as may now exist and for the results of which the damages may be claimed by said residents; that electric light be furnished to the above parties except as specifically limited by former action of the Board, the same to be paid for at commercial rates or such as may be reasonably established by the Board from time to time.

But that nothing contained in these resolutions shall be construed as placing any obligation upon the State Board of Agriculture to furnish the above privileges to anyone engaged in selling liquor, conducting a saloon or gambling place or carrying on or engaged in any business or calling inimical to the interests of the Agricultural College or its community.

All of which is respectfully submitted.

L. L. Snyder,
A. M. Cross.

The following recommendations made to the Committee on Farm Management were on motion, adopted:

Recommendations from the Farm Dept.

First, That the floor planks on the lane bridge across the Red Cedar River be renewed in accordance with the recommendations from the Farm Department.

Drain

Second, That a drain be laid from the cellar of the farm house connecting with the drain in the bull yards.

Eaves-troughs on dairy barn

Third, That eaves-troughs be put on the dairy barn and the sheep barn and that tile be laid between them running southeast toward the river.

Bull paddocks

Fourth, That bull paddocks be built on the east of the dairy barn.

Fences

Fifth, That fences out of repair be replaced with some standard heavy woven-wire fence.

Hog lots

Sixth, That an equal amount of land with that already occupied as hog lots be fenced off with a permanent fence to be used for the same purpose.

Experiment Sta. laboratory

The Committee on Buildings & College Property recommend that the communication of Mr. Robison with reference to Experiment Station Laboratory be referred to the secretary, with power, which recommendation was, on motion, adopted.

Jersey cows

On motion of President Snyder, it was voted that a portion of the money set aside for the purchase of Jersey cows be expended for the purchase of a Jersey bull.

The following resolution was, on motion of Mr. Monroe adopted:

Resolution in regard to central boiler house

"Whereas, at a meeting of the State Board of Agriculture held in Detroit on September 24th 1902, the following resolution was passed:

Resolved, That $60,000.00 of the amount arising and becoming available under the provisions of Sections I and II of Act 232, Session Laws of 1901 be apportioned and set aside for the construction of a central Boiler House, its necessary equipment and the installation of a water system."

And Whereas, it seems desirable to enter upon the construction of one of the several items contemplated in this blanket resolution above quoted viz: the

water system, apart from the rest. Therefore

Resolved, That $12,000.00 of the account appropriated under this resolution be specially set apart for the installation of a water system at the Agricultural College:"

Adjournment

On motion of Mr. Weaver, it was voted that when the Board adjourn, it adjourn to meet subject to the call of the President.

Grand stand

On motion of Mr. Cheever, it was voted that the account $200.00 appropriated by the Board at a former meeting for the erection of a grand-stand, be paid from the M.A.C. contingent fund.

On motion, Adjourned.

A M Brown Secy

Meeting of the State Board of Agriculture

College Board Rooms.

May 26, 1903. 8 o'clock P. M.

Present. President Wells, Messrs. Monroe, Bliss, Graham and President Snyder.

The minutes were read and on motion, approved.

Miss Avery

The recommendation of President Snyder that Miss Avery, at her request, be excused from her work the last two weeks of the term in order that she may take a course at Oberlin was, on motion of Mr. Monroe, adopted.

Women's Course in Physical Training

On motion of Mr. Graham, the women's course in physical training was divorced from the Athletic Department and made a branch of the Women's Department under the direction of the dean.

Prof Tedder to attend meeting at Buffalo.

On motion of Mr. Monroe, Prof. Tedder was granted leave to attend the meeting of the Society for the Promotion of Engineering Education to be held at Buffalo.

Appportionment for Military Department

On motion of President Snyder, the appportionment for the Military Department was increased $75.00 for the present period.

Resolutions re. Eclectic Society

On motion of Mr. Monroe, the following resolution was adopted:

"Whereas, the Eclectic Society has asked consent of this Board to erect a society building on other than college grounds,

Therefore Resolved That such consent be granted to said Society upon the express condition that as to membership, literary, social and all other matters or meetings, it be subject to such regulations as the Faculty may from time to time impose."

Prizes for debates

On motion of Mr. Monroe, the request of Dr. Edwards that he be permitted to use $60.00 of the funds of his department for the purpose of offering

three prizes to the debates representing the college in our next years contest with Ohio Wesleyan, was adopted, the prizes to be $25, $20 and $15 respectively.

Purchase of Piano

On motion of Mr. Monroe, the matter of the purchase of a Steinway piano was referred to President Snyder, with power.

Adjournment was taken to 9 A. M., May 27th.

College Board Rooms.

May 27th 1903. 9 A. M.

Motion for Adjournment

On motion of Mr. Monroe it was voted that when the Board adjourn, it adjourn to meet Wednesday, June 17th at 10:30 A. M.

Bids for military uniforms

On motion of Mr. Graham, the Secretary was directed to advertise for bids for military uniforms and continue his investigations in regard to the matter of coal supply.

Expenses in connection with butter scoring

The recommendation of the Farm Committee that the sum set apart by the Board to pay for the scoring of butter be used instead to pay the incidental expenses connected with the contest, was, on motion adopted.

Use of Tuberculin test

On recommendation of the Farm Committee the suggestions concerning the use of the tuberculin test contained in the following communication from Prof. Shaw, were adopted:

"Tuberculosis has again made its appearance in our stables, resulting in the loss of a cow belonging to Mr. H. H. Hinds. This would indicate that one or more infected cows have been exposing our dairy herd to this disease for more than a year. It will be best some measures should be taken at once to guard against any further developments.

Permit me to suggest that the use of the tuberculin test be left to the discretion of the head of the Agricultural Department, and that he be required to record all results in the Farm Department Office and that none other than the State Board of Agriculture, the President of the College and Director of the

Experiment Station has access to this data. The widespread reports of tuberculosis in the College herd are calculated to do us much harm. I believe we can clean up our herds and keep them clean without any serious loss and without these things being made public."

Demonstrations with carcasses

The Farm Committee also reported favorably upon the recommendation of Prof. Shaw regarding demonstrations by means of carcasses of animals before classes. The report was, on motion adopted.

Grade dairy herd

The recommendations of Prof. Shaw in reference to a grade dairy herd were recommended by the Farm Committee and on motion, adopted.

Acceptance of Abbot Library

The following resolutions presented by Mr. Mowe Chairman of the special committee appointed with reference to the acceptance of the Abbot Library were, on motion, adopted:

Resolutions

"Whereas, the valuable library of a distinguished and lamented president of the College, Dr. Theophilus Capen Abbot has been tendered to the institution by his widow,

And Whereas, the State Board of Agriculture fully appreciates the significance and worth of this gift and the kindly spirit of the donor;

Therefore Resolved, That this library, rendered doubly valuable by its associations, is hereby formally accepted and the acknowledgment of the Board tendered Mrs. Abbot.

Resolved. That the Secretary be instructed to send a copy of these resolutions to Mrs. Abbot."

On motion of Mr. Olis the following roster of employees, recommended by the Committee on Employees was adopted for the year beginning September 1st, 1903 and the Secretary authorized to submit contracts in accordance therewith:

		College	Experiment Station	Total	House
Roster of Employees	J. L. Snyder, President	$3200		$3200	"
	Stenographer	500		500	
	Agricultural Department				
	R. S. Shaw, Professor	2000	$400	2400	
	J. A. Jeffrey, Prof. of Agronomy	2000		2000	
	G. C. Humphrey, Instr. Animal Husbandry	1200		1200	
	John Nichols, Instr. Dairying	750		950	
	E. R. Blair, Foreman Farm	275		275	"
	Mame E. Kerr, Clerk Farm Dept.	480		480	
	Bacteriological Department				
	Chas. E. Marshall, Professor	1000	1000	2000	
	L. F. Edwards, Instructor	600	150	750	
	Botanical Department				
	N. L. Bray, Professor	1800		1800	"
	J. B. Dandeno, Asst. Professor	1150		1150	
	B. A. Nygaard, Instructor	600	100	700	
	Chemical Department				
	Frank S. Hedges, Professor	1700	300	2000	
	Harry S. Reed, Instructor	700		700	
	Drawing Department				
	N. S. Holdenwith, Professor	1700		1700	
	Miss C. L. Holt, Instructor	700		700	
	Chace Herman, Instr. Mech. Drawing	900		900	
	English Department				
	Howard Edwards, Professor	1800		1800	"
	E. S. King, Asst. Professor	1000		1000	Rooms
	L. N. Santelle, Instructor	700		700	
	Bertha M. Hellman "	550		550	
	Forestry Department				
	E. E. Bogue, Professor	1500		1500	
	Horticultural Department				
	U. P. Hedrick, Professor	2000		2000	
	Thos. Gunson, Instructor	1000		1000	House
	M. L. Dean, Asst. Gardener	100	600	700	
	H. B. Sherman, Foreman of Grounds	480		480	"

	College	Experiment Sta.	Total	House.
History + Political Economy				
H. A. Hedrick, Asst. Professor	$1100		$1100	Rooms
Institutes + Nursery Inspector				
L. R. Taft, Superintendent	1200	$600	1800	House
Library Department				
Linda E. Landon, Librarian	880	120	1000	Rooms
H. M. Patriarche, Asst. Librarian	400 (8 hrs.)		400	
Mathematical Department				
H. K. Dedder, Professor	1800		1800	House
Warren Babcock, Asst Professor	1250		1250	Rooms
Alfred H. Parrott, Instr. Math.	600		600	
L. F. Hazza " "	500		500	
Mechanical Department				
Herman N. Reynolds, Asst Prof.	1200		1200	
N. N. Wells, Instructor	700		700	
W. S. Leonard, Foreman Machine Shop	1000		1000	
E. C. Baker, Foreman Foundry	750		750	
L. F. Jenison, Clerk Mech'l. Dep't.	480		480	
Military Department				
C. A. Vernon, Professor	576		576	
Miscellaneous				
C. A. Bond, Architect	1500		1500	
L. F. Nesell, Engineer	1000		1000	House
Edward Gibbons, Plumber	900		900	
Chas. J. Fox, Night Watchman	480		480	
Clerk	800		800	
C. D. Smith, Director Exp. Station, and Agriculturist				
Grad. Student Courses	400	1600	2000	"
Romona Ketchum, Nurse	450		450	
Department of Physics				
Martin D. Atkins, Asst. Professor	1450		1450	Rooms
L. S. Holbrook, Instructor	600		600	
Secretary's Office				
A. M. Brown, Secretary	300	500	800	House
Fred C. Kenney, Cashier	1000	200	1200	
Lena M. Maxwell, Bookkeeper	500	100	600	
L. Alice Earl, Clerk	375	125	500	

	College	Exp. Station	Total	Home
Veterinary Department				
Geo. A. Waterman, Professor	$1200	$300	$1500	
Women's Department				
Maude Gilchrist, Dean	1300		1300	Agricultural
Mrs. J. L. H. Haven, Instr. in Library	800		800	"
Carrie A. Lyford, Instr. in Domestic Science	800		800	"
Sarah B. S. Avery, Instr. in Physical Culture	550		550	"
Louise Freyhofer, Instr. in Music	800		800	
Jeanette Carpenter, Instr. in Sewing	600		600	"
Mae M. Quigley, Instr. in Sewing	150		150	
Horticultural Department				
Walter B. Barrows, Professor	1800		1800	Horticultural
C. H. Pettit, Instructor	500	600	1100	"
Jesse J. Myers, Instructor	600		600	
Chemist Exp. Station				
Floyd N. Robison		1000	1000	Agricultural

Mrs. Haven — Mrs. Haven granted leave of absence for one year.

Exchange of bull — On motion of Mr. Graham, Prof. Shaw was given authority to exchange one of the bulls owned by the college for one owned by John Caton of Flint, the latter to pay a difference of $75.00 to the college.

Expense of Alumni dinner — On motion of President Snyder, it was voted that the expenses of the Alumni dinner should be borne by the college.

Team for Exp. Station — On motion of Mr. Monroe, permission was granted Prof. Smith to purchase a team for the Experiment Station.

Secretary's report — The Secretary read the following business report:

To the Honorable State Board of Agriculture:

Gentlemen:-

I herewith submit the following report from my office since the last meeting of the Board:

On April 25th contract was entered into with Charles Damon for the construction of the grand-

stand which was directed to be built last year but which was rendered impossible through the failure of the students to raise the required amount of money for this purpose. The building has been erected in accordance with the terms of the contract at a total expense of $835.00 four hundred dollars of which was set apart from the interest on the M. A. C. account the balance being raised by the students. The contract is as follows:

"Articles of Agreement.

This Article, Made the 25th day of April 1903, by and between Chas. Damon and Michigan State Board of Agriculture.

Witnesseth, That: Chas. Damon Contractor, shall and will well and sufficiently perform and finish, under the directions and to the satisfaction of Edwyn A. Bond, all labor and materials for Grand Stand, M. A. C., and complete the whole according to the plans and specifications prepared by Edwyn A. Bond, Architect, for the sum of ($829) Eight Hundred and Twenty Nine Dollars to be paid in current funds by the Michigan State Board of Agriculture as follows: As the work progresses, retaining 10% on all estimates until final acceptance.

The work to be carried out and the whole to be finished on or before May 15, 1903.

In Witness Whereof, the parties to these presents have hereunto set their hands and seals, the day and year first above written.

In the presence of
Adah M. Hull.

State Board of Agriculture
By C. M. Bromley.
Chas. Damon.

There was $6.00 additional expense by reason of change of location after the work was commenced.

It is rather unfortunate that the stand cannot be painted as a matter of preservation as well as appearance.

On April 17th the following contract was entered into with T. C. Brooks & Sons for the construction of a water distributing system at the college:

Agreement.

This agreement made this 17th day of April, in the year One Thousand Nine Hundred and Three, by and between the State Board of Agriculture of Michigan, hereinafter designated as Purchaser, party of the first part and J. C. Barnes & Sons, hereinafter designated Contractors, parties of the second part, Witnesseth, as follows:- That the contractors in consideration of the fulfillment of the agreement herein made by the purchaser agree with said purchaser as follows:

Article I. The contractors under the direction and to the satisfaction of C. A. Reif, Consulting Engineer, acting for the purposes of this contract as Agent of the purchaser, shall and will provide all the materials and perform all of the work mentioned in the specifications and shown on the drawings prepared by the said engineer, which specifications and drawings are hereby specifically made a part of this contract.

Article II. The contractors shall complete the several portions and the whole work involved in the specifications and plans hereto annexed, on or before the 15th day of June, 1903.

Article III. It is hereby mutually agreed between the parties hereto that the sums to be paid by the purchaser to the contractors for said work and material shall be as per schedule contained in the proposal hereto attached and dated April 14th, 1903, to-wit:

J. C. Barnes & Sons of Jackson, Michigan hereby purpose to furnish all labor and material called for by the attached specifications (Set No. ---. Dated April 6th 1903) for a water works distributing system for the State Agricultural College of Michigan, and in entire accordance with said specifications, according to the data and at the prices given below.

Make of pipe and special castings, - United States Cast Iron Pipe and Foundry Co.

(a) Price per lineal foot of cast-iron pipe, special castings called for by the plans accompanying the specifications included, laid in place and calked including excavation, back-filling,

sodding, lead, bumps etc. etc. within the limits of depths of excavation stated:

	'5'-5'6"	'5'6"-6'	'6'-6'6"	'6'6"-7'	'7'-7'6"	'7'6"-8'
Eight-inch pipe	$1.23	$1.28	$1.33	$1.38	$1.43	$1.48
Six-inch pipe	.91	.96	1.01	1.06	1.11	1.16
Four-inch pipe	.64	.66	.71	.76	.85	.90

Note.-- 5'6" = 5 feet 6 inches.

(b) Lump price for labor and material called for by said specifications and not included in item (a) $1.011.00

The following data and prices relate to material to be figured upon. The prices set opposite the various items will be used in figuring additions to or deductions from the amount of the contract covered by item (b) in case more or less labor or material is required than is at present contemplated and called for by the specifications:

Fire Hydrants:

Make of hydrant:- Michigan Brass & Iron Works, Detroit, Michigan.

Cost per hydrant set complete and connected ready for operation, $25.00.

Cost of hydrant with crane attachment set complete and connected ready for operation $50.00.

Valves:

Make of valves Michigan Brass & Iron Works, Detroit, Michigan. Cost per valve of the following sizes, set complete and connected ready for operation:

Eight-inch valve $20.00

Six-inch valve $12.00

Four-inch valve $7.00

Valve Posts:

Make of post, Michigan Brass & Iron Works, Detroit, Michigan.

Cost per post of the following sizes, set complete and ready for operation, $20.00.

5-ft., eight-inch post, $20.00 and for each additional foot of length, sixty cents.

5-ft., six-inch post $20.00 and for each additional foot of length, sixty cents.

Blow-off and drain connections:

Cost per connection, set complete and ready for operation, $50.00.

Article IV. It is further mutually agreed between the parties hereto that no certificate given or payment made under this contract except the final certificate

or final payment shall be conclusive evidence of the performance of this contract either wholly or in part and that no payment shall be construed to be an acceptance of defective work or improper material.

Article V. It is further agreed and understood by the parties to this contract that the regular statutory bond to the amount of $5.000. as provided in case of public buildings to be made and executed by the contractor for the payment of bills and fulfillment of undertaking, accompanies this contract.

Article VI. The said parties for themselves, their heirs, executors, administrators and assigns do and hereby agree to the full performance of the covenants herein contained.

In Witness Whereof the parties to these presents have hereunto set their hands and seals, the date and year as above written.

State Board of Agriculture (Seal)
A. M. Brown, Sec'y. (Seal)
J. C. Brooks & Sons (Seal)
By J. M. Brooks.

Bond.

Know All Men By These Presents, that we, J. C. Brooks & Sons of Jackson, County of Jackson, and State of Michigan, as principal, and Wm. H. Thompson and N. S. Potter, as surety, are held and firmly bound unto the people of the State of Michigan in the sum of Five Thousand Dollars ($5.000.00) to the payment whereof, well and truly to be made, we bind ourselves jointly and severally, our heirs, executors, administrators, successors or assigns, firmly and by these presents.

Sealed with our seals and dated this 22nd day of April, A. D. 1903.

Whereas, the above named principal has entered into the annexed contract on the 17th day of April, 1903 with the State Board of Agriculture of the State of Michigan wherein the said principal covenanted and agreed as follows, to-wit:-

To furnish the material and labor of all kinds necessary for the completion of a water-works distributing system at the Michigan State Agricultural College according to the plans and specifications of the consulting engineer

And Whereas, under a certain act of the Legislature of the State of Michigan, entitled "An act to insure payment of wages earned and for material used in constructing, repairing or ornamenting public buildings and public works" approved May 16th, 1883 and as amended by an Act approved April 15th, 1885. the above contract is fully contemplated and governed by the provisions and requirements of the same.

Now Therefore, the condition of this obligation is such that if the said J. C. Brooks & Sons, principal as aforesaid shall in all respects well and faithfully execute and perform, live up to and abide by the terms of said contract and if said principal and any sub-contractor to whom the whole or any part of said contract may be assigned or let, shall well and truly pay, as the same may become due and payable, all indebtedness which may become due to any person, firm or corporation on account of labor performed or material furnished in the construction, erection, repairing or ornamenting of such building, work or improvement, then this obligation shall be void, otherwise the same shall be in full force and effect.

J. C. Brooks & Sons,
J. M. Brooks.
Wm. M. Thompson
N. S. Potter.

State of Michigan } ss.
Jackson County }

Wm. M. Thompson and N. S. Potter of the City of Jackson, in said County of Jackson, sureties of the principal named in the within and foregoing bond, being duly sworn, each for himself deposes and says, that he is worth in unencumbered property, not exempt from execution under the laws of this State, the sum of five thousand dollars, after payment of all just debts, claims and liabilities.

Wm. M. Thompson
N. S. Potter.

Sworn to and subscribed before me this 22nd day of April A. D., 1903.

Arthur D. Lathrop.
(Notarial Seal) Notary Public in and for Jackson Co., Michigan.

There having been no special Board action at the last meeting in reference to the coal contract for the coming year, I felt that it was necessary to take some steps toward getting in shape to receive our annual supply and consequently sent to some twenty different firms the following application for proposals for coal:

'Dear Sir:-

Sealed proposals for the delivery of hard and soft coal f.o.b. Boiler House, Agricultural College, Michigan will be received at the Office of the Secretary up to and including Saturday, May 2nd, to be delivered as required up to April 1st 1904.

The estimated quantities are, Hocking Valley or equivalent 4,000 Tons; Smokeless, 800 Tons; Anthracite, 600 Tons.

The right to reject any or all bids is reserved. Our Marquette track to College Boiler House. Please use inclosed sheet for bid.

Yours truly
A. M. Brown, Secretary.'

The returns from this letter are not very satisfactory and I have questioned the advisability of entering into contract on the basis of any of them. The general disposition seems to be to bid up a large stock in order to prevent any possible emergency and I believe this to be the wisest thing for the college to do.

The contract for electric lights at the college between Platt and the College expires January 1st next and it seems desirable to me to have in mind the policy of the college in reference to this matter at the expiration of the present contract. At a previous meeting I think I stated to the Board that Mr. Platt would be willing to enter into contract for a series of years furnishing current at the rate of 3¢ per Kilowatt hour using our generator for this purpose. It is quite evident that it will be quite difficult to renew the present contract just as it is upon a flat rate. If it shall seem best to make contract with Mr. Platt upon a meter rate, it is quite obvious that it will be necessary to install meters at the college at all points where possible and that the current consumed at such points shall be accounted for in accordance with meter readings. If such are to be the case, it seems to me advisable to have the meters put into use during the summer. There can be no question but that there is a large

amount of current consumed unnecessarily and this can only be checked by placing the responsibility upon the departments or individuals.

At a former meeting, attention was called to the matter of boiler insurance and in accordance with the direction of the Board I have had the nine boilers at the college insured for three years in the Hartford Steam Boiler Insurance Co. for $20,600.00, this being the lowest amount for which the company would accept the insurance.

The following letter has been received from Hon. Henry Humphrey, General Accountant:

May 22, 1903.

Mr. A. W. Brown,
Sec. Agricultural College,
Michigan.

Dear Sir:-

It is presumed that members of boards and officers of the several state institutions and commissions are aware of the provisions of Section 11384, Compiled Laws of 1897, which prohibits the members and certain officers from entering into contracts or in any way trafficing with the institutions with which they are connected. This provision of law has not been strictly enforced by this department in the past but circumstances of recent occurrence led the auditor general to consult the attorney general as to his duties under Sections 1207 & 11384, Compiled Laws of 1897. The attorney general advised him that he should audit no vouchers for disbursements made in contravention of Section 11384. I am instructed by the auditor general to say that in the future no vouchers covering disbursements in violation of this section, if discovered by this department will be audited. As before indicated this is for the purpose of giving notice that in the future the auditor general will be compelled to attempt a strict enforcement of the provisions of Section 11384, Compiled Laws of 1897, and is not intended as an intimation that any improper transactions have occurred in connection with your institution.

Very respectfully,
Henry Humphrey,
General Accountant.

All of which is respectfully submitted.
A. W. Brown, Secretary."

On motion, adjourned.

A. W. Brown Secy

Meeting of the State Board of Agriculture.

College Board Rooms.
June 17, 1903. 10:30 A. M.

Present, President Wells, Messrs. Bloxam, Graham, Wallace, Bliss and President Snyder.

The minutes of the previous meeting were read and approved.

Special Courses. A communication from Prof. Smith in reference to the special courses, was presented by President Snyder.

2-six-weeks courses. On motion of Mr. Bloxam, President Snyder's recommendation that two six-weeks' special courses be given during next year, was adopted.

Graduates. The following sixty names were, on motion of President Snyder, recommended for the degree of Bachelor of Science:

Anastasy, V. Clyde, ss.
Barber, Bronson, a.
Barrett, Emma, ss.
Barrow, N. Morton, a
Blanchard, Charles N., ss.
Brainard, Frank K., ss
Brown, Alice L, a
Brown, Willard M., ss.
Brown, N. Rutherford, ss
Buskirk, Bessie, ss.
Carel, William J., ss
Chase, Theron P., ss
Churchill, Jesse M., a
Churchill, Oscar O., a
Dean, Olney J., ss
Dey, Harry N., a
Digby, Adelbert C., a
Drake, Leon L., a
Eaton, Homer M., ss
Elmer, Ellsworth O., a
Engel, Frederick, ss
Fargo, Harvey D., ss
Foster, Floyd O., a
Fraser, John A., ss
Gaither, Stanley, ss
Gates, Seymour T., a
Good, Edwin S., a
Green, Katherine F., ss
Hadley, Alice, ss
Harrison, Edmund J., ss
Hartman, Simon P., a
Hedges, J. Harold, ss
Hess, Burt J., a
Hodson, Lovell C., a
Lilly, Clyde D., ss
Mayger, Burton O., a
Morgan, James A., ss
McClure, Samuel N., ss
Marshall, Charles M., a
Miller, Arthur C., a
Moore, James G., a
Morrison, Frank M., a
Nacker, Owen M., ss
Pickle, Frank H., ss
Norton, Horace N., Jr., a
Phillips, Frank J., a
Renner, Frank P., a
Rork, Frank C., ss
Savey, Glenn P., a
Severance, Howard D., ss
Sniveley, Edna V., ss
Stevens, Frederick D., a
Stevens, Ray C., a
Sloan, J. Kane, a

Tower, Ray R., a — Wheeler, Burr, m
Tryon, George, m — Wright, Hettie B., w
Van Skiver, Ira J., m — Yates, Richard L., m

It was also recommended that the same degree be conferred on James A. Cooper, Jr., m and Lewis S. Michael, a, after their required work is completed.

Degree of Master of Science

On motion of President Snyder, the degree of Master of Science in course was voted to be conferred upon S. Fred Edwards of the class of 1899 and William O. Snyder of the class of 1901 of the University of Nebraska.

Secretary's Report

The Secretary read the following report:

" To the Honorable State Board of Agriculture.

Gentlemen:-

At this time a brief statement of the financial condition of the college, so far as it relates to possible improvements, will perhaps be timely and of interest. At the close of the last fiscal year there remained unexpended of the $100,000.00 arising under the one-tenth mill act $70,000 which amount, under the provision of the law became available for building or extraordinary purposes. Of this sum, $1700 was expended in building the Post Office and Depot building, $6,000 went into the Bath House, $60,000 was set apart by resolution for the construction of a central Boiler House, its necessary equipment and the installation of a water system and $23.00 remain unappropriated. Of the $60,000 above referred to you have recently specially set apart $12,000 for the water system, leaving $48,000 for boiler house and equipment. Definite steps toward the expenditure of this latter sum together with the $23.00 above mentioned as unappropriated, making in all $50,300 have not thus far been taken. There will remain at the end of the present fiscal year as an accumulation for building purposes about $45,000 which will become available December 15th next and may be made so sooner by proper resolution of the Board. If it should seem desirable to proceed to the construction of tunnels for the heating system at once, instead of first building the boiler house, this will be entirely feasible and I have obtained the sanction of the Auditor's Department to such change in the resolution as will permit this step. By such subdivision of the work, the construction of the entire plant so far as financial conditions are concerned may be

brought within the first half of the fiscal year beginning July 1, 1904.

Mr. Haviland of Bath Township wishes to purchase ten 40-acre tracts of college salt spring lands on Sec. 4 and 5 of Bath Township. The price is $2.50 per acre. I believe it is all the lands are worth and recommend their sale.

The following apportionment is presented for your approval.

Apportionment for 6 mos.

Advertising	$1000.00
Athletics	100.00
Bacteriological	1000.00
Botanical	800.00
Chemical	400.00
Cleaning	1000.00
Contingent Building	8000.00
Drawing	350.00
Electric lighting	1850.00
English	25.00
Farm	5000.00
Forestry	400.00
Heating	10000.00
History	25.00
Horticultural	1500.00
Library	800.00
Mathematical	500.00
Mechanical	2500.00
M.A.C. Record	200.00
Military	150.00
Miscellaneous	500.00
President's Office	400.00
Secretary's Office	350.00
Physical "	250.00
Salaries	35000.00
Veterinary	50.00
Women's	1000.00
Zoological	250.00
Special Courses	250.00
U.S. Station	5000.00
South Haven Station	500.00
Institutes inc. F.H.R.S.	7500.00
Experiment Station Bulletin	4000.00
	$86850.00

Mr. Newell, the college engineer informs me that if the electric lights are to be used as heretofore it will be necessary to have at least two additional transformers but that if meters are put in no more trans-

former will be needed. This brings up again the question of the lighting contract which I suggest should be given early attention in order that such matters as are dependent upon the terms of such contract may be taken care of this summer.

All of which is respectfully submitted.

A. M. Brown, Secretary. "

Apportionment recommended

On motion of Mr. Bliss, the apportionment for the six months ending January 1, 1904, as above recommended was adopted.

Land in Bath Township from Wm. Haviland

The Secretary was authorized to sell Wm. Haviland of Bath Township, Clinton County, the S. E. quarter of the S. E. quarter of Section 5 and the S. W. quarter of the S. W. quarter of Section 4, Township 5 N. Range 1 W. in Clinton County, for the sum of $300.00.

U. P. Station Bulletin

On motion of President Snyder, it was voted that the expense of printing the Upper Peninsula Experiment Station Bulletin be charged to the U. P. Station apportionment.

Members to visit U. P. Station

On motion of President Snyder, authority was given the Experiment Station Committee and such other members of the Board as desire, to visit the Upper Peninsula Station and make report to the Board.

Electric light meters

On motion of President Snyder, the Secretary was authorized to install electric light meters and close contract with Piatt for electric lighting and power on the best terms possible for one more year.

Resolutions in re tunnels

On motion of Mr. Munroe, the following resolutions were adopted:

"Whereas, At a meeting of the State Board of Agriculture held in Detroit on September 24th, 1902, the following resolution was passed:

Resolved, That $60,000.00 of the amount arising and becoming available under the provisions of Sections I and II of Act 232 Session Laws of 1901 be apportioned and set aside for the construction of a central Boiler House, its necessary equipment and the installation of a water system.

And Whereas, It seems desirable to enter upon the construction of one of the several items contemplated in this blanket resolution above quoted viz:

the water system, apart from the other, therefore

Resolved, That $60.000.00 of the amount arising and becoming available under the provisions of Sections I and II of Act 232 Session Laws of 1901 be apportioned and set aside for the construction of a central Boiler House, its necessary equipment and the installation of a water system.

Resolved, That $12,000.00 of the amount appropriated under this resolution be especially set apart for the installation of a water system at the Agricultural College.

And Whereas no expenditures of money have been made from the $60,000.00 set aside and it appearing that the best interests of the College will be subserved by the construction of tunnels for steam pipes during the present season and the installation of pipes in them. Therefor-

Resolved, That $45,000.00 of the aforesaid $60,000.00 which was set aside for the construction of a central boiler house be especially set aside by this resolution for the purpose of the construction and equipment of tunnels for steam pipes."

Bids for Tunnels

On motion of President Snyder, the Secretary was instructed to advertise for bids for the construction of the tunnels in the above resolutions.

Appropriation for Hort.

The appropriation for the Horticultural Department was, on motion of President Snyder, increased $200.00 for the present period.

Release of Prof. Humphrey

The request of Prof. Humphrey for release in order to accept a position in the Agricultural College of Wisconsin was, on motion, granted.

Contract for Coal

On motion of Mr. Graham, the secretary was authorized to enter into contract for coal for the coming season.

Recess was taken until 3 o'clock P. M.

College Board Rooms.
June 17, 1903 3 o'clock P. M.

Present, President Wells, Messrs. Monroe, Graham, Watkins, Wallace, Bliss and President Snyder.

Bids for uniforms

The Secretary presented bids for military uniforms which were opened and on motion of Mr. Bliss, referred to President Snyder and Secretary Brown, with power.

Acceptance of Bath House

Architect Board reported that the bath house had been completed so far as the contractors were concerned in accordance with the terms of the contract and recommended its acceptance by the Board.

On motion of Mr. Bliss, the bath house was accordingly accepted.

Terra cotta columns for bath house

Mr. Clittenden of the firm of Clittenden & Skinner appeared before the Board in reference to claim for additional compensation for terra cotta columns.

Architect Board reported the claim as not allowable under the contract.

On motion of Mr. Graham, the report of the Architect was adopted.

Repairs to Chem. Lab.

The Committee on Buildings & College Property reported favorably on repairs to the Chemical Laboratory as suggested by Architect Board and on motion, the recommendation of the Committee was adopted.

Appropriation for Botanical Dep't.

On motion of Mr. Bliss, the appropriation for the Botanical Department was increased $75.00 for the present fiscal.

Report of Comm. on Employees

The Committee on Employees made the following report which was, on motion of Mr. Mowry, adopted:

"Agricultural College, Michigan
June 17, 1903.

The Committee on Employees beg leave to make the following supplementary report. It recommends that the following increase in salaries be made:

Mr. B. O. Longyear, Inst'r. in Botany	$100.00
Mr. Harry Reed, Instructor in Chemistry	50.00
Prof. N. S. Holdsworth	100.00
L. H. Bartelle, Instructor in English	50.00
Miss Bertha M. Hellman, Instructor in English	50.00
Mr. H. B. Sherman, Foreman of Grounds	20.00
Mr. Alfred H. Parrott, Instructor in Mathematics	50.00
Mr. L. F. Harza, Instructor in Mathematics	50.00
Mr. Herman N. Reynolds, Asst. Prof. Mechanical Eng.	200.00
Miss Maud Gilchrist, Dean Women's Department	100.00
Mr. Jesse J. Myers, Instructor in Zoology	100.00

It is recommended that Mr. Floyd N. Robison be made a member of the Station Council; that Mr. Richard Hopkins

be elected to the position of Instructor in Mathematics and Civil Engineering at a salary of $750.00 per year: that Mr. William J. Canef be elected Instructor in Mathematics at $500.00 per annum; that Mr. E. S. Brewer be elected Director of Physical Training at a salary of $1200. per year with the understanding that he is to live at the college; that, on account of leave of absence granted to Mr. Lewis, that his work be taken by Mrs. Mae M. Bingle, Instructor in Sewing, and her salary for the coming year be made $500.00 and more; and that Miss Helen A. Grier be elected Instructor in Sewing at a salary of $350.00 and more.

It is also recommended that the Mechanical Department be given another instructor at a salary of $600.00 per annum. The Committee also recommends with reference to Prof. Neil, head of the Mechanical Engineering Department whose resignation was tendered the Board some months ago, that he be retained as Director of the Department of Mechanical Engineering at a salary of $1500.00 per year and house. That he be permitted to give half his time to outside duties. At the same time, it is understood that he is to take care of the Mechanical Engineering Department and the engineering work of the college, the making of blue prints, establishing of levels, and such other work as would belong to an engineer having in charge the improvements and buildings; this work to be done by him without extra charge.

It is also recommended that the work formerly in charge of Mr. D. H. Stevens be done in the future by the clerk to the President and that his salary be not to exceed $1000.00 per annum. Also that the President's office be allowed a lady stenographer at $500.00 per annum."

On motion of Mr. Monroe, the Committee on Employes was given authority to fill all vacancies which may occur.

Resolutions in re U.S. Statutes

The following resolutions were, on motion of Mr. Graham unanimously adopted:

"Resolved, That the enactment into law of House Bill No. 564 is regarded as a most unwarranted and unprecedented piece of legislation and inimical to the interests of the Agricultural College for the following reasons:

1st. The entire interests of the Agricultural College and Experiment Stations are by law entrusted to the State Board of Agriculture a body corporate especially charged with their care.

2nd By virtue of the provisions of the above act the Legislature usurps the authority vested in this Board and

makes disposition of the funds previously placed in its care and under its authority.

3rd. This precedent carried to its limit would make the Legislature the active governing body of a state institution and render the board of control a mere fiction, a condition entirely inconsistent with the state's policy in the management of her established institutions.

4th. The State Board of Agriculture are already expending upon the Upper Peninsula Experiment Station all that is consistent with proper support of the various branches of the college and the station at South Haven.

Resolved Therefore, that Hon. Bliss be most earnestly requested to attach his veto to the aforesaid bill for the reasons above specified."

On motion, adjourned to meet at the call of the President.

A M Brower Secy

Meeting of the State Board of Agriculture.

College Board Rooms

2 o'clock P. M. July 21, 1903.

Present, Vice-President Monroe, Governor Bliss, Messrs. Wallace and Graham and President Snyder.

The minutes of the previous meeting were read and on motion, approved.

Exhibits at State Fair & West Mich Fair

On motion of Mr. Graham, it was voted that the College should make an exhibit at both the State Fair at Pontiac and the Western Michigan Fair at Grand Rapids, and to this end, as representing the eastern and western sections of the state.

Repairs for Ag. Lab.

A communication from Prof. Jeffery in reference to repairs for the Agricultural Laboratory was referred to the Committee on Buildings and College Property.

Bath rooms in Howard Terrace

On motion of President Snyder it was voted to install bath rooms & equipment in those suites of Howard Terrace which are not already provided.

Prof. Hedrick to Meeting of Pomo. Society

On motion of Governor Bliss, it was voted that the R. R. expenses of Prof. H. P. Hedrick be paid by the College while attending the meeting of the American Pomological Society to be held at Boston, September 10-12, 1903.

Graduate to fill vacancy caused by Mr. Humphrey

On motion of Mr. Graham, the recommendation of Prof. Shaw that two M. A. C. graduates be elected to fill the vacancy caused by the resignation of Mr. Humphrey, the combined salaries not to exceed $1200.00, was adopted.

Election of Member of Board of Board

On motion of President Snyder, it was voted to proceed to the election by ballot of a member of the Board to fill the vacancy caused by the death of President Wells.

Election of Mr. Moore

On motion of Mr. Wallace, an informal ballot was taken which resulted in the unanimous choice of Charles F. Moore of St. Clair.

On motion of Governor Bliss, the informal ballot was declared formal.

On motion of Governor Bliss a committee consisting of Mr. Graham, Mr. Monroe, President Snyder, and Secretary Brown was appointed to prepare suitable resolutions on the death of Franklin Stells.

resolutions on death of Franklin Wells

The Secretary read the following business report:

To the Honorable State Board of Agriculture.

Secretary's Report

Gentlemen,-

I beg leave to submit the following report from my office since the last meeting of the Board.

The contracts for military uniforms has been made with the Henderson, Ames Co. of Kalamazoo for 14.9c in accordance with their bid, as being the most advantageous for the college.

The contract for coal has been made with the Fairmont Coal Co. of Cincinnati, Ohio on the basis of $3.15 for steam lump, delivered.

The porch at the greenhouse is in a bad state of repair and requests has been made by Mr. Gunnison for a new porch. I should like to have the matter referred to the Committee on Buildings and College Property.

The question of heating the greenhouse during the coming winter or for so long a time as shall intervene between the present and the installation of the new heating system will require attention very soon. There are several methods by which this can be done, each of which involves considerable expense. I should like instructions regarding the subject.

The Board directed some time ago that the literature required by Mr. Marshall for his work should be paid by the college and become a part of the college property. This is divided between that properly belonging to his department and that which belongs to the Experment Station. The Director of the Station was unwilling to approve the bill from the Experment Station funds and it was paid for and charged to the Miscellaneous fund. I think it proper in this matter that the Board should direct and if they deem it proper that the Experment Station literature should be paid from the Experment Station funds, there should be a transfer of this account. The amount of this bill is about $184.00

Mr. Elderkin who for some fifteen years has been janitor at the college has an account standing against him for about $10.00 which has been running

for some time. His salary is but $* 0.00 per month and with some sickness in his family he has been unable to meet it. Would it not be just to remit the amount of this bill?

At the last meeting attention was called to the request for a hard wood floor in the G. M. C. A. room. I call your attention to the matter at this time in case you should care to give direction on this matter.

The following advertisement for tunnels has been inserted in the Engineering News, The Engineering Record, The Detroit Free Press, and the Saginaw Courier Herald:

Tunnels and Conduits.

Sealed proposals for the construction of four thousand feet (4,000 ft.), approximately, of tunnels and conduits, including all materials and labor, for a heating and lighting system at the Michigan State Agricultural College will be received until noon of July 15th, 1900 at the office of A. M. Brown Secy. State Board of Agriculture, Agricultural College, Michigan. Plans and specifications are on file at the office of Chas. L. Hall, Consulting Engineer, Agricultural College Michigan.

Each bidder must submit with his proposal a certified check or bond for the sum of Seven Thousand Five Hundred Dollars ($7,500.00) payable to the Secretary of the State Board of Agriculture of Michigan, as provided by law.

The right is reserved to reject any or all bids.

Agricultural College, Michigan.
July 3, 1900.
Telegraph Address: Lansing, Michigan.

All of which is respectfully submitted.

A. M. Brown, Secretary.

Matters relating to greenhouse

The matters relating to the greenhouse were referred to the Committee on Buildings and College Property and the Secretary, with power.

On motion of President Snyder, it was voted hardwood floors to put hardwood floors in the Y. M. C. A. room and the Y. M. C. A. room in Williams Hall.

On motion of President Snyder, it was voted that the pay roll for Mr. Kenney, Cashier be paid for out of the interest of the M. A. C. account.

On motion, it was voted to increase the apportionment of the Miscellaneous fund, $600.00

On motion of Mr. Wallace, all bids received for the construction of tunnels were rejected and the Secretary was directed to readvertise, the Consulting Engineer to change the specifications in regard to the composition of the concrete

The Committee on Employees, to whom was referred with power the filling of such subordinate positions on the teaching force as were not provided for at last meeting, begs leave to report the appointment of:

Mr. Ray R. Power, as Instructor in Chemistry, at a salary of $650.00 per annum.

Mr. H. S. Curtis, Instructor in Physics and Electrical Engineering, at $700.00 per annum.

Miss Elida Yakeley, as Stenographer, President's Office at a salary of $600.00 per annum.

Mr. Garret Maneelink, as Clerk to the President, to have in charge also the publication of the Record, publishing of bulletins and advertising work of the institution. at a salary of $1000.00 per annum.

The following proposition as agreed upon by the Board at the last meeting was made to Professor Neil and his consent thereto is herewith attached.

June 20, 1903.

Prof. S. L. Neil,
M. A. C.

My dear sir:- Your resignation as Professor of Mechanical Engineering and Director of the Mechanical Dept. has been carefully considered by our board and I am

President Snyder, the following report of the Committee on Employees was received and on motion duly adopted

Hardwood floors

Y. M. C. A. Room

Pay roll for Mr. Kenney

Miscellaneous fund

Letter to Prof. Neil

authorized to make to you the following proposition
first: that you remain as an employee of the college
in the capacity of Director of the Mechanical Departm
giving at least half your time to the work of the
institution: that you take charge the engineering
work of the college, the capacity to prepare all plans
and specifications for engineering work, to establish
grades, stake out lines, grades, and do such other work as
would naturally fall to an engineer having
charge the improvements at this institution.
Second, that your salary remains as at present, viz.
$1800.00 and house, and that for the engineering work no
extra charge is to be made. It is understood that you
are to assume the responsibility for the work of the
Mechanical Department, and not for the engineering
work. It is also understood that the matter of time
cannot be specifically specified as sometimes your
duties will call you here perhaps a week or more at
a time, while the same may be hours of your other busines
Trusting that this proposition will be satisfactor
to you, I am,

Very truly yours,
J. L. Snyder.

Agricultural College, Michigan,
June 22nd 1903.

President Snyder,
M. A. C.

Letter from Prof. Neil

My dear sir:- The arrangement proposed in your letter
of June 20th with regard to my position at the College,
is entirely satisfactory to the writer and I am pleased to
accept the position tendered in said letter.
Further, I desire to thank you for the con-
sideration you have shown the writer in the above
connection.
Trusting that I may be able to render the
Board and yourself satisfactory service under our new
arrangement, I am,

Yours respectfully,
Chas. L. Neil.

Communication from Prof. Jeffery refered to Sec'y.

On motion of Gr. Graham, the communication
of Prof. Jeffery previously referred to the Committee on
Buildings and College Property, was referred to the
Secretary, with power.

Adjourned to meet at the call of the President.

A. H. Brown Secy.

Meeting of the State Board of Agriculture.

College Board Room.

1:30 P. M. August 27, 1903.

Present. Vice-President Munn, Messrs. Graham, Wallace, Moore and President Snyder.

The minutes of the previous meeting were read and approved.

Appointment of E. N. Allis as Asst. Inspector

The appointment by Professor Taft Inspector of Nurseries of E. N. Allis of Adrian as Deputy Inspector at a salary of $2.00 per day was confirmed.

Assistants for Mr Robison + Prof. Hedrick

A communication from Professor Smith with reference to an assistant for Mr. Robison was referred to the Committee on Experiment Station. The matter of an assistant for Professor Hedrick was referred to President Snyder, with power.

Appropriations for Fairs

On motion of Mr. Graham, an amount not exceeding $800.00 was appropriated with which to make an exhibition from the College at the State Fair at Detroit and the West Michigan Fair at Grand Rapids.

Bids for Tunnels

On motion of President Snyder, the bids for tunnels were opened. The following are the bids:

Standley Construction Co., Philadelphia, Pa.	$45,000.00
Rudolph Bleser Co. Chicago, Ill.	47,988.00
Murray + Ayers, Bad Axe, Mich.	41,000.00
G. W. Best, Cincinnati, O.	62,057.27
W. J. Gunn, Cleveland, O.	47,398.00
Geo. F. Cotter Co., Cleveland, O.	47,800.00
Kenney Bros.	49,900.00
Henry P. Davis + Co., Detroit, Mich.	47,685.00

Contract for Tunnels to Murray + Ayers

On motion of Mr. Wallace, the contract for tunnels was awarded to Murray + Ayers at $41,000.00 based upon their bid; it to be necessary that a bascule manner in the specification be changed with the consulting engineer to vary the proportions at different points.

Report of Committee on Employees

On motion of Mr. Graham, the report of the Committee on Employees recommending:

Mr. F. O. Churchill, Instructor in Agriculture, at $550.00

Mr. Horace H. Foster, Jr., Instructor in Animal Husbandry at $600.00

Mr. Ward A. Shedd, Instructor in Mechanical Engineering at $750.00
Mr. Otis M. Riggs, Instructor in Chemistry, at $550.00
Mr. George W. Hartwell, Instructor in Mathematics, at $600.00,
was adopted.

$600.00 added to Farm Department

On motion of Mr. Graham, $600.00 was added to the apportionment of the Farm Department in lieu of one additional assistant.

Pres. Snyder & Supt. Veil authorized to purchase engine & install lighting plant

On motion of President Snyder, the Secretary and Superintendent Veil were authorized to purchase an engine and install a lighting plant at the College.

Water heater in Supt. Veil's house

On motion of President Snyder, the Secretary was authorized to install one of the old water heaters in the house occupied by Professor Veil.

Additional Vault provided in Secretary's Office

On motion of Mr. Graham, the Secretary was empowered to provide additional vault room at the Secretary's Office.

Exp. Sta. Supts. to report receipts weekly

The following resolution was, on motion, adopted:
Resolved, that the Superintendents of the Experiment Station at South Haven and the Upper Peninsula Experiment Station at Chatham, be required to report receipts of their respective Stations weekly.

Nine hour day on all mechanics

On motion of Mr. Wallace, it was voted that ten hours be considered a day's work for all mechanics and laborers employed by the College.

Lansing & R.R. matter

The matter relating to the Lansing Railroad was, on motion, referred to Mr. Mowry, with power.

Appropriation for butter scoring divided with cheese scoring

On motion, it was voted that any portion of the amount set apart to pay the expense of butter scoring, and not yet expended, be divided between the expenses for butter scoring and cheese scoring, and that future appropriations be also equally divided.

Adjournment to Sept. 9th

On motion of President Snyder, it was voted that at when the Board adjourn, it adjourn to meet at Pontiac, September 9th.

On motion, adjourned.

A. M. Brown Secy

Meeting of the State Board of Agriculture.

Antrim Iron Hotel, Bay View, Michigan.
September 7, 1903 7 o'clock P. M.

Present, Vice-President Weaver, Messrs. Wallace, Moon and President Snyder.

No quorum, adjourned

There being no response, adjournment was taken until 9 o'clock A. M. September 10th.

September 10, 1903. 9 o'clock A. M.

Present, Vice-President Weaver, Messrs. Graham, Wallace, Moon and President Snyder.

The reading of the minutes was postponed.

Mr. Blair's Salary increased

The recommendation of Prof. Shaw to the effect that Mr. Blair's salary be raised $50.00 per year was, on motion of Mr. Graham, adopted.

President authorized to employ extra help.

On motion of Mr. Wallace, the President was authorized to employ such extra teachers as, in his judgement, may seem necessary at the opening of school.

Preliminary Report in re Munising R.R.

Mr. Weaver, to whom was referred the matter relating to the Munising Railroad at the Upper Peninsula Station made a preliminary report and asked further time.

Water System Accepted

On motion of President Snyder, the water system as put in under contract with J. C. Brooks and Sons, was accepted and the final payment directed to be made by the Secretary under the advice of the consulting Engineer.

Allowance of rent to Mr. Nendl

On motion of Mr. Wallace, the question of allowance of rent to Mr. Nendl in case he gives up his house, was left with the President and Secretary with power.

½ of Mr. Blair's salary charged to Farm Dep't.

On motion of President Snyder, it was voted that one-half of Mr. Blair's salary as foreman of the Farm be charged to the Farm Department.

Election of President of Coard

On motion of Mr. Moore, the Board proceeded by informal ballot to the election of president. The result of the ballot was four votes for Mr. Moore and one for Mr. Graham.

On motion of Mr. Graham, the ballot was declared formal.

Election of Vice-President

On motion, the Board proceeded to the election of Vice-president by informal ballot, which resulted in four votes for Mr. Graham and one for Mr. Moore.

On motion, the ballot was declared formal.

Land Comm. instructed to sell 2000 acres in T. 27

On motion of Mr. Moore, the Secretary was directed to instruct the Land Commissioner to sell the lands belonging to the Agricultural College in Township 27 Range 2 East, amounting to 2000 acres for the sum of $60,000.00.

Prof. Taft & Secy. instructed to visit U.P. Station

On motion, Prof. Taft and the Secretary were instructed to go to the Upper Peninsula Station and investigate the conduct of the business, the method of employing help, signing of pay-rolls, the disposition of the products of the Station and any other matters relating to the conduct of the business of the station.

On motion, adjourned.

Att Brown Secy

Meeting of the State Board of Agriculture.

College Board Rooms.

October 27, 1903. 10:30 A. M.

Present, President Mercer, Messrs. Dice, Moore and President Snyder.

No quorum being present, adjournment was taken until 2 o'clock P. M.

2 O'clock P. M.

Present, President Mercer, Messrs. Dice, Moore, Graham and President Snyder.

The minutes of the last two meetings were read and approved.

President Snyder presented the following report in reference to the conduct of the college:

President's Report

"To the Honorable State Board of Agriculture
Gentlemen:-

I have the honor to report that since our last meeting three employes have handed in their resignations.

Mr. Martin D. Atkins, Assistant Professor of Physics and Electrical Engineering resigned on September 23rd, to take effect on October 1st. After a consultation with the Chairman of the Committee on Employes, his resignation was accepted. The work is now being carried on by the instructors in this department with the addition of another assistant.

On October 5th, Mr. M. L. Dean, Instructor in Horticulture, resigned to the head of the Department of Horticulture, Professor Hedrick, and asked to be relieved immediately in order that he might accept a position with the State Commission of the Louisiana Purchase Exposition. Authority was given Prof. Hedrick to accept this resignation.

Mr. H. H. Patmarche, Assistant Librarian, handed in his resignation on October 2nd, to take effect on October 15th. As there was, in my judgment, no good reason why Mr. Patmarche should leave us in the busiest part of the year, I refused to accept his resignation. He, however, left the College on the 15th to accept a position in an office in Detroit.

The large increase in attendance made it necessary to employ an additional instructor in Mathematics. Mr. A. C. Jones, a graduate of the University of Illinois; was

employed at a salary of $550.00 per annum.

Mr Perry Edmonds was also employed to assist in the Chemical Department at a salary of $550.00 per year.

The Department of Drawing was authorized to employ a student to assist six hours per week during the coming term.

The total enrollment is now 790, about 375 of whom are new students. The greatest increase is in the four year Agricultural Course. Forty-five young men qualified for this course. Of the five year class of last year, twenty-seven have returned. This makes a total freshman class of 72. These men practically meet the requirements which all good universities lay down for entrance to their college courses. This class is by all odds the best that has ever entered the Agricultural Department of this institution. Sixty have entered the five year course in Agriculture. The fears that some of us have entertained for several years, that our long courses in Agriculture might grow weaker each year, are allayed, at least for the present, by the large number of good students who, from choice, have entered the Agricultural Course this year.

Respectfully submitted,

J. L. Snyder"

Committee to confer with Land Commissioner

On motion of Mr. Moore, a committee consisting of Mr. Bliss, Mr. Wallace and Mr. Graham were appointed to confer with the Land Commissioner, Mr. Wildey in regard to the proposed sale of the college lands in Accomack County and recommend to the Board the proper steps to be taken in this matter.

Reports from Prof. Taft

President Snyder presented reports from Professor Taft upon Nursery Inspection and Farmers Institutes.

Meeting of Ex. Sta. Chemists at Washington

A communication of Mr. Robison in reference to attending a meeting of Experiment Station Chemists at Washington November 18-21 was, on motion of Mr. Bliss, referred to President Mowry and President Snyder.

Draining Hort. basement

On motion of Mr. Graham, the matter of draining and repairing the basement of the Horticultural building was referred to the Secretary, with power.

Lathes for Mech'l. Dep't.

The request of Prof. Neil for the purchase of two lathes was on motion of Mr. Bliss, referred to the Committee on Mechanical Department.

Meeting of College Pres. & Exp. Sta. Workers at Washington 1902.

On motion of Mr. Ellis, President Snyder and Mr. Graham were authorized to attend the meeting of College Presidents and Experiment Station Workers to be held at Washington, November 17th.

The Secretary then read the following business report:

Secretary's Report

"To the Honorable State Board of Agriculture:

Gentlemen:-

I herewith submit the following report of matters pertaining to my office since the last meeting of the Board:

Final settlement has been made with J. C. Brooks and Sons for water pipe contract covering the entire amount paid them $7119.04 and the entire amount expended to date $10,990.63 and leaving a balance of the appropriation unexpended $1631.04. There remain a few charges that have not been entered against the account but these are of small amount.

The contract with Murray & Ryan has been closed and the bonds executed. The test of them will be given in the next report, it having been necessary to return my bond for the correction of some technical defect. These bonds are for $10,000. so each and are endorsed by the United States Fidelity and Guaranty Co., of Baltimore Md.

The drain for the tunnels is now being put in extending from the river to the site of the power house.

Five of the hot water heaters have been installed at Prof. Vail's residence and one at the P. O. building, which makes a new satisfactory disposition of them. The new steam line to the greenhouse is working very satisfactorily and greatly relieves the anxiety of the foreman, Mr. Gunson.

The meteorological records started so long ago by Prof. Kedzie have been continued by Mr. Robison under the Experiment Station. I do not know whether it is the wish of the Board that the expenses connected with this work should be charged to the Experiment Station or not and should like instruction on this point.

All of which is respectfully submitted.

A. M. Brown, Secretary."

The following resolution was, on motion of Mr. Moore, adopted:

Resolution in re Tunnels

Whereas, under date of June 17th, 1903, the following appeared of record upon the minutes of the Board:

Whereas, at a meeting of the State Board of Agriculture held in Detroit on September 24th, 1902, the following

resolution was passed:

Resolved, That $60.000.00 of the amount arising and becoming available under the provisions of Sections I and II of Act 232. Session laws of 1901 be apportioned and set aside for the construction of a central Boiler House, its necessary equipment and the installation of a water system.

And Whereas, it seems desirable to enter upon the construction of one of the several items contemplated in this blanket resolution above quoted viz: the water system, apart from the other, Therefore

Resolved, That $12,000.00 of the amount appropriated under this resolution be especially set apart for the installation of a water system at the Agricultural College.

And Whereas no expenditures of money have been made for the $60,000.00 set aside and it appearing that the best interests of the College will be subserved by the construction of tunnels for steam pipes during the present season and the installation of pipes in them, Therefore

Resolved, That $45,000.00 of the aforesaid $60,000.00 which was set aside for the construction of a central boiler house be especially set aside by this resolution for the purpose of the construction and equipment of tunnels for steam pipes".

And Whereas, it appears from the records of the Auditor General's office that there had been a requisition for $8,000.00 drawn against the $12,000.00 appropriation for water system and paid under date of May 20th, and also that there has now been drawn against the same fund under date of August 26th, a further requisition for $4,000.00, thus leaving but $48,000.00 of the $60,000.00 set aside by the resolution at the meeting of the Board held under date of September 24th, 1902, Therefore

Resolved, That the minutes of the meeting of June 17th, 1903, in so far as they refer to the amount set aside for the water system be amended so that the resolution to be filed with the Auditor General will show that but $48,000.00 of the $60,000.00 transferred and set aside by the resolution of September 24th, 1902, for the construction of a central power house, its necessary equipment and installation of water system, remains, which amount is hereby set aside for the construction and equipment of tunnels for

steam pipes, which are in fact a necessary adjunct to the construction of a Central Heating and Power Plant, to which reference was made in the Resolution adopted under date of June 17th, 1913

Lockers for Women's Dept

On motion of Mr. Moore, the Women's Department was authorized to provide necessary lockers for the accommodation of the girls living outside of the building

Adjournment

On motion of Mr. Goodwin, it was voted that when the Board adjourns, it adjourns to meet at the Land Commissioner's Office, Nov. 11th at 10 o'clock A. M.

On motion, Adjourned.

Attest Brown Secy

Meeting of the State Board of Agriculture.

Land Commissioner's Office, Lansing, Michigan.

November 11, 1903. 10 O'clock A. M.

Present, Vice-president Graham, Messrs. Wallace, Bliss, Moore and President Snyder.

The reading of the minutes of the previous meeting was dispensed with.

Lands in Oscoda County

The committee appointed to consider the question of the sale of the Agricultural College lands in Oscoda County made the following report which, on motion of Mr. Moore was adopted and the Land Commissioner directed to sell the lands in accordance therewith:

Report of Committee on College Lands

"Your committee to whom was referred the matter relating to the sale of the Agricultural College lands situated in Townships 27 N. - 2 East, Oscoda County, respectfully report that they have placed the following valuations upon the lands in question based upon the examination made under the direction of the Land Commissioner and recommend that the lands be sold on the basis of this appraisal.

A. P. Bliss
R. D. Graham
W. K. Wallace

Appraisal of College Lands

North-East Quarter of the North-East Quarter of Sec.			1	$35.00
North-West	"	North-West	1	25.00
South-West	"	"	1	768.50
North-East	"	North-East	2	875.25
North-West	"	"	2	673.60
South-West	"	"	2	563.75
South-East	"	"	2	644.87
North-East	"	South-East	2	926.25
South-East	"	South-West	2	946.00
South-West	"	"	2	786.50
South-East	"	South-East	2	1680.70
North-East	"	South-West	2	666.00
North-West	"	"	2	637.32
North-West	"	South-East	2	692.00
South-West	"	"	2	862.62

North-East	Quarter of the	South-East	Quarter of	Sec.	3		$ 920.27
North-West	"	"	"	"	"	"	3	748.00
South-West	"	"	"	"	"	"	3	797.87
South-East	"	"	"	"	"	"	3	959.75
North-East	"	"	North-East	"	"	10		849.50
North-West	"	"	"	"	"	"	10	910.25
South-West	"	"	"	"	"	"	10	827.25
South-East	"	"	"	"	"	"	10	928.95
North-East	"	"	North-East	"	"	11		1294.40
North-West	"	"	"	"	"	"	11	1691.60
South-West	"	"	North-West	"	"	11		896.10
North-West	"	"	"	"	"	"	11	1191.20
North-East	"	"	"	"	"	"	11	665.12
North-East	"	"	South-East	"	"	11		1120.50
South-West	"	"	"	"	"	"	11	1030.20
South-East	"	"	"	"	"	"	11	860.40
North-West	"	"	"	"	"	"	11	961.05
South-East	"	"	North-West	"	"	11		654.60
South-West	"	"	North-East	"	"	11		1852.27
South-East	"	"	"	"	"	"	11	1453.45
North-East	"	"	South-West	"	"	12		565.20
North-West	"	"	"	"	"	"	12	660.85
South-West	"	"	"	"	"	"	12	498.50
South-East	"	"	"	"	"	"	12	330.00
North-East	"	"	North-West	"	"	13		667.25
South-West	"	"	"	"	"	"	13	738.63
South-East	"	"	"	"	"	"	13	655.30
North-West	"	"	"	"	"	"	13	635.00
North-East	"	"	South-West	"	"	14		834.60
South-West	"	"	"	"	"	"	14	741.36
North-West	"	"	North-East	"	"	14		954.05
South-West	"	"	"	"	"	"	14	906.12
South-East	"	"	"	"	"	"	14	888.60
North-East	"	"	"	"	"	"	14	577.00
South-East	"	"	South-West	"	"	14		339.60
North-West	"	"	"	"	"	"	14	602.10
North-West	"	"	South-East	"	"	22		217.00
South-West	"	"	"	"	"	"	22	731.07
South-East	"	"	"	"	"	"	22	524.11
North-East	"	"	"	"	"	"	22	480.11

South-West Quarter of the	North-West Quarter of	Sec.	23	$1619.60
South-East "	" "	"	23	2165.46
North-East "	" "	"	23	1311.35
North-West "	" "	"	23	1295.84
North-East "	North-East "	"	24	961.00
South-East "	" "	"	24	1047.01
South-West "	" "	"	24	1005.60
South-East "	South-West "	"	24	1007.22
North-East "	" "	"	24	847.10
North-West "	" "	"	24	891.25
South-West "	" "	"	24	1003.20
North-West "	North-West "	"	25	1017.00
North-East "	" "	"	25	1029.85
South-East "	" "	"	25	1032.46
South-West "	" "	"	25	1204.74
North-West "	South-West "	"	25	1097.76
North-East "	" "	"	25	1163.40
North-East "	North-East "	"	27	529.82

On motion of Mr. Bliss, Prof. Taft was authorized to attend the National Association of Nursery Inspectors to be held in Washington, November 17-19.

Round-up

On motion of Mr. Bliss, it was voted that the Round-up Institute be held at the Agricultural College.

W. M. Broom employed as assistant in Mech'l. Dep't.

On motion, it was voted that W. M. Broom be employed at a salary of $65.00 per month as Inspector on the tunnel work and as assistant in the Mechanical Department for such portions of the time as are not employed in the inspection of the aforesaid work.

Bill of nurse and doctor in case of college plumber

The payment of the bill of the nurse and the doctor in the case of Mr. Gibbons, the college plumber recently injured in an explosion, was referred to President Snyder and the Secretary, with power.

Payment of student labor

On motion of Mr. Bliss, it was voted that student labor be paid at current prices, the same to be determined by the President and Secretary.

On motion of President Snyder, $500.00 was

Apportionment for Eng. Department

apportioned to the English Department for the employment of additional assistance.

Additional appt'ment for Chemical Department

On motion of President Snyder $250.00 was added to the apportionment of the Chemical Department for the present period.

On motion, adjourned at the call of the President.

Att Brown Secy

Meeting of the State Board of Agriculture

College Board Rooms

December 9, 1903 10:30 A. M.

Present, President Mowrer. Messrs. Graham, Wallace, Moore and President Snyder.

The minutes of the two previous meetings were read and approved.

Repairs on Bot. Laboratory

On motion of Mr. Graham, a request from Prof. Barrows in regard to repairs in the rooms of his department, was referred to President Snyder and the Secretary, with power.

Rooms for Women's Literary Societies

The committee on buildings and college property, to whom was referred the question of quarters for other literary societies in the Women's Department, made the following report which was, on motion of Mr. Moore, adopted:

"Agricultural College, Michigan
November 10, 1903.

Report of Committee Buildings & College Property

To the Honorable State Board of Agriculture,
Gentlemen:-

The Committee on Buildings and College Property, to whom was referred the petition of the Sorosian Literary Society for a room in which to hold their Society meetings, begs leave to report as follows:

There are enrolled in the College at present two hundred and ten young women. The College provides, in the basement of our Women's Building, two rooms for Society purposes. These two rooms are occupied by Societies known as the Feronian and the Phemdian. These organizations have papered these rooms and furnished them, although they have never been given any official grant by the Board of the use of the rooms. It is very apparent that Society privileges are not open to a majority of the young women. It seems reasonable, also, that if Societies are a benefit to a few young women, that more Societies would be an advantage to a larger number.

It is, therefore, recommended that the room

now occupied by the Ferronian Society be officially given over to the use of the Ferronian and the Sorosian Societies, each to have equal privileges, with the exception that the older Society shall have the first choice on the selection of evening for regular meetings. Also, that the Sorosian Society either pay to the Ferronian Society an annual rentage for the use of furniture, or pay to the Ferronian Society a fair and just sum for a half interest in the equipment and furniture already provided. If the two Societies cannot make such an agreement, the matter shall be adjudicated by the Faculty or such committee as it may designate.

It is further recommended that another Society be formed among the young women, and if such a Society is organized and approved by the Faculty, that it be given the same privileges with reference to the room now occupied by the Ferronian Society as is hereby granted to the Sorosian Society with reference to the room occupied by the Ferronian Society.

It is also recommended by your Committee that each Society referred to above be required to maintain a membership of not less than forty active members in order to retain the privilege of a room.

Respectfully submitted.

Expenses of Secretary of County Institute Society to Round-up Institute

On motion of President Snyder, it was voted that the expenses of the secretary or of one representative from each county institute society to the Round-up Institute shall be paid from the Institute fund, but in no case to exceed $5.00.

Adjournment was taken until 2:30 P. M.

College Board Rooms.
2:30 P. M.

Same members present.

Accounts of Board members

On motion of President Snyder, the president of the Board was authorized to certify to the accounts of Board members to date.

Additional room for Phi Delta Society

The request of the Phi Delta Society for additional room was referred to President Snyder and the Secretary with power.

Expenses of Dr. Beal to Scientific meetings at St. Louis

On motion of President Snyder, it was voted that Dr. Beal's expenses, not to exceed $40.00, incurred in attending the scientific meetings to be held at St. Louis during the coming vacation, be allowed.

Advertisement for bids for Central Boiler House

On motion of Mr. Wallace, the Secretary was directed to advertise for bids for the construction of a Central boiler house and to advertise separately for bids for the structural steel work, in accordance with the plans and specifications of the College architect, Mr. Bond.

Room for Club - Boarding Assn.

On motion of President Snyder, the Secretary was authorized to fit up the room under Abbot Hall for use of the Club Boarding Association, for a store room.

Report of Comm. on Employees

The following report of the Committee on Employees was presented and on motion of Mr. Graham, was adopted:

"The Committee on Employees begs leave to report that it is not ready to make a final recommendation of a candidate for the position made vacant by the resignation of Professor Atkins.

It recommends that the President be authorized to employ such assistance for Professor N. O. Hedrick as may be necessary.

Assistant for Prof. N. O. Hedrick

Mr. H. J. Eustace is recommended for the position of Instructor in Horticulture and Assistant Horticulturist of the Experiment Station at a salary of $900.00 per annum, one half to be paid from each fund."

Mr. H. J. Eustace

The Secretary read the following business report:

Secretary's Report

"To the Honorable State Board of Agriculture.

Gentlemen:-

I beg leave to submit the following report from my office since the last meeting:

As previously reported, the contract and bonds given by Murray & Ayers have been completed and are herewith transcribed. You will note that there are two bonds, one covering the enforcement of the contract and the other providing for payment of labor and material men:

Contract of Murray & Ayres

'This Agreement, Made this twelfth day of October in the year of our Lord one thousand nine hundred and three,

By and Between, The State Board of Agriculture of the State of Michigan, party of the first part, and Samuel N. Murray and Frank Cayes, co-partners, doing business under the firm name of Murray & Cayes, of Bad Axe, Michigan, parties of the second part.

Witnesseth: First. That the said parties of the second part, for and in consideration of the covenants and agreements hereinafter contained and compensation hereinafter specified hereby covenant and agree to and with the said party of the first part to furnish all materials, tools, machinery and labor and to construct a system of tunnels and conduits in and upon the property known and described as the State Agricultural College of Michigan, and in strict accordance to and with the plans, specifications, conditions, etc. of the Consulting Engineer, C. L. Neil, which plans, specifications, conditions, etc. are hereto attached and are hereby distinctly understood to be incorporated in and form a part of this agreement as if the same had been embodied therein and to be binding as to all the conditions therein contained upon the parties hereto.

Second. The said parties of the second part further covenant and agree that they will enter upon the work contemplated and provided for by this contract and said plans, specifications, conditions etc. on or before the first day of November, 1903 and to will and sufficiently perform, finish, complete and turn the same over to the said party of the first part free from liens or claims of any kind whatsoever, on or before the first day of November, 1904.

Third. The parties hereto further covenant and agree that no payment made upon this contract shall be construed as an acceptance of improper or defective material or faulty workmanship.

Fourth. The said party of the first part hereby covenants and agrees, in consideration of the covenants and agreements herein mentioned to be kept by the said parties of the second part being kept and performed in all respects by said parties of the second part, to pay to said parties of the second part upon estimates to be made by the Consulting Engineer in accordance with the terms of said plans, specifications conditions etc. contained and forming a part of this agreement, including the final payment, the sum of Forty-one Thousand Dollars ($41,000.00).

Fifth. It is further covenanted and agreed, however, between the parties hereto, that the gross sum hereinbefore mentioned to be paid by said party of the first part to said parties of the second part for the completion of the entire work herein contracted for, may be varied by

additions or deductions in accordance with the prices submitted in the proposal of the said parties of the second part, which is attached hereto and made a part of this contract.

Sixth. It is further covenanted and agreed by and between the parties hereto that all alterations, changes or deviations from the plans, specifications, conditions, etc herein specified and referred to, shall be first authorized by the Consulting Engineer, and all the additions or deductions in cost of construction, including the furnishing of all material and labor necessary therefor, shall be agreed upon in writing before the work shall be done necessary to make such alterations, changes or deviations.

Seventh. It is further covenanted and agreed by and between the parties hereto that this agreement becomes valid and operative only upon the execution and delivery of a surety bond for the sum of Ten Thousand Dollars ($10,000.00), under and pursuant to the provisions of Act No. 94 of the Public Acts of 1883, and also a surety bond for the sum of Ten Thousand Dollars ($10,000.00) to insure the performance of the terms of this agreement, by the said parties of the second part.

Eighth. It is further mutually covenanted and agreed by and between the parties hereto that no assignment of this contract shall be made by the said parties of the second part, except on the written consent of said party of the first part.

In Witness Whereof, the parties to these presents have hereunto set their hands and seals the day and year written above.

In Presence of
H. H. Simpson
Bert D. Wright
(Seal)

The State Board of Agriculture
by A. M. Brown, Secretary (L. S.)
by C. J. Monroe, President (L. S.)
Murray & Ayers (L. S.)
Samuel N. Murray (L. S.)
Frank Ayers (L. S.)

Bond

Know All Men By These Presents, That we, Samuel N. Murray and Frank Ayers, co-partners, doing business under the firm name of Murray and Ayers, of Bad Axe, Michigan, as Principals and the United States Fidelity and Guaranty Co., a corporation created and existing under the laws of the State of Maryland and whose principal office is located at Baltimore, Maryland, as Surety, are held and firmly bound unto the State Board of Agriculture of the State of Michigan in the full and just sum of Ten

Thousand Dollars ($10,000.00) lawful money of the United States, to the payment of which sum well and truly to be made, the said Principals bind themselves, their heirs, executors and administrators, and the said Surety binds itself, its successors and assigns, jointly and severally by these presents.

Signed, sealed and delivered this 5th day of October A.D. 1903.

Whereas, the said Principals have entered into a certain written contract or agreement with the State Board of Agriculture of the State of Michigan, bearing date the 12th day of October A.D. 1903, to furnish all materials, tools, machinery and labor and to construct a system of tunnels and conduits in and upon the property known and described as The State Agricultural College of Michigan, in accordance with the plans, specifications, conditions, etc., prepared therefor and mentioned in said contract, and

Whereas, the said Surety by this instrument guarantees the faithful performance and completion of the conditions of said contract, in accordance with the plans, specifications, conditions, etc., therein referred to and made a part thereof, and that the work thereunder shall be first class in every respect and shall be free from defective or inferior workmanship or material:

Now, Therefore, the condition of this obligation is such, that if the said Principals shall furnish all materials, tools, machinery and labor and construct and complete said system of tunnels and conduits in and upon the property known as The State Agricultural College of Michigan, in strict accordance to and with said contract and the plans, specifications, conditions, etc. therein mentioned and made a part thereof, and shall faithfully perform and fulfill the several conditions of the said contract; then this obligation shall be void, otherwise to remain in full force and effect.

In Witness Whereof, the said Principals have hereunto set their hands and seals, and the said Surety has caused these presents to be sealed with its corporate seal, duly attested by the signature of its 2nd Vice President and its 4th Assistant Secretary, the day and year first above written.

Signed, Sealed and Delivered
in Presence of
H. H. Simpson
A. C. Sutphen
H. Heath Kurz

L. H. Murray (L. S.)
Frank Ayers (L. S.)
Principals
The United States Fidelity and Guaranty Co.
Surety

Attest: Edw. J. Fennimore
2nd Vice President
Albert H. Buck
4th Asst. Secretary

State of Maryland }
City of Baltimore } ss.

On this 12th day of October 1903; before me appears Edw. J. Pennington 2nd Vice President of the United States Fidelity and Guaranty Company, of Baltimore city, Maryland, with whom I am personally acquainted, who being by me duly sworn, says that he is 2nd Vice President of The United States Fidelity and Guaranty Company; that he knows the corporate seal of the Company; that the seal affixed to the foregoing instrument is such corporate seal; that it was affixed by the order of the Board of Directors of said Company; that he signed said instrument as 2nd Vice President of said Company by like authority. The said Edw. J. Pennington further says that he is acquainted with Albert H. Buck and knows him to be the 4th Assistant Secretary of the said The United States Fidelity and Guaranty Company; that the signature of the said Albert H. Buck subscribed to the said instrument is the genuine handwriting of the said Albert H. Buck and was thereto subscribed by like order of the said Board of Directors.

My commission expires May 5. 1904.

A. D. Patrick
Notary Public.

(Notarial Seal)

Bond

Know All Men By These Presents, That we, Samuel N. Murray and Frank Ayers, co-partners, doing business under the firm name of Murray & Ayers, of Bad Axe, Michigan, as Principals, and the United States Fidelity and Guaranty Company a corporation created and existing under the laws of the State of Maryland and whose principal office is located at Baltimore, Maryland, as Surety, are held and firmly bound unto the People of the State of Michigan in the full and just sum of Ten Thousand Dollars ($10,000.00) lawful money of the United States, to the payment of which sum well and truly to be made, the said Principals bind themselves, their heirs, executors and administrators, and the said Surety binds itself, its successors and assigns, jointly and severally firmly by these presents.

Signed, Sealed and delivered this Twelfth day of October A.D. 1903.

Whereas, the said Principals have entered into a certain written contract or agreement with the State Board of Agriculture of the State of Michigan, bearing date the Twelfth day of October, A.D. 1903, to furnish all materials, tools, machinery and labor and to construct a system of tunnels and conduits in and upon the property known and described

as The State Agricultural College of Michigan, in accordance with the plans, specifications, conditions, etc., prepared therefor and mentioned in said contract, and

Whereas, the said Surety by this instrument guarantees that the said Principals and their agents and all sub-contractors shall fully pay, discharge and liquidate all claims, accounts and indebtedness of the said Principals and agents and all sub-contractors, for or on account of all labor performed or materials furnished in fulfilling said contract and performing its several conditions, as the same may become due and payable;

Now Therefore, the condition of this obligation is such that if the said Principals, their agents and all Sub-contractors shall fully pay, discharge and liquidate all claims, accounts and indebtedness of the said Principals, their agents and all sub-contractors, for or on account of all labor performed or materials furnished in fulfilling said contract and performing its several conditions, as the same may become due and payable; then this obligation shall be void, otherwise to remain in full force and effect.

In Witness Whereof, the said Principals have hereunto set their hands and seals, and the said Surety has caused these presents to be sealed with its corporate seal, duly attested by the signature of its 2nd Vice President and its 4th Assistant Secretary, the day and year first above written.

Signed, Sealed and Delivered
in Presence of
H. H. Simpson

L. H. Murray (L. S.)
Frank Ayers (L. S.)
Principals

The United States Fidelity and Guaranty Co.,
Surety

A. C. Supplee
H. Hiram Nusz

Attest: Edw. J. Penniman,
2nd Vice President
Albert H. Buck
4th Asst. Secretary.

State of Maryland }
City of Baltimore } ss.

I Baltimore city, Maryland, with whom I am personally acquainted who being by me duly sworn, says that he is 2nd Vice President of the United States Fidelity & Guaranty Company;

On this 12th day of October 1903; before me appears Edw. J. Penniman 2nd Vice President of The United States Fidelity and Guaranty Company; that he knows the corporate seal of the company; that the seal affixed to the foregoing instrument is such corporate seal; that it was affixed by the order of the Board of Directors of said Company; that he signed said instrument as 2nd Vice President of said Company by like authority. The said Edw. J. Penniman further says that he is acquainted with Albert H. Buck and knows him to be the 4th Asst. Secretary of the said The United States Fidelity and

Guaranty Company; that the signature of the said Albert H. Buck subscribed to the said instrument is the genuine handwriting of the said Albert H. Buck and was thereto subscribed by like order of the said Board of Directors.

My commission expires May 5, 1904.

(Notarial Seal) A. D. Patrick, Notary Public.

Contract with S. Freeman & Sons

The following contract was also entered into with S. Freeman & Sons of Racine, Wisconsin for two marine boilers to be constructed after the plans and specifications furnished by Prof. Neil. We have had considerable difficulty in getting delivery of these boilers owing to the crowded condition of the shops but one of them is now upon the ground and the other has been shipped and will doubtless be here in a few days. These are being placed temporarily in an addition on the south side of the present boiler house and will furnish ample steam capacity for our requirements until removed to the new heating plant.

'The following memorandum of an agreement by and between the S. Freeman & Sons Manufacturing Company of Racine, Wis., party of the first part and the State Board of Agriculture as the corporate representative of the State Agricultural College of Michigan, party of the second part. Witnesseth As Follows, to-wit:-

The party of the first part, for and in consideration of the payments hereinafter stipulated to be made by the said second party hereby agrees to furnish to said second party and deliver and erect in place at the Agricultural College aforesaid two internal furnace boilers in entire accordance with the specifications of the Consulting Engineer, Chas. L. Neil and the proposal of said first party, both of which are hereto attached and constitute a part of this contract; said boilers to be complete and in place October 1st, 1903.

Said second party, in consideration of the completion of the aforesaid undertaking agrees to pay to said first party upon the approval of the Consulting Engineer, the sum of Four Thousand, Two Hundred and Thirty-three Dollars ($4,233.00).

Signed and delivered interchangeably this 1st day of July, 1903.

The S. Freeman & Sons Mfg. Co.
Per C. Freeman, Prest.

State Board of Agriculture
A. M. Brown, Sec'y.

The electric light meters are now being installed in the different houses and departments of the college and is expected all will be in readiness by the expiration of the present flat rate contract, December 31st. The following contract has been entered into with A. A. & F. B. Platt as per your direction, covering a period of one year from January 1, 1904:

Contract with A.A. & F.B. Platt

"This agreement entered into this 2nd day of October, 1903 by and between A. A. & F. B. Platt of Lansing Michigan, hereinafter designated as parties of the first part and the State Board of Agriculture of Michigan, hereinafter designated party of the second part. Witnesseth, As Follows, to-wit:-

First. That the said parties of the first part agree to furnish said second party with electrical power and for this purpose agree to furnish the 135 K. W. Manley Generator - said generator being the property of said second party - now installed in the power house of said first parties, up to a capacity of 100 K. W., as required by said second party, at and during all hours of the day and night except between the hours of 8 A. M. and 4 P. M. on Sundays, for a period of one year, beginning January 1, 1904.

Second. Said parties of the first part do further agree to furnish the necessary skilled labor, oil, etc. etc., to maintain said generator and all auxiliary apparatus installed with same and belonging to said second party, in good working condition for a period of one year, beginning January 1, 1904, except in so far as repairs may be necessary upon said generator and apparatus through wear & tear.

Third. Said parties of the first part do further agree to repair without expense to said second party, any damages that may occur to the generator or auxiliary apparatus belonging to said second party through neglect of said first parties, for a period of one year beginning January 1, 1904.

Fourth. Said parties of the first part do further agree to maintain in first class condition the transmission line as now installed between the power house of said first parties and the grounds of the Agricultural College, during the continuance of this contract.

Fifth. Said parties of the first part further agree to maintain during the period of one year, beginning January 1, 1904, a practically constant voltage at the distributing board at the Agricultural College, the fluctuation in pressure not to exceed two per cent in either way, as required by said party of the second part.

Sixth. Said parties of the first part do further agree that payment for operating generator, attendance, oil, etc., maintaining transmission line or whatever else may be required by the terms of this agreement

to be furnished by said first parties to the party of the second part, shall be made upon the basis of electrical power furnished as registered upon the primary meters installed by the party of the second part at the Agricultural College, as hereinafter provided:

Seventh. Said party of the second part agrees to pay to said first parties for all electrical power furnished by them as registered upon primary meters at the Agricultural College, at the rate of 3 cts. per K. W. hour; readings of the meters to be made on the first day of each month and payment on the basis of said readings to be made on or before the 10 th day of the month.

In Witness Whereof, The parties to these presents have hereunto set their hands and seals the day and year first above written.

State Board of Agriculture (Seal)
by A. M. Brown Secretary (Seal)
(Seal) U. A. & A. B. Platt (Seal)
by A. A. Platt (Seal)

The Club Boarding Association have been considering plans for some co-operative system in purchasing supplies, the expenditure of the clubs of the College is now amounting to more than $30,000.00 per year and the great part of the purchases have been made at practically retail prices. It is the desire of the Association to employ a Purchasing Agent to buy all of the supplies for the several clubs and have some means of storing these in quantities. I have been requested to see if some place could not be provided as a store house for this purpose. There seems to be very little room as things are now situated that could be devoted to this use. Possibly, with some repairs the basement of Abbot Hall on the east side might serve the purpose. I should be glad to be advised in regard to the matter.

It would seem at this time as though some action could be properly taken by the Board looking toward the erection of the new boiler house in connection with the central heating plant. There remains of the tenth mill tax as the accumulation for the last fiscal year, the sum of $43,000.00 which is available for building or other extraordinary purposes. The difficulty in getting structural iron in the past would seem to warrant us getting this work in the hands of the contractors at as early a period as possible in the hope that the plant may be put in operation within the next year. I believe that Mr. Bond has the

plans substantially as indicated and that it would be possible to advertise for bids at almost any time after this.

All of which is respectfully submitted.

A. M. Brown, Secretary.

The following apportionment for the expenditures under June 30, 1914 was, on motion, adopted:

Apportionment

Advertising	$1000.00
Athletic	
Bacteriological	1000.00
Botanical	800.00
Chemical	400.00
Cleaning	1000.00
Contingent Building	
Drawing	
Electric Light	4000.00
English	
Farm	3000.00
Forestry	400.00
Heating	5000.00
Hosiery	
Horticultural	1500.00
Library	800.00
Mathematical	350.00
Mechanical	2500.00
M. A. C. Record	200.00
Military	150.00
Miscellaneous	
President's Office	400.00
Secretary's Office	400.00
Stenographic	250.00
Salaries	33000.00
Veterinary	50.00
Women's	800.00
Zoological	250.00
Special Courses	1500.00

Additional Apportionment for Chemical, Pres. Office + Electric Lights

On motion, $800.00 was added to the apportionment for the Chemical Department, $125.00 to the President's Office and $175.00 for Electric lights, for the present period.

Purchase of two lathes for Mech'l. Dept.

The Committee on Mechanical Department recommended the purchase of two lathes at a price not to exceed $500.00 which recommendation was, on motion, accepted. This amount to be outside of the regular apportionment for the department.

The following report of the State Accountant presented by President Monroe was referred, on motion of President Snyder, to the Finance Committee together with President Monroe and the Secretary:

"October 30th. 1903.

Report of State Accountant

Hon. C. J. Monroe
President, State Board of Agriculture,
South Haven, Michigan

Dear Sir:

I have just reached an opportunity for completing my report of the examination of the accounts of A. M. Brown Secretary, State Board of Agriculture, which was made October 27th. as of the close of business October 26th, 1903.

Page one of this report summarizes the transactions detailed upon pages two to twenty, inclusive. You will see by page one that that portion of the institution accounts which are of record in this office required that the sum exhibited as on hand that night in bank account or cash be the sum of $1468[illegible]7.08. You will also notice that in so far as appears upon this page be complied to a cent with the requirements of the accounts.

I am glad to express the pleasure it is to me to make an examination where transactions of the magnitude found in the Secretary's office are conducted with such exactness. It would hardly do, however, for me not to be equally frank in expressing disapproval of unsatisfactory methods if any were found in connection with a system however meritorious in other respects.

You will recall that I have previously talked with you concerning the advisability of reporting the entire financial transactions covered by your Secretary's duties. Occurrences are not infrequent in my experience which confirm the correctness of my thought upon this question. I do not wish to quote extensively from the laws upon this question, but assuming your habits of industry and also your disposition for looking into things, I wish to refer you to the following sections of the Statutes:

Sections 1192, 1193, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, (Act 271, laws of 1897, act 148, laws of 1899) 1210, 2231, 2232, 2233, 2234, 2235, 2236, 2237, (act 228, laws of 1903).

The abstracts covering the receipts and disbursements which are in use by all state institutions have an affidavit attached, which in effect contains the statement that the papers referred to therein cover all receipts

from every source and all disbursements for any purpose in connection with the institution for that account. As I have previously stated page one on the face of it shows that your Secretary showed up the amount of cash and bank deposit that his accounts demanded, but when closed it for $3,791.86 of this cash asset is analyzed the balance of your system becomes to any avail apparent. For instance in this statement several checks are listed amounting to $2,912.46 drawn by A.M. Brown, Secretary, in favor of A.M. Brown, Secretary. I wish to state parenthetically before going further that it must be understood that I am talking about the possibilities of the system and not about the possibilities of a dishonest person at the head of your Secretary should state that in so far as I have any official information A.M. Brown, Secretary, could pay A.M. Brown, Secretary, $50,000.00 as readily as he could $2,912.46 of the money demanded of him. In the mode, I have no business whatever to take into account the $2,912.46 represented by the checks as much I have referred. Strictly speaking I should have brought out A.M. Brown's cash exactly $2,912.46 less than the demands of his account required. In fact I explain a deficiency to that extent existed. Incidentally I have drawn a statement showing somewhere, as I recall it, about $19,000.00 in the Secretary's hands which was reported to have been to the credit of another account in the bank. I do not believe that said method can be defended under the spirit of our accounting laws, and I unhesitatingly recommend that all transactions of A.M. Brown, Secretary, be reported to the state hereafter. I make this recommendation, as I am well aware, against the prejudice of good friends personally, but I make it in the full belief that not long after its inauguration the plan will give eminently satisfactory to all concerned and that within less than one year from its inception you will be saying — I don't see how we ever tolerated the old system as long as we did.

I call your attention to another feature shown upon page 13 of this report. In the preceding page I have stated that these checks were in effect nothing but deposit slips and were in a sense representatives of cash which as explained to me had been taken from the drawer containing the money belonging to that portion of the funds of the institution which were reported to this office and transferred to another money drawer to meet the necessities of that portion of the institution accounts which were not reported to this office. You will notice that on this page I counted as cash the night of October 26th deposit slips for the money removed from the cash drawer

September 14th, August 31, September 19th, September 26th, October 3rd, October 16th, and October 17th. The one for October 24th of course does not attract my attention.

I suppose that the account in the bank corresponding to the portion of your accounts reported to the state was flush and that the latter one was low. The dates to which I have referred would remind one of transactions commonly called kiting which are sometimes indulged in by so-called business men.

Again suggesting that you keep distinctly in mind that I am attempting to found the scheme instead of the men, I remain

Very respectfully,
Henry Humphrey,
General Accountant.

(1)

Lansing, Michigan, October 27, 1903

Financial statement in connection with the examination of A. W. Brown, Secretary State Board of Agriculture.

Balance on hand as shown by last account current on file in this department for the month ending September 30, 1903, $19582.02

Add receipts since as per sheet "B" 5634.90

Amount available to date 25216.92

Deduct disbursements as per sheet "C" 10529.84

Balance on hand at close of day October 26, 1903, as per Institution accounts 14687.08

Cash in hands of C. A. Davis, Treasurer, as per sheet "D" night of October 26, 1903 $3701.86

Bank Balance of Treasurer as per sheet "E" at close of business Oct. 26, 1903 $14417.19

Deduct outstanding checks as per sheet "F" night of Oct. 26, '03 3431.07

Cash in Treasurer's hands and in bank 10985.22

at close of day October 26, 1903 14687.08

Very respectfully,
Henry Humphrey,
General Accountant.

(6) (2)

Statement of receipts at the State Agricultural College since September 30, 1903, to October 29, 1903, inclusive, as shown by triplicate receipts furnished by the institution.

Date	Name	Amount
October 3, 1903	A. M. Brown, Sec'y.	$65.50
" 3 "	Supt. of Farm Dept.	156.62
" 3 "	Supt. of Exp. Station	13.93
" 3 "	" " Stat. Dept.	64.43
" 3 "	" " South Haven Exp. Station	37.91
" 3 "	A. M. Brown, Sec'y.	177.94
" 7 "	A. M. Brown "	520.31
" 7 "	U. S. Treasurer	3750.00
" 10 "	A. M. Brown, Sec'y.	157.55
" 10 "	Supt. of Farm Dept.	26.68
" 10 "	A. M. Brown, Sec'y.	41.50
" 10 "	Supt. South Haven Exp. Station	54.15
" 10 "	" Upper Penin. " "	1.12
" 10 "	" Stat. Dept.	55.79
" 17 "	A. M. Brown, Sec'y.	113.00
" 17 "	Supt. of Farm Dept.	15.50
" 17 "	" Upper Penin. Exp. Station	3.50
" 17 "	A. M. Brown, Sec'y.	89.03
" 17 "	Supt. South Haven Exp. Station	77.25
" 17 "	" Stat. Dept.	55.38
" 24 "	A. M. Brown, Sec'y.	77.31
" 24 "	P. F. Davis, Treas.	22.72
" 24 "	Supt. Upper Penin. Exp. Station	3.10
" 24 "	" South Haven " "	25.39
" 24 "	A. M. Brown, Sec'y.	20.50
" 24 "	Supt. of Stat. Dept.	188.49
" 24 "	" " Farm "	42.50
		$5634.90

(3)

(3)

Statement of disbursements at the State Agricultural College since September 30, 1903, to October 26, 1903, inclusive, as shown by vouchers furnished by the institution.

Date	Name	Amount
October 6	Higgo & Burton	1.54
" 6	Labor Pay Roll	883.24
" 6	Labor Pay Roll	542.63
" 6	C. B. Taylor	4.70
" 6	Labor Pay Roll	144.66
" 6	D. A. Farrand	24.81

October	6	Robert N. Kendall	3.25
"	6	Sundry Persons	10.86
"	6	C.B. Taylor	4.50
"	6	G.A. Waterman	9.21
"	6	A.M. Brown, Sec'y.	11.20
"	6	Lyon, Kyner & Palmer Company	3.35
"	6	Sundry Persons	3.74
"	6	A.M. Brown, Sec'y.	309.11
"	8	Pere Marquette Ry.	144.21
"	8	Pere Marquette R.R.	22.00
"	12	Robt. Smith Printing Co.	403.78
"	12	Robt. Smith Printing Co.	1.41
"	12	F.N. Robison	11.36
"	12	George Wilcox	24.80
"	12	U.P. Hedrick	6.98
			$2571.34

(C) — Continued. (4)

		Amount Brought Forward	$2571.34
October	12	Michigan Telephone Company	17.29
"	12	Michigan Telephone Company	.80
"	17	H.P. Curtiss	33.24
"	17	Capitol Casting Company	59.26
"	17	Suggs & Burton	4.66
"	17	Suggs & Burton	20.26
"	19	W.A.C. Book-Buying Association	.60
"	19	W.A.C. Book-Buying Association	21.85
"	19	P. Nyteman	5.17
"	19	The St. Bride's Press	4.40
"	19	Siviens Dry Goods Company	78.99
"	19	Altdorf & Son	82.25
"	19	B. F. Stevens & Brown	6.83
"	19	Lawrence & Van Buren Printing Co.	203.81
"	19	Capitol Electric Eng. Co.	430.13
"	19	A.M. Emery	17.39
"	19	E. Bement's Sons	99.25
"	19	Hagenwood & Co.	5.70
"	19	R.C. Whitehead	9.65
"	19	Brown & Lehler	1.45
"	19	C.R. Madison	1.63
"	19	Ernest Kowalk	10.50
"	19	Jarvis Eng. & Machine Works	7.85
"	19	John A. Carr	5.00
"	19	Brown Lumber Co.	72.42
"	19	The Rikerd Lumber Co.	36.84
			$3807.56

(C) — Continued

(5)

Date			
		Amount Brought Forward	$3807.56
October	19	Alabastine Company	16.20
"	19	James Fleming	248.87
"	19	Jno. Jordan	44.25
"	19	Fairmont Coal Company	236.66
"	19	Consolidation Coal Company	63.25
"	19	Standard Oil Company	25.88
"	19	Star Laundry	1.40
"	19	Yates & Edmonds Motor Co.	3.60
"	19	Hall Lumber Company	.95
"	19	Robison Drug Company	5.75
"	19	Board of State Auditors	414.55
"	19	A. A. & E. B. Pratt	225.00
"	19	Bissell & Stebbins	9.48
"	19	Sauer & Lowe Opt. Company	43.55
"	19	Kimmell Bros.	700.00
"	19	F. H. Curran	2.40
"	19	Gilbert, Spaulding & Co.	6.90
"	19	Postal Telegraph Cable Co.	1.00
"	19	Tecton Roof Co.	31.08
"	19	Lansing Wheelbarrow Co.	90.61
"	19	Abe Hafer Co.	2.00
"	19	E. S. Gutts Furniture Co.	23.50
"	19	Hyekoop, Hallenbeck, Crawford Co.	119.40
"	19	Multi-Color Copying Co.	11.20
"	19	J. B. Rayl Co.	15.26
"	19	Crotty Bros.	5.05
"	19	Geo. E. Pudeau & Co.	23.00
			6169.55

(C) — Continued

(6)

		Amount Brought Forward	$6169.55
October	19	Myles A. Gray	13.80
"	19	Lansing Ice & Coal Co.	15.30
"	19	Ward A. Kindwall-Pump Co.	3.85
"	19	Lansing City Elec. Ry. Co.	5.00
"	19	Reed Lumber Co.	3.40
"	19	Standard Oil Co.	55.20
"	19	Ionia Pottery Co.	4.95
"	19	Star Laundry	.40
"	19	J. R. & H. S. Esselstyn	.83
"	19	F. H. Curran	.75
"	19	A. M. Emery	3.15
"	19	Detroit Free Press	6.24
"	19	Lawrence & Van Buren Co.	9.55
"	19	Pere Marquette Ry. Co.	17.29
"	21	Richmond & Backus Co.	44.13

October	21	A. C. Bauer & Co.	$2224
"	21	W. R. Maynard	74.55
"	21	Lyon Bros. & Co.	33.10
"	21	Michigan Telephone Co.	2.25
"	21	C. M. Norton	316.12
"	21	Rouser Bros.	3.75
"	21	Ionia City Tel. Co.	4.00
"	21	Pierce Williams Co.	31.80
"	21	A. M. Prouty	7.35
"	21	Burley & Co.	23.50
"	21	Shields & Leadley	2.55
			$6954.66

(C) – Continued (7)

		Amount Brought Forward	$6954.66
October	21	A. A. Wilbur & Co.	33.00
"	21	J. Stahl & Son	10.82
"	21	J. B. Clow & Sons	38.18
"	21	Coleman Gas Works	125.00
"	21	Hercules Specialty Co	17.25
"	21	J. Malboeuf & Sons	47
"	21	Fay G. Dunning	11.30
"	21	Creamery Pkg. Mfg. Co.	16.75
"	21	N. H. Leesiter	25.00
"	21	J. M. Knapp	31.00
"	21	O. Douglass I. B. B. C. Co.	2.25
"	21	A. Simon	3.50
"	21	J. M. Thornburn & Co.	1.08
"	21	Library Bureau	1.25
"	21	R. Friedlander & Co.	10.00
"	21	Neuffel & Esser Co.	14.40
"	21	Fred Macey Co.	2.50
"	21	Lansing Veneered Door Co.	13.50
"	21	A. Simon Brass Foundry	6.45
"	21	Municipal Engineering Co.	2.00
"	21	Gas Engine Pub. Co.	1.00
"	21	Compressed Air	1.00
"	21	Still Publishing Co.	6.00
"	21	Lansing Journal Co.	40
"	21	Still Publishing Co.	2.00
"	21	Stuckenrieter Mfg. Co.	1.75
			$7332.51

(C) - Continued (8)

Amount Brought Forward $1732.51

October	21	Engineering News Pub. Co.	2.95
"	21	D. Van Nostrand Co.	6.36
"	21	A. Daigger	3.25
"	21	Northrop, Robertson Carrier Co.	3.00
"	21	Watertown Thermometer Co.	33.00
"	21	Scientific Materials Co.	4.35
"	21	The Braselli Chemical Co.	10.56
"	21	Chicago Lab. Supply & Scale Co.	58.73
"	21	Eimer & Amend	140.31
"	21	Baker & Adamson Chemical Co.	158.94
"	21	P. E. Lacey & Co.	14.57
"	21	J. N. Edwards Sons	.25
"	21	Cary & Sedd Co.	.75
"	21	Petty & Staley	6.85
"	21	Caldwell Lawn Mower Co.	4.91
"	21	Morgan & Jackson Machinery Co.	34.05
"	21	Carbutt Dry Plate & Film Co.	3.97
"	21	John Neilly & Son	1.34
"	21	J. E. Stickel	7.75
"	21	Leuchs & Quedenau	.69
"	21	Clay, Robinson Co.	884.38
"	21	C. M. Norton	5.78
"	21	Carbutt Dry Plate & Film Co.	11.66
"	21	A. F. Smith	12.50
"	21	A. C. Bauer Co.	9.73
"	21	A. C. Roller	2.03
"	21	Northrop, Robertson & Carrier Co.	2.07
			$5702.19

(C) - Continued (9)

Amount Brought Forward $5702.19

October	21	C. F. Schneider	1.55
"	21	Courier-Herald Co.	2.10
"	24	B. F. Stevens & Brown	7.82
"	24	Alfred Jorgensen	85.00
"	24	W. J. & B. M. Buck	47.00
"	24	Michigan Supply Co.	437.78
"	24	Bascom & Smith	2.80
"	24	H. D. Church	6.23
"	24	Citizens' Telephone Co.	67.45
"	24	E. H. Sargent & Co.	1.90
"	24	G. A. Waterman	3.54
"	24	Richard Harrison	2.54
"	24	Richard Harrison	5.00
"	24	Holstein-Friesian Associations	.20

October	24	Chas. W. Garfield	12.50
"	24	F. W. Sawbrook & Son	84.20
"	24	McDougall Mer. Co.	3.38
"	24	Harry Whiteley	14.76
"	24	American Express Co.	7.68
"	24	Bell Book & Stationery Co.	1.47
"	24	O. J. Lyon	9.93
"	24	O. J. Lyon	8.29
"	24	Mississippi Historical Society	2.00
"	24	A. C. McClurg & Co.	32.16
"	24	Ashcroft Mfg. Co.	18.00
"	24	American Electrician Co.	1.00
"	24	Crosby Steam Gage & Valve Co.	22.50
			#9718.52

(C) - Continued (10)

Amount Brought Forward #9718.52

October	24	The Foundry	1.00
"	24	Crucible Steel Co. of America	37.53
"	24	Rochester Optical Co.	2.00
"	24	James Bogue	1.00
"	24	Jenett & Knapp	6.50
"	24	Wallace Pierce	2.20
"	24	Leeds & Northrup Co.	2.02
"	24	F. S. Collins	10.00
"	24	Rockwell - Wabash Co.	8.50
"	24	W. D. Tiebt & Co.	13.72
"	24	Andrew Reesh	2.50
"	24	J. B. Goetz	12.44
"	24	Henry Smith	25.00
"	24	C. D. Smith	4.83
"	24	C. D. Smith	.50
"	24	Citizens Tel. Co.	6.00
"	24	A. C. McClurg & Co.	6.08
"	24	G. T. Western Ry.	30.12
"	24	Bascom & Smith	.50
"	24	C. F. Schneider	25.76
"	24	Powers - Tyson Ptg. Co.	4.00
"	24	Michigan Supply Co.	31.09
"	24	F. G. Greenwood	3.15
"	24	Smith Premier Typ. Co.	105.75
"	24	Parke, Davis & Co.	1.48
"	24	M. Hale & Co.	4.25
"	24	The Industrial Press	1.00
			#10089.94

(C) – Continued

(11)

		Amount Brought Forward	$10089.94
October	24	The Bullard Pub. Co.	.90
"	24	H. H. Lamed	3.00
"	24	G. H. Conover	425.00
"	24	Mutual Benefit, Leg.	
		American Hospital Reg. Assn.	.25
"	24	West Disinfecting Co.	10.75
			$10529.34

(D)

(12)

Cash in hands of A. M. Brown, Secretary, at the close of business October 26, 1903, as follows:

Currency	$41.00
Specie	3.30
Nickles, Pennies, etc.	.15
Cash items	3657.41
Total	$3701.86

Classification.

Currency.

$100 bills		
50	"	
20	"	
10	"	$40.00
5	"	
3	"	
2	"	
1	"	1.00
	"	
	"	
Footings		$41.00

Specie

Gold

$20	pieces	
10	"	
5	"	
2.50	"	

Silver

1.00	"	$3.00
.50	"	
.25	"	
.20	"	
.10	"	.30
.05	"	
.03	"	
Footings	"	$3.30

Nickles Pennies, etc.

5 cent	$.10
3 "	
2 "	
1 "	.05
Footings	$.15

Cash items:

Michigan Agricultural College checks, as follows, viz:

These checks are in effect deposit slips, being given by the Secretary to himself for taking cash from the cash drawer which is received from sources that are itemized and reported on triplicates to the Auditor General, and carrying it to accounts with which the transactions are not reported to the Auditor General. These checks are then deposited in the bank to the account of B. F. Davis, Treasurer

and are supposed to place in that account all moneys represented by triplicate receipts given by the Secretary which enter into the accounts that are reported to the Auditor General.

(2) — Continued (13)

These checks are by numbers and amounts as follows, viz:

No. 5339	On City National Bank, dated Sept. 14, 1903,	$245.17
No. 5341	" " " " " " 14, 1903	307.30
No. 5344	" " " " " " Aug. 31, 1903	231.60
No. 5349	" " " " " " Sept. 19, 1903	171.53
No. 5350	" " " " " " Sept. 26, 1903	414.99
No. 5438	" " " " " " Oct. 3, 1903	495.35
No. 5455	" " " " " " Oct. 10, 1903	336.79
No. 5466	" " " " " " Oct. 17, 1903	353.44
No. 5476	" " " " " " Oct. 26, 1903	356.29
Total of checks explained as above		$2912.46

The following checks are in payment of vouchers, viz:

No. 68393	On B. F. Davis, Treas., c/o City National Bank. Sept. 11, 1903	309.32
No. 68395	On B. F. Davis " " " " " " Sept. 11, 1903	115.32
No. 68537	On B. F. Davis " " " " " " Oct. 6, 1903	11.20
No. 68540	On B. F. Davis " " " " " " Oct. 6, 1903	309.11
		$3657.41

(E) (14)

Lansing, October 27th 1903

Cashier City National Bank
Lansing, Michigan.

Dear Sir:

Please fill blank below, balance his account at date indicated and return bank book and canceled checks to Mr. B. F. Davis, Treasurer, per Mr. A. M. Brown, Sec'y. But if it is not convenient to balance book and return canceled checks as requested, kindly give list of checks paid by you and not previously returned. Make up this list on form "F" herewith, and give number, date, name, and amount of each check and greatly oblige.

Yours truly,
Henry Humphrey,
General Accountant.

The condition of the above named officer's account, as shown by the books of this bank at the close of business October 26, 1903 was as follows:

Balance due him $1441 7.19

Amount overdrawn by him ———

The checks paid by this bank and not delivered amount ———

as per check F to

Very respectfully.

S. F. Davis. Cashier.

per Geo. H. Cran. Clerk

Book keeper.

(15)

(15)

List of checks outstanding at close of bank hours October 26, 1903. No. 68738 Date Oct. 24, 1903, Name West Disinfecting Company. Amount $10.75 of last check drawn prior to date of examination. Also list of vouchers paid thereby.

List of checks outstanding

No.	Date	Name	Amount
	1900		
61663	Aug. 23.	J. N. Ogden	$ .70
62120	Nov. 7	W. R. Hooper	.80
	1902		
65147	Apr. 14	Northrop, Craig Co.	.34
66127	Sept. 27	Chas. E. Holmes	3.12
66523	Nov. 29	M. G. Hood	.25
	1903		
68336	Aug. 19	Am. Jo. Dom B. Assn.	1.25
68342	Aug. 19	Brown Swiss Cattle B. Ass'n.	10.50
68393	Sept. 11	A. M. Brown, Sec'y.	309.32
68395	Sept. 11	" " " "	115.32
68477	Sept. 19	Evans Seed Co.	6.50
68499	Sept. 28	Edwin R. Meech	15.75
68523	Sept. 30	Am. Oxford Down B. Ass'n.	2.00
68530	Oct. 6	C. B. Taylor	4.70
68535	Oct. 6	C. B. Taylor	4.50
68537	Oct. 6	A. M. Brown, Sec.	11.20
68540	Oct. 6	" " " "	309.11
68546	Oct. 12	Geo. Wilson	24.80
68570	Oct. 19	Jarvis Eng. & Mach. Wks.	7.85
68581	Oct. 19	Bates & Edwards Motor Co.	3.60
			$831.61

List of vouchers paid thereby.

No	Date	Name	Amount
	1900		
61663	Aug. 23.	J. N. Ogden	$ .70
62225	Nov. 7.	W. R. Hooper	.80
	1902		
65233	Apr. 14	Northrop, Craig Co.	.34
66089	Sept. 27	Chas. E. Holmes	3.12
66556	Nov. 29	M. G. Hood	.25
	1903		
68299	Aug. 19	Am. Jo. Dom B. Assn.	1.25
68305	Aug. 19	Brown Swiss Cattle B. Ass'n.	10.50
68392	Sept. 11	A. M. Brown, Sec'y.	309.32
68498	Sept. 11	" " " "	115.32
65117	Sept. 19	Evans Seed Co.	6.50
68474	Sept. 28	Edwin R. Meech	15.75
68493	Sept. 30	Am. Oxford Down B. Assn.	2.00
Not Numbered	Oct. 6	C. B. Taylor	4.70
"	Oct. 6	C. B. Taylor	4.50
"	Oct. 6	A. M. Brown, Sec.	11.20
"	Oct. 6	" " " "	309.11
"	Oct. 12	Geo. Wilson	24.80
"	Oct. 19	Jarvis Engine & Mach. Wks.	7.85
"	Oct. 19	Bates & Edwards Motor Co.	3.60
			$ 831.61

(G) — Continued (16)

	Forward		$831.61
68587	Oct. 19	Bissell & Stebbins	9.48
68597	Oct. 19	Multi-Color Copy Co.	11.20
68615	Oct. 21	Richmond & Backus	44.13
68616	Oct. 21	A.C. Bauer & Co.	22.24
68617	Oct. 21	M.R. Maynard	74.55
68618	Oct. 21	Lynn Bro. & Co.	33.10
68622	Oct. 21	Ionia City Tel. Co.	4.00
68623	Oct. 21	The Pierce Williams Co.	31.80
68624	Oct. 21	A. M. Prouty	7.35
68627	Oct. 21	A.A. Wilbur & Co.	33.00
68628	Oct. 21	J. Stahl & Son	10.82
68630	Oct. 21	Coleman Gas Mts. Mfg. Co.	125.00
68631	Oct. 21	Hercules Specialty Co.	17.25
68632	Oct. 21	J.S. Malbone & Son	.47
68633	Oct. 21	Fay S. Dunning	11.30
68635	Oct. 21	W. H. Lesiter	25.00
68636	Oct. 21	J. M. Knapp	31.00
68637	Oct. 21	C. Douglas I.B.B.C.Co.	2.25
68639	Oct. 21	J. M. Thorburn	1.08
68643	Oct. 21	Fred Macey Co.	2.50
68644	Oct. 21	Lansing Veneered Door Co.	13.50
68647	Oct. 21	Gas Eng. Pub. Co.	1.00
68648	Oct. 21	Compressed Air	1.00
			$1344.63

Not Numbered

	Forward		$831.61
	Oct. 19	Bissell & Stebbins	9.48
	Oct. 19	Multi-Color Copy Co.	11.20
	Oct. 21	Richmond & Backus	44.13
	Oct. 21	A.C. Bauer & Co.	22.24
	Oct. 21	M. R. Maynard	74.55
	Oct. 21	Lynn Bro. & Co.	33.10
	Oct. 21	Ionia City Tel. Co.	4.00
	Oct. 21	The Pierce Williams Co.	31.80
	Oct. 21	A. M. Prouty	7.35
	Oct. 21	A.A. Wilbur & Co.	33.00
	Oct. 21	J. Stahl & Son	10.82
	Oct. 21	Coleman Gas Mts. Mfg. Co.	125.00
	Oct. 21	Hercules Specialty Co.	17.25
	Oct. 21	J.S. Malbone & Son	.47
	Oct. 21	Fay S. Dunning	11.30
	Oct. 21	W. H. Lesiter	25.00
	Oct. 21	J. M. Knapp	31.00
	Oct. 21	C. Douglas I.B.B.C.Co.	2.25
	Oct. 21	J. M. Thorburn	1.08
	Oct. 21	Fred Macey Co.	2.50
	Oct. 21	Lansing Veneered Door Co.	13.50
	Oct. 21	Gas Eng. Pub. Co.	1.00
	Oct. 21	Compressed Air	1.00
			$1344.63

(G) - Continued (17)

No.	Date	Name	Amount
		Forward	$1344.63
68649	Oct. 21	Still Pub. Co.	6.00
68651	Oct. 21	Still Pub. Co.	2.00
68652	Oct. 21	Stickenreiter Mfg. Co.	1.75
68653	Oct. 21	Eng. News Pub. Co.	2.95
68654	" 21	D. Van Nostrand Co.	6.36
68657	" 21	Watertown Thea. Co.	33.00
68661	" 21	Ernier & Amend	140.31
68662	" 21	Baker & Adamson Chem Co.	158.94
68665	" 21	Orange Judd Co.	.75
68667	" 21	Coldwell Lawn Mower Co.	4.91
68669	" 21	Corbett D.P. & F. Co.	3.97
68670	" 21	John Wiley & Sons	1.34
68671	" 21	J. E. Stechert	7.75
68672	" 21	Lemcke & Buechner	.69
68675	" 21	Corbett D.P. & F. Co.	11.66
68676	" 21	A. F. Smith	12.50

Not Numbered

	Forward		$1344.63
	Oct. 21	Still Pub. Co.	6.00
	Oct. 21	Still Pub. Co.	2.00
	Oct. 21	Stickenreiter Mfg. Co.	1.75
	" 21	Eng. News Pub. Co.	2.95
	" 21	D. Van Nostrand Co.	6.36
	" 21	Watertown Thea. Co.	33.00
	" 21	Ernier & Amend	140.31
	" 21	Baker & Adamson Chem Co.	158.94
	" 21	Orange Judd Co.	.75
	" 21	Coldwell Lawn Mower Co.	4.91
	" 21	Corbett D.P. & F. Co.	3.97
	" 21	John Wiley & Sons	1.34
	" 21	J. E. Stechert	7.75
	" 21	Lemcke & Buechner	.69
	" 21	Corbett D.P. & F. Co.	11.66
	" 21	A. F. Smith	12.50

68677	Oct. 21	A. C. Bauer & Co.	9.73
68680	" 21	C. H. Schneider	1.55
68684	" 24	M. J. & B. M. Buck	47.00
68685	" 24	Mich. Supply Co.	437.75
68686	" 24	Bascom & Smith	2.80
68687	" 24	H. D. Blount	6.23
68688	" 24	Citizens Tel. Co.	67.45
			$2312.05

Oct. 21	A. C. Bauer & Co.	9.73	
" 21	C. H. Schneider	1.55	
" 24	M. J. & B. M. Buck	47.00	
" 24	Mich. Supply Co.	437.75	
" 24	Bascom & Smith	2.80	
" 24	H. D. Blount	6.23	
" 24	Citizens Tel. Co.	67.45	
			$2312.05

(J) - Continued (18)

No.	Date	Name	Amount
		Forward	$2312.05
68689	Oct. 24	E. H. Sargent & Co.	1.90
68690	" 24	Geo. A. Waterman	3.54
68691	" 24	Richard Harrison	5.00
68692	" 24	" "	2.54
68693	" 24	Holstein Friesian Ass'n.	.25
68694	" 24	Chas. W. Garfield, Trustee	112.50
68695	" 24	F. W. Sandbank & Son	84.20
68696	" 24	W. Dougal Metals Co.	3.35
68697	" 24	Harry Whitley	14.76
68698	" 24	American Exp. Co.	7.65
68699	" 24	Bell Book & Stat'y. Co.	1.47
68700	" 24	Otto Lyon	9.93
68701	" 24	" "	9.29
68702	" 24	Miss. Historical Society	2.00
6.703	" 24	A. C. McClurg & Co.	32.16
68704	" 24	Ashcroft Mfg. Co.	15.00
68705	" 24	Am. Elect. Co.	1.00
68706	" 24	Crosby Steam Gage & Valve Co.	22.50
68707	" 24	The Foundry	1.00
68708	" 24	Cruc. Steel Co. of America	37.53
68709	" 24	Rock. Opt. Co.	2.00
68710	" 24	Jas. Bogue	1.00
			$2684.68

Oct. 24	E. H. Sargent & Co.	1.90	
" 24	Geo. A. Waterman	3.54	
" 24	Richard Harrison	5.00	
" 24	" "	2.54	
" 24	Holstein Friesian Ass'n.	.25	
" 24	Chas. W. Garfield, Trustee	112.50	
" 24	F. W. Sandbank & Son	84.20	
" 24	W. Dougal Metals Co.	3.35	
" 24	Harry Whitley	14.76	
" 24	American Exp. Co.	7.65	
" 24	Bell Book & Stat'y. Co.	1.47	
" 24	Otto Lyon	9.93	
" 24	" "	9.29	
" 24	Miss. Historical Society	2.00	
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" 24	Crosby Steam Gage & Valve Co.	22.50	
" 24	The Foundry	1.00	
" 24	Cruc. Steel Co. of America	37.53	
" 24	Rock. Opt. Co.	2.00	
" 24	Jas. Bogue	1.00	
		$2684.68	

(J) - Continued (19)

No.	Date	Name	Amount
		Forward	$2684.68
68711	Oct. 24	Jewett & Knapp	6.50
68712	" 24	Wallace Pierce	2.20
68713	" 24	Reeds Mottlemp Co.	2.02
68714	" 24	F. S. Collins	10.00
68715	" 24	Rockwell, Walsh Co.	8.50
68716	" 24	Geo. D. Fredt Co.	13.72
68717	" 24	Andrew Reesh	2.50

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" 24	Wallace Pierce	2.20	
" 24	Reeds Mottlemp Co.	2.02	
" 24	F. S. Collins	10.00	
" 24	Rockwell Walsh Co.	8.50	
" 24	Geo. D. Fredt & Co.	13.72	
" 24	Andrew Reesh	2.50	

68715	Oct. 24	John B. Goetz		$12.44
68716	" 24	Henry Smith		25.00
68720	" 24	C. D. Smith		4.83
68721	" 24	C. D. Smith		.50
68722	" 24	Citizens Tel. Co.		6.00
68723	" 24	A. C. McClurg Co.		6.08
68724	" 24	G. J. Weston		30.12
68725	" 24	Bascom & Smith		.50
68726	" 24	C. F. Schneider		25.76
68727	" 24	Powers Typog. Plg. Co.		4.00
68728	" 24	Mich. Supply Co.		31.09
68729	" 24	H. H. Greenwood		3.15
68730	" 24	Smith Premier T. W. Co.		105.75
68731	" 24	Parke Davis & Co.		1.48
68732	" 24	M. Stahl & Co.		4.25
68733	" 24	Industrial Press		1.00
				$2992.07

(G) - Continued (20)

No.	Date	Name	Amount
		Forward	$2992.07
68734	Oct. 24	Butterick Pub. Co.	.90
68735	" 24	H. H. Lamed	3.00
68736	" 24	G. H. Converse	425.00
68737	" 24	Am. Sheep Reg Asso.	.25
68738	" 24	Nest Disinfecting Co.	10.75
			$3431.97

Not Numbered		Forward	$2992.07
	Oct. 24	Butterick Pub. Co.	.90
	" 24	H. H. Lamed	3.00
	" 24	G. H. Converse	425.00
	" 24	Am. Sheep Reg Asso.	.25
	" 24	Nest Disinfecting Co.	10.75
			$3431.97

President Monroe reported the following standing committees:

Standing Committees

Botany and Horticulture, Graham and Moore.
Buildings and College Property, Bliss and Graham
Chemical, Physical and Bacteriology and other Departments not otherwise provided for, Bliss and Watkins
Employees, Graham, Moore and Snyder.
English and Mathematics, Wallace and Bliss
Experiment Station, Moore and Watkins
Farm Management, Watkins and Graham
Finance, Graham and Bliss
Forestry, Bliss and Moore
Institutes, Moore and Graham
Land Grant, Watkins and Wallace
Library, Moore and Bliss
Mechanical Department, Wallace and Moore
Military and Athletics, Watkins and Wallace.

On motion, adjourned. Nell Brown Secy