

Minutes of Board Meeting

September 30, 1936.

Pursuant to call of Superintendent H. W. Peters, the Board of Regents of the Western Kentucky State Teachers College met in Room 634, Seelbach Hotel, in the city of Louisville, Kentucky, at 7:30 P.M., Tuesday, September 30, 1936.

Superintendent Peters called the meeting to order and upon roll call it was found that Mr. Peters, Judge Pentecost, and Mr. Borrone were present, Mrs. Drake and Judge Quin being absent. The chairman declared a quorum, and Sterett Cuthbertson was elected to act as secretary of the meeting.

The minutes of the last meeting of the Board were read to the Board. Judge Pentecost moved that the minutes be adopted. This motion was seconded by Mr. Borrone and upon vote, Judge Pentecost, Mr. Borrone, and Mr. Peters all voting in the affirmative, the chairman declared the motion adopted.

President Cherry stated that he had called three meetings of the Executive Committee since the last meeting of the Board, as authorized by resolution of the Board, to pass upon emergency business and he wished to report upon the action of this committee and present the minutes of their meeting.

The secretary was instructed to read the minutes of the meeting of the Executive Committee of August 7, 1936, which he did. The minutes follow:

Minutes of Executive Committee

A call meeting of the Executive Committee of the Board of Regents of the Western Kentucky State Teachers College met at Mrs. Drake's home on Friday, August 7, 1936, at 9:00 A.M. Vice-chairman Borrone called the committee to order. Present, Mr. Borrone and Mrs. Drake (President Cherry being out of town).

Sterett Cuthbertson was elected to act as Secretary of the meeting.

A letter from Captain Brinton B. Davis, Architect, dated August 4, 1936, in which he recommended that a time extension be granted to George H. Rommel and Company on their contract for finishing the excavation and foundation work on the new classroom building (P.W.A. Project Ky-1043R) was read. After discussion the following reso-

lution was offered by Mrs. Drake who moved its adoption, the motion was seconded by Mr. Borrone and upon roll call both Mrs. Drake and Mr. Borrone voted in the affirmative, no, none, and the chairman declared the motion adopted.

The resolution as adopted is as follows:

WHEREAS: Our Architect, Brinton B. Davis, has recommended that an extension of time, that is to August 20, 1936, inclusive, be granted the firm of George H. Rommel and Company for the completion of their contract for the excavation and foundation work on the classroom building, known as P.W.A. Project Ky-1043R;

NOW BE IT RESOLVED: That said extension of time be granted the said firm of George H. Rommel and Company, subject, however, to the approval of the officials of the Public Works Administration of Kentucky.

There being no further business, the committee adjourned.

B. J. BORRONE
Vice-chairman

STERETT CUTHBERTSON
Secretary

After discussion Judge Pentecost offered the following resolution:

BE IT RESOLVED: That the minutes of the Executive Committee of August 7 be received and filed and same incorporated into the minutes of this meeting; and that their action be approved, ratified and affirmed.

This motion was seconded by Mr. Borrone and upon roll call Mr. Borrone, Mr. Peters, and Judge Pentecost all voted in the affirmative. There being no opposition the chairman declared the motion adopted.

The secretary next read the minutes of the Executive Committee of their meeting of August 28, 1936, which are as follows:

Minutes of Executive Committee

A call meeting of the Executive Committee of the Board of Regents of the Western Kentucky State Teachers College met in the office of President Cherry at 10:00 A.M., Friday, August 28, 1936. Present - Mrs. Drake, Mr. Borrone, and President Cherry.

Mr. Borrone called the meeting to order and Sterett Cuthbertson was elected to act as secretary of the meeting. President Cherry presented a communication from Architect, Brinton B. Davis, relative to a change in the type of steel casement windows, and the same was read to the Board. Captain Davis' letter was as follows:

Louisville, Ky.,
August 24, 1936.

Dr. H. H. Cherry, President,
Bowling Green, Ky.

Dear Dr. Cherry:

Mr. Nichol of the Struck Construction Company has a change order for substituting casement windows in the classroom building in place of the projected type of steel windows as shown in the plans. The cost of this change is \$7,182.00. I recommend the change as it will enhance the appearance of the building, and the casement windows will provide for a better circulation of light and air. I contemplated including these windows in the plans but did not do so because I feared it might exceed the cost set up in the application for funds.

Yours truly,

Brinton B. Davis
Architect

Mr. Kersting, representing the Architect, and Mr. L. T. Smith were asked to come before the committee and discuss with them the type of window as proposed. Mr. Kersting was asked to correspond with Captain Davis and explain to him that this building was to be used throughout the summer months for classroom purposes and that it was the opinion of this committee that the casement windows should be so constructed that they could be opened for the full length of the window and further request that if possible that a model of the type proposed be submitted to the committee before being constructed. Following this discussion the following resolution was offered by Mrs. Drake, said motion being seconded by Dr. Cherry.

WHEREAS: Our Architect, Brinton B. Davis, has recommended that a change be made in the use of the type of window in the classroom building (P.W.A. Project Ky-1043R) from the type as specified in the original plans to a type known as Architectural Casement, as one better suited to conform to the architectural type and requirements of the building and providing better light and ventilation;

NOW BE IT RESOLVED: That said recommendation be approved with the understanding that said change will not cost in excess of \$7,182.00 and that same meets the approval of P.W.A. authorities.

Upon roll call Mrs. Drake, Mr. Borrone, and Dr. Cherry all voted in the affirmative, and the chairman declared the resolution adopted.

Work orders and request for change relative to the work being done in making excavations for trenches, etc., bearing the approval of Architect, Brinton B. Davis were presented to the committee. These changes applied to the contracts with Struck and Company and Montgomery-Ward and Company. After discussion a motion was offered by Mrs. Drake and seconded by Dr. Cherry. The resolution as offered is as follows:

RESOLVED: That the work orders relative to the contract with Struck Construction Company and Montgomery Ward and Company as approved by our architect, Brinton B. Davis, be approved and become effective upon the approval of the Administrator of Public Works.

Upon roll call Dr. Cherry, Mrs. Drake, and Mr. Borrone all voted in the affirmative, and the chairman declared the motion adopted.

There being no further business, the committee adjourned.

B. J. Borrone
Vice-Chairman

Sterett Outhbertson
Secretary

After a discussion of these minutes Judge Pentecost moved the adoption of the following resolution. The motion was seconded by Mr. Borrone and unanimously passed:

BE IT RESOLVED: That the minutes of the Executive Committee of their meeting of August 28, 1936, be received and filed and the same incorporated into the minutes of this meeting; that their action be approved, ratified and affirmed.

Upon roll call Mr. Borrone, Judge Pentecost, and Mr. Peters all voted in the affirmative, and the resolution was declared adopted.

The secretary was instructed to read the minutes of the meeting of the Executive Committee on September 1, 1936. The minutes as read are as follows:

Minutes of Executive Committee

A meeting of the Executive Committee of the Board of Regents of the Western Kentucky State Teachers College was held in the office of President Cherry at 3:00 P.M., Tuesday, September 1, 1936. Present - Mrs. Drake, Mr. Borrone, and President Cherry. Mr. Porter Hines, Miss Florence Schneider, and Sterett Cuthbertson were asked to meet with the committee. Sterett Cuthbertson was elected to act as secretary of the meeting.

President Cherry stated that he had engaged the firm of Warren and Ronald, Heating and Plumbing Engineers of Louisville, Kentucky, to make a survey of our heating plant and report the result of their investigation; that this firm had been recommended by George H. Sager, Jr., Director of P.W.A., and that they had been engaged at the rate of \$50.00 per day and traveling expenses; that their engineers had been to Bowling Green and with Mr. Hines had made a minute examination of the boilers and heating plant, had checked the radiation and requirements and had made their report. This report he presented to the Committee and is copied below and is as follows:

WARREN AND RONALD
Inc.
Consulting Engineers
1704-5-6 Heyburn Building
Louisville, Ky.

Western Kentucky State Teachers College,
Bowling Green, Ky.

Attention: Pres. H.H. Cherry
Subject: Boiler Report

Gentlemen:

In accordance with your instructions and your acceptance of our proposal of July 6, we examined the boiler plant at your College.

Before visiting Bowling Green we calculated your boiler requirements from your plans and connecting loads that your Mr. Cuthbertson and Mr. Hines left with us. These theoretical calculations checked very closely with the conditions we found on the job.

You have now a connected load of 87,586 of equivalent direct radiation, plus the kitchen, cook tables, steam tables, stoker engines and four pumps. This amounts to a total of approximately 1000 boiler horse power. Your new classroom building will add approximately 100 horse power when it is completed.

You now have two, two-hundred horse power water tube boilers and one four-hundred horse power water tube boiler.

The two two-hundred horse power boilers have only about 238 cubic feet of surface volume as now set. By changing the stokers to be set flush with the front columns of these boilers, 176 square feet of combustion space can be added. Mr. Hines understands exactly what we mean by this change. However, as desirable as this change in setting may be, the stokers and the smoke stack and the boilers themselves limit the amount of steam which may be generated under these boilers. No matter what improvement is made these two boilers can not ever carry your load in real cold weather.

This naturally brings us up to the 400 horse power boiler. As long as this boiler is in service with one of the two hundred horse power boilers you may carry your load safely in any weather.

We recommend that very close attention be paid to the 400 horse power boiler as this is your vulnerable spot. Should this boiler or its stoker break down in real cold weather, your institution would be badly handicapped.

Your smokestack is one of the limiting factors of the whole power plant. It is not large enough to carry off the products of combustion from your boilers if they were pushed to capacity. This subject will be discussed later in your report.

The real cause of trouble at this time is that your boilers are not properly balanced for your load.

You have a total capacity of 800 rated horse power and with the proper setting and stack, should easily develop 1600 horse power, without excessive maintenance. For instance if you had three, three hundred horse power boilers, any two of which would carry your load, but as it is the two, two hundred horse power boilers cannot possibly carry at a maximum over 800 horse power, which is not sufficient to carry your load in cold weather.

In order to conserve all the equipment you have to the best advantage, we think you should rebrick the present two hundred horse power boilers, getting all the combustion space possible. Then reset the present stokers at the front of the boilers, buying only such part of the stokers that have been burned out. This will increase the life of the brick work and stokers and increase the capacity of the two smaller boilers to some extent. This, however, will not increase the capacity of the two smaller boilers to a point where they will carry your load.

You are definitely faced with the necessity of adding a new boiler in the very near future. This boiler should be of such a size that it and one of your two hundred horse power boilers could easily carry your load with the normal or planned increase in your building.

Such an increase in boiler horse power means a new stack. It may be well to design the new stack to include the present 400 horse power boiler, as it is limited in its capacity now by the present stack. This stack is 60' by 127" high. In order to develop 200% of its rating or 800 horse power, it should be 145 feet high or to carry the whole present load should be 60' by 178" high.

The figures given above on the stack are from engineering data, but were checked out with your operators. They state that whenever they try to push these boilers, that they smoke out the front doors and around the settings. In fact, as stated before, every assumption made from theoretical figures checked out almost perfectly with the practical operating experience of your engineers.

The 400 horse power boiler was in excellent condition, in fact, the brickwork was in such con-

dition as to indicate that its full capacity has never been reached. The stoker will have to have some parts replaced but not more than normally considered maintenance.

Conclusion - It is impractical to raise the settings of the boilers due to the fact that the entire roof would have to be raised, and also we doubt if the increased setting height would ever enlarge the capacity of the two smaller boilers to a point where they could carry your entire load. The cost of raising the setting height of these boilers and boiler house-roof would cost more than a new boiler.

We recommend for this year that the two smaller boilers be entirely rebricked, using the present stokers with parts replaced as found necessary, increasing the combustion space as much as possible.

We recommend that not less than a 400 horse power boiler and a new stack be installed as soon as possible.

Yours very truly,

WARREN AND RONALD

By. C. A. Warren

Following the reading of this report the following motion was made by Dr. Cherry and said motion was seconded by Mrs. Drake:

RESOLVED: That the report of Warren and Ronald be received and that the officials be authorized to carry out the recommendations as to the rebricking the two smaller boilers and the repairing of the stoker system; that bids be taken for both the necessary material and labor to carry out this work and that the bill submitted by the engineers for two days work and traveling expenses amounting to \$114.80 be allowed and ordered paid.

Upon roll call Dr. Cherry, Mr. Borrone, and Mrs. Drake all voted in the affirmative and the motion was declared adopted.

Dr. Cherry suggested that the word "WESTERN" painted on the water tank so that it would be

visible from the southern and eastern approaches of the campus would be desirable. Upon a motion of Mrs. Drake, seconded by President Cherry, this was ordered done and Dr. Cherry and Mr. Borrone were authorized to have this painting done. Upon roll call Mrs. Drake, Mr. Borrone, and Dr. Cherry all voted in the affirmative and the motion was declared passed.

There being no further business the Committee adjourned.

B. J. Borrone
Vice-Chairman

Sterett Cuthbertson
Secretary

President Cherry next presented a letter which he had received from Architect Brinton B. Davis and an enclosed bill from Wallace Hoeing of Louisville, Kentucky, for the sum of \$1432.71 for services in preparing plans and specifications for heating and plumbing system on P.W.A. Project Ky-1043R. The letter was read and ordered made a part of these minutes and is as follows:

Louisville, Ky.,
September 11, 1936.

Re: Classroom Building,
W.K.S.T.C.
Dr. Henry Hardin Cherry, President,
Western Kentucky State Teachers College,
Bowling Green, Kentucky.

Dear Dr. Cherry:

A copy of the letter of Mr. Carmichael to you under date of September 10 was received by mail this A.M. I enclose a copy of a letter addressed to Mr. Carmichael which no doubt gives him the information desired.

I enclose an account of Mr. Wallace Hoeing, Mechanical Engineer, in the sum of \$1432.71. The foregoing account is 3/4 of the total cost of the Montgomery-Ward contract for the installation of the Mechanical System. Kindly have voucher mailed direct to Mr. Hoeing, 1948 Deer Park Avenue, Louisville, Kentucky, and oblige.

Yours very truly,

Brinton B. Davis
Architect

President Cherry explained that he had replied to Captain Davis, stating that he had read the contract entered into with him by the Board and was under the impression that all designs and specifications for the new building were to be furnished by him for the gross fee of 6%; that the matter would in any case have to be referred to his Board of Regents and that vouchers could not be sent direct without the order of the Board and the approval of Mr. George H. Sager, Jr., Administrator of Public Works; that he had also written Mr. Sager relative to the matter and had a letter in reply both from Captain Davis and Mr. Sager. These letters were read to the Board and ordered filed and made a part of the minutes of this meeting. These letters are as follows:

September 22, 1936.

Re: Classroom Building
Dr. Henry Hardin Cherry, President, W.K.S.T.C.
Western Kentucky State Teachers College, Bowling Green, Ky.
Bowling Green, Ky.

Dear Dr. Cherry:

In reference to your letter relative to the fee for Mechanical Engineer, permit me to call your attention to the fact that the contract quoted in your letter does not say that I shall pay the Mechanical Engineer. The contract specifically designates what I am to do as Architect and does say that I am to pay for a Superintendent of Construction or Engineer who shall be skilled and competent man for that purpose. Such man was to be on the work all the time and see that the construction is in accordance with the specifications.

An estimated amount for the services of a Mechanical Engineer was set up in the application made by the College when it applied to the United States Government for a grant and loan to erect the structure and must be used for the purpose for which it was intended. The estimated cost for such engineer was \$1090.00 but the actual cost amounts to \$1432.71.

It is a universal practice for the owner to pay for the services of a Mechanical Engineer. The "Schedule of Charges" of the American Institute of Architects recognized by the United States Government as just and equitable reads as follows:

"Article 5. The Architect is to be reimbursed for the cost of transportation and living incurred by him and his assistants while traveling in discharge of duties connected with the work, and the cost of the service of heating, ventilating, mechanical, and electrical engineers."

In addition to the above, Article 12, of the foregoing "Schedule of Charges" reads as follows:

"When authorized by the owner, a clerk of the works, acceptable to both Owner and Architect, is to be engaged by the Architect at a salary satisfactory to the Owner and paid by the Owner upon presentation of the Architects monthly certificates."

In my contract with the college I waived the latter provision but did not waive the fee of the Mechanical Engineer.

After waiving the fee earned upon the first set-up which was discarded and a new set-up adopted, and assuming the pay of Mr. Kersting, the Superintendent of Construction, as well as other expenses amounting in all to approximately \$17,000.00. I feel it is not fair to add to the burden by asking me to make other concessions, especially as the fee for the Mechanical Engineer was provided for in money secured from the Government.

I am sure that you and your Honorable Board of Regents will see the justice of the item in question and promptly allow the same.

Respectfully yours,

Brinton B. Davis
Architect

Louisville, Kentucky,
September 26, 1936.

Dr. H. H. Cherry, President, Re: Docket No. Ky-1043R
Western Kentucky State Teachers College, State Teachers College,
Bowling Green, Ky. Bowling Green, Ky.

Dear Dr. Cherry:

This is a belated acknowledgement of your letter of September 15 with which were enclosed copies of correspondence between yourself and Captain Brinton B. Davis, Architect, and copy of an invoice, in the amount of \$1,432.71 approved for payment by Captain Davis, covering services of Mr. Wallace Hoeing, for preparations of plans and specifications for heating, ventilating, and plumbing on the above referenced project.

It is noted that the amount of the invoice represents 3% of the total contract price for the mechanical work, and that it was your understanding that your contract with the Architect covered the Architectural expense for preparations of plans and specifications for this work, and that you request advise of this office as to the course you should pursue in settlement of same.

This office does not attempt to interpret contract agreements, as our jurisdiction extends only to seeing that same comply with the regulations of the Public Works Administration. If the Board of Regents approves payment for this additional service, it would then be the duty of this office to ascertain whether or not such action conforms to our regulations.

May we respectfully suggest that this matter be referred to the Board of Regents for such action as it deems proper and that this office be advised of the action taken.

Yours very truly,

George H. Sager, Jr.,
State Director of Ky.
For the Administrator.

After a full discussion of the matter and a reference to the contract entered into between the Board and Captain Brinton B. Davis, as Architect relative to P.W.A. Project No. Ky-1043R the following resolution was offered by Judge Pentecost:

RESOLVED: That the bill of Mr. Wallace Hoeing of Louisville, Kentucky, in the amount of \$1,432.71 for fee for drawing plans and specifications for the heating and plumbing system for the new classroom building (P.W.A. Project Ky.-1043 R), be disallowed.

Judge Pentecost moved the adoption of this resolution, which was seconded by Mr. Borrone and on roll call Mr. Borrone, Judge Pentecost, and Mr. Peters all voted in the affirmative and the motion was declared adopted by the Chairman.

President Cherry explained to the Board that the Board should select one of their number to represent the Board on the Council of Higher Education; that since this Board had organized this selection had not been made and that same was now in order. Mr. Borrone moved the following resolution:

RESOLVED: That Judge F. J. Pentecost a member of this Board of Regents of the Western Kentucky State Teachers College be selected by this Board to represent them as a member of the Council of Higher Education.

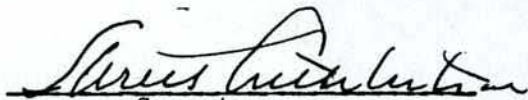
Mr. Borrone moved the adoption of the motion and upon a vote being taken all voted in the affirmative, and Judge Pentecost was declared by the Chairman as elected.

President Cherry next stated that the contracts between this Board and the Attorneys and Landscape Architects relative to P.W.A. project were in the form of resolutions passed by the Board and of record on the minutes of their meetings. However, recently an Auditor for the Public Works Administration had suggested that they be put in contract form and filed with the State Office of the Public Works Administrator. Judge Pentecost moved the following resolution:

RESOLVED: That Dr. H. H. Cherry, President, be authorized to have the contracts with our Attorneys and Landscape Artists, which are now in the form of resolutions of this Board, put into the form of contracts and that a copy of same be filed with Mr. George H. Sager, Jr., Administrator of Public Works of Kentucky.

Judge Pentecost moved the adoption of this resolution which motion was seconded by Mr. Borrone. A vote being taken, Judge Pentecost, Mr. Borrone, and Mr. Peters all voted in the affirmative and the Chairman declared the motion carried.

No further business coming before the Board, by resolution they adjourned.


Secretary


Chairman