

THIRD BIENNIAL REPORT

OF THE

BOARD

OF

CAPITOL COMMISSIONERS

TO THE

Governor of Iowa.

NOVEMBER 30, 1875.

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DES MOINES:  
R. P. CLARKSON, STATE PRINTER.  
1876.



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## BOARD OF COMMISSIONERS.

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GOV. C. C. CARPENTER .....President, *ex-officio*.  
GOV. S. J. KIRKWOOD...President, *ex-officio*, after Jan. 13, 1876.  
MATURIN L. FISHER.....Farmersburg.  
JOHN G. FOOTE.....Burlington.  
PETER A. DEY.....Iowa City.  
R. S. FINKBINE .....Iowa City.  
ED WRIGHT, Secretary.....Des Moines.

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A. H. PIQUENARD, Architect.....Springfield, Ill.  
R. S. FINKBINE.....Overseer of Construction.  
JOHN G. FOOTE.....Superintendent of Finance.  
ED WRIGHT.....Assistant Overseer of Construction.



## REPORT OF BOARD OF COMMISSIONERS.

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TO HIS EXCELLENCY, CYRUS C. CARPENTER, *Governor of Iowa*:

The Commissioners appointed by chapter thirty-five of the acts of the Fourteenth General Assembly, and charged with the execution of the provisions of law in respect to the erection of the Capitol, respectfully submit this, their biennial report:

In the former report of the Commissioners it was stated that Messrs. Munson & Turner, of Quincy, Illinois, had failed to furnish stone for the superstructure of the New Capitol either in sufficient quantity, or of a quality in accordance with the requirements of their contract, and that the Commissioners through their executive committee had "organized a force and procured the necessary machinery and proceeded to "quarry the stone" for the basement story from the old "capitol quarry" near Iowa City. Since that time all the stone for the basement story has been thus procured, a complete statement of which will be found in the report of the executive committee on the "Iowa City quarry operations" herewith submitted.

It was the object of the Commissioners in granting an extension to Munson & Turner, and in procuring elsewhere the stone for the basement story, to give to these contractors time to open up and further develop their quarry with the view of definitely ascertaining whether it would afford stone sufficient in quantity and equal in quality to that which they had contracted to furnish.

At their meeting in March, 1874, the Commissioners determined to examine the quarry of Munson & Turner, which they did in April. The result of the examination was to satisfy the Commissioners that the quarry would afford but a small amount of stone equal in quality to that required in the contract, and that if the quality were good, the stone could not be procured of the required dimensions, nor in sufficient quantities.

Influenced by these considerations, the Commissioners determined



to advertise anew for the stone necessary to complete the superstructure above the basement story. The Commissioners were not unmindful of the difficulties attending the selection of a quarry which would furnish stone in sufficient quantities, and of the dimensions required, and that would be of an even texture, have a uniform and pleasing color, and be durable in character; and in order to accomplish this, determined, before advertising again for proposals to furnish stone, "that no bid will be entertained from a quarry that has not been sufficiently worked to determine beyond a question that it will furnish all the stone required up to specifications, in quality, quantity, and every other particular, or from parties who have not reputation for skill, experience, and ability sufficient to guarantee the fulfillment of their obligations."

The advertisement for furnishing stone was made on the 12th day of May, and the proposals received in pursuance thereof were opened on the fifteenth of June. They were nine in number, four for limestone, and five for sandstone, and varying in price from ninety-two cents, to one dollar and fifty-five cents per cubic foot.

Before making an award, the Commissioners visited such of the quarries as in their judgment were entitled to consideration from the quality of the samples submitted, and the price proposed.

After making an examination of the quarries, and of buildings in which stone from the various quarries was used, and considering the report of the architect on the comparative cost of the stone represented by the proposals, and the cost of the stone-cutting, the Commissioners awarded the contract for furnishing the stone for the body of the building to the St. Genevieve Sandstone and Granite Company of St. Louis, from their quarry near St. Genevieve, Missouri, at one dollar and thirteen cents per cubic foot, and the contract for furnishing stone for the trimmings to Messrs. J. A. Gaines & Co., from the Carroll county quarries near Miami Station, Carroll county, Missouri, at ninety-five cents per cubic foot.

The character and quality of the St. Genevieve sandstone have been fully described in the former report of the Commissioners.

The Carroll county stone is a fine-grained, even textured blue sandstone, not stratified, and has been used in building for the past thirty-five years. The Carroll County Company has furnished something over thirty-four thousand cubic feet, and has yet to furnish, this season, about one thousand cubic feet of the amount required of them to complete the office story of the building.



The St. Genevieve Company has furnished a small amount over forty-five thousand cubic feet, and has yet to furnish about two thousand cubic feet, of the amount required of them this year.

After the Commissioners had visited the quarry of the Quincy company before referred to, and before re-advertising for stone, they requested Messrs. Munson & Turner to say whether they desired to be released from their contract to furnish stone, which they declined, and made a claim for damages sustained by them, assuming that after the refusal of the Commissioners to accept the stone furnished by them, and their failure to furnish other and better stone, the action of the Commissioners in procuring the stone for the basement story elsewhere released them from the obligations of their contract, and that their consenting to the cancellation of the contract would cut off any claim for damages which they might have.

Subsequently (on the 19th of May, 1875,) at their request, the commissioners canceled the contract and surrendered their bonds, after which they were paid at the contract price for all the stone furnished under their contract, amounting to three hundred and four dollars and fourteen cents.

The considerations which influenced the commissioners to cancel the contract with Munson & Turner, were that a mistake was made in awarding it to them, from the fact that their quarry though presenting an apparently good face, was practically undeveloped and it was imprudent for the commissioners to accept, and hazardous for the contractors to propose, from such a quarry; especially so, when taken in connection with the other fact, that the price at which the stone was offered was, in the opinion of the commissioners about the cost of quarrying, even if the quarry had proved as good as the contractors hoped it might.

The contractors claimed (and it was apparent to the commissioners that it was true) that they had sunk in their costly experiment from fifteen to twenty thousand dollars, and it was evident to the commissioners that no further expenditure of money would get from the quarry the stone of a quality, and of the dimensions, required in the Capitol building.

At the time the contract was let to Munson & Turner, the stone, which from the quality of the specimens submitted, were in direct competition, and between which the commissioners were compelled to choose, were: the Quincy stone at 75 cents per cubic foot, and the St. Genevieve stone at \$1.30 for the stone for the basement story, and



\$1.35 per cubic foot for the stone for the superstructure. The production of stone from the Quincy quarry, as has been stated, was impossible. The difference in cost between the acceptance of the original bid from the St. Genevieve Company, and the contracts since made with this company and the Carroll county company, together with the cost of the stone from the Iowa City quarries for the basement story, may be briefly stated as follows.

ORIGINAL BID OF THE ST. GENEVIEVE COMPANY.

44,308 cubic feet at \$1.30 .....	\$ 57,600.40
217,820 cubic feet at \$1.35 .....	294,057.00
Total .....	<u>\$351,657.40</u>

CONTRACTS AS MADE.

114,500 feet St. Genevieve at \$1.13 .....	\$129,385.00
103,320 feet Carroll county at 95 cents .....	98,154.00
44,308 feet Iowa City at \$1.50 .....	66,871.30
Total .....	<u>\$294,410.30</u>
Net saving .....	<u>\$ 57,247.10</u>

The Commissioners, after advertising as required by law, received proposals, and awarded at their meeting in December, 1873, the contract for furnishing iron beams for one floor of the capitol building, to the Union Foundry Company of Chicago, at 5 9-10th cents per pound; and at the same meeting awarded to Francis Geneser, of Des Moines, the contract for furnishing one million of brick, at \$10.45 per thousand; both of which contracts have been filled.

After due advertisement, the Commissioners awarded, at their meeting in April, 1874, a contract for furnishing two millions of brick to James N. Close, of Des Moines, at \$9.75 per thousand, said brick to be delivered as required, before November first, 1875; Mr. Close sublet most of his contract to other parties, and there is yet lacking to fulfill it one hundred and eighty-nine thousand brick.

On the 22d of October, 1875, the Commissioners awarded a contract for furnishing two millions of brick to S. A. Robertson, of Des Moines, at \$10.35 per thousand, and at the same time awarded a contract to Francis Geneser, of Des Moines, to furnish two millions of brick at \$10.45 per thousand, four hundred thousand of which are to be delivered on or before June 1st, 1876, and from brick already burned.



In their former report the Commissioners called your attention to changes in the plans and specifications, which they were compelled to make in order to bring the cost of the building within the requirements of the law fixing the limit of cost of the building at \$1,500,000. They now repeat that these changes ought not to be made, especially the change from stone to cast iron in the capitals, and from stone to galvanized iron in the cornice. The progress of the work on the building is such that unless authority is now given to restore these last mentioned items to the original design, the remedy will be too late. These changes will add to the cost of the building eighty-five thousand dollars.

Since the date of the last report of the commissioners, the basement story has been built, the iron beams for the office-story floor have been framed and put in place, the corridors arched over, and the greater portion of the office story put up. In addition thereto nearly all the stone to complete this story is on the ground and cut.

During the coming two years the building should be placed under roof, and to accomplish this a greater annual expenditure will be required. In a building of the character of the capitol, the interior finish should be mainly of hard wood, which requires time to season, and should be procured as soon as possible. There is a large amount of iron work, particularly in the framing of the roof, which requires time to prepare, and should be provided before it is needed to put in place. The same is true of most of the material needed in a building of this kind. It cannot be had in the market, but must be prepared and manufactured for future use. A supply of stone should be procured in the summer season sufficient to keep the workmen employed in the winter. When a force of skilled workmen is organized and kept in steady employment, work can be done in a more satisfactory manner, and at a less cost, than where the workmen are thrown out of employment in the early fall, and a new force is organized in the spring.

To place the building under roof and provide the lumber for the interior finish will require (if done within the next two years), in addition to the amount now provided for by annual appropriations, three hundred and fifty thousand dollars. For the detailed estimates for which your attention is directed to the report of the architect herewith submitted.

Your attention is directed to a proposed change in the law providing for the disbursements of money on the capitol pay-rolls, suggested by the superintendent of finance, the working of, and the reasons for which are fully set forth in his report herewith submitted.



The commissioners call your attention to the following enumerated papers, which are herewith transmitted :

No. 1. Report of the executive committee on Iowa City quarry operations.

No. 2. Report of the visiting committee on the Quincy quarry of Munson & Turner.

No. 3. Report of the architect on the comparative cost of stone (proposed for) and the cost of cutting the same.

No. 4. Condensed report of the overseer of construction of the work for the years 1874 and 1875.

No. 5. Complete report of the superintendent of finance, of the expenditures in detail for the years 1874 and 1875.

No. 6. Report of the architect for the years 1874 and 1875.

JOHN G. FOOTE,  
MATURIN L. FISHER,  
PETER A. DEY,  
R. S. FINKBINE.



## NUMBER ONE.

## REPORT OF THE EXECUTIVE COMMITTEE ON IOWA CITY QUARRY.

*To the Board of Capitol Commissioners :*

The executive committee in pursuance of the following, adopted by your board July 22, 1873 : "*Resolved*, that the executive committee be directed to select and make arrangements to work some quarry that will furnish stone suitable for the basement story, and also be directed to organize a sufficient force and procure the necessary machinery to enable them to furnish stone for said basement, at the earliest time practicable," hereby report that, on July 24 following the adoption of the above cited resolution, they negotiated a contract with the Penn Quarry Company to work the quarries owned and leased by said quarry company in Johnson county, known as the "old capitol quarries." Said contract was made in writing, and signed by the proper officers of the company, and by the president and secretary of your board.

The terms of the contract were that the board of commissioners should have the right to enter upon the lands of the company and take out for use in the capitol building twelve hundred cubic yards of stone, free of cost for royalty, except such royalty as said company had to pay N. Zeller, Esq., the owner of a portion of the quarry lands, provided the commissioners quarried stone from the lands held by the company under lease from said Zeller. We have paid a royalty of twenty-five cents per cubic yard to said Zeller for all stone quarried after the first day of July, 1874, amounting to the sum of ninety-eight dollars and fifty cents.

After work had progressed for some time at the quarry your board determined to use one additional course of stone on the building from the same quarry, this increased the amount of stone to sixteen hundred and forty-one yards, and on this excess of four hundred and forty-one yards we have paid to the quarry company a royalty of twenty-five cents per cubic yard, amounting to one hundred and ten dollars, and twenty-five cents, making the total royalty paid for quarry right two hundred and eight dollars and seventy-five cents.

Immediately after making the contract for the use of the quarry we transferred from the capitol building two hand power derricks and



such other tools as could be spared from the work on the building to the quarry, purchased four hand power derricks and the necessary quarry tools to prosecute the work; we purchased also the necessary lumber, etc., and built a smith shop and boarding shanty to accommodate the men at work in the quarry and commenced quarrying stone with Mr. Thomas A. Lister an experienced quarryman in immediate charge, with such general supervision as members of your committee could give to the work. We opened the quarry in two places, one on the land owned and the other on that leased by the quarry company, but soon found it expedient to quit work on the land owned by the company on account of its not furnishing stone of sufficient thickness for our work.

We experienced great difficulty towards the close of the work in getting stone of the larger dimension required, as all the bills for the small stone had been filled, and we were obliged to quarry exclusively for large sized stone thereby greatly increasing the expense.

The work was prosecuted with a greater or less force of men until February 16, 1875, at which time a sufficient quantity of stone for the basement story with the additional course "G," before referred to, the portico and interior piers, skew backs and bond stone had been quarried amounting in all to forty-four thousand three hundred and eight and five twelfths cubic feet or 1,641 yards one foot five inches cutting measure.

The total amount expended in working the quarry, including the cost of machinery, tools and buildings, the repairs to machinery and tools, the royalty paid on stone, together with the per diem and expenses of the superintendent of finance in making the payments at the quarry, and of Mr. Finkbine, overseer of construction, whose whole compensation was charged to the quarry account for all the time spent thereat, amounts to the sum of \$68,321.62.

At the close of the work we transferred to the capitol building the tools and machinery taken to the quarry, together with two of the derricks purchased for the quarry, (which were needed at the building), with such other tools as we could not readily dispose of. We sold at auction the shops and boarding shanty and a portion of the quarry tools, and a portion at private sale. The amount received for the sales above named was \$660.95; the value of tools and machinery sent to the building is \$789.37, making the net expenditure at the quarry \$66,871.30, being one dollar and fifty cents per cubic foot for the stone. We append an itemized account of the expenditures, classified, together with an account of the sale of tools and machinery.

MATURIN L. FISHER,  
R. S. FINKBINE,  
PETER A. DEY.

*Executive Committee.*

*Des Moines, April 22, 1875.*



*Lumber, Timber, Nails, and Hardware for Boarding House, Smith Shop and Office.*

29,072 feet of lumber.....	\$ 589.27
Hauling lumber to quarry .....	41.00
Shingles .....	1.75
Sash and glass.....	37.40
10 bushels lime.....	5.00
1,800 brick.....	13.00
Building paper.....	19.38
Hardware .....	25.38
Hauling tools and material.....	125.20
2 stoves and pipes.....	15.75
Labor paid by voucher.....	45.75
801 pounds nails.....	44.06
	<hr/>
	\$ 960.94

*Tools and Machinery.*

2 hand power derricks.....	\$ 420.00
2 hand power derricks.....	280.00
1 bellows (smith).....	15.00
1 vise.....	10.08
1 anvil .....	24.16
1 grindstone.....	6.84
1 grab chain.....	3.68
1 axe and handle.....	1.60
1 tuyere iron.....	3.00
4 double 14-inch blocks.....	56.00
1 double 12-inch block.....	12.60
1 single 14-inch block .....	7.00
1 single 12-inch block.....	6.30
3 augers ... ..	2.25
1 brace and bits.....	2.20
1 hand saw.....	2.25
1 drawing knife .....	1.25
1 punch .....	.15
7 iron squares.....	2.45
45 shovels .....	58.33
33 picks.....	43.75
2 hammers .....	13.80
5 mattocks.....	9.05
29 barrows.....	79.75
4 sledges .....	7.96
29 crowbars.....	170.18
30 drills.....	72.80
1 wrench.....	2.25
15 files.....	9.85
	<hr/>
	\$ 1,324.53



*Iron Purchased.*

13½ lbs. at 12 cents.....	\$ 1.62
263¾ lbs. at 11 cents.....	29.01
11¼ lbs. at 10 cents.....	1.13
2½ lbs. at 8 cents.....	.20
141 lbs. at 7¾ cents.....	11.00
141 lbs. at 7½ cents.....	10.57
5,897 lbs. at 7 cents.....	412.79
16½ lbs. at 6½ cents.....	10.50
58 lbs. at 6 cents.....	3.48
199½ lbs. at 5½ cents.....	10.98
74 lbs. at 5¼ cents.....	3.89
426 lbs. at 5 cents.....	21.29
145 lbs. at 4¾ cents.....	6.89
391 lbs. at 4½ cents.....	17.57
84 lbs. at 4¼ cents.....	3.57
<hr/> 8,009 lbs.....	<hr/> \$ 544.49

*Steel Purchased.*

3 lbs. at 25 cents.....	\$ .75
104 lbs. at 24 cents.....	24.96
342 lbs. at 22 cents.....	74.24
45 lbs. at 21 cents.....	9.48
13 lbs. at 16 cents.....	2.08
<hr/> 507 lbs.....	<hr/> \$111.48

*Rope Purchased.*

163 lbs. at 21 cents.....	\$ 34.23
517 lbs. at 20½ cents.....	105.99
220 lbs. at 20 cents.....	44.00
266 lbs. at 19 cents.....	50.54
75 lbs. at 18 cents.....	13.50
<hr/> 1,241 lbs.....	<hr/> \$248.26

*Repairs on Tools.*

Repairs to truck wagon.....	\$ 89.80
Repairs to road.....	13.12
Repairs to derricks.....	19.19
Bolts and washers.....	.90
	<hr/>
	\$ 123.01

*Miscellaneous Expenses.*

Telegraphing.....	\$ 4.37
Advertising.....	7.25
Express charges.....	6.35
Expense of Smith (Derrick).....	23.70
Railroad fare of men to quarry.....	64.25
	<hr/>
	\$ 105.92



*Miscellaneous Supplies.*

Paper, ink and envelopes.....	\$ 3.10
Postage stamps.....	1.50
36 lbs. borax (smith work).....	13.30
19 kegs powder.....	100.88
1,534 ft. fuse.....	12.70
Oil, cans and brushes.....	13.95
14 pails and dippers.....	4.15
1½ doz. brooms.....	3.25
1 barrel.....	1.75
1 box.....	.85
Lampblack.....	1.70
Wood for office.....	4.50
Twine.....	.55
400½ bushels Blossburg coal.....	256.55
1,251 pick and hammer handles.....	216.73
Copper wire.....	1.90
3 bars of lead.....	.35
	<hr/>
	\$ 637.71

*Superintendent of Finance.*

Per diem.....	\$ 285.00
Expenses.....	187.65
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	\$ 472.65

*Overseer of Construction.*

Per diem.....	\$ 456.76
Expenses.....	154.07
	<hr/>
	\$ 610.83

*Railroad Freight.*

On tools and machinery.....	\$ 325.76
On stone.....	9,216.28
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	\$ 9,542.04

Hauling stone to railroad.....	\$ 7,752.16
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*Labor at Quarry, - Superintendent and Foreman.*

559 days, at \$5.00.....	\$ 2,795.00
129 days, at 3.50.....	451.47
79½ days, at 3.00.....	237.75
	<hr/>
767½.....	\$ 3,484.22



*Blacksmith and Helper.*

389 $\frac{1}{2}$ days, at \$3.25.....	\$ 1,265.87
69 $\frac{1}{4}$ days, at 3.00.....	207.75
275 $\frac{3}{4}$ days, at 2.00.....	551.50
28 days, at 2.25.....	63.00
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762 $\frac{1}{2}$ .....	\$ 2,088.12

*Drillers and Scabblers.*

845 9-10 days, at \$2.50.....	\$ 2,114.67
1,680 2-10 days, at 2.25.....	3,780.42
5,448 3-20 days, at 2.00.....	10,896.30
5,269 $\frac{1}{4}$ days, at 1.75.....	9,219.60
148 $\frac{3}{4}$ days, at 1.62.....	240.97
246 days, at 1.50.....	368.99
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13,683 $\frac{1}{4}$ .....	\$26,620.99

*Carpenters.*

2 days, at \$3.50.....	\$ 7.00
22 days, at 2.75.....	60.50
27 $\frac{1}{2}$ days, at 2.50.....	68.75
1 day, at 2.25.....	2.25
175 $\frac{3}{4}$ days, at 2.00.....	351.50
62 $\frac{1}{2}$ days, at 1.75.....	109.37
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290 $\frac{3}{4}$ days.....	\$ 599.37

*Teams in Quarry.*

1 day.....	\$ 4.00
321 $\frac{1}{4}$ days, at \$3.00.....	963.75
4 days, at 2.50.....	10.00
1 $\frac{3}{4}$ days, at 1.50.....	2.63
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328 days.....	\$ 980.38

*Laborers.*

2,930 3-20 days, at \$1.75.....	\$ 5,127.03
3,409 12-20 days, at 1.50.....	5,113.66
29 days, at 1.00.....	29.00
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6,368 $\frac{1}{4}$ days.....	\$10,269.69

*Tool and water boys.*

55 days at \$1.50.....	\$ 82.50
158 $\frac{1}{2}$ days at 1.25.....	198.08
396 $\frac{1}{2}$ days at 1.00.....	396.50
46 $\frac{1}{2}$ days at .75.....	34.87
5 days at .50.....	2.50
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661 $\frac{1}{2}$ .....	\$ 714.45



*Labor, at loading derrick.*

79	days at \$2.50 .....	\$ 197.50
249	days at 2.25 .....	560.25
71	days at 2.00 .....	142.00
1½	days at 1.75 .....	2.62
400½	.....	\$ 902.37

*Riggers.*

4	days at \$3.00 .....	12 00
1¾	days at 2.00 .....	3.50
2 2-10	days at 1.75 .....	3.80
7 19-20	.....	\$ 19.30

*Recapitulation of labor.*

Foreman .....	767½	days	\$ 3,484.22
Blacksmiths.....	762½	days	2,088.12
Drillers and scabblers.....	13,638½	days	26,620.95
Carpenters.....	290½	days	599.37
Teams.....	328	days	980.38
Laborers .....	6,368½	days	10,269.69
Water and tool boys.....	661½	days	714.45
At loading derrick.....	400½	days	902.37
Riggers .....	7 19-20	days	19.30
	23,225½	days	\$ 45,678.85

*Recapitulation of cost.*

Lumber and timber.....	\$ 589.27	
Hauling same.....	41.00	
Building hardware, etc.....	\$ 286.61	
Nails .....	44.06	\$ 960.94
Machinery and tools.....		1,324.53
Iron.....		544.49
Steel .....		111.48
Rope .....		248.26
Miscellaneous supplies.....		637.71
Repairs on tools and machinery.....		123.01
Miscellaneous expenses.....		105.92
Superintendent of finance.....		472.65
Overseer of construction.....		610.83
Freight on tools and machinery.....	325.76	
Freight on stone .....	9,216.28	9,542.04
Hauling stone to railroad.....		7,752.16
Labor paid on pay rolls.....		45,678.85
Royalty paid on quarry.....		208.75
Total .....		\$ 68,321.62



*Account of sales of buildings and tools.*

To Joseph Gregg, 4 crow-bars, at \$3.00.....	\$ 12 00	
1 crow-bar.....	6.00	
6 drills, at \$2.50.....	15.00	
1 hammer.....	5.00	
4 drills, at \$0.75.....	3.00	
2 hammers, at 1.00.....	2.00	
4 shovels, at .50.....	2.00	
1 hammer.....	1.00	
1 hammer.....	2.00	
2 picks.....	2.00	
1 lot of plugs and feathers.....	3.00 —	53.60
Lumber to Peter Hart.....	\$ 10.05	
Lumber to Jerry Bressingham.....	5 00	
Wheelbarrow to B. Mason.....	1.00	
Wheelbarrow to M. Doyle.....	.50	
Lumber to Samuel Horne.....	2.50	
Stove to Henry Theolus.....	5.00	
At auction, 1 sash.....	.70	
2 barrows.....	1.00	
Fuse.....	.35	
2 drills.....	3.50	
1 crow-bar.....	3.00	
1 mattock.....	.50	
2 barrows.....	1.00	
1 grindstone.....	1.50	
Lot of lumber.....	2.25	
Smith-shop.....	46.00	
One section of boarding shanty.....	20.00	
One section of boarding shanty.....	40.00	
One section of boarding shanty.....	17.25	
One section of boarding shanty.....	25.00	
One section of boarding shanty.....	39.00	
Two tables.....	2.25	
One lot of benches.....	1.70	
One section of shanty.....	9.50	
One lot broken wheelbarrows.....	1.45	
One shovel.....	.35	
One lot scrap iron.....	5.50	
One hand-saw.....	2.00	
One lot of lumber.....	5.00	
To Penn Quarry Co., 2 hand-power derricks.....	280.00	
Time of men putting up same.....	36.20	
One sash sold.....	.70	
One wheelbarrow sold.....	1.50	
Stone spawls sold at building.....	36.10	
Total sales.....	\$ 660.95	



*Machinery and Tools Bought for Quarry and Transferred to Capitol Building.*

2 hand power derricks.....	\$ 420.00
Railroad freight from quarry.....	50.00
1 grab chain.....	3.68
1 smiths' bellows.....	15.00
1 smiths' vise .....	10.08
1 smiths' anvil .....	24.16
3 smiths' tongs.....	9.00
4 cold chisels.....	1.00
29 drills .....	58.00
11 crowbars.....	55.92
2 sledges.....	3.98
18 shovels .....	23.25
23 picks .....	34.50
45 lbs. of steel.....	9.45
285 lbs. of iron.....	19.95
Miscellaneous tools.....	25.00
3 lots rope.....	20.00
6 pieces of timber.....	6.40
Total .....	\$ 789.37

*Summary.*

Total amount expended at quarry .....	\$68,321 62
Amount received from sales.....	\$660.95
Value of tools transferred.....	789.37—\$ 1,450.32
Total net expenditure at quarry.....	\$66,871.30

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## NUMBER TWO.

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### REPORT OF THE COMMITTEE ON MUNSON & TURNER'S QUARRY.

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*To the Board of Capitol Commissioners :*

The committee appointed at the meeting of March 20th to visit the quarries of Munson & Turner for the purpose of examining and determining as to the probability of their being able to fulfill their contract to furnish stone for the superstructure of the new capitol building,



would report that they visited the quarry on the 21st of April; that the development of the quarry was little more than had been shown at previous visits of individual members of this board; that so far as worked there is no improvement in the quality of the stone; that the seams or veins in the stone are as prominent as they have been, and that the objection to the use of the stone for the superstructure is fully as great as it was for the basement story.

The committee do not believe that the quarry can furnish stone free from these objectionable features, no course as yet having been found without them, and it is questionable whether the expenditure of any amount of money would furnish stone as called for in the specifications.

C. C. CARPENTER,  
R. S. FINKBINE,  
PETER A. DEY,  
JOHN G. FOOTE.

#### MINORITY REPORT.

The undersigned finding himself unable to concur in the report of his colleagues in relation to the contract of Munson & Turner, to furnish the stone for the construction of the new state capitol of Iowa, respectfully submits the reasons for his dissenting opinion.

The undersigned apprehends that there is a marked distinction between a seam and a vein in a stone quarry; a seam is an open crevice or fissure which entirely unfits a stone for use in a building; any stone with a seam in it ought to be rejected, and it is understood that the contractors do not propose to offer any such for the acceptance of the Commissioners. A vein is a crevice or fissure filled up and made solid by the infusion of some other stone, generally of a different chemical composition and frequently of a different color from the main body of the stone which encloses it, and does not diminish the strength or durability of the stone.

In case of the Quincy stone, it has been proved by actual experiment that the black veins which intersect it, do not impair its strength or increase its liability to fracture, and the results of the experiment are confirmed by the experience of cutters employed in cutting the stone. It seems to the undersigned that the only tenable objection to the Quincy stone is the black veins which intersect it, and in conformity with what appears to be the taste of his colleagues, would prefer if a sufficiency of such stone could be procured without an enormous cost to build the capitol of pure white statuary marble, but he is aware that according to the taste of many, that the dark veins of this stone interspersed throughout the walls would not impair their beauty, but on the contrary, would give an agreeable diversity to their color.

The Quincy stone is a crystalized carbonate of lime; very hard, susceptible, of a high polish, and belonging to the metamorphic class of rocks. This class abounds in veins; in the renowned Carrara quarry it is difficult to find a block of sufficient size free from veins for statuary purposes.

Marble, with black veins, and veins of other colors, is extensively



used for funeral monuments as well as in architecture. From the information the undersigned has been able to obtain, he is disposed to believe that there are very few marble buildings in Europe or America, in ancient or modern times, free from veins.

If the commissioners determine that they will use no other stone, except such stone as is free from veins, they will be obliged to reject the whole class of metamorphic rocks. A specimen of the Quincy stone was submitted to Professor Hinrichs, of the State University, for his examination; in his report he says: "The stone may be fairly called a coarse grained marble. I consider it the best limestone which I have seen from any part of the northwest; it is also one of the most beautiful building stones and will retain its light color indefinitely."

The undersigned concurs in this opinion and adopts it as his own. The undersigned regrets that he is unable to say that the development of the quarry has demonstrated that stone enough to build the capitol can be supplied from the quarry, but still he feels some degree of confidence that a sufficiency can be found there. It is therefore the opinion of the undersigned, that Munson & Turner should be required to execute their contract and deliver the stone according to its provisions.

MATURIN L. FISHER.

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### NUMBER THREE.

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#### REPORT OF THE ARCHITECT ON THE COMPARATIVE COST OF SANDSTONE AND LIMESTONE, INCLUDING THE CUTTING.

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*To the Iowa State Capitol Commissioners:*

GENTLEMEN: In answer to the resolutions of your board, I beg leave to report the following estimate of the relative value of the limestone and sandstone offered in the proposals received the 15th day of last June, with the difference of cost of cutting. I think it to be unnecessary to report particularly on the stone from the old capitol quarry of Iowa, as it is not sufficiently fine for the upper structure. The same may be said of the Thunder Creek stone, which has also the disadvantage of having the stone in too thin layers for our purposes. Leaving aside the conflicting reports as to the durability of the oolite limestone



of Orford, the difference of color and the doubt as to the capacity of the quarry to furnish a sufficient quantity for our building, rank it among the qualities of stone not acceptable for the building. All the other proposals include stone which in beauty or durability may figure in any building, and the quarries are such that any quantity may be obtained from them of an even color in any reasonable time, and for all of them the only matters for consideration are the color and the price, both of the material and of the cutting.

The value of the material is as follows; admitting 225,000 cubic feet of stone.

Sandstones—

Carroll county, Mo.....	\$213,750
Amherst, blue, Ohio.....	236,250
St. Genevieve, Mo.....	254,250
Amherst, buff, Ohio.....	258,750
Berea, Ohio.....	270,000
Buena Vista, Ohio.....	292,250

Limestone—

Lemont, Ill.....	241,875
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The difference of cutting the different sandstones is very slight, the Amherst and Berea being the cheapest to cut, and the St. Genevieve the most costly, the difference being, from what I can learn from parties who have worked them, about \$7,000 for our work, the Buena Vista and Carroll county being about half way between the St. Genevieve and the Ohio stone.

The limestone will cost considerably more to cut, and I cannot estimate the extra value at less than \$60,000 for our work, from which it would be fair to deduct a little on account of its hardness and easiness to handle for setting without danger of breaking the sharp corners and edges. I would estimate the value of cutting the different sandstones as varying from \$147,000 to \$155,000 and of the limestone at \$215,000.

Your Board will themselves judge of the color of the stone as fitted to our building, but I may say that, as has been already informally talked about in the Board meetings, I think that a proper division of two different colored stones—say buff and blue—would be an advantage instead of a detriment, provided each of the stones be of a well defined color and very even.

All of which is respectfully submitted.

A. H. PIQUENARD,  
*Architect Iowa State Capitol.*



## NUMBER FOUR.

## CONDENSED REPORT OF THE OVERSEER OF CONSTRUCTION, FOR THE YEARS 1874 AND 1875.

*To the Capitol Commissioners :*

GENTLEMEN :—I herewith submit my report of the materials purchased and received and of the work done on the new capitol building in the years 1874 and 1875, condensed from my annual reports. During the above named time the basement story has been built, the iron beams for the office floor have been put in place, the corridors have been arched over and concreted up to the floor-line, the greater portion of the exterior and interior walls of the office story have been built, the pilasters and dome columns have been cut and set, and most of the stone to complete the office story are on hand and cut. I purchased at various times as directed by the commissioners, during 1874, the iron columns for the basement story, the castings for the plates and separators for the main floor-beams, the stone for the pilasters and piers in the basement story, the lime used in stone-setting, one ten-ton scale, the necessary lumber for scaffolding, centering, and miscellaneous purposes, the coal for the shops, office and engines, and such miscellaneous supplies as were needed in the progress of the work.

During the year 1875, I purchased, in pursuance of the same authority, the stone for the pilasters and columns in the main corridors of the office story, and two new engines—one a double engine to work two derricks for unloading and handling stone, the other a double-cylinder engine to work a derrick on the building for setting stone. I bought two lots of brick, one of S. A. Robertson, the other of Francis Geneser, of 100,000 each, together with the necessary sand, lime, lumber, coal, and miscellaneous supplies needed in the progress of the work. There has been built one new buggy-derrick for stone setting, and one new boom-derrick for handling stone, and one hand-power boom-derrick has been changed to a steam derrick. Three steps have also been built to raise the setting derricks high enough to set the office-story.

The organization of the working force on the capitol building, under the direction of the overseer of construction and his assistant, who by direction of the commissioners, have the general charge and supervision of the work, is as follows:

There are two general foremen, one of whom, Mr. James R. Crawshaw, has charge of the iron and wood work, centering, and patterns;



the other, Mr. N. W. Smith, has charge of the general labor, derricks, all derrick work, stone masonry, and concreting. The brick-work is under the supervision of Mr. John C. Lefler. All work done under the above named foremen is by the day. The stone-cutting is done by the superficial foot, at a price, in accordance with the work done, ranging from \$1.50 to \$0.07 per square foot. The workman is furnished with a ticket for each stone, on which is an isometrical drawing of the stone as it will be when cut, with all necessary written directions, the exact size of each dimension, and number of pattern, where a pattern is to be used. This work is under the charge of Messrs. William and Thomas Brunton.

I take pleasure in stating to the commissioners that the character of the work done, under the direction of the above named gentlemen, is ample evidence of their skill and ability in their departments. Statements are hereto attached showing the amount and kinds of material received, the amount and kinds of work done, and the cost of tools and machinery purchased.

Respectfully submitted,

R. S. FINKBINE,  
*Overseer of Construction.*

#### STATEMENT.

Materials purchased and work done on the new capitol building from December 20, 1873, to November 30, 1875:

##### *Materials Purchased.—Stone.*

	FT.	IN.
Iowa City quarry.....	29,011	9
E. Walker, Lemont.....	3,936	2
J. B. Webb, Anamosa.....	453	4
M. Heisey, Anamosa.....	1,200	10
Barnum & Overman, granite.....	46	2
L. Robinson & Son, granite.....	147	8
Carroll County sandstone .....	34,563	8
St. Geneveive sandstone .....	45,564	8
Total.....	114,924	3

##### *Brick.*

Francis Geneser.....	1,002,725
Jas. N. Close.....	261,331
S. A. Robertson, (Close contract).....	100,000
J. C. Taylor, (Close contract).....	1,448,803
Francis Geneser, (purchase).....	100,000
S. A. Robertson, (purchase).....	100,000
Total.....	3,012,859

##### *Cement.*

Des Moines Coal Company, 7,970 bbls.....21,122,276 pounds.



*Sand.*

Scott & Bartlett..... 78,427 bushels.

*Lime.*

S. A. Robertson..... 447 $\frac{1}{8}$  bushels.  
 Sundry parties..... 184 bushels.  
 Total..... 631 $\frac{1}{8}$  bushels.

*Water.*

Des Moines Water Company..... 649,818 gallons.

*Cast Iron.*

Waldron Brothers..... 21,166 pounds.

*Wrought Iron.*

In floor-beams.....196,772 pounds.  
 In Angle irons..... 2,380 pounds.  
 In bolts and rivets..... 1,109 pounds.  
 In bar and rod..... 5,889 $\frac{1}{2}$  pounds.

Total.....206,150 $\frac{1}{2}$  pounds.

Cast Steel..... 258 $\frac{1}{4}$  pounds.

Nails..... 2,903 pounds.

Sheet zinc for patterns . . . 1,696 $\frac{1}{2}$  pounds.

Lumber and timber.....139,566 feet.

Coal..... 8,616 $\frac{7}{8}$  bushels.

Five loads of slack.....

*Oil.*

For derricks..... 61 $\frac{1}{2}$  gallons.

For engines..... 142 $\frac{1}{2}$  gallons.

Total..... 204 gallons.

Tallow..... 82 pounds.

*Car Repairs.*

Iron work.....\$ 225.45

Wood work..... 21.90

Total..... \$ 247.35



*Engine Repairs.*

Valve .....	\$ 2.15
Valve-rod.....	2.85
Globe-valves .....	6.30
Gauge-cocks.....	2.65
Oil-cups .....	13.05
Steam-gauge .....	7.10
Hoisting spools.....	39.80
Smoke-stack .....	5.00
Rubber packing.....	16.50
Steam-chest repairs .....	5.70
Machine-work .....	16.70
Pipe.....	.45
Cotton-waste.....	10.50
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Total .....	\$ 128.75

*Repairs to Derricks.*

Paints .....	\$ 32.05
Iron .....	76.01
Rope.....	126.07
Bolts and guy-rods.....	21.60
Friction sheaves.....	44.20
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Total .....	\$ 299.94

*New Tools and Machinery.*

1 smith's vise.....	\$ 15.30
1 sand-screen.....	10.50
Pulley-blocks.....	16.79
Rope .....	170.83
Hose couplings and water-pipe.....	155.68
452 pounds cable-chain.....	43.66
1 10-ton scale.....	200.00
1 portable forge.....	56.43
2 ratchet drills.....	41.65
1 hoisting engine .....	2,000.00
1 hoisting engine .....	1,250.00
Railroad freight on engines .....	116.00
2 stone jacks.....	207.40
Stone rubber castings.....	59.15
42 wire-rope sockets.....	94.50
29 lewis irons .....	96.75
6 clevises.....	5.00
3 pairs hooks.....	21.00
New truck cars.....	141.28
885 feet of $\frac{1}{2}$ steel wire rope.....	365.49
2,720 feet of galvanized iron wire rope.....	428.60
Miscellaneous tools .....	287.42
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Total.....	\$ 5,783.43



*Cost of New Steam Buggy Derrick.*

320 ft. steel wire rope.....	\$ 176.73
1,025 lbs. Galvanized iron wire rope.....	143.50
Freight on iron and steel wire rope.....	10.05
Brooks, Wilson & Stein, iron work.....	308.30
Bolton Bros., iron.....	114.42
Lumber for mast and boom.....	112.50
12 wire rope sockets.....	27.00
Labor, building derrick.....	68.25
Total cost.....	\$ 960.75

*Cost of New Steam Boom Derrick.*

Lumber.....	\$ 83.78
Iron.....	26.33
Iron and iron work.....	160.00
Steel wire rope.....	99.83
Galvanized iron wire rope.....	163.68
12 wire rope sockets.....	27.00
Iron work.....	16.94
Labor, building derrick.....	37.57
Total.....	\$ 615.13

*Cost of changing Hand-power Boom Derrick to Steam Derrick (the iron work, guys, castings, and steel wire for which were on hand.)*

Cost of new boom.....	\$ 14.33
Labor.....	50.94
Total.....	\$ 65.27

*Cost of Step to set Derrick on.*

Lumber.....	\$ 39.92
Iron.....	3.59
Iron work.....	4.93
Labor.....	29.37
Total each.....	\$ 77.81
3 of the above, total cost.....	\$ 233.43

*Railroad Materials and Repairs.*

Taxes on right of way ground.....	\$ 332.74
Rental on right of way ground.....	580.00
350 lbs. spikes.....	23.52
7,240 lbs. of T rail.....	296.02
Railroad ties.....	19.00
Iron for bridge over Court Avenue.....	87.52
Lumber.....	215.11
Labor, repairs to road and bridge.....	911.62
	\$ 2,465.53
Less old ties sold.....	5.40
Total expense of railroad.....	\$ 2,460.13



*Cost of Shop for Stone Cutting.*

Lumber.....	\$ 466.19
Nails and hardware .....	24.65
Labor.....	144.01
Total.....	\$ 634.85

*Materials used.*

Lime for stone setting.....	881 $\frac{12}{100}$ bushels.
Sand.....	71,761 bushels

*Cement used.*

In stone masonry.....	7,578 pounds.
In concrete work.....	117,225 pounds.
In brick work.....	1,963,992 pounds.
Total 7,882 barrels.....	2,088,795 pounds.
Water.....	649,818 gallons.

*Coal used.*

In office.....	472 bushels.
In shops.....	730 $\frac{1}{8}$ bushels.
In blacksmith shop.....	466 $\frac{3}{8}$ bushels.
In engines.....	6,948 $\frac{3}{8}$ bushels.
Total coal.....	8,616 $\frac{7}{8}$ bushels.

For engines, five loads of slack.

*Lumber used.*

Railroad.....	8,930 feet.
Scaffolding.....	56,096 feet.
Centering.....	23,694 feet.
Derricks .....	9,308 feet.
Stone-cutters, bankers.....	5,034 feet.
Patterns, gauges, drawing-boards, &c.....	5,402 feet.
Stone-cutters' shops .....	20,844 feet.
Engine and coal sheds.....	4,084 feet.
Blacksmith shops.....	1,109 feet.
Office for foreman of cutters.....	656 feet.
Cars and car repairs.....	724 feet.
Miscellaneous purposes.....	3,685 feet.
Total.....	139,566 feet.

*Cast iron used.*

In columns, plates and separators.....	21,166 pounds.
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*Wrought iron used.*

In floor-beams.....	196,772	pounds.
In angle irons.....	2,380	pounds.
In bolts and rivets.....	1,109	pounds.
In new derricks.....	1,734	pounds.
In old derricks.....	268½	pounds.
In tools and machinery.....	427½	pounds.
In railroad bridge.....	1,093	pounds.
For miscellaneous purposes.....	2,564½	pounds.
Cast steel in tools and machinery.....	258½	pounds.
Total.....	206,606¾	pounds.

The framing of the iron floor beams and the setting of the beams, plates, and columns cost 45<sup>9</sup>— cents per 100 pounds.

*Nails used*..... 2903 lbs.

*Sheet zinc used for patterns*..... 687½ lbs.

*Brick Laid.*

	ft.	in.
In backing to exterior walls.....	95,323	1
In interior walls.....	108,999	1
In cylindrical arches.....	5,285	3
In groined arches.....	5,549	0
Total cubic feet.....	215,156	5

*Brick (kiln count.)*

In walls.....	3,677,657
In cylindrical arches.....	95,136
In groined arches.....	99,882

Total bricks laid..... 3,872,675

*Concrete on arches*..... 14,349 ft. 4 in.

*Dimension Stone set.—Basement Story.*

	ft.	in.
Granite base and sills.....	4,315	6
Dome and corridor piers.....	2,320	4
Interior piers.....	281	10
Bond stone.....	1,359	2
Arches and corbels.....	202	6
Portico, buttress, and piers.....	6,020	3
Exterior walls.....	30,174	7
Total basement story.....	44,674	2



*Office Story.*

	ft.	in.
In walls and portico.....	58,148	1
Stone truss .....	31	1
Pilasters and columns.....	2,248	10
Granite sills.....	84	5
Bond stone.....	1,291	8
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Total office story.....	61,804	1
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Total stone laid in 1874 and 1875.....	106,478	ft. 3 in.

## CLASSIFICATION BY STORIES.

Setting apart those items which pertain to the cost of the whole building.  
The following is a classification by stories.

*Items of Expenditure which pertain to the cost of the whole building.*

Expenditures for plans.....	\$ 4,023.71	
Expenditures for cistern.....	1,512.12	
Expenditures for railroad.....	12,637.90	
Expenditures for tools and machinery.....	18,807.33	
Expenditures for water pipe and meter.....	737.44	
Expenditures for main sewer .....	1,272.28	
Expenditures for printing and advertising.....	2,048.15	
Expenditures for board of commissioners .....	12,317.37	
General and miscellaneous expenditures.....	1,642.35	
Expenditures for repairs on foundation.....	52,353.76	\$107,352.41
Expenditures for foundation to ground line.....		214,055.41
Expenditures for basement story.....		210,803.28
Expenditures for first story to November 30, 1875.		217,449.56
Cash unexpended.....		339.34
		<hr/>
Total expenditures to November 30, 1875.....		\$750,000.00



TABLE No. 1.

*Consolidated statement, showing the number of days labor performed on the Capitol building from January 1 to December 31, 1874, by men and teams. Also, the kind of labor performed and wages paid, but not including stone-cutters that were paid by the superficial foot for cutting.*

	Foremen of stone-cutters and brick-masons.	Superintendent of carpenter and iron work, riveters and surveyors	Stone-setters, stone-cutters and brick masons.	Stone-cutters, brick masons and carpenters.	General foreman of laborers and superintendent of derricks.	Blacksmiths and carpenters.	Team and driver.	General foreman of laborers and superintendent of derricks, engineers & brick-masons.	Brick masons, riggers, & carpenters.	Cart, horse and driver.	Foremen of derricks, & foremen of concrete, & blacksmith's helper	Carpenters, sand-sifters, brick and mortar carriers, drillers and iron drillers.	Derrick laborers & carpenters helpers, laborers on railroad, etc.	Common laborers and rubbers.	Water boys.	Total days from Jan. 1, to Dec. 31, 1874.
	\$5.00 pr d'y	\$4.00 pr d'y	\$3.75 pr day	\$3.50 pr d'y	\$3.25 pr d'y	\$3.00 pr d'y	\$3.00 pr d'y	\$2.75 pr day	\$2.50 pr d'y	\$2.50 pr d'y	\$2.00 pr d'y	\$1.75 pr day	\$1.65 pr day	\$1.50 pr day	\$0.75 pr d'y	
Stone cutting—foreman and cutters.....	364.00	.50	146.25	7.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	518.15
Stone cutting—handling and tool sharpening.....	.....	.....	.....	.....	.....	190.85	.30	210.85	107.60	2.25	457.70	752.20	1,474.55	697.65	203.65	4,097.60
Rubbing stone.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47.50	.....	47.50
Extra handling stone.....	.....	.....	.....	.....	.....	.....	.....	1.60	.80	.....	7.20	2.40	36.40	.....	.....	48.40
Limestone setting.....	.....	.....	314.95	.....	.....	2.00	.....	170.65	46.25	29.50	274.65	381.50	715.75	179.30	139.75	2,254.30
Brick work on basement.....	186.00	.....	1,537.60	153.25	.....	.....	.....	66.25	162.50	413.50	.....	2,261.60	2.00	428.25	293.00	5,503.95
Brick work on foundation.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.00	2.00	5.00	.....	9.00
Tools and machinery.....	.....	.....	.....	.50	.....	19.10	.....	.....	7.75	.....	10.00	7.20	.50	.....	.....	45.05
Carpenter work.....	.....	131.50	.....	24.50	.....	49.75	.....	.....	187.50	.....	28.25	30.20	35.45	15.00	.25	502.40
Pattern making.....	.....	47.50	.....	.....	.....	9.50	.....	.....	1.00	.....	.....	.....	.....	.....	.....	58.00
Wrought iron work.....	.....	58.50	.....	3.00	.....	2.50	.....	8.75	41.25	3.25	42.50	147.30	59.80	50.50	14.00	431.35
Railroad repairs.....	.....	.....	.....	.....	.....	.....	.....	.....	13.00	2.50	8.30	2.00	28.60	57.30	1.50	113.50
Concrete.....	.....	.....	.....	.....	.....	.....	.....	.....	4.00	26.75	10.25	33.75	6.00	312.25	15.50	408.50
General labor.....	.....	1.00	.....	.....	.....	.....	.40	.....	2.50	1.00	1.00	5.00	5.60	8.00	.....	24.50
Foreman of laborers & der'ks	.....	.....	.....	.....	236.00	.....	.....	104.00	.....	.....	.....	.....	.....	.....	.....	340.00
Watchman.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17.00	12.00	.....	.....	29.00
Total days labor for 1874.....	550.00	239.00	1,998.80	188.65	236.00	273.70	.70	562.10	574.15	478.75	839.85	3,642.15	2,378.95	1,800.75	667.65	14,431.20



TABLE

*Consolidated statement, showing the number of days labor per-  
30, 1875, by men and teams. Also the kind of labor performed  
the superficial foot for cutting.*

	Foreman of stone-cutters.	Foremen of brick-masons and assistant foreman of stone-cutters.	General superintendent of carpenter work, iron work and patterns.	General superintendent of stone-setters, carpenter-work, iron-work and patterns, and general foreman of laborers, and superintendent of derricks.	Brick-Masons, stone-cutters and lewisers.	Brick-masons, stone-cutters, lewisers and stone-setters.	Blacksmiths, chief of derricks, brick-masons and lewisers.	Blacksmiths, stone-cutters, brick-masons, engineers and lewisers.
	\$6.00 per day.	\$5.00 per day.	\$4.50 per day.	\$4.00 per day.	\$3.75 per day.	\$3.50 per day.	\$3.25 per day.	\$3.00 per day.
Stone cutting,—foreman and cutters.....	153.50	332.75	.....	.....	80.25	75.80	.....	118.00
Stone cutting,—handling and tool-sharpening.....	.....	.....	.....	6.50	.....	.....	155.75	105.50
Rubbing stone.....	.....	.....	.....	.....	.....	.....	.....	.....
Extra handling stone.....	.....	.....	.....	.....	.....	.....	.....	3.00
Sandstone setting.....	.....	.....	.....	268.60	.....	10.00	.....	51.00
Limestone setting.....	.....	.....	.....	36.50	.....	22.00	.....	.....
Brick-masonry, 1st story.....	.....	162.50	.....	5.50	1,748.35	99.25	14.00	155.40
Brick-masonry, basement.....	.....	24.50	.....	.....	118.25	.....	.....	9.00
Carpenter work.....	.....	.....	143.25	50.00	.....	.....	.....	.....
Wrought iron work.....	.....	.....	50	.....	.....	.....	.....	.....
Tools and machinery.....	.....	.....	34.25	16.50	1.75	.....	56.75	25.75
Pattern making.....	.....	.....	4.50	18.00	.....	.....	.....	.....
Railroad repairs.....	.....	.....	8.50	.....	.....	.....	.....	.....
Concreting.....	.....	.....	.....	.....	.....	.....	.....	.....
Water pipe and meter.....	.....	.....	.....	.....	.....	.....	.....	.....
General labor.....	.....	.....	.....	.....	.....	.....	.....	.....
Foreman of laborers and derricks.....	.....	.....	.....	132.00	.....	.....	152.00	.....
Watchman.....	.....	.....	.....	.....	.....	.....	.....	.....
Brick inspector.....	.....	.....	.....	.....	.....	.....	.....	.....
Splitting stone, charged to contractor.....	.....	.....	.....	.....	24.00	.....	.....	.....
Lewisling sandstone.....	.....	.....	.....	.....	147.80	27.98	89.90	17.10
Total days labor for 1875.....	153.50	519.75	191.00	533.60	2,120.40	235.03	468.40	484.75
Total days labor for 1874 & 1875	153.50	1,069.75	191.00	772.60	4,119.20	423.68	704.40	758.45



## NO. II.

*formed on the Capitol building from January 1, to November and wages paid, but not including stone cutters that were paid by*

Teams and drivers.	Engineers.	Derrick foremen, engineers carpenters and riggers.	Cart horse and driver.	Derrick foremen, engineers, foremen of rubbers and carpenters.	Derrick foremen, foremen of rubbers, brick & mortar carriers, and carpenters.	Carpenters.	Drillers, blacksmith's help, brick and mortar carriers, w'man & brick inspector.	Derrick laborers, brick inspector, cement handling and rubbers.	Common laborers.	Water boys.	Total days from Jan. 1, to Nov. 30, 1875.
\$3.00 per day.	\$2.75 per day.	\$2.50 per day.	\$2.50 per day.	\$2.25 per day.	\$2.00 per day.	\$1.90 per day.	\$1.75 per day.	\$1.65 per day.	\$1.50 per day.	\$0.75 per day.	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	760.30
.....	81.95	496.40	.....	312.05	414.20	.....	412.25	2,768.15	1.00	359.85	5,113.60
.....	.....	.....	.....	87.75	119.30	.....	1.75	3,318.75	.....	24.50	3,552.05
7.00	3.60	38.15	.....	4.00	31.30	.....	.....	306.45	.....	.....	393.50
3.25	11.85	613.80	14.25	108.70	253.10	.....	363.15	2,527.25	.....	42.50	4,267.45
5.50	26.15	6.75	1.75	.....	41.75	.....	73.75	124.50	5.25	1.00	344.90
.....	.....	.....	401.30	.....	2,603.75	.....	1,673.25	71.35	455.85	342.02	7,732.52
.....	.....	11.25	24.25	.....	.....	.....	193.80	.....	30.50	43.90	455.45
.....	.....	105.15	.....	42.50	147.85	10.25	.....	43.05	.....	.....	542.05
.....	.....	1.50	.....	.....	1.00	.....	.....	2.25	.....	.....	5.25
1.50	2.40	120.90	.....	8.40	50.10	3.00	2.00	14.50	.....	.....	337.80
.....	.....	50	.....	.....	.....	.....	.....	.....	.....	.....	23.00
\$ 75	.....	28.80	.....	22.00	36.75	.....	15.00	260.05	8.00	.....	382.85
.....	.....	6.50	8.00	3.25	75	.....	40.50	110.00	.....	.....	169.00
.....	.....	.....	.....	.....	.....	.....	.....	7.20	.....	.....	7.20
.....	13.80	49.40	.....	.....	22.25	.....	.....	304.45	1.00	.....	390.90
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	284.00
.....	.....	.....	.....	.....	.....	.....	378.00	.....	.....	.....	378.00
.....	.....	.....	.....	.....	.....	.....	88.40	31.25	.....	.....	119.65
.....	.....	.....	.....	.....	.....	.....	4.00	.....	.....	.....	28.00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	282.78
21.00	139.75	1,479.10	449.55	588.65	3,722.10	13.25	3,245.85	9,889.20	501.60	813.77	25,570.25
21.70	701.85	2,053.25	928.30	588.65	4,561.95	13.25	6,888.00	12,268.15	2302.35	1,481.42	40,001.45



TABLE NO. III.

Consolidated Statement showing the number of superficial feet of stone-cutting done in the year 1874, and in the year 1875, to November 30th; the prices paid per foot for cutting, and the total amount paid for cutting by the foot, for each year, of the several kinds of stone; also the aggregate amount paid for cutting done by the foot.

	PRICE PER FT. PAID.	GRANITE-CUTTING.						LIMESTONE-CUTTING.						SANDSTONE-CUTTING.						TOTAL SUPER- FICIAL FT. CUT.			Tt'l am't paid for cut'g by the foot.
		1874.			1875.			1874.			1875.			1874.			1875.						
		FEET.	IN.	SEC	FEET.	IN.	SEC	FEET.	IN.	SEC	FEET.	IN.	SEC	FEET.	IN.	SEC	FEET.	IN.	SEC	FEET.	IN.	SEC	
	\$1.50	3	11	6	25	2	0	249	7	4	95	6	8	.....	.....	.....	.....	.....	.....	374	3	6	\$ 561.38
	1.30	.....	.....	.....	.....	.....	.....	283	0	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	283	0	0	367.90
	1.25	22	2	0	122	6	0	14	0	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	158	8	0	198.34
	1.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	107	0	7	9	4	6	31	11	6	148	4	7	178.05
	1.05	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	305	7	2	438	6	4	744	1	6	781.30
	1.00	153	4	8	15	10	0	1,253	6	4	505	10	6	.....	.....	.....	.....	.....	.....	1,928	7	6	1,928.54
	.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	0	0	346	10	3	737	2	2	1,095	0	5	985.47
	.80	.....	.....	.....	.....	.....	.....	33	6	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	6	9	26.85
	.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	229	1	10	680	11	1	910	0	11	637.01
	.75	186	4	10	.....	.....	.....	6	5	0	989	4	8	.....	.....	.....	.....	.....	.....	1,182	2	6	886.58
	.65	.....	.....	.....	.....	.....	.....	292	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	292	4	2	190.03
	.63	.....	.....	.....	.....	.....	.....	2,037	7	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,037	7	9	1,284.01
	.60	.....	.....	.....	.....	.....	.....	611	8	8	417	3	10	649	6	2	2,127	8	1	3,806	2	9	2,283.68
	.50	.....	.....	.....	.....	.....	.....	147	10	4	1,326	5	2	1,385	6	2	11,046	7	9	13,906	5	5	6,953.19
	.45	277	4	0	118	7	0	.....	.....	.....	.....	.....	.....	1,057	8	2	8,685	1	1	10,138	8	3	4,502.35
	.43	.....	.....	.....	.....	.....	.....	17,511	7	9	1,565	9	9	.....	.....	.....	.....	.....	.....	19,077	5	6	8,203.20
	.42½	.....	.....	.....	.....	.....	.....	1,803	9	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,803	9	0	766.86
	.40	.....	.....	.....	.....	.....	.....	1,603	11	0	.....	.....	.....	485	8	10	352	2	1	2,441	9	11	976.71
	.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	489	7	5	3,615	8	8	4,105	4	1	1,436.87
	.34	.....	.....	.....	.....	.....	.....	294	1	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	294	1	0	99.97
	.30	.....	.....	.....	.....	.....	.....	204	0	3	.....	.....	.....	3,559	8	6	23,860	6	3	27,624	3	0	8,287.27
	.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,404	1	3	964	11	7	4,343	9	10	6,712	10	8	1,678.18
	.21¼	.....	.....	.....	.....	.....	.....	254	9	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	254	9	0	54.14
	.21	.....	.....	.....	.....	.....	.....	313	10	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	313	10	0	65.87
	.20	.....	.....	.....	.....	.....	.....	741	11	2	625	3	2	301	10	0	5,199	4	6	6,868	4	10	1,373.60
	.17	.....	.....	.....	.....	.....	.....	37,376	6	0	2,261	11	7	.....	.....	.....	.....	.....	.....	39,638	5	7	6,738.88
	.15	.....	.....	.....	.....	.....	.....	2,596	2	10	.....	.....	.....	3,494	0	1	9,771	7	3	15,861	10	2	2,379.27
	.12½	.....	.....	.....	.....	.....	.....	11,178	8	9	.....	.....	.....	4,779	11	8	41,927	5	2	57,886	1	7	7,235.55
	.10	.....	.....	.....	.....	.....	.....	2,989	3	6	295	11	0	3,972	9	3	39,250	5	6	46,508	5	3	4,650.80
	.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,960	10	6	.....	.....	.....	.....	.....	.....	1,960	10	6	156.86
	.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	702	6	9	1,403	3	1	4,899	9	2	7,005	7	0	490.37
Total superficial feet cut.....		643	3	0	282	1	0	81,798	4	7	12,269	1	5	23,435	6	8	156,968	10	5	275,397	3	1	.....
Total paid for cutting by the foot..		\$451.52			\$260.07			\$21,767.82			\$4,212.55			\$3,715.33			\$34,011.79			\$66,419.08			\$66,419.08



TABLE NO. IV.

*Classified Statement showing the amount paid for the several classes of work charged to stone cutting, from Jan. 1, 1874, to Nov. 30, 1875. Also a Classified Statement of the number of cubic feet cut.*

	GRANITE CUTTING.		LIME STONE CUTTING.		SAND STONE CUTTING.		Total amt. paid.
	1874.	1875.	1874.	1875.	1874.	1875.	
Amount paid cutters for cutting by the foot—See Table No. III.....	\$ 451.52	\$ 260 07	\$21,767.82	\$ 4,212.55	\$ 5,715.33	\$34,011.79	\$66,419.08
Amount paid cutters for work by the day—for days, See Table Nos. I and II.....	21.12	.....	582.73	256.68	.....	511.48	1,372.01
Amount allowed extra for checks, false joints, miters, and lewis holes .....	20.25	23.50	603.05	123.45	157.67	1,220 04	2,147.96
Amount paid for cutting lewis holes by the day—See Table No. II .....	.....	.....	.....	.....	.....	995.73	995.73
Amount paid foremen of cutters, by the day—See Table Nos. I and II.....	.....	.....	1,337.75	416.08	482.25	2,168.67	4,404.75
Amount paid for handling and tool sharpening by the day—See Table Nos. I & II .....	45.91	.....	5,799.68	1,155.58	1,491.93	8,248.93	16,742.08
Amount allowed extra for bad stone and accidents.....	.....	.....	210.73	.....	29.67	121.98	362.38
Amount paid for marking tools and materials, rubstones, etc.....	.....	.....	20.29	.....	3.50	7.00	30.79
Total amount paid for cutting during 1874 and 1875.....	\$ 538.80	\$ 283.57	\$30,322.05	\$ 6,164.34	\$ 7,880.40	\$47,285.62	\$92,474.78

	Feet. Inches.		Feet. Inches.		Feet. Inches.		Total Feet. Inches.
	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	
Cubic feet of Granite and Sandstone cut .....	239.10	85. 4	.....	.....	9,449. 8	64,063. 0	73,837.10
Cubic feet of Lemont stone cut, corridors and dome.....	.....	.....	666. 2	2,248.10	.....	.....	2,915. 0
Cubic feet of Iowa City stone cut.....	.....	.....	32,079. 2	4,094.10	.....	.....	36,174. 0
Cubic feet of Anamosa stone cut.....	.....	.....	1,654. 2	.....	.....	.....	1,654. 2
Cubic feet of Sandstone cut for bond stone.....	.....	.....	.....	.....	.....	138. 8	138. 8
Total cubic feet cut from January 1, 1874, to November 30, 1875.....	239.10	85. 4	34,399. 4	6,343. 8	9,449. 8	64,201. 8	11,4719. 8

NOTE.—The cost of handling, and foreman for granite in the above table is charged to lime stone, as no division of time was made.



## NUMBER FIVE.

*To the Board of Capitol Commissioners :*

GENTLEMEN—I herewith present a report and exhibits of expenditures for the new capitol building, in detail, for the years 1874 and 1875, and in the aggregate, from the commencement of the work to November 30th, 1875, showing the disbursement of \$750,000.00, being the full amount thus far appropriated. The next annual appropriation of \$125,000.00 will become due January 1st, 1876.

In the year 1874, we received \$394.30 for damages for non-fulfillment of granite contract, and for sales of old machinery and spawls, as shown in exhibit C, which was disbursed as shown in the footings of exhibit B.

In the year 1875 we received \$339.34 for sales of machinery, spawls, etc., as shown in exhibit E, which we have retained for purposes that will be explained.

For convenience and system the board adopted the rule of monthly payments for labor and material purchased. About the first of each month a pay-roll is made, containing the names of all the operatives employed upon the capitol building during the preceding month, and the amount due each, which is signed individually,—upon which the Auditor's warrant upon the state treasury is issued for the aggregate amount.

For the prompt and just payment of labor or services that may cease, or be discharged during the interim between pay days, we have experienced great difficulty and inconvenience in getting the necessary money—as the law defining the powers and privileges of the board does not provide for any money to be in our possession. For this purpose, it was thought advisable to retain the money received from sales as a relief from our difficulties. The relief, however, has proved only partial and unsatisfactory, and will be more so in the future, as the kind and quality of labor increases in value.

To remedy the difficulties, and effect the desired change, I would suggest, that the legislature be requested, at its coming session, to pass a special law, authorizing the State Treasurer to pay the certificates of the overseer, issued for labor or service performed upon the new capitol building, during the interim between the pay rolls, and also declaring that said certificates shall be included and redeemed in the Auditor's warrant issued for the succeeding pay roll. Should this be effected, then the money, as received for sales, could be permanently disbursed.



The accompanying exhibits are in the following order:

A. Classified statement of the aggregate expenditures, in detail, from the commencement of the work to December 31, 1873.

B. General statement of expenditures from January 1, to December 31, 1874.

C. General statement of cash received in 1874, and to what class credited.

D. Classified statement of expenditures in detail from January 1st, to December 31st, 1874.

E. General statement of expenditures from January 1st, to November 30th, 1875.

F. General statement of cash received in 1875, and to what class credited.

G. Classified statement of expenditures in detail, from January 1st, to November 30th, 1875.

H. Classified statement of the aggregate expenditures from the commencement of the work to November 30th, 1875.

I. Consolidated classified statement of expenditures and apportionments to November 30th, 1875.

In our mode of classification, some of the material purchased has been entered directly to the class in which it was used—for instance, iron purchased for repairs, or for making new machinery has been entered directly to machinery and tools—and steel purchased for making stone cutting tools has been entered to stone cutting—and lumber purchased for machinery and tools, or for the railroad has been entered to each class—also, the wages of the general foreman and watchman, has been entered to salaries. Material purchased to be used in different classes, is classed by its own name.

All of which is respectfully submitted.

JOHN G. FOOTE,  
*Superintendent of Finance.*



## [EXHIBIT "A."]

## CLASSIFIED STATEMENT

*Of the aggregate expenditures in detail from the commencement of the work to  
December 31st, 1873.*

ON WHAT ACCOUNT.	AMOUNT.
Plans .....	\$ 3,943.11
Excavation and drainage.....	15,604.99
Stone .....	89,426.72
Cistern .....	1,512.12
Sand.....	2,723.69
Expenses and miscellaneous.....	1,437.24
Salaries .....	21,503.42
Repairs, removing foundation.....	52,353.76
Stone masonry.....	14,711.21
Brick masonry .....	7,835.23
Concrete .....	4,389.68
Printing and advertising.....	1,864.40
General labor.....	50.59
Patterns .....	74.86
Water .....	475.03
Rubble masonry .....	4,765.97
Iowa City quarry.....	24,080.77
Brick masonry in basement .....	2,323.51
Stone setting.....	863.35
Sandstone cutting .....	51,267.88
Railroad.....	10,177.77
Lumber and timber.....	2,939.16
Wrought iron work.....	488.08
Carpenter work .....	2,938.86
Cement .....	13,617.62
Board of commissioners.....	9,143.31
Fuel.....	957.28
Machinery and tools.....	9,352.63
Nails and hardware.....	458.32
Water pipe and meter.....	647.46
Brick.....	22,645.00
Iron and steel.....	252.86
Total expenditure to December 31, 1873.....	\$374,825.88



## [EXHIBIT "B."]

## GENERAL STATEMENT OF EXPENDITURES

*from January 1st to December 31st, 1874.*

Date of Voucher.	Number of Voucher.	IN WHOSE FAVOR.	ON WHAT ACCOUNT.	Amount.
1874.				
Jan. 2	782	Barnum & Overman.....	Granite, final estimate.....	\$ 530.21
9	783	John G. Foote.....	Pay roll, Iowa City.....	3,009.97
10	784	Paine & Marshall.....	Blossburg coal, Iowa City.....	16.90
10	785	R. Musser & Co.....	Lumber for quarry.....	20.00
10	786	G. W. Cowan.....	Hauling tools, pitch.....	2.25
10	787	Dubuque Times.....	Advertising iron beams and brick.....	17.50
10	788	Keokuk Gate City.....	Advertising iron beams and brick.....	13.00
10	789	Des Moines Water Co.....	Water furnished.....	3.75
10	790	J. S. Clarkson P. M. ....	1000 stamped envelopes.....	34.20
10	791	Ed Wright.....	Salary as secretary and expressage, Dec	101.40
10	792	R. S. Finkbine.....	Salary as overseer, Dec.....	184.00
10	793	A. H. Piquenard.....	Salary as architect.....	300.00
10	794	John G. Foote.....	Pay roll, Des Moines.....	135.45
10	795	John G. Foote.....	Per diem and expenses, Sup't Finance.	64.95
10	796	Iowa State Register.....	Advertising for cast iron and sand.....	15.00
10	797	Shepard & Hess.....	Hardware and iron for quarry.....	89.12
13	798	C., R. I. & P. R. R.....	Freight on stone from Iowa City.....	625.00
Feb. 4	799	John G. Foote.....	Pay roll, Iowa City.....	\$ 3,080.97
5	800	Scott & Bartlett.....	Sand.....	227.95
5	801	H. F. Getchell & Son.....	Lumber.....	15.09
5	802	Ed Wright.....	Salary as Secretary and expressage.....	103.00
5	803	Des Moines Coal Co.....	Fuel.....	48.95
5	804	Shepard & Hess.....	Iron and hardware for quarry.....	125.57
5	805	R. S. Finkbine.....	Salary as overseer.....	250.00
5	806	A. H. Piquenard.....	Salary as architect.....	300.00
5	807	C., R. I. & P. Railroad.....	Freight on stone from Iowa City.....	500.00
6	808	John G. Foote.....	Pay roll, Des Moines.....	2,092.04
6	809	John G. Foote.....	Per diem and expenses supt. of finance	82.15
Mar. 5	810	John G. Foote.....	Pay roll, Iowa City.....	3,361.97
5	811	Ed Wright.....	{ Salary, freight on scale and expenses.	113.85
5			{ Taxes on lots leased for right of way..	150.42
5	812	R. S. Finkbine.....	Salary as overseer.....	72.07
5	813	R. S. Finkbine.....	Salary as overseer.....	177.93
5	814	Waldron Brothers.....	Castings, base, and top, for columns....	263.25
5	815	Scott & Bartlett.....	Sand on contract.....	176.83
6	816	John G. Foote.....	Per diem and expenses, supt of finance	64.85
6	817	John G. Foote.....	Pay roll, Des Moines.....	2,363.07
6	818	C., R. I. & P. Railroad.....	Freight on stone from Iowa City.....	575.00
7	819	Shepard & Hess.....	Hardware account for quarry.....	31.19
7	820	Paine & Marshall.....	Blossburg coal for quarry.....	68.25
19	821	Union Foundry Works..	Rolled iron beams and angle irons....	10,000.00
19	822	C., R. I. & P. Railroad ...	Freight on stone and iron beams.....	1,312.73
20	823	A. H. Piquenard.....	Salary as architect.....	300.00
21	824	Board of Commissioners	Per diem and expenses.....	211.15
Apr. 3	825	Shepard & Hess.....	Hardware account for quarry.....	66.70
3	826	Des Moines Coal Co.....	Coal.....	59.50
3	827	J. D. Seeberger.....	Hand clamps and wire.....	2.25
3	828	Gilbert, Hubbard & Co..	Manilla rope.....	63.23
3	829	Bolton Bros.....	Hardware account.....	9.53
3	830	Ed Wright.....	Salary as secretary and expressage.....	101.65
3	831	Scott & Bartlett.....	Sand on contract in full.....	33.16
3	832	R. S. Finkbine.....	Salary as overseer & traveling expenses	260.55
3	833	Koser & Clark.....	Lumber for quarry.....	19.63
3	834	John G. Foote.....	Pay roll, Iowa City quarry.....	3,228.86
4	835	John G. Foote.....	Pay roll, Des Moines.....	2,335.87



## EXHIBIT "B."—CONTINUED.

Date of Voucher.	Number of Voucher.	IN WHOSE FAVOR.	ON WHAT ACCOUNT.	Amount.
1874.				
Apr. 4.	836	John G. Foote.....	Per diem and expenses, supt of finance	\$ 67.35
6.	837	A. W. Comstock.....	Jackson scale, ten ton.....	157.30
6.	838	W. S. Dart.....	Right of way of railroad.....	50.00
6.	839	H. F. Getchell & Son.....	Lumber account.....	25.47
Apr. 25.	840	Kimbark Bros. & Co.....	Tools, bolts, rivets, and spikes.....	177.45
27.	841	C., R. I. & P. R. R.....	Freight on stone and tools.....	1,130.83
27.	842	A. H. Piquenard.....	Salary as architect.....	614.35
28.	843	Board of Commissioners	Visiting quarries and examining build- ings.....	497.35
28.	844	Board of Commissioners	Per diem and expenses.....	147.95
May 7.	845	Paine & Marshall.....	Blossburg coal for quarry.....	33.80
7.	846	D. A. Shafer.....	Services at quarry.....	45.00
7.	847	Shepard & Hess.....	Hardware, iron and powder.....	80.11
7.	848	John P. Irish.....	Advertising for bricks.....	12.00
7.	849	Kimbark Bros. & Co.....	Norway iron.....	25.24
7.	850	Des Moines Water Co.....	Water.....	7.08
7.	851	Nonpareil Printing Co.....	Advertising for bricks.....	7.00
7.	852	Iowa State Register.....	Advertising and printing.....	21.75
7.	853	H. F. Getchell and Sons	Lumber account.....	66.13
7.	854	Bolton Bros.....	Hardware, nails, and tools.....	20.28
7.	855	Gilbert, Hubbard & Co.....	Coil Manila rope.....	34.16
7.	856	R. S. Finkbine.....	Salary as overseer.....	179.00
7.	857	Ed Wright.....	Salary as secretary, and expenses.....	130.65
7.	858	John G. Foote.....	Pay roll, Iowa City.....	4,217.59
8.	859	John G. Foote.....	Pay roll, Des Moines.....	5,298.99
8.	860	Des Moines Coal Co.....	Cement and coal.....	641.80
9.	861	John G. Foote.....	Per diem and expenses superintendent of finance.....	60.25
11.	862	C., R. I. and P. R. R.....	Freight on stone.....	531.50
12.	863	Board of Commissioners	Per diem and expenses.....	175.00
12.	864	James Carss.....	Engineering.....	8.00
12.	865	Union Foundry Works.....	Iron beams, and angle irons.....	83.50
June 5.	866	Bolton Bros.....	Tools, nails, and iron.....	77.71
5.	867	Francis Geneser.....	Brick on contract.....	640.56
5.	868	Gate City.....	Advertising.....	13.00
5.	869	Hiram Robinson.....	Couplings and nipples.....	3.75
5.	870	Des Moines Water Co.....	Water.....	11.92
5.	871	H. F. Getchell and Sons	Lumber.....	95.23
5.	872	John G. Foote.....	Pay roll, Iowa City.....	3,914.55
6.	873	Shepard and Hess.....	Rope and iron for quarry.....	79.30
6.	874	Paine and Marshall.....	Blacksmith coal.....	19.50
6.	875	Ed Wright.....	Salary as secretary and expressage.....	126.25
6.	876	R. S. Finkbine.....	Salary as overseer and expenses.....	231.65
6.	877	Des Moines Coal Co.....	Cement and fuel.....	906.60
6.	878	John G. Foote.....	Pay roll, Des Moines.....	6,644.48
6.	879	John G. Foote.....	Per diem and expenses superintendent of finance.....	61.85
13.	880	C., R. I. and P. R. R.....	Freights.....	1,220.69
15.	881	A. H. Piquenard.....	Salary as architect, and plans.....	323.94
16.	882	E. Walker.....	Lemont stone.....	499.62
July 2.	883	John G. Foote.....	Pay roll, Des Moines.....	7,885.57
2.	884	John G. Foote.....	Pay roll, Iowa City.....	2,085.48
2.	885	John G. Foote.....	Per diem and exp. supt. of finance.....	59.40
2.	886	R. S. Finkbine.....	Salary as overseer.....	250.00
2.	887	Francis Geneser.....	Brick on contract.....	1,780.74
2.	888	Des Moines Coal Co.....	Cement and fuel.....	620.40
2.	889	Kimbark Bro's and Co.....	Rivets, bolts and T rail.....	248.37
2.	890	G. W. McCall.....	Sand screen.....	10.00
2.	891	Bolton Bro's.....	Nails, tools, and hardware.....	25.11
2.	892	J. D. Seeberger.....	Grindstones.....	7.24
2.	893	McDonald & Meara.....	Shopwork, and labor on Iron beams.....	97.00
2.	894	Shepard & Hess.....	Iron for quarry.....	10.89
2.	895	J. M. Hedrick & Co.....	Advertising for brick.....	6.00
2.	896	John P. Irish.....	Advertising for stone.....	12.00
2.	897	Nonpareil Printing Co.....	Advertising for stone.....	12.50
2.	898	Iowa State Register.....	Advertising for stone.....	13.50



## EXHIBIT "B."—CONTINUED.

Date of Voucher.	Number of Voucher.	IN WHOSE FAVOR.	ON WHAT ACCOUNT.	Amount.
1874.				
	2..	899 Redhead and Wellslager	Tracing cloth and wall paper.....	17.20
	2..	900 Des Moines Water Co....	Water for June.....	10.13
	7..	901 Gilbert, Hubbard & Co..	Cotton waste.....	5.00
	7..	902 Ed Wright .....	Salary as secretary, exp. to Anamosa...	149.50
	8..	903 C., R. I. and P. R. R.....	Freight bills.....	675.12
	9..	904 H. F. Getchell and Sons	Lumber and timber.....	88.08
	9..	905 } Board of Comm'rs.....	Per diem and exp. board meeting.....	339.71
	9..	905 } Board of Comm'rs.....	Per diem and exp. visiting quarries ...	579.95
	9..	906 A. H. Piquenard.....	Salary as architect and exp. to quarries	397.00
	10..	907 Waldron Bro's .....	Cast iron on contract and shop work....	180.45
Aug.	6..	908 Des Moines Coal Co.....	Cement .....	1,008.80
	6..	909 William Marshall.....	Blossburg coal for quarry .....	16.90
	6..	910 Martin Helsey.....	Anamosa stone.....	600.41
	6..	911 Shephard and Hess .....	Rope and powder for quarry .....	24.17
	6..	912 Francis Geneser.....	Brick on contract .....	2,691.14
	6..	913 Ed Wright .....	Salary as secretary and office expenses	127.75
	6..	914 C. J. Hammer.....	Hauling from depot.....	3.75
	6..	915 J. K. & W. H. Gilcrest ...	Lumber.....	53.28
	6..	916 Bolton Bro's .....	Hardware .....	11.70
	6..	917 Des Moines Water Co....	Water for July .....	13.35
	6..	918 Gilbert, Hubbard & Co..	Two W. P. Blocks.....	14.40
	6..	919 C. H. Ward.....	Oil, paints &c .....	42.60
	6..	920 Hiram Robinson.....	Valve couplings .....	4.35
	7..	921 R. S. Finkbine.....	Salary as overseer and exp. to quarry...	185.80
	7..	922 H. F. Getchell & Sons...	Lumber.....	23.00
Aug.	7..	923 J. D. Seeberger .....	Hose and couplings.....	25.76
	7..	924 J. N. Close.....	Brick on contract.....	173.45
	7..	925 Waldron Bros.....	Cast-iron on contract.....	342.66
	7..	926 John G. Foote.....	Pay roll, Iowa City.....	1,778.33
	7..	927 John G. Foote.....	Per diem and expenses, supt. of finance	81.50
	7..	928 John B. Webb.....	Anamosa stone.....	107.83
	7..	929 A. H. Piquenard.....	Salary as architect.....	300.00
	8..	930 John G. Foote.....	Pay roll, Des Moines.....	7,853.39
	10..	931 J. C. Taylor.....	Brick on contract of J. N. Close.....	745.99
	10..	932 Watson Coal & Min'g Co	Engine coal.....	41.76
	10..	933 Union Foundry Works..	Balance on rolled iron beams.....	545.43
	21..	934 C., R. I. & P. Railroad..	Freight bills.....	627.49
Sep.	4..	935 Francis Geneser.....	Brick on contract.....	3,752.72
	4..	936 J. N. Close .....	Brick on contract.....	443.68
	4..	937 John G. Foote.....	Pay roll, Iowa City.....	1,765.23
	4..	938 R. S. Finkbine.....	Salary as overseer, expenses to quarry	257.95
	4..	939 Shepard & Hess.....	Iron and hardware for quarry .....	37.62
	4..	940 Marshal Talbot.....	Railroad ties.....	19.00
	4..	941 Des Moines Water Co....	Water for August.....	16.68
	4..	942 Roberts'n & Willoughby	Lime.....	19.91
	4..	943 H. F. Getchell & Sons....	Lumber.....	68.90
	4..	944 A. H. Piquenard.....	Salary as architect.....	300.00
	4..	945 Bolton Bros .....	Tools and hardware.....	15.95
	4..	946 J. K. & W. H. Gilcrest ...	Lumber.....	26.04
	4..	947 Watson Coal & Min'g Co	Engine coal.....	37.20
	4..	948 Ed Wright.....	Salary as secretary, railroad tax.....	174.63
	4..	949 N. W. Smith.....	Expenses to quarry.....	13.30
	5..	950 Des Moines Coal Co.....	Cement and lime.....	1,226.83
	5..	951 John G. Foote.....	Pay roll, Des Moines.....	5,838.63
	7..	952 Brooks, Wilson & Stein	Car wheels and shop work.....	26.25
	7..	953 John G. Foote.....	Per diem and expenses, supt. of finance	35.00
	7..	954 John G. Foote.....	Per diem and expenses, supt of finance	39.55
	7..	955 C., R. I. & P. Railroad ...	Freight bills.....	464.08
	8..	956 Francis Geneser.....	Brick on contract, final settlement.....	1,613.31
	9..	957 Dawson & Gerry.....	Re cutting files.....	28.05
	12..	958 Board of Commissioners	Per diem and expenses.....	182.40
	12..	959 C., R. I. & P. Railroad....	Freight on Carroll county stone.....	292.50
	23..	960 W. F. Hackney.....	On account of A. H. Piquenard.....	75.00
Oct.	5..	961 Ed Wright.....	Salary as secretary and expenses.....	131.50
	5..	962 John G. Foote.....	Pay roll, Iowa city.....	1,864.08
	5..	963 Carroll Co. Sandstone Co	Stone on contract.....	654.47



## EXHIBIT "B."—CONTINUED.

Date of Voucher.	Number of Voucher.	IN WHOSE FAVOR.	ON WHAT ACCOUNT.	Amount.
1874.				
Oct. 5..	964	C., R. I. & P. Railroad .....	Freight bills.....	794.53
5..	965	Eugene Paine.....	Blossburg coal at quarry.....	15.00
5..	966	Shepard and Hess.....	Hardware for quarry.....	11.82
5..	967	Des Moines Water Co.....	Water for September.....	8.90
5..	968	J. D. Seeberger.....	Hose and couplings.....	9.90
5..	969	H. F. Getchell and Sons.....	Lumber ..	77.40
5..	970	Kimbark Bros. and Co.....	Machine bolts.....	4.79
5..	971	Bolton Bros.....	Nails, hardware, and steel.....	15.85
6..	972	J. S. Clarkson, P. M.....	Envelopes and stamps.....	13.34
6..	973	A. H. Piquenard.....	Salary as architect.....	225.00
6..	974	John B. Webb.....	Anamosa stone.....	118.83
6..	975	R. S. Finkbine.....	Salary as overseer and expenses to quarry .....	240.90
6..	976	John G. Foote.....	Per diem and expenses superintendent of finance .....	69.00
7..	977	Des Moines Coal Co.....	Cement and fuel.....	879.71
7..	978	John G. Foote.....	Pay roll, Des Moines.....	5,042.49
Nov. 4..	979	Ed Wright.....	Salary as secretary and expenses.....	128.85
4..	980	R. S. Finkbine.....	Iowa City pay roll.....	2,013.35
5..	981	R. S. Finkbine.....	Salary as overseer and expenses to quarry .....	257.95
5..	982	Carroll Co. Sandstone Co.....	Dimension stone on contract.....	1,745.04
5..	983	C., R. I. and P. Railroad.....	Freight bills for October.....	2,448.63
5..	984	St. Genevieve Sandstone Company.....	Dimension stone on contract.....	1,980.92
5..	985	A. H. Swan, attorney.....	Rental on railroad right-of-way.....	240.00
5..	986	Gilbert Hubbard and Co.....	Coil Manila rope.....	71.96
5..	987	Shepard and Hess.....	Rope and powder for quarry.....	29.66
6..	988	J. N. Close.....	Brick on contract .....	85.65
6..	989	Des Moines Coal Co.....	Cement and coal ..	1,095.95
17..	990	J. C. Taylor.....	Brick on contract of J. N. Close.....	1,342.78
18..	991	A. H. Piquenard.....	Salary as architect .....	300.00
18..	992	C. A. Ryden.....	Carrying express and mail one year.....	18.25
18..	993	Waldron Bros.....	Cast plates and separator.....	10.83
18..	994	Koser and Clark.....	Lumber for quarry.....	2.00
18..	995	J. D. Seeberger .....	Cable chain and wire.....	25.84
18..	996	Bolton Bros.....	Hardware account for October.....	24.25
18..	997	Redhead & Wellslager.....	Roll tracing cloth .....	11.00
18..	998	Des Moines Water Co.....	Water for October.....	13.37
18..	999	Watson Coal and Mining Co.....	Coal.....	60.36
18..	1000	H. F. Getchell and Sons.....	Lumber and timber.....	69.93
19..	1001	John G. Foote.....	Per diem and expenses Finance Com.....	71.35
19..	1002	S. A. Robertson.....	Cement and lime.....	109.89
19..	1003	Drs. Rawson and Ward.....	Medical attendance, 1871.....	23.00
19..	1004	Brooks, Wilson & Stein.....	Work on wheels and axles.....	22.23
19..	1005	Frank Moran.....	From injuries received in May 1874.....	150.00
20..	1006	Board of Commissioners.....	Per diem and expenses.....	157.25
20..	1007	John G. Foote.....	Pay roll, Des Moines .....	9,630.47
Dec. 2..	1008	Ed Wright.....	Salary as secretary, for November.....	125.00
3..	1009	Ed Wright.....	Pay roll, Iowa City quarry.....	1,558.92
5..	1010	R. S. Finkbine.....	Salary as overseer, for November.....	250.00
5..	1011	St. Genevieve S. S. & G. Co.....	Stone on contract.....	1,207.53
5..	1012	C., R. I. & P. Railroad.....	Freights on stone.....	707.00
7..	1013	Carroll Co. Sandstone Co.....	Stone on contract.....	542.53
9..	1014	W. Marshall.....	Blossburg coal at quarry.....	18.00
15..	1015	John G. Foote.....	Per diem and expenses, supt. of finance .....	61.15
18..	1016	Loughran & Hillis.....	Repairing valve and tuyere iron.....	4.10
1875.				
Jan. 7..	1017	R. S. Finkbine.....	Salary as overseer in part for Dec.....	18.90
1874.				
Dec. 22..	1018	H. F. Getchell & Sons.....	Lumber and timber for stone sheds.....	434.51
30..	1019	J. C. Taylor.....	Brick on contract of J. N. Close.....	464.10
30..	1020	Bolton Bros.....	Tools, zinc, stoves and hardware.....	140.91
30..	1021	McDonnell & Meara .....	Shop work on iron beams.....	41.33
30..	1022	Blasher & Bringhoff.....	Ice for the season.....	9.00



## EXHIBIT "B."—CONTINUED.

Date of Voucher.	Number of Voucher.	IN WHOSE FAVOR.	ON WHAT ACCOUNT.	Amount.
1875.	30..1023	Watson Coal & Min'g Co	Coal and slack.....	56.64
Jan.	2..1024	Ed Wright.....	Salary as secretary and expenses in Dec	130.15
	5..1025	Scott & Bartlett.....	Sand on contract.....	258.75
	5..1026	F. D. Booth.....	Paint brush.....	3.00
	5..1027	L. Fisher.....	Tallow.....	4.20
	5..1028	Skinner & Brother.....	Grindstone.....	2.00
	5..1029	Carter, Hussey & Curl ...	Inkstands, blanks, etc.....	12.80
	5..1030	Hiram Robinson.....	Repairing meter and one union.....	3.40
	5..1031	Des Moines Coal Co.....	Blossburg coal.....	30.15
	5..1032	C. H. Ward.....	Paints and oils.....	63.03
	6..1033	Iowa City Quarry Co.....	Royalty on stone.....	50.81
	6..1034	John G. Foote.....	Pay roll, Iowa City quarry.....	123.55
	6..1035	A. H. Piquenard.....	Salary as architect, Nov. and Dec .....	600.00
	6..1036	D. C. Overman.....	Granite sill.....	13.95
	6..1037	L. Robinson & Sons.....	Granite sills and steps.....	139.71
	6..1038	John G. Foote.....	Pay roll, Des Moines.....	6,544.50
	6..1039	C., R. I. & P. Railroad....	Freight bills on stone.....	701.00
	6..1040	Carroll Co. Sandstone Co	Stone on contract.....	587.51
	7..1041	R. S. Flinkbine.....	Salary as overseer, balance.....	217.10
	7..1042	John G. Foote.....	Per diem and expenses, supt. of finance	30.25
	7..1043	St. Genevieve S.S. & G. Co	Stone on contract.....	315.19
	7..1044	J. N. Close.....	Brick on contract.....	396.00
	7..1045	S. A. Robertson.....	Brick on contract.....	102.68
				\$161,918.80
Vouchers, Nos. 811, 812, 953, 1016, 1017, were paid with cash received as shown in exhibit C.....				394.34
Total expenditures for 1874, classified as shown in exhibit D.....				\$164,524.26

## [EXHIBIT "C."]

## GENERAL STATEMENT

Of Cash Received in 1874, and to what Class Credited.

CASH RECEIVED.	ON WHAT ACCOUNT.	Amount.
For damages in full of sureties of D. Armstrong for non-fulfilment of granite contract.....	Credited to stone.....	\$336.34
For 2d hand steel wire and sand screen....	Credited to tools and machinery.....	33.00
Wheel barrow and spawls.....	Credited to Iowa City quarry.....	16.50
For blacksmith work.....	Credited to lime stone cutting.....	1.00
For spawls.....	Credited to Carroll county sand stone	5.00
For spawls.....	Credited to St. Genevieve.....	2.50
Disbursed as shown in the footings of Exhibit "B.".....		\$394.34



## [EXAIBIT "D."]

## CLASSIFIED STATEMENT

*Of expenditures in detail from January 1st, to Dec. 31st, 1874.*

ON WHAT ACCOUNT.	Amount.
Plans .....	\$ 49.74
Lime stone .....	2,919.08
Sand .....	696.69
Expenses .....	105.99
Salaries .....	9,895.35
Brick-masonry .....	17.70
Concrete .....	646.30
Printing and advertising .....	154.25
General Labor .....	46.93
Patterns .....	303.51
Water .....	85.18
Iowa City quarry .....	40,125.72
Brick work, basement .....	13,677.46
Stone setting .....	4,526.98
Stone cutting .....	30,851.10
Railroad .....	939.63
Lumber and timber .....	1,021.86
Wrought iron work .....	12,810.36
Carpenter work .....	1,419.01
Cement .....	6,264.09
Board of commissioners .....	2,290.76
Fuel .....	511.56
Machinery and tools .....	1,004.56
Nails and hardware .....	76.33
Water pipe and meter .....	3.40
Brick .....	14,232.80
Iron and steel .....	38.03
Cast iron work .....	754.27
Lime .....	156.55
Carroll county sandstone .....	5,985.37
St. Genevieve sandstone .....	4,703.99
Sand-stone cutting .....	7,880.40
Rubbing sandstone .....	71.25
Accidents .....	173.00
Extra handling stone .....	85.06
Total expenditures for 1874 .....	\$164,524.26



## [EXHIBIT "E."]

## GENERAL STATEMENT

*Of Expenditures from January 1st, to November 30th, 1875.*

Date of Voucher.	Number of Voucher.	IN WHOSE FAVOR.	ON WHAT ACCOUNT.	Amount.
1875.				
Jan. 30..	1046	Ed Wright.....	Partial pay roll, Des Moines.....	\$ 1,195.84
Feb. 10..	1047	Scott and Bartlett.....	Sand .....	465.98
10..	1048	St. Genevieve S. S. and G. Company.....	Sandstone on contract.....	48.69
10..	1049	C., R. I. and P. Railroad	Freights on stone.....	326.75
10..	1050	J. K. and W. H. Gilcrest	Lumber .....	12.65
10..	1051	H. F. Getchell and Sons	Lumber .....	27.43
10..	1052	Watson Coal and Mining Company.....	Coal and slack.....	55.50
10..	1053	Ed Wright.....	Salary as secretary and expenses.....	135.90
10..	1054	Carroll Co. Sandstone Co	Sandstone on contract.....	543.33
11..	1055	John G. Foote.....	Pay roll at Des Moines .....	2,514.31
11..	1056	A. H. Piquenard.....	Salary as architect.....	300.00
11..	1057	John G. Foote.....	Per diem and expenses superintendent of finance.....	58.10
11..	1058	R. S. Finkbine.....	Salary as overseer and traveling expenses .....	326.85
12..	1059	Board of Commissioners	Per diem and expenses.....	79.90
12..	1060	Treasurer of Polk Co.....	Taxes on Gaunt lots, Railroad right-of-way contract.....	135.24
17..	1061	Ed Wright.....	Pay roll, Iowa City .....	3,192.51
Mar. 9..	1062	D. S. Miller .....	Lumber for quarry.....	7.34
9..	1063	Shepard and Hess.....	Iron and powder .....	36.44
9..	1064	Smith and Gilmore.....	Repairs on wagon.....	8.25
10..	1065	William Marshall.....	Blossburg coal.....	12.30
10..	1066	R. S. Finkbine.....	Salary as overseer .....	230.00
10..	1067	Ed Wright.....	Salary as secretary and expenses.....	126.55
10..	1068	A. H. Piquenard.....	Salary as architect .....	300.00
10..	1069	H. F. Getchell and Sons	Lumber and timber.....	57.50
10..	1070	Hiram Robinson.....	Globe valve and pipe for engine .....	4.70
10..	1071	C., R. I. and P. Railroad	Freights on stone and machinery.....	150.00
10..	1072	Watson Coal and Mining Company.....	Fuel .....	21.72
10..	1073	John G. Foote.....	Per diem and expenses superintendent of finance.....	49.50
10..	1074	John G. Foote.....	Pay roll, Des Moines.....	985.03
11..	1075	Scott and Bartlett.....	Sand .....	203.53
11..	1076	James N. Close.....	Brick on contract.....	550.50
23..	1077	Ed Wright.....	Salary as secretary and stone jacks.....	333.95
23..	1078	W. S. Dart.....	Right-of-way rental as per contract ..	50.00
Apr. 14..	1079	R. S. Finkbine.....	Salary as overseer.....	250.00
20..	1080	Watson Coal and Mining Company.....	Fuel .....	25.50
20..	1081	A. H. Piquenard.....	Salary as architect.....	300.00
20..	1082	Hiram Robinson.....	Oil cups and hose, .....	21.05
20..	1083	Bolton Bros .....	Iron and hardware from Dec. to date...	83.03
20..	1084	E. Walker.....	Lemont stone.....	196.19
20..	1085	H. F. Getchell and Sons	Lumber and timber.....	469.89
21..	1086	Carroll County S. S. Co.	Dimension stone on contract.....	941.91
21..	1087	C., R. I. and P. Railroad	Freight bills.....	735.25
21..	1088	John G. Foote.....	Per diem and expenses, supt. of finance	37.50
21..	1089	John G. Foote.....	Pay roll—Des Moines.....	2,584.45
24..	1090	Board of Commissionr's	Per diem and expenses.....	288.49
24..	1091	C. C. Winchell & Co.....	Partial payment on engine contract...	1,500.00



## EXHIBIT "E."—CONTINUED.

Date of Voucher.	Number of Voucher.	IN WHOSE FAVOR.	ON WHAT ACCOUNT.	Amount.
1875.				
May 5.	1092	Ed Wright.....	Pay roll of workmen.....	3,728.51
6.	1093	James Wagoner.....	Repairing wagon.....	52.65
6.	1094	Des Moines Water Co...	Water from November 14, 1874.....	11.56
6.	1095	A. H. Piquenard.....	Salary as architect.....	300.00
6.	1096	R. S. Finkbine.....	Salary as overseer.....	225.00
6.	1097	Ed Wright.....	Salary as secretary and expenses.....	125.25
6.	1098	H. F. Getchell & Sons...	Lumber and timber.....	71.62
6.	1099	Brooks, Wilson & Stein	Iron work for derricks.....	423.00
6.	1100	Bolton Bros.....	Iron, steel and hardware.....	176.41
6.	1101	Hiram Robinson.....	Hose coupling and water pipe fixtures	17.50
6.	1102	Carroll Co Sandstone Co	Dimension stone on contract.....	1,865.08
6.	1103	Des Moines Coal Co.....	Fuel and Cement.....	203.00
8.	1104	James N. Close.....	Brick on contract.....	45.58
10.	1105	C., R. I. & P. Railroad...	Freight on stone.....	2,409.75
10.	1106	St Geneveive S. S. Co...	Dimension stone on contract.....	3,134.28
17.	1107	C. J. Hammer.....	Freight and drayage on oil & machin'y	22.05
17.	1108	J. C. Canon & Co.....	Three bbls machine oil.....	82.08
18.	1109	John G. Foote.....	Per diem and expenses, supt. of finance	26.50
20.	1110	Board of Commission'rs	Per diem and expenses.....	129.50
21.	1111	Gilbert, Hubbard & Co...	Iron and steel wire rope.....	516.31
27.	1112	C. C. Winchell & Co.....	Part payment on engine.....	1,242.65
June 1.	1113	C., R. I. & P. Railroad...	Freight bills.....	4,427.77
1.	1114	John G. Foote.....	Per diem and expenses, supt. of finance	24.10
1.	1115	Munson & Turner.....	Stone.....	304.14
1.	1116	Des Moines Water Co.....	Water for May.....	18.15
1.	1117	A. Robertson.....	Bolts, sockets, etc.....	97.35
1.	1118	S. A. Robertson.....	Lime.....	24.07
1.	1119	H. Robinson.....	Hose, nipples and valves.....	12.30
1.	1120	Gilbert, Hubbard & Co...	Cotton waste.....	9.00
1.	1121	Ed Wright.....	Salary as secretary and expenses.....	127.00
1.	1122	A. H. Piquenard.....	Salary as architect.....	300.00
1.	1123	R. S. Finkbine.....	Salary as overseer.....	237.00
2.	1124	Carroll Co. S. S. Co.....	Stone on contract.....	2,645.07
2.	1125	C., R. I. & P. Railroad...	Freight on stone.....	50.00
3.	1127	Des Moines Coal Co.....	Cement and fuel.....	498.70
3.	1127	Bolton Bros.....	Iron and hardware.....	114.03
3.	1128	C. H. Ward.....	Paints and oil.....	45.20
3.	1129	John G. Foote.....	Pay roll.....	8,716.62
June 4.	1130	St. Geneveive S. S. & G. Company.....	Stone on contract.....	4,465.45
4.	1131	H. F. Getchell and Sons	Lumber and timber.....	197.90
14.	1132	St. Geneveive S. S. & G. Company.....	Dimension stone on contract.....	1,544.12
25.	1133	A. H. Piquenard.....	Salary as architect.....	300.00
26.	1134	J. C. Taylor.....	Brick on contract.....	277.10
29.	1135	Carroll county sand- stone Company.....	Dimension stone on contract.....	1,793.18
29.	1136	St. Geneveive S. S. & G. Company.....	Dimension stone on contract.....	1,778.98
29.	1137	John G. Foote.....	Per diem and exp. supt. of finance.....	46.05
29.	1138	R. S. Finkbine.....	Salary as overseer.....	250.00
29.	1139	Ed Wright.....	Salary as secretary and expenses.....	126.50
29.	1140	E. Walker.....	Lemont stone for corridor.....	698.50
29.	1141	J. D. Seaberger.....	Iron and rope.....	38.80
29.	1142	Gilbert, Hubbard & Co...	Iron and steel rope.....	254.32
29.	1143	W. C. Street.....	Drain pipe.....	6.00
29.	1144	C. J. Hammer.....	Drayage and teaming.....	6.25
29.	1145	Hiram Robinson.....	Pipe, nipples, elbows and fitting.....	3.40
29.	1146	Bolton Bro's.....	Iron, hardware, nails and tools.....	92.56
29.	1147	H. F. Getchell and Sons	Lumber and timber.....	393.31
29.	1148	C., R. I. and P. R. R.....	Freight bills.....	3,562.35
29.	1149	John G. Foote.....	Pay roll.....	12,423.95
29.	1150	Redhead & Wellslager...	Drawing and tracing paper.....	21.51
29.	1151	Alex Robertson.....	Bolts, sockets, lewises, and clevises.....	72.44
29.	1152	J. K. & W. H. Gilcrest...	Ash lumber.....	11.90
July 2.	1153	C., R. I. and P. R. R.....	Freight bills.....	696.75



## EXHIBIT "C."—CONTINUED.

Date of Voucher.	Number of Voucher.	IN WHOSE FAVOR.	ON WHAT ACCOUNT.	Amount.
1875.				
July	2..	1154 Des Moines Water Co....	Water for June .....	\$ 20.35
	2..	1155 Brooks, Wilson & Stein.	Derrick-irons and tools.....	314.10
	2..	1156 S. A. Robertson .....	Lime.....	30.60
	7..	1157 J. S. Clarkson, P. M. ....	Stamps, envelopes and postage.....	44.87
	7..	1158 C. C. Winchell and Co....	Final payment on engine .....	462.80
	29..	1159 A. H. Piquenard.....	Salary as architect, July .....	300.00
	29..	1160 R. S. Finkbine.....	Salary as overseer .....	250.00
	31..	1161 Gilbert, Hubbard & Co....	Blocks, sheaves and rope.....	107.35
	31..	1162 S. D. Kimbark.....	Railroad spikes.....	10.75
	31..	1163 National File Company.	Files .....	6.26
	31..	1164 Carter, Hussey & Carl....	Blanks, and blank books .....	4.70
	31..	1165 Ed Wright.....	Salary as secretary and expenses.....	128.00
	31..	1166 E. Walker.....	Lemont stone for corridors.....	882.78
	31..	1167 National File Company.	Files .....	7.75
Aug.	3..	1168 Des Moines Coal Co. ....	Cement and coal .....	1,786.30
	3..	1169 C., R. I. and P. R. R.....	Freight bills for July .....	2,129.10
	3..	1170 S. A. Robertson .....	Lime.....	48.49
	3..	1171 Hiram Robinson .....	Hose, pipe and couplings....	7.07
	3..	1172 Alex. Robertson .....	Lewis and hooks.....	81.00
	3..	1173 C. H. Ward .....	Paints and oil .....	21.80
	3..	1174 Brooks, Wilson & Stein.	Machine and shop work.....	158.80
	3..	1175 J. K. & W. H. Gilcrest...	Lumber and dressing.....	26.55
	4..	1176 Des Moines Water Co....	Water in July .....	23.87
	4..	1177 H. F. Getchell and Sons	Lumber and timber.....	287.41
	4..	1178 John G. Foote.....	Per diem and expenses sup't finance ...	64.90
	4..	1179 Bolton Bros.....	Tools, iron, nails and hardware.....	88.16
	4..	1180 St. Geneveive S.S. & G. Co	Stone on contract .....	1,364.09
	4..	1181 J. D. Seeberger .....	Chain and rope .....	51.32
	5..	1182 Carroll Co. S. S. Co.....	Stone on contract.....	1,209.28
	6..	1183 John G. Foote.....	Pay roll for July .....	17,252.54
	7..	1184 J. C. Taylor .....	Brick on J. N. Close contract.....	1,253.09
	7..	1185 S. A. Robertson .....	Brick on J. N. Close contract .....	280.89
	20..	1186 C., R. I. & P. R. R.....	Freight bills.....	1,991.50
	20..	1187 A. H. Piquenard.....	Models for caps furnished .....	103.35
	20..	1188 Board of Commissioners	Per diem and expenses.....	217.40
	31..	1189 J. C. Taylor .....	Plank for roadway.....	131.80
	31..	1190 Ed Wright.....	Salary as secretary.....	200.00
	31..	1191 R. S. Finkbine.....	Salary as overseer.....	230.00
	31..	1192 A. H. Piquenard.....	Salary as architect .....	300.00
	31..	1193 John G. Foote.....	Per diem and expenses as sup't finance	77.50
	31..	1194 Des Moines Water Co....	Water for August .....	32.37
	31..	1195 H. F. Getchell & Sons....	Lumber and timber.....	145.63
	31..	1196 J. D. Seeberger .....	Rubber packing.....	12.00
	31..	1197 Bolton Bros.....	Nails, iron and hardware .....	43.05
	31..	1198 Watson Coal Company....	Coal in August .....	67.98
Sept.	1..	1199 S. A. Robertson .....	Brick and Lime .....	353.18
	2..	1200 Hiram Robinson .....	Water pipe, hose and valves.....	52.66
	2..	1201 St. Geneveive S.S. & G. Co	Stone on contract.....	3,095.70
	2..	1202 Des Moines Coal Co.....	Cement in August .....	1,447.85
	4..	1203 Carroll Co. S. S. Co.....	Stone on contract .....	2,912.79
	4..	1204 C., R. I. and P. R. R. ....	Freight bills.....	2,108.00
	4..	1205 Brooks, Wilson & Stein.	Castings and shop work.....	9.55
	4..	1206 J. C. Taylor .....	Brick on J. N. Close contract.....	2,350.43
	4..	1207 John G. Foote .....	Pay roll.....	13,632.76
	16..	1208 St. Geneveive S. S. Co....	Stone on contract.....	935.64
	16..	1209 S. A. Robertson .....	Brick on contract .....	274.00
	22..	1210 Ed Wright .....	Partial pay roll in September.....	1,807.42
	28..	1211 John G. Foote.....	Pay roll in September.....	9,581.57
	28..	1212 Brooks, Wilson & Stein	Shop work and castings.....	97.98
	28..	1213 National File Co .....	Files .....	23.39
	28..	1214 John G. Foote.....	Per diem and expenses sup't finance...	57.60
	28..	1215 Francis Geneser.....	Brick estimate 112.....	270.00
	28..	1216 S. A. Robertson .....	Brick estimate 113 and lime .....	519.10
	28..	1217 Ed Wright.....	Salary as secretary and expenditures..	155.50
	28..	1218 A. H. Piquenard. ....	Salary as architect .....	300.00
	28..	1219 H. F. Getchell and Sons	Lumber and timber.....	81.35



## EXHIBIT "E."—CONTINUED.

Date of Voucher.	Number of Voucher.	IN WHOSE FAVOR	ON WHAT ACCOUNT.	Amount.
1875.				
Sep. 28..	1220	S. D. Kimbark.....	Railroad iron and spikes.....	\$ 66.80
28..	1221	C. J. Hammer.....	Freight paid, and drayage.....	4.30
28..	1222	R. S. Finkbine.....	Salary as overseer in September.....	250.00
28..	1223	Bolton Bros.....	Iron, nails and hardware.....	66.42
30..	1224	Watson Coal and Mining Company.....	Coal for engines.....	68.64
Oct. 2..	1225	Des Moines Water Co.....	Water furnished in September.....	31.21
2..	1226	Des Moines Coal Co.....	Cement and Blossburg coal.....	1,758.20
4..	1227	C., R. I. and P. Railroad	Freight bills.....	2,186.28
5..	1228	Carroll Co. S. S. Co.....	Stone on contract.....	513.33
6..	1229	James N. Close.....	Brick on contract.....	191.02
9..	1230	J. C. Taylor.....	Brick on contract.....	1,617.77
21..	1231	John P. Irish.....	Advertising brick wanted.....	8.00
21..	1232	J. M. Hedrick and Co....	Advertising brick wanted.....	5.00
22..	1233	Board of Commissioners	Per diem and expenses.....	168.01
25..	1234	St. Genevieve S. S. and G. Company.....	Stone, est. No. 117.....	7,422.25
25..	1235	J. C. Taylor.....	Brick, est. No. 118.....	889.86
Nov. 4..	1236	Ed Wright.....	Salary as secretary and expenses.....	155.00
4..	1237	Iowa State Register.....	Advertising brick wanted.....	13.00
4..	1238	A. H. Piquenard.....	Salary as architect.....	300.00
4..	1239	R. S. Finkbine.....	Salary as overseer.....	230.00
4..	1240	J. K. and W. H. Gilcrest	Oak lumber.....	18.60
4..	1241	Watson Coal and Mining Company.....	Coal furnished.....	114.30
4..	1242	C. A. Ryden.....	Carrying mail and express one year....	18.25
4..	1243	Hiram Robinson.....	Valves, steam gauge and nipple.....	14.90
4..	1244	H. F. Getchell and Sons	Lumber and timber.....	233.00
4..	1245	C. H. Ward.....	Oils and brushes.....	30.15
4..	1246	Des Moines Coal Co.....	Cement.....	1,880.00
4..	1247	Des Moines Water Co....	Water furnished for October.....	23.63
4..	1248	John G. Foote.....	Per diem and expenses as superintendent finance.....	49.85
5..	1249	Francis Geneser.....	Brick, estimate No. 119.....	323.86
5..	1250	S. A. Robertson.....	Brick, estimate No. 120, and lime.....	520.47
5..	1251	Bolton Bros.....	Iron, tools, nails, hardware, and zinc...	126.70
5..	1252	C., R. I. and P. Railroad	Freight bills on stone.....	3,242.25
5..	1253	Carroll Co Sandstone Co	Stone, estimate No. 121.....	1,241.38
5..	1254	John G. Foote.....	Pay roll of workmen.....	13,422.60
8..	1255	Brooks, Wilson & Stein	Castings and shop work.....	63.20
9..	1256	J. C. Taylor.....	Brick on contract.....	851.15
18..	1257	St. Genevieve S. S. and G. Company.....	Stone on contract.....	1,590.84
30..	1258	Des Moines Water Co....	Water in November.....	17.32
30..	1259	Blasher and Bringolf.....	Ice for office and shops for season.....	9.00
30..	1260	Carter, Hussey & Curl...	Drafting paper.....	7.25
30..	1261	A. H. Swan, Attorney...	Rental on right-of-way for railroad.....	240.00
30..	1262	John G. Foote.....	Per diem and expenses as superintendent of finance.....	49.45
30..	1263	Ed Wright.....	Salary as secretary for November.....	150.00
30..	1264	R. S. Finkbine.....	Salary as overseer.....	250.00
30..	1265	A. H. Piquenard.....	Salary as architect.....	300.00
Dec. 1..	1266	Hiram Robinson.....	Valves, couplings, pipe, etc.....	11.54
1..	1267	Bolton Bros.....	Iron, hardware and nails.....	15.01
1..	1268	C., R. I. and P. Railroad	Freight bills for November.....	3,772.75
2..	1269	Carroll Co. Sandstone Co	Stone on contract.....	1,355.64
2..	1270	St. Genevieve S. S. and G. Company.....	Stone on contract.....	56.93
2..	1271	Francis Geneser.....	Brick, final estimate.....	406.14
2..	1272	J. C. Taylor.....	Brick on contract of J. N. Close.....	2,215.20
2..	1273	James N. Close.....	Brick on contract.....	279.89
2..	1274	H. F. Getchell and Sons	Lumber and timber.....	101.00
2..	1275	John G. Foote.....	Pay roll.....	7,536.55
3..	1276	Des Moines Coal Co.....	Cement and coal.....	359.70

Total expenditures for 1875; Classified as shown in Exhibit "G." \$210,649.86



[EXHIBIT "F."]  
GENERAL STATEMENT

*Of Cash received in 1875, and to what Class credited.*

CASH RECEIVED AS FOLLOWS.

ARTICLES SOLD.	TO WHOM CREDITED.	Amount
For spawls sold.....	Credited to Carroll county Sandstone.....	\$ 43.50
For spawls sold.....	Credited to Ste. Geneveive Sandstone....	39.20
For two derricks and spawls sold.....	Credited to Iowa City quarry.....	161.26
For pitch sold.....	Credited to brick masonry.....	63.13
For old castings sold.....	Credited to tools and machinery.....	2.50
For old ties.....	Credited to railroad .....	5.40
For sand.....	Credited to sand. ....	6.85
For tree tops.....	Credited to expenses.....	4.00
For old lumber.....	Credited to lumber and timber.....	2.50
For brick bats.....	Credited to brick.....	11.00
	On hand .....	\$339.34

[EXHIBIT "G."]  
CLASSIFIED STATEMENT

*Of Expenditures in detail from January 1st to November 30th, 1875.*

ON WHAT ACCOUNT.	Amount
Plans.....	\$ 30.86
Excavation and drainage.....	6.00
Stone.....	4,456.06
Sand.....	662.66
Expenses.....	99.12
Salaries.....	9,671.20
Brick-masonry.....	—\$63 13 .....
Concrete.....	297.38
Printing and advertising.....	29.50
General labor .....	709.69
Patterns.....	321.15
Water.....	178.46
Quarry.....	2,664.81
Brick-masonry, basement.....	1,099.40
Limestone cutting.....	759.04
Cash.....	339.34
Limestone cutting.....	6,457.66
Railroad.....	1,520.50
Lumber and timber.....	2,054.13
Wrought iron-work .....	11.72
Carpenter work.....	1,589.29
Cement.....	7,491.60
Board of commissioners.....	883.30
Fuel.....	792.79
Machinery and tools.....	8,450.14
Nails and hardware.....	109.26
Water-pipe, meter.....	86.58
Brick.....	13,568.81
Iron and steel.....	51.42
Cast iron work.....	.50
Lime.....	178.31
Carroll county sandstone.....	23,770.48
Ste. Geneveive standstone.....	41,511.20
Sandstone cutting.....	47,285.62
Rubbing sandstone.....	5,953.83
Accidents.....	.50
Extra handling stone.....	712.50
Brick-masonry, 1st story.....	18,445.60
Sandstone setting.....	8,462.58
	\$210,712.99
Brick-masonry material sold.....	63.13
Total expenditures for 1875.....	\$210,649.86



## [EXHIBIT "H."]

## CLASSIFIED STATEMENT

*Of the aggregate expenditures from the commencement of the work to November 30th, 1875.*

ON WHAT ACCOUNT.	Amount.
Plans .....	4,023.71
Excavation and drainage.....	15,610.99
Stone .....	96,801.86
Cistern.....	1,512.12
Sand .....	4,083.04
Expenses and miscellaneous .....	1,642.35
Salaries.....	41,069.97
Repairs, foundation.....	52,353.76
Stone masonry .....	14,711.21
Brick masonry .....	7,789.80
Concrete .....	5,333.36
Printing and advertising.....	2,048.15
General labor .....	807.21
Patterns .....	699.52
Water .....	738.67
Rubble masonry.....	4,765.97
Iowa City quarry.....	66,871.30
Brick masonry, basement.....	17,100.37
Stone setting.....	6,149.37
Cash.....	339.34
Stone-cutting .....	88,576.64
Railroad.....	12,637.90
Lumber and timber .....	6,015.15
Wrought iron-work.....	13,310.16
Carpenter-work .....	5,947.16
Cement .....	27,873.31
Board of Commissioners.....	12,317.37
Fuel .....	2,261.63
Machinery and tools.....	18,807.33
Nails and hardware.....	643.91
Water-pipe and meter.....	737.44
Brick .....	50,446.61
Iron and steel.....	342.31
Cast iron-work.....	754.77
Lime .....	334.86
Carroll county stone.....	29,755.85
St. Geneveive stone.....	46,215.19
Sandstone cutting.....	55,166.02
Rubbing stone.....	6,025.08
Accidents .....	173.50
Extra handling stone.....	797.56
Brick-masonry, 1st story .....	18,445.60
Stone-setting, 1st story .....	8,462.58
Total expenditures to November 30th, 1875 .....	\$750,000.00



## [EXHIBIT "I."]

## CONSOLIDATED CLASSIFIED STATEMENT

*Of expenditures and appropriations to November 30th, 1875.*

CLASSIFICATION OF ACCOUNTS..	Classified statement of the aggregate expenditures in detail from the commencement of the work to Dec. 31st, 1873.	Classified statement of expenditures in detail from January 1st to December 31st, 1874.	Classified statement of expenditures in detail from January 1st to November 30th, 1875.	Classified statement of the aggregate expenditures in detail from the commencement of the work to Nov. 30th, 1875.
Plans .....	\$ 3,943.11	\$ 49.74	\$ 30.86	\$ 4,023.71
Excavation and drainage .....	15,604.99	.....	6.00	15,610.99
Stone .....	89,426.72	2,919.08	4,456.06	96,801.86
Cistern .....	1,512.12	.....	.....	1,512.12
Sand .....	2,723.69	696.69	662.66	4,083.04
Expenses .....	1,375.11	.....	.....	.....
Miscellaneous expenses .....	62.13	105.99	99.12	1,642.35
Salaries .....	21,503.42	9,895.35	9,671.20	41,069.97
Repairs, foundation .....	52,353.76	.....	.....	52,353.76
Stone-masonry .....	14,711.21	.....	.....	14,711.21
Brick-masonry .....	7,835.23	17.70	—(63.13)	7,789.80
Concrete .....	4,389.68	646.30	297.38	5,333.36
Printing and advertising .....	1,864.40	154.25	29.50	2,048.15
General labor .....	50.59	46.93	709.69	807.21
Patterns .....	74.86	303.51	321.15	699.52
Water .....	475.03	85.18	178.46	738.67
Rubble-masonry .....	4,765.97	.....	.....	4,765.97
Iowa City quarry .....	24,080.77	40,125.72	2,664.81	66,871.30
Brick-masonry, basement .....	2,323.51	13,677.46	1,099.40	17,100.37
Stone-setting .....	863.35	4,528.98	759.04	6,149.37
Cash .....	.....	.....	339.34	339.34
Stone-cutting .....	51,267.88	30,851.10	6,457.66	88,576.64
Railroad .....	10,177.77	939.63	1,520.50	12,637.90
Lumber and timber .....	2,939.16	1,021.86	2,054.13	6,015.15
Wrought iron-work .....	488.08	12,810.36	11.72	13,310.16
Carpenter-work .....	2,938.86	1,419.01	1,589.29	5,947.16
Cement .....	13,617.62	6,264.09	7,491.60	27,373.31
Board of Commissioners .....	9,143.31	2,290.76	883.80	12,317.37
Fuel .....	957.28	511.58	792.79	2,261.63
Machinery and tools .....	9,352.63	1,004.56	8,450.14	18,807.33
Nails and hardware .....	458.32	76.33	109.26	643.91
Water pipe and meter .....	647.46	3.40	86.58	737.44
Brick .....	22,645.00	14,232.80	13,568.81	50,446.61
Iron and steel .....	252.86	38.03	51.42	342.31
Cast iron-work .....	.....	754.27	50	754.77
Lime .....	.....	156.55	178.31	334.86
Carroll county stone .....	.....	5,985.37	23,770.48	29,755.85
Ste. Genevieve stone .....	.....	4,703.99	41,511.20	46,215.19
Sandstone cutting .....	.....	7,880.40	47,285.62	55,166.02
Rubbing stone .....	.....	71.25	5,953.83	6,025.08
Accidents .....	.....	173.00	50	173.50
Extra handling stone .....	.....	85.06	712.50	797.56
Brick-masonry, 1st story .....	.....	.....	18,445.60	18,445.60
Stone-setting, 1st story .....	.....	.....	8,462.58	8,462.58
Total .....	\$ 374,825.88	\$ 164,524.26	\$ 210,712.99	\$ 750,000.00
Less brick-masonry materials sold .....	.....	.....	63.13	.....
.....	.....	.....	\$ 210,649.86	.....

## APPROPRIATIONS.

Made by chapter 110, Laws of the Thirteenth General Assembly .....	\$150,000.00
Made by chapter 35, General Laws of the Thirteenth Gen'l. Assem'ly for 1872 .....	100,000.00
Made by chapter 35, General Laws of the Fourteenth Gen'l. Assem'ly for 1873 .....	125,000.00
Made by chapter 35, General Laws of the Fourteenth Gen'l. Assem'ly for 1874 .....	125,000.00
Made by chapter 48, Local Laws of the Fifteenth General Assembly for 1874 .....	75,000.00
Made by chapter 35, General Laws of the Fifteenth Gen'l. Assembly for 1875 .....	125,000.00
Made by chapter 48, Local Laws of the Fifteenth General Assembly for 1875 .....	50,000.00

Total appropriations to December 31st, 1875 .....	750,000.00
Aggregate expenditure classified as shown above to November 30th, 1875 .....	\$750,000.00



## NUMBER SIX.

## REPORT OF THE ARCHITECT.

*To the Honorable Board of New Capitol Commissioners, Des Moines, Iowa :*

GENTLEMEN :—Please find herewith the report of your architect on the progress of the work on the new capitol for the last two years, and on the quality of labor and materials used, with such suggestions for the further prosecution of the said work as he believes to be advisable.

You will find in the report of the overseer of construction, Mr. R. S. Finkbine, a detail of the quantity and value of all the work performed and material bought, which I will not repeat. You will find, by a comparison of the cost of such work, done as we do it in the capitol, with the cost of the same quality of work done in other public buildings, either contracted or done by day labor, under the general government system, sufficient ground to be satisfied that we have taken the best system as regards cost as well as the quality of the work.

We have laid all our brickwork in cement mortar at a greater cost than lime mortar, but the plainest examination shows the superiority of such work. This mortar is in itself stronger than the bricks, and with care taken to have all joints, either vertical or horizontal, well and carefully filled with said mortar, the whole work is nearly as if made of one block. There was a necessity for the use of cement mortar instead of lime on account of its quick setting qualities which prevents any settlement in the brick backing to the interior walls, as by the construction of heavy stone masonry with bond courses at proper places, we could not allow the use of such a material as lime mortar, requiring months before setting, as it would endanger the safety of the bond stone, which would have to carry the upper weight without proper support underneath; the settling of the brick masonry lowering the rear support, when the face stone remain the same.

We have saved quite a large amount of iron in the floor already put in place, as the basement being principally used for store room, no objection could be made to iron columns, supporting the principal girders, and thus diminishing their weight. We could not, with the proper distribution of the rooms of the next story, do the same without destroying their convenience and general appearance so that the iron



floors of the upper stories will cost more than the floor already laid, but less, however, than the first estimate for the same.

The brickwork of the dome piers is subdivided at convenient heights by bond stone, spreading the weight over the whole pier, where the construction makes it uneven.

We have as much as possible done the work so as to distribute the weights equally on the foundations, and to prevent the unequal settlement of the different parts, so unhappily frequent in large buildings.

Since my last biennial report, the basement story has been completed at a cost of :

For stone, cutting and setting.....	\$144,215.60
For brick and laying.....	50,703.27
For iron floor.....	15,015.38
For concreting.....	869.03
Total.....	\$210,803.38

The main story is completed except a part of the north side for which all stone, but about 3,000 feet is on the ground and mostly cut; we have also more than 3,000 feet of stone for the next story on the ground.

The stone work in the west and east corridors is made of the Magnesian lime stone, of Lemont, Illinois, as it will have in many places heavy weights to carry when the dome will be constructed, and that stone is of a crushing strength nearly double to that of the Ste. Genevieve sandstone. This stone costs us some what more, for stone and cutting, than the sandstone of the exterior, but is worth the whole cost by its special qualities of resistance to compression.

When your board found the impossibility of obtaining from the quarries of Messrs. Munson & Turner, stone in sufficient quantity, of the dimensions and quality required for the building, you decided to advertise anew for stone for the superstructure, and after visiting with your architect the different quarries represented in the proposals offered, your board have contracted all the stone required for the outside facing of the building with two different parties, one furnishing the light buff colored Ste. Genevieve sandstone, for the plain work of the building, at the price of one dollar and thirteen cents a cubic foot, and the other furnishing the light blue Carroll county sandstone, for the trimmings and moulded part at the price of ninety-five cents per cubic foot. Both of these prices are low considering the heavy freight necessary to bring stone from such a distance, and considerably cheaper than the lowest bid of acceptable stone given the preceding year, if we except Munson & Turner's proposal.

The Ste. Genevieve sandstone is a close, fine grained stone, the cement binding the sand being nearly pure silica; it is very strong for a sandstone, a little hard to cut, in fact I consider it the strongest and most durable sandstone I have ever seen used, and it is of a very uniform and pleasing color.

The Carroll county, Missouri, sandstone is also a very fine grained stone, the cement binding the sand being a carbonate of lime, it is not so strong as the St. Genevieve, but it is much easier to cut and in using it for mouldings, carving and other ornamental work, we have saved a large percentage in the cutting.



The stone of both these quarries have been proven by long actual experience to stand very well all the influences of the weather, the Carroll county stone being second only to the Ste. Genevieve stone.

The effect of the contrast between stone of different color in the building, in the manner we are doing it, is, I believe very pleasing in appearance and increases considerably the general effect of the design. You can judge of the truth of this remark by the work already set; the upper part will certainly appear better yet than the lower story.

It has also been a fortunate resolution to have the stone taken from two different quarries, on account of unforeseen high water, damage to railroads, etc., so that some times one or the other of these quarries have been, without any fault or neglect of the contractors, unable to furnish the stone at such time as was required for the stone-cutters, and it would often have delayed considerably our work if the stone had been taken from one quarry alone, or had both quarries been near one another so that the same causes of delay would have occurred at the same time.

In speaking of stone, permit me to call your earnest attention to the fact that in the estimate made to conform to the requirement of the law limiting the cost of the building to the sum of one and a half million of dollars, the corinthian caps over the stone columns had to be made of cast iron and the cornice of galvanized iron, all painted in imitation of stone. At the same time that such work may be advisable in ordinary buildings, made to bear a certain interest to their owners, and destined in the near future by the natural increase of value of the ground, to be replaced by other and better buildings, I may be permitted to say that for a building built to last centuries, it is a bad and at the end costly experiment. Besides the sham they represent, which ought not to exist in the construction of a public building, especially the most important and costly built by the great state of Iowa, and destined to represent to future generations the degree of culture, intelligence, wealth, and public spirit of our times, these materials are destined to decay and will require in a certain time to be removed and replaced. As they belong to the constructive part of the building, it will be next to impossible to replace them by stone, so that it will force the same error to be continued by every generation.

The iron, cast or galvanised, will, if not carefully painted and repainted every few years, certainly rust and the rust will run on the stone underneath and discolor it in such a way that it may be impossible to repair it. It will require special care not only to have said painting done in time, but also great care to have it well done, as a small part left exposed would be sufficient to discolor a large surface. Besides in regard to a public building where a special law has to be passed to make an appropriation for such repairs, the time intervening between the meeting of two legislative assemblies may be sufficient to spoil a large amount of cut stone work. Members of your Board may remember that twenty years ago much iron for sills and caps for doors and windows was used in private buildings, and though cheaper than stone, because of these reasons the practice has been totally abandoned in our time.

The cost of such Corinthian caps and cornice, if made of stone, will be \$85,000, including stone, cutting and setting, and I believe no money



can be better applied to make the building substantial in fact as well as in appearance.

I call more especially your attention at this time, on account of the necessity of having the change, if made at all, ordered by the legislature meeting this winter, as it will be too late at the meeting of the following legislative assembly two years hence.

It would be advisable, and even necessary for the good of the building, to have the same placed under roof in the next two years. It seems unnecessary to give many reasons for the same. The best of work needs protection from the weather, and ought not to be left many years exposed to the action of the winter. It is a matter of economy in construction, in the payment of annual salaries, as also in the cheapness of work done in large quantities; and I consider that the legislature will see the necessity of the use of the new capitol instead of the old building, and will from this cause alone find sufficient reason to push the work with all possible dispatch.

Before giving the cost of placing the building under roof, I will also call your attention to the necessity of having all the hard wood lumber for the inside finish on the grounds and drying. I know that none of it will be required for use for two years, and the most of it for three years, but it is next to impossible to find in the market the quantity of dry lumber required, and its value is double that of green lumber, hence it is necessary, both on account of economy and certainty to have it when required, to buy it a long time in advance. We bought most of the hard wood lumber for the state house of Illinois, three years in advance, and we found by actual experience, that no money could have been more judiciously expended by reason of economy and of the good work performed.

The iron work for the roof has to be ordered a long time before wanted, as it is quite complicated and slow in execution, as are many other items which require much labor, hence the necessity of having provision made for the same a long time in advance, so that no unnecessary delay can occur in the completion of the work, which in certain cases may force us to discharge our hands, and replace them afterwards to the great detriment of the work and to an increased cost in its execution.

I propose, with your approbation, to have the roof covered with sheet zinc, such as I used for the Illinois state-house roof. I consider this roofing material as good as copper, (many in Europe consider it equal to bronze), and its cost is only half. It requires no painting, as it practically paints itself by its oxidation, which protects the zinc underneath and which cannot be taken off except by acids. The only difficulty is to prevent the effect of expansion and contraction which is greater than in any other metal, but which has been well overcome in Illinois where it was done under my direction. In a few years, when the workmen of this country shall have learned how to use it, I have no doubt that it will be the roofing material of all good buildings. It has to be used quite heavy, no less than one pound and a quarter per foot for ordinary buildings, and one and a half pounds, or more, is advisable for public buildings.

It is used on the continent of Europe for all kinds of buildings, public or private, with perfect success, and I have used it in different small



buildings in this country and on the state house of Illinois, and it has proved just as good and lasting as in Europe, and more durable in the last named building, than any other roof, as in the construction of the dome there has not been any working day without from four to five men all the time on said roof, and for months before, it was often used as a common passage for all the workmen, and for carrying material, without any perceptible effect. I can say, also, that it is the best looking roof of all, as may be seen in the state house of Illinois, where all the sheets are twelve feet long and two feet wide.

I estimate the value of the work necessary to place the building under roof at \$600,000.00, divided as follows:

Stone for inside and outside.....	\$158,500.00
Cutting of same, except cornice and caps.....	89,500.00
Cutting of cornice and caps.....	45,500.00
Setting of stone.....	31,550.00
Brick work.....	71,500.00
Iron columns and plates—cast.....	4,700.00
Wrought iron of second story and gallery.....	43,300.00
Wrought iron framing of roof and ceiling.....	41,000.00
Roofing and sheeting.....	31,700.00
Hard wood lumber.....	16,000.00
Carpenter's work.....	3,500.00
Rough lumber.....	4,000.00
Patterns for stone carving and iron casting.....	1,500.00
General labor.....	1,500.00
Fuel.....	1,800.00
Salaries, railroad track, stationery, and miscellaneous expense....	26,000.00
Contingencies and materials to be prepared for the following year's work.....	28,150.00
	<hr/>
	\$600,000.00

All of which is respectfully submitted.

A. H. PIQUENARD,  
*Architect Iowa State Capitol.*

DES MOINES, IOWA, December 16, 1875.



**SECOND**  
**AND SUPPLEMENTAL REPORTS**  
**OF THE**  
**CAPITOL COMMISSION**

---

**PROVIDED FOR BY CHAPTER ONE HUNDRED AND SEVENTY-  
NINE OF THE ACTS OF THE TWENTY-  
NINTH GENERAL ASSEMBLY**

**MADE TO THE**  
**GOVERNOR OF THE STATE**

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**PRINTED BY THE SECRETARY OF STATE BY ORDER OF  
THE THIRTY-THIRD GENERAL ASSEMBLY**

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**DES MOINES**  
**EMORY H. ENGLISH, STATE PRINTER**  
**1909**



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## REPORT OF THE COMMISSIONERS.

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DES MOINES, IOWA, March 10, 1906.

*To the Honorable Albert B. Cummins, Governor of the State of Iowa.*

DEAR SIR: The Capitol Commission, existing in accordance with the provisions of Chapter 179, Acts of the Twenty-ninth General Assembly, respectfully submit the following:

The installation of this Commission occurred July 1, 1902, when A. B. Funk, Charles A. Cumming, and E. P. Schoentgen, all members thereof, were present. A. B. Funk was elected president, and E. P. Schoentgen was named as temporary secretary. Some months later, F. D. Harsh was selected as secretary of the Commission, and has since served in this capacity.

The law creating this Commission gave authority to:

Let contracts and to employ persons to repair, improve, adorn and complete the capitol building, in substantial accordance with the recommendations contained in the report of the Capitol Improvement Commission provided for under the provisions of Chapter 177, Laws of the Twenty-eighth General Assembly.

Our first report was issued two years ago, outlining the services performed up to that date, and reported all expenditures made. Herewith will be found a report of Secretary Harsh, bringing down his statement in detail as to the use made of appropriations within our control, also a running statement of the proceedings of the Commission covering this period.

On the 4th day of January, 1904, extensive damage was done to the north wing of the capitol by fire. The Commission and the public will probably never know exactly how the fire originated, but it was probably due to the careless use of a candle in an abandoned air shaft wherein workmen were installing an electric conduit.

The law originally authorizing the building of the capitol, provided for fire proof construction, and it was generally assumed that no such extensive injury could occur to the capitol building by fire. Fire proof construction so-called, thirty years ago, was



by no means what it is today, and it could not have been foreseen that such calamity might occur. Had adequate fire protection been provided, the loss would have been inconsiderable, but from the fact that water had to be carried a distance of about 1,500 feet, the nearest available hydrant, in hose winding about the building to the point of need, by friction, so reduced the pressure as to make the flow entirely inadequate to subdue the flames. The fire burned itself out when no more combustible material was within its reach. When the system of fire protection now in course of installation shall be completed, it is believed that no such calamity can occur in the capitol.

Had the work of restoration been performed in the same manner as the original construction, the loss could not have reached the sum of \$100,000.00, but the Commission having been ordered by the legislature to adopt fire proof methods in reconstruction, the amount expended in repairs to the building and to furniture and fixtures is approximately \$120,000.00, the amount expended to date being \$108,410.22.

An emergency appropriation of \$8,000.00 was made by the General Assembly to cover the cost of temporary repairs necessary to the occupancy of the hall of the House during the session about to open. Of this sum, the amount of \$6,956.35 was expended, the balance having been returned to the State treasury.

After investigation on the part of a joint legislative committee, and upon estimates furnished by the Capitol Commission, the Legislature appropriated the sum of \$126,000.00 for the restoration and repair of the property destroyed or damaged by fire, and for the purpose of providing additional fire protection for the building.

The original appropriation for capitol improvement and repairs was \$250,000.00. This appropriation was based upon recommendations of the Capitol Improvement Commission created by the Twenty-eighth General Assembly, for the purpose of investigating and reporting as to the needs of the capitol building along this line. This report was submitted in December, 1901. Between that date and the period in which contracts for improvements were made, the price of materials and labor had increased to such an extent, as to materially effect the finances of the Commission. Furthermore, the preliminary Commission being without funds, necessarily based its estimates upon hasty and incomplete calculation. Then it was found in proceeding with the work, that changes involving much additional expenditure, were absolutely demanded in the interest of the State. Changing the location of the fire proof warehouse,



made necessary the adoption of a different style of architecture, and more expensive construction. Forced to abandon the recommendation as to a tile roof, the practical course left for the Commission was to make use of copper roofing, requiring an additional expenditure of about \$6,000.00. Numerous other changes of less importance were necessary as the work progressed.

For these reasons, the original appropriation could not be made to perform the service comprehended by the statute. Hence, the Thirtieth General Assembly, upon investigation, made an additional appropriation of \$82,740.00 to cover the necessary excess of expenditure, and also the expense of additional improvements recommended by the Commission.

As soon as practicable after the adjournment of the Legislature, the Commission proceeded to the work of repairing the damage caused by fire. After thorough search on the part of Superintendent J. R. Crawshaw, who was a foreman of construction work at the building of the capitol, it was ascertained that the existing file of original plans and detailed drawings was by no means complete. It was further found that as construction originally proceeded, important departures from working plans had been made, and no record of these changes had been preserved. Hence, competent architectural service was required in order to secure competition in bids for reconstruction, and also to insure satisfactory results. The firm of Hallett & Rawson of Des Moines, was employed as architects. As soon as they could complete plans and specifications, the bids were called for, for the restoration of the hall of the House of Representatives, and the speaker's rooms and committee rooms damaged by fire. This contract was finally awarded to The Grahl-Petersen Co., of Des Moines, and F. Herman & Son, of Council Bluffs, for the sum of \$62,407.00.

Elsewhere in this report will be found detailed description of the various branches of our work, together with tabulated statements of bids received for the whole, and sub-bids for various parts of the work.

This contract included only construction work, and materials therefor. The closest scrutiny of this work is invited. It is the belief of the Commission that the contractors performed their obligation with absolute fidelity, and that in every detail the interests of the State were well served. Materials are of the best quality, and workmanship is of unquestioned excellence. No competent critic could assume to say that the construction is not as nearly absolutely fire proof as practicable.



## MURAL DECORATION.

This was held to be among the more important duties of the Commission. It is only within a generation or less, that importance has been attached to work of this character, but it has come to pass that next to the architect, a decorative artist is counted perhaps the most important in buildings of a monumental character. Almost every city of pretention, contains one or more men engaged in this line of painting, but very few have come anywhere near the limits of excellence. The preliminary Commission gave much attention to this branch of improvement. For two years this Commission bestowed much thought and investigation upon the subject. There were numerous applicants for the work, among whom were men of unquestioned skill, but the desire of the Commission more and more centered in one man who had fairly earned distinction as the leading decorative artist of America. This man is Elmer E. Garnsey of New York City.

It was by no means certain that the appropriation available would secure the services of a man of his class. After repeated invitations, Mr. Garnsey came to Des Moines and submitted estimates for the decoration of the dome, the rotunda, the corridors, the hall of the House of Representatives, the Supreme Court rooms and considerable plain work in the less important corridors and hallways. The amount available for this work was \$61,500.00.

Estimates submitted by Mr. Garnsey were considerably in excess of this sum, but a contract was finally closed for the amount available.

Upon solicitation of the preliminary Commission Mr. Garnsey had furnished an estimate of the cost of decorating the corridors upon first floor, and rotunda walls up to the entablature just below the lunettes and statues, also the walls and cove of the grand stair case hall. For this work his figures aggregated \$40,000.00, but it will be seen that it did not include the decoration of the dome above the line referred to, nor any of the secondary corridors about the building. Our contract with Mr. Garnsey was made with a view to obtaining a complete scheme of decoration, including in addition to the above, the walls of the rotunda and all public corridors, and the entire dome, as well as the ceiling of the House Chamber, the Supreme Court room, and consultation room. In view of the fact that much work not contemplated originally was included in the contract, it will be seen that the preliminary figures were considerably in excess of the contract price.



We count it most fortunate for the State that we were able to secure Mr. Garnsey for this work. It speaks for itself. For generations it will live as a monument of excellence and character to a great painter, and will successfully resist the criticism of those who speak without appreciating the view point of the artist.

### PICTORIAL DECORATION.

Appreciating the deep interest of the public existing and to be created by this branch of capitol improvement, the Commission approached the work of pictorial decoration with a due regard to the responsibility involved. Largely with this end in view, a tour of investigation was made to the principal cities of the country for the purpose of examining the work of the leading artists in the hope of securing the best art productions. Our first engagement was for the mosaic panels to be placed in the six blind arches above the grand panel. For this work, our selection was Frederick Dielman, president of the National Academy of Design, and eminent among American painters. A study of his work in the Library of Congress and other great buildings, easily led us to the conclusion that his creations would be entirely in keeping with the grand character of our capitol building, and the high aspirations of our people.

We have been somewhat disappointed in the progress of this portion of the decoration, but preliminary sketches have been submitted to and approved by the Commission, which justify high anticipation in the finished product. We regret to say these panels will not be in place before the expiration of our term of office, but in the natural course they will be received and installed by the Executive Council. No payment has been made upon this contract, the full amount of which is \$10,000.00.

Mr. Edwin H. Blashfield of New York City was engaged to produce the painting for the grand panel. Mr. Blashfield visited Des Moines for elaborate counsel with the Commission, and for the purpose of getting in touch and sympathy with Iowa conditions and interests involved in his great work commemorative of the beginnings and progress of Iowa's civilization.

Since the installation of "Westward" in the grand panel, we feel more than justified in our original belief that a better selection could not have been made for this important work. The country contains no artist more conscientious in character, or scrupulous in all details of artistic execution. The reputation of Mr. Blashfield



is much wider than his own country, and it will be more and more apparent that the State of Iowa is in possession of a Blashfield masterpiece. This work has been an object of the highest praise and as might have been expected, of some adverse criticism, but the Commission is not in the least solicitous as to the concensus of opinion relative to this great work.

The eight lunettes to occupy the semi-circular spaces in the rotunda above the entablature, are being painted by Kenyon Cox of New York City. This engagement was made after exhaustive consideration of the merits of various American painters in the belief that for the decoration of these particular panels, the peculiar ability of Mr. Cox is particularly available.

Preliminary sketches were submitted and approved several months ago, and two panels complete have been received. Within a few months this branch of pictorial decoration will be complete, and the Commission feel warranted in the assumption that it will be highly creditable to the conspicuous position it occupies in the state house, and an object of unusual interest to visitors. This contract was for \$8,000.00.

It is the conviction of the Commission that the public cordially approves of the large expenditure for art work in the capitol building, and would justify considerable additional appropriation for further adornment. It will be observed that upon the first and second floors there are numerous panels most inviting to the pictorial artist, and the Commission earnestly recommend the expenditure of liberal sums from time to time for paintings to occupy the same.

It is generally considered that in the grand stair case hall, the architect and artist attained their happiest form of expression. It has become the center of interest to most capitol visitors, because of the decorations and Mr. Blashfield's painting, and will grow in attraction upon the installation of the mosaic work of Mr. Dielman, now in process of execution. Therefore, it is hoped by the Commission that the paintings next secured by the State for capitol adornment will be placed in the panels on either side of the stair case hall on the Legislative floor.

#### EXTERIOR DOME GILDING AND PAINTING.

The Commission entered upon this branch of the work with a vague idea of method of procedure, for it was realized that the gilded dome was one of the conspicuous points in the work, calling for careful methods, exacting workmanship and honest materials



to insure satisfactory and lasting results. Some of the most noted dome gilders of the country were consulted, and from their opinions a set of specifications were evolved. Bids for the complete work of painting and regilding the main and four smaller domes were sought, and propositions following were received:

Name	Main Dome	Smaller Domes	Total
L. Haberstrom & Son, Boston.....	\$ 8,102.00	\$ 3,475.00	\$ 11,577.00
J. L. Nelson & Bro., Chicago.....	12,700.00	4,000.00	16,000.00
J. F. Sturdy (including removal of old paint and gold, also gilding 8 foot below dome).....			25,602.00
Bilz & Defoi, Des Moines.....	5,616.80	2,731.60	8,348.40

The lowest bidders, local men of experience in applying gold leaf, and of established integrity, were asked to enter into contract and furnish surety company bond for full amount of contract price. The Commission reserved the right to purchase all gold leaf and supply same to contractors for use on domes.

The leading gold leaf manufacturers of America were asked to submit prices with samples upon the quantity of gold required for the work, a special beaten leaf being called for of 23½ karat fineness. The gold leaf was purchased from the Coe Mfg. Co., of Providence, R. I. During the application of the leaf several strips were picked at random from various rolls and the Commission had same assayed by the American Smelting & Refining Company, the gratifying result showing a fineness of 999.50, or over 23½ karats.

The surfaces of the dome were cleaned, scraped, and sandpapered, then given a coat of red lead and oil; then English Oxford ochre, lead and oil; then Kemp's oil size, after which gold was applied in the usual manner. Subsequent to the completion of this work, the method of applying the gold was endorsed by dome gilders not previously consulted by us. We therefore believe that the gilding of the dome has been done by most approved methods, and for a reasonable expenditure of money. The appropriation available for this purpose was \$8,320.00.

The domes were first gilded nearly twenty-five years ago, its durability being considerably beyond what is usually considered the life of such construction. The domes are now in at least as good condition as originally, and another quarter century will doubtless elapse before regilding will be necessary.



## FIRE PROTECTION.

The destruction of the House Chamber by fire on the 4th day of January, 1904, immediately prior to the convening of the Thirtieth General Assembly, and the utter inability of the municipal fire department to render effective service at that time, brought into bold relief the urgent necessity of providing some sort of improvement for the protection of State property.

The Joint Legislative Committee of the Thirtieth General Assembly requested the Capitol Commission to procure estimates of cost of installing a satisfactory modern fire protection equipment. The time allowance for this being necessarily very short, the Commission secured what information was available locally, and determined at least tentatively, upon the hydraulic main system as the most adequate, and an estimate of \$7,500.00 as probable cost thereof was arrived at.

After the bill appropriating \$126,000.00 for restoration of House Chamber and installation of fire protection was passed, the Commission undertook to make an exhaustive study of the problem of fire protection for the State house. It was evident that the first step must be to obtain expert advice to give counsel on the important manner of affording the best known modern protection. Owing to fortuitous circumstances, it was possible to obtain the advice of the engineer of the Fire Underwriters laboratories in Chicago, Mr. Fitzhugh Taylor. Mr. Taylor visited the building, made an exhaustive examination of the premises, water mains surrounding the same, city waterworks plant, and of the records of water pressures in the mains at the time of the fire. With this and other data before him, he prepared an able and detailed report embodying suggestions and recommendations, some of which your Commission was able to adopt within the limits of the appropriation available. The method of equipping a structure with stand pipes charged with chemical supplied from huge storage tanks such as are in use in large structures in the principal eastern cities was thoroughly investigated by the Commission, together with Mr. Taylor. An inspection of similar installations in Chicago being made, and while considered satisfactory for small fires, were deemed inadequate to cope with fires of magnitude such as the one experienced. Mr. Taylor strongly advocated and urged the construction of a yard main about the capitol building connected with the city water system, the pressure being augmented by a fire pump to be placed in the engine room across the street north of the capitol. Because



of the cost of the plant, and the necessity of keeping sufficient power for 24 hours daily, it was not deemed practicable to use a pump.

For the sum of \$3,950.00, a contract has been entered into with O. P. Herrick of Des Moines, for the construction of a 10-inch yard main around the State house, with 6 and 8-inch branches leading to six standpipes within the building. Standpipes equipped with hose reels, hose and valves on each floor have been installed. The yard main is to be supplied from a connection with 8-inch city main on Walnut street, and the 6-inch main on Grand avenue, with 10x10x12 tees left at northeast and southeast corners for future connection with a 12-inch main on Eleventh street, at such time as this much needed and desired main shall be installed. In connection with this subject at this point we wish to emphasize the desirability of having a 11-inch main placed in Eleventh street, and in order to adequately present reasons therefor, beg leave to quote from the expert's report, the following extracts:

The location of the building is unfavorable as its elevation above the pumping station of the water company and its distance therefrom, reduce by nearly fifty per cent the hydrant pressure which is available for fire service at the station. This is especially unfortunate in view of the extreme height of the building itself, for while the available pressure is sufficient for protection of the surrounding property where supported by mains of ample size, it is not thoroughly adequate for a building of the height of the present state house, unless reinforced by private fire pumps or by steam fire engines.

Further, he says:

The existing arrangement of water mains, both as to location and size, adjoining the capitol grounds, does not permit of material improvement of the fire service. The main in Eleventh street, which is nearest to the capitol, is too small to furnish water to a private system, and is already loaded with more outlets than it can properly supply, impairing the efficiency of the service not only toward the capitol, but also to the east of Eleventh street. This main should be materially enlarged for proper protection to the locality which it is intended to serve, and entirely aside of supplies to the capitol.

To quote further:

In view of the conditions noted in the foregoing, I consider that adequate protection to the property demands an equipment substantially as outlined below:

1. A 12-inch main in Eleventh street, from Walnut to Des Moines street, connecting with 8-inch main in Walnut street, the 6-inch main in Grand avenue, and the 12-inch main in Des Moines street. This to replace the present 4-inch main in Eleventh street.



2. A 10-inch main within the grounds, entirely surrounding the building without dead ends, and connected by 10-inch supply pipes at northeast and southeast corners to 12-inch pipe in Eleventh street.

As it was impracticable for the Commission to provide the 12-inch main, the yard main was connected to 8-inch main in Walnut and 6-inch main on Grand, as previously described, and plugged connection being left in tunnel for future attachment to the pump should this desirable feature be added at some date. Mr. Taylor's report closes with the following:

I am aware that the cost of the equipment outlined will be considerably in excess of the amount which is immediately available for fire protection, the fire pump item involving considerable expense and the question of power to drive such pump being thus far not satisfactorily answered. The present report would be misleading if so drawn as to convey the impression that such a pump is not needed, for even the emergency pressure available from the main is not thoroughly adequate for protection of a building of the height of the State house. The building is at present, however, totally without protection of its own, and the fire department is almost powerless to reach a fire of any size within it. I should therefore, recommend as an immediate measure, the installation of the system as outlined with the exception of PP. 6 (relative to installation of fire pump) providing an outlet in the yard main to which a pump can be attached later.

From the estimate furnished, I believe this can be done without exceeding the present appropriation, and good protection will be afforded on the lower floors with fair protection in the upper part of the building.

It will thus be seen that the Commission has followed so far as appropriation for the same would permit, the suggestions for ample fire protection to the building. The standpipes, hose and valves are now in place, and the yard mains contracted for. The prime need to make the protective system even fairly efficient, is the placing of a 12-inch main in Eleventh street, and we respectfully urge that necessary steps be taken toward an early accomplishment of this much desired improvement.

In addition to the fire protection outlined at an outlay of \$500.00, there has been provided and installed in conspicuous places throughout the various offices and corridors of the building, 49 three-gallon chemical extinguishers. The utility of these machines has been abundantly proven as of great value in quenching blazes and thus preventing great damage by fire and water. It is believed that the proper use of these extinguishers will serve to prevent the spread of any fire which may originate during the time of day when the building is most occupied.



The attic spaces above the chamber, stair case hall and library, while fire proof in themselves, harbor much inflammable material and have never been adequately separated to prevent spread of fire from one space to the other. A flimsy wood door divided the House attic from space over library, and this door was closed during the serious fire of January, 1904, thus effectually preventing spread of flames and undoubtedly proved the means of confining all fire damage to area north of dome. We have equipped the five large openings in attic with standard underwriter tin clad doors of self closing type with fusible link attachment, thus providing for automatically shutting off the various attic spaces from each other in times of fire. No provision was made for this specific purpose, but it was deemed expedient and the expense of this improvement was \$478.00.

#### PLUMBING.

A careful examination of the condition of the various plumbing fixtures, soil stacks, and general sanitary equipment of the Capitol by this Commission, led to the conclusion that many fixtures which were undoubtedly excellent at the time of their installation, would in the light of the progress made in sanitary appliances during the past quarter of a century, be classed as almost obsolete; and to permit them to remain would subject all occupants of the building to dangers attendant upon unsanitary plumbing conditions.

It was well nigh impossible to obtain minute inspection of the entire equipment, as many of the drainage pipes, soil stacks, horizontal waste runs and traps, were concealed or imbedded in floors and walls. An approximate estimate was made of the probable cost of replumbing the principal toilet rooms of the building, and modernizing the various lavatories throughout. The figure was placed at \$25,000.00, but was afterwards reduced to \$16,000.00 by the Legislative Committee having this appropriation in charge.

The method of procedure finally entertained by the Commission, namely, that of purchasing all materials and fixtures, and having them set in place for actual cost plus a percentage, was the only feasible plan open to us, for it was obvious that to contract work of this character, much of it would be proceeded with in absolute uncertainty, and the specifications necessarily so incomplete that no adequate basis could be arrived at for intelligent bidding. The fact that all alterations and revamping, together with much other work under plumbing not originally contemplated, was done at a cost of \$12,000.00 is abundant proof of the wisdom of the course pursued.



The old wooden partitions in all public toilet rooms have been replaced by Italian marble slabs with nickel trimmings. In the Senate and House toilets, all fixtures were removed and the most perfect fixtures of the various kinds were placed in their stead. The walls in the Senate and House toilets were lined with mirrors in marble frames, and everything made as perfect, from a sanitary standpoint, as human ingenuity and modern sanitary science could suggest. Special exhaust fans in the attic provide positive local ventilation for these toilet rooms.

In many offices throughout the building, old lavatories, consisting of marble slabs, china bowls, and "boxed in" or concealed lead plumbing pipes, were replaced by new porcelain one-piece fixtures with nickel-plated supply pipes, faucets and anti-syphoning traps; though in some instances where the slabs and bowls were still in fair condition, the supply pipes, faucets and traps, and "boxing in" were removed and "open" plumbing substituted; all exposed work being in heavy brass, nickel-plated.

These fixtures were inventoried, and a list made of all needed material. After a careful inspection of the wares offered by three or four of the principal manufacturers of plumbing goods, bids were requested from each, and after the sharpest kind of competition the goods were purchased from the J. L. Mott Iron Works of New York, at prices fully 5 per cent less than those quoted to the trade.

The L. H. Kurtz Co., being familiar with the work, and especially with the intricate piping in the sub-basement, were engaged to carry out the work, repair all defective joints in piping, etc., and set and connect up all new fixtures. Itemized bills covering exact cost of all labor and materials, were rendered, and a commission of 10 per cent was paid for all services in this connection.

The five old drinking fountains throughout the corridors and rotunda, had been abandoned for years, and unsightly tin water coolers were used in their stead. In this work we have provided the fountains with new lead lined boxes and block-tin coils, and have had made from special design, ornamental wrought bronze goose-neck faucets or standards, through which cool drinking water flows. This is controlled by a push button on the front of the marble pedestal.

The frequent bursting of hot water pipes in the sub-basement, had been a fruitful source of annoyance in recent years. Although not contemplated when the appropriation was asked covering plumbing alterations, it was deemed imperative that some substantial im-



provement be made on this hot water piping. It was found that the old mains consisted of brass piping with special threads at fittings and connections, and as all fittings today are tapped and threaded standard, great difficulty was encountered in obtaining proper or suitable fittings. To obviate troubles of this character, and to place the piping in good condition, free from frequent breaks, an entirely new system of galvanized iron supplies, and hot water tank connected with steam main, was installed upon the circulation pipe system, i. e., a flow and return pipe to every fixture or group of fixtures, ensuring prompt or instantaneous flow of hot water at the faucet whenever the latter was opened. This part of the work entailed an expenditure of \$600.00 but credit was received on account of old brass for \$120.00, thus placing net cost to State of \$480.00.

The plumbing work has all been completed; the workmanship is of the best, and the fixtures the most approved obtainable for the purpose, and it is confidently stated that the plumbing in our State house today will compare favorably with any recent installation in buildings of like character in this country.

#### ELECTRIC LIGHTING.

In the pursuance of our work in substantial accord with the recommendations of the Capitol Commission, as provided by statute, the installation of an electric lighting system became necessary. Ample power provision at the state's plant has been made. In the Senate Chamber and Hall of the House of Representatives, the main corridors and the rotunda, ample lighting capacity is afforded. All the basement offices have been provided with fixtures, and the offices upon main floor, and all the committee rooms have been wired for electric lighting.

In our first report two years ago, we asked for an appropriation of \$25,000.00 for the complete equipment of the capitol building with electrical fixtures. Aside from the needs of the House Chamber caused by the fire, an appropriation of \$5,000.00 only was made with a view to the installation of fixtures to the extent now provided by the Commission. As will be seen in the report of the secretary, this appropriation is practically exhausted. The offices upon the main floor are without electricity except an occasional desk or vault light.

The Commission would recommend the discontinuance of the use of gas about the capitol building, and entire reliance upon



electricity. Ample provision has been made for power, including all emergencies with a reserve unit for service in case of break down. At a mere nominal increase of cost the entire building can be lighted from this source. In modern buildings of this class provision for gas lighting is now rarely made, entire reliance being placed upon electricity. State house workers insist upon retaining gas in their apartments owing to the fact that service at the power house is not continuous day and night. All things considered, the Commission believes it would be advisable to eliminate the gas, and install continuous service.

### FLAG NICHES.

After our appropriation had been readjusted by the Thirtieth General Assembly, it was suggested that the four niches at the base of the dome on the main floor be used as fire proof repositories for the flags carried by the Iowa regiments in the Civil War. These niches were probably designed originally for statuary, but they up to this time served no useful purpose, and were by no means ornamental, but sometimes highly objectionable, on account of unsightly accumulation.

The wooden flag cases reposing within the rotunda on second floor were regarded as unsafe, and moreover the wall spaces which they covered, were an important part of the decorative scheme outlined by Mr. Garnsey. No specific appropriation was available of course, but upon consultation with members of the Executive Council, and members of the Grand Army of the Republic, the proposed change was in every instance warmly recommended and cordially urged. The Commission, therefore, undertook the work and completed same at an expenditure of \$2,687.40. It was impracticable to contract for the same, and it was performed upon the percentage basis. Since the removal of the flags, universal approval has been expressed, and the Commission feels fully justified in taking on this additional work unauthorized by statute. The battle flags are now secure against the perils of fire, and they are conspicuously located and are an absorbing object of interest to the throngs who daily visit the State house. Payment for the flag niches was made under the provision of the law permitting the use of unexpended balances for other purposes of improvement.



## UNFINISHED WORK.

The work remaining to be performed by the Commission is the placing of water mains for the completion of the system of fire protection, the water proofing of the tunnel between the Capitol and power house, sundry repairs in the attic, and boiler house, the decoration of the rooms of the Clerk of the Supreme Court, the Railway Commissioners offices and the Department of Agriculture, the completion of the contracts for pictorial decoration with Frederick Dielman and Kenyon Cox. All this work will be completed before the expiration of our term of office July 1st, with the exception of the mosaic panels in the hands of Mr. Dielman.

## FINANCES.

Proceeding under the instructions of the Thirtieth General Assembly in connection with previous statutes, and the report of the preliminary Commission, the Capitol Commission is able to report that it has completed the work for which appropriations were provided with the exception of items included under the heading of "work unfinished." In addition, a large amount of improvement has been made, wholly unprovided for in the act of two years ago. In every case these additional improvements were deemed by the Commission and Executive Council to be of such importance as hardly to admit of neglect or omission. We will hereafter set out in detail the matters to which reference is made. Under the provision of Chapter 147, Acts of the Thirtieth General Assembly, the Commission was authorized to use unexpended balances for other purposes authorized. Otherwise these improvements not covered by specific appropriations could not have been attempted. Notwithstanding these large drafts upon our resources, we have been enabled to include them with other improvements without exceeding the sum appropriated two years ago. A detailed financial statement appears in the report of Secretary Harsh.

## IMPROVEMENTS NOT COVERED BY APPROPRIATION.

Under this heading are grouped a number of items involving quite a large expenditure which we will endeavor to outline.

Reference has been made to the interior decoration of the dome not included in the original estimates, or any appropriation. In making preliminary estimates Mr. Garnsey was asked to omit the dome above the entablature for the reason that it was believed a decorative



scheme could be made to appropriately include existing decoration. When he proceeded with plans he found this to be utterly impracticable. The glaring discrepancy between the old and the new work would have been grossly inconsistent with satisfactory results. Hence there seemed no escape from the proposition to cover the interior dome surface with new and elaborate decoration. This excess of expenditure amounted to over \$13,000.00.

Committee room carpets had not been included in any estimates for the reason that it was assumed the carpets in use before, could be put down, but when the time arrived it was found they had been used elsewhere, and new carpets had to be purchased. It was also assumed that the carpets and draperies in the Supreme Court rooms and judges rooms might be used again, but after drying out, they were found to be wholly unsuitable for service in the newly decorated apartments. These carpet expenditures aggregated more than \$3,000.00.

In the matter of furniture and chairs for the House hall and Speaker's room, large drafts were made upon our funds in excess of estimates. The constitutional amendment demanded eight new members' desks, which we have provided. It was believed a large proportion of the desks, chairs, settees, etc., could be placed again without considerable expenditure, but these were so out of form with the newly finished furniture that nothing remained to do but to bring all to a common standard. This made necessary a large amount of upholstering as well as finishing, varnishing, etc., which involved an expenditure of \$1,573.00 in excess of the amount appropriated for this purpose.

A crack in the east wall of the grand staircase wall had for years baffled engineers and architects. Experiments were made in the endeavor to repair the same, but it was finally held to be utterly unsafe to mount thereon the Blashfield painting. Hence, a suspended wall was made to cover the entire panel.

Hot water supply unprovided for was mentioned in the plumbing section.

In order to improve the lighting effect for paintings and decorations, stained glass over the grand stair case was replaced with wire maze glass.

Suit was brought to enjoin the Commission from closing decorating contract with Elmer E. Garnsey, the defense of which cost \$250.00.

The unsightly appearance of the iron doors of the various electrical cut out and switch cabinets in the corridors and rooms



throughout the building, were trimmed with neat paneled doors and frames in the various kinds of wood corresponding to the finish already in place.

Elsewhere reference is made to the necessary employment of architects unprovided for by appropriation. For this purpose \$1,700.00 was expended.

Four toilet rooms were decorated at an expense of several hundred dollars.

The largest item in the list of extras, aside from the dome decoration, is the flag niches, elsewhere referred to.

A number of minor improvements caused an excess of expenditure amounting to a number of hundreds of dollars. All these items above referred to, amounted in the aggregate to \$24,301.49. From this sum should be deducted that portion of the contingent fund available for these purposes amounting to \$9,696.36, leaving a net excess of expenditure uncovered by appropriation of \$14,605.13.

### RECOMMENDATIONS.

Under this heading the Commission desires to submit suggestions out of their relations with Capitol work, and apparent needs in the way of further improvement of State property.

The General Assembly two years ago appropriated the sum of \$1,500.00 for repairing the marble floors in the basement of the Capitol. Investigation developed the fact that the expenditure of this sum would result in mere patch work, and make necessary continued appropriations, and all the time unsatisfactory condition. We therefore concluded it would be economy on the part of the State to delay this work until an entire new floor could be laid, and hence we are returning to the treasury the sum appropriated for this purpose.

Because of disintegration of the present floor, the dust arising from old material is particularly injurious to the machinery installed in the sub-basement. It was the intention of the Commission to make this improvement, but being apprehensive as to necessary funds the work has not been done, but it should have the early and efficient attention of the Custodian and the Executive Council.

In accordance with the recommendation of the preliminary Commission, it was our intention to make extensive and important repairs upon the approaches to the Capitol building; but as our



finances were reorganized by the Legislature two years ago, without including this important item, it has become necessary to abandon this improvement. In view of the conspicuous need of this work, it is hardly necessary to press it upon the attention of the proper officials.

Attention is called to the fact that structural conditions of the south wing of the Capitol invite peril in greater or less degree from fire. The inflammable nature of the Senate ceiling construction, also of the galleries and minor partitions, as well as air ducts, make it possible for fire to secure speedy headway in that part of the building. A fire in this quarter might be of much more serious consequence than hitherto, because of the almost irreparable damage possible to decoration, paintings, etc., in other parts of the building. As soon as consistent with financial conditions, it would be the part of wisdom for the Legislature to make an appropriation providing for fire proof construction such as has been adopted in the restoration of the north wing.

The attention of the Commission has been called to the need of elevators in the library. In the interest of efficiency, and a due regard to the convenience and comfort of the library attendants, and the public, it is our opinion this want should be supplied. The type of elevator suggested for this purpose is known as the self-operating push button style, similar to those used in apartment houses and family hotels, the library attendant being able to gain any floor level desired, by simply entering the elevator and stopping the car at any floor. The plaster pilasters (marbleized) in the State library, are in deplorable condition, being badly cracked, and bulging off in spots, and should be replaced by Scagliola pilasters as soon as possible.

The need of placing a 12-inch main on Eleventh street east of the Capitol has been dwelt on in another paragraph in this report.

Under the recommendations of the preliminary Commission, experiments have been made in the line of stone preservation. While disintegration has not proceeded to an alarming extent, in some parts of the building, notably the stylobate of the dome and balustrades, and numerous moldings, conditions are sufficient to warrant interest on the part of those in charge of State property. Under our direction Supt. Crawshaw experimented with a number of different compounds, early in his term of service, without results such as to warrant the Commission in proceeding with general application, and we are unable at this time to make any definite recommendations in this connection.



In the way of further recommendation, the Commission would include the completion of electric lighting system by the installation of fixtures in offices and committee rooms, and the extension of mains to the yard lamps. Partial provision for this extension has already been made, to the extent that all the mains and branches leading from the switch board to points in the building have been made of ample capacity to permit of current being carried to these yard lamps.

#### ACKNOWLEDGMENT.

The Commission feels much indebted to J. R. Crawshaw, superintendent of construction and repairs during our term of service to the date of his unexpected death the evening of December 23, 1905. He was always faithful to his trust. The knowledge he had acquired during his service as foreman of construction during the building of the Capitol, together with general equipment, the result of many years of experience, made his services of unusual value to the work. He had never lost interest in this splendid structure, and he gave to it all the skill of his mature years, and the fidelity of high character. While his work for the State in this connection was almost complete, his death was deeply regretted by all his associates in Capitol improvement.

The untimely and deplorable death of C. L. Linley, our consulting engineer on mechanical equipment, heating and ventilating, the day after the fire in the north wing, was a loss to the world, and a serious embarrassment to the work of the Commission. Appointed by Governor Cummins to assume charge of the wrecked house, in the absence of the Commission, he was on a tour of inspection in the energetic discharge of his duties when he fell from the attic to the House floor, meeting almost instant death. The Commission feels that his heroic and thoughtful conduct at the time of the fire, by crawling on his hands and knees in a dense smoke through an air duct in the attic, and closing a connecting door, had much to do with confining the fire to the north wing of the Capitol. His services to the Commission had been invaluable, because of his splendid professional equipment, and his deep interest in the unusual problems involved, and his death came at a most unfortunate period for the reason that it was found most difficult to take up the work where he had laid it down, and carry to completion his plans for the installation of important systems.



No man connected with the work of Capitol improvement has been more faithful and efficient than F. D. Harsh, Secretary of the Capitol Commission. He has been much more to us than a keeper of records and accounts. He brought to the work much valuable experience and he has given to it all that he had in the way of knowledge, fidelity and efficiency. In the absence of the Commission, he has been equal to important emergencies and no mistake of his has ever cost the State a single dollar. Having other occupation during the greater part of his engagement, he has not been paid the full limit of compensation allowed by law, except during a small portion of the time he has been engaged, and we feel the State has had much more than value received for all he has drawn from the treasury.

The Commission makes acknowledgment to State officials more or less related to its work, and especially to Custodian T. E. McCurdy, who has at all seasons, and in all emergencies given it unfailing support. He has done much more in this connection than could have been required or expected, and the State as well as the Commission, has benefitted by his generosity and helpfulness.

### IN CONCLUSION.

This report is made the more complete and elaborate because it is practically the final statement of the Commission, relative to its public service. Of course it will be necessary to submit a supplementary statement at the close of our term, but it will probably relate simply to financial conditions. It has been our purpose to make our reports so full and complete as to leave little desire for information in the mind of any official or individual seeking for knowledge relative to Capitol improvement under our direction.

During the progress of this work the Commission has been confronted with numerous difficulties. Introducing modern systems into a building constructed more than a quarter of a century ago is a much more serious and complex problem than their installation in new structures. The highest prices of material and labor known to industry and enterprise have prevailed during this period. While appropriations made for this work were assumed to be, and really were exceedingly generous, in view of conditions existing, it has required the greatest of care on the part of the Commission to secure that degree of excellence in equipment and restoration most desirable in a building of this character.



Neither the Commission nor any person immediately concerned in the work of improving, repairing and adorning the Capitol building, had in the beginning, any adequate conception of the full scope of the undertaking, involving as it did, conditions and details of necessity wholly unforeseen. Nevertheless the Commission, as it approaches the close of its term of service, indulges the hope that the closest scrutiny of every detail of construction, repairs, and adornment, will justify the belief that the interests of the State have been conscientiously served, and that the appropriations made have been judiciously and economically expended.

All of which is respectfully submitted.

A. B. FUNK,  
C. A. CUMMING,  
E. P. SCHOENTGEN.



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**Secretary F. D. Harsh's Report**

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## SECRETARY F. D. HARSH'S REPORT.

*To the Honorable Members of the Iowa Capitol Commission.*

GENTLEMEN: In submitting my report, I wish first to extend my thanks and gratitude to all members of the Commission for their assistance, and the confidence they have bestowed, particularly in referring to matters of considerable importance relative to my work as Secretary in a clerical way, and also the responsibilities of a more important nature which they have seen fit to place upon me.

Since the filing of our former report, in December, 1903, the Commission has held thirty-one meetings. It is my purpose in this report to give a short synopsis of the business transacted at these several meetings, particularly in connection with the letting of contracts for work to be performed.

Prior to February 25, 1904, the Commission had asked for competitive bids from different manufacturers of steam pipe covering to cover certain portions of the steam pipe which had been installed in the Capitol building under the direction of the Commission. On February 25th the following bids were opened and passed upon by the Commission. Walsh & Wyeth, Sall Mountain Ash Manufacturing Company and the Johns-Manville Company submitted bids on magnesia pipe covering as follows:

Walsh & Wyeth, magnesia covering.....	\$482.67
Sall Mountain Ash Manufacturing Company.....	650.00
Johns Manville Company.....	446.00

The Johns Manville Company, being the lowest bidder for magnesia pipe covering, were awarded the contract, which was filled according to specifications and the work accepted in due course of time.

On account of the Legislature not having adjourned no more meetings were held at which contracts were considered until June 24th, at which time the matter of putting in new steam pipes connecting the power plant with the heating plant of the main building through the tunnel was taken up for consideration. The old 14-inch



steam main of low pressure type was in bad repair, and was not of adequate capacity to properly supply the heating plant of the Capitol building. After consulting different experts as to what was required to make the plant most effective, it was decided to remove the old 14-inch pipe and place in lieu thereof a 10-inch low pressure main and a 5-inch high pressure main. The low pressure main being designed to take care of the heating plant in moderate weather and the 5-inch main as reserve in case of extreme weather, the two working either separately or jointly.

As previous experience in matters of this character had been such that work of this kind could not well be put on a competitive basis, it was decided to have this matter, if possible, on a percentage basis, and a contract was entered with the L. H. Kurtz Company of Des Moines to furnish and install this new system at actual cost plus ten per cent on material and labor, maximum to not exceed \$3,450.00. Work on this was commenced at an early date, and the heating connections between the power house and the Capitol building are now in first class condition, with flanged connections and expansion joints, at a cost of \$3,420.00, which also included considerable new steam fitting in the boiler room not contemplated in the contract as let.

The matter of electrical fixtures for the basement offices and the basement corridors had been taken up and competitive bids had been asked for from several electrical fixture manufacturers. Only two manufacturers responded, viz., the Mitchell Vance Company, of New York, and the Chicago Gas and Electrical Fixture Company of Chicago, whose bids were \$3,215.88 and \$2,927.75, respectively. After a considerable consideration it was decided to divide the bids as to corridor and office fixtures, and the two companies made propositions as follows, which were accepted. The Mitchell Vance Company to furnish offices on the basement floor for the sum of \$2,000.00 and the Chicago Gas and Electrical Fixture Company to furnish fixtures for the corridors and basement vaults for the sum of \$504.50. These manufacturers were asked to have their fixtures hung at the earliest possible date, and the same were promptly forwarded.

At this time contract for covering the new steam mains and the mains throughout the boiler and engine room and sub-basement was awarded. Bids had been asked for by correspondence, but only one company responded, and on account of the figure given being deemed reasonably low, as the Commission had measurements of



pipe to be covered and a unit price on covering of different makes, the contract was awarded to the Johns Manville Company for the sum of \$1,900.00.

During this time considerable work was being done toward getting plans and specifications ready for contractors looking to the restoration of the House chamber, which had been damaged by fire in January, 1904. The structural iron beams and trusses about the house had been badly warped on account of excessive heat, and a contract was entered into with the Des Moines Bridge & Iron Works to repair the injured beams for the sum of \$2,314.00. This contract was awarded on August 12th.

At this time the plans and specifications for the alley paving, coal bunkers and repairs to the boiler rooms were approved, and bids advertised for, the same to be opened at the next meeting of the Commission which was held September 7th, at which meeting bids were received from the Capital City Brick & Pipe Company and the Chas. Weitz Sons Company, whose bids for this complete work were \$4,520.00 and \$4,392.00, respectively. The contract was awarded to the Chas. Weitz Sons Company for the sum of \$4,392.00, the work to be completed by November 1st. This contract was completed on time and satisfactory in every respect.

At this same meeting, September 7, 1904, bids for the repairs to the House wing were received from the following firms: Chas. Weitz Sons, of Des Moines; The Capital City Brick & Pipe Company, of Des Moines; the Grahl-Petersen Company and Herman & Son, of Council Bluffs, Iowa, whose bids were as follows:

Chas. Weitz Sons .....	\$65,920.00
Capital City Brick & Pipe Co.....	64,900.00
Grahl-Petersen and Herman & Son.....	62,407.00

The contract was awarded to the Grahl-Petersen Company and Herman & Son, conditioned upon the filing of satisfactory bond, the work to be commenced as early as possible.

At this meeting Mr. E. E. Garnsey, of New York City, was awarded a contract for the decoration of the Capitol building for the sum of \$61,500.00.

On November 9, 1904, the matter of repairing the north pavilion dome, which had been damaged by fire, was taken up, and a contract awarded to Grahl-Petersen Company to make the necessary repairs for the sum of \$765.00.

After the fire in January, 1904, the necessity of underwriter fire proof doors was seen, and the necessity for such doors in all the



openings of the State house attic being deemed necessary, a contract was entered into with the Grahl-Petersen Company to furnish such doors hung complete, for the sum of \$474.00.

Early in December it was decided by the Capitol Commission that the matter of the painting of the picture for the grand panel at the head of the stairway should be taken up at once, and Edwin H. Blashfield, of New York, was commissioned to do this work for the sum of \$10,000.

At this time a contract was entered into with Frederick Deilman, of New York to execute mosaics to be placed in the six arches on the gallery floor in the east pavilion of the Capitol, for the sum of \$10,000.

The matter of standpipes for fire protection, plumbing and repairs incident thereto had been taken up and gone over at a considerable length, and the matter had received from time to time a great deal of consideration. Commissioner Schoentgen had made a special trip to Chicago for the purpose of examining plumbing and plumbing fixtures, and in another paragraph of this report is given in detail the method pursued in this branch of the work.

For some months prior to the date of this meeting the Capitol Commission had been investigating different makes of fire extinguishers with a view to placing a liberal number of these in prominent places about the Capitol building. The Commission had been in correspondence with a number of manufacturers of extinguishers whose machines had been approved by the National Board of Underwriters, and at the meeting held January 12th, bids for these extinguishers were received from the following firms: Knight & Thomas, of Boston; The Badger Fire Extinguisher Company, of Boston; the Babcock Company, of Chicago; The Childs Company, of Chicago, and the Tea Tray Company, of Newark, New Jersey, whose bids were as follows:

Knight & Thomas, "Underwriters," each.....	\$9.50
Babcock Co., "Patrol".....	9.25
The Childs Co.....	8.50
Tea Tray Co., "Newark".....	8.50
Badger Fire Extinguishers Co., "Badger".....	8.50

After due consideration and personal examination of these several machines, forty-five "Newark" extinguishers were purchased from the Tea Tray Company, of Newark, N. J. These extinguishers are now placed in prominent positions, easy of access, about the Capitol building.



During the investigation of the plumbing the matter of marble wainscotting and marble stalls in the several toilet rooms, both public and private, throughout the Capitol building, was taken up, and marble companies were requested to make estimates and furnish bids for completing the work in these several toilet rooms according to plans and specifications furnished. The date for the receiving of such bids was fixed for the February meeting of the Capitol Commission, which was held February 2, 1905, at which time contract was awarded to the Holbrook Mantle & Tile Company for the sum of \$3,016.00, which is included in cost of plumbing. The other marble dealers who had been requested to submit bids failed to comply, and as the price for which the Holbrook Mantle & Tile Company offered to do the work seemed to be reasonable, consistent with good material and workmanship, the contract was awarded to this firm.

At this meeting the Secretary was instructed to correspond with manufacturers of opera chairs looking forward to the letting of a contract for new chairs to replace the ones destroyed by fire in the House galleries.

At the same meeting Commissioner Schoentgen was requested to correspond with manufacturers of art glass and skylights, and ask for sketches and bids for the skylight to be placed in the House chamber, the same to be prepared and forwarded to the Commission so that action could be had upon this matter at the next meeting.

At the same meeting the Secretary was instructed to correspond with different gilding firms looking forward to the placing of a contract for gilding the main dome and painting the four small domes. Commissioner Schoentgen was requested to write to the Boston School of Technology, and elsewhere, for the purpose of ascertaining the best methods to be employed in dome gilding. The suggestions received from various sources were embodied in the specifications governing the execution of the work.

At the meeting held March 14, 1905, only one opera chair manufacturing company was represented, the A. H. Andrews Company, of Chicago, who built the chairs which were originally placed in the House gallery. Their representative made a proposition to rebuild the chairs, using the same style as the original chairs, upholstering the same according to the direction of the Commission, and furnishing the job complete, chairs set in place, for the sum of \$2,000.00. This contract was awarded to this company for that amount.



At this meeting propositions for the House skylight was received from Frank Millett, of Chicago; E. E. Garnsey, of New York, and the Allward Glass Company, of Des Moines, with sketches for skylight accompanying each bid. The bids were as follows:

Frank Millett.....	\$600.00
E. E. Garnsey .....	450.00
Allward Glass Company.....	350.00

On account of the Allward Glass Company's bid being low the contract was awarded to them on the condition that they furnish skylight according to sketch furnished by the Capitol Commission.

On April 13th at the regular meeting of the Commission, communications and propositions were received from the following firms for gilding and painting the Capitol domes. Haberstroh & Sons, of Boston; Bilz & DeFoi, of Des Moines; John L. Nelson & Brother, of Chicago, and J. F. Sturdy & Company, of Chicago. The bids were as follows:

Haberstroh & Sons .....	\$11,577.00
Bilz & DeFoi.....	8,348.40
Nelson & Brother.....	16,700.00
J. F. Sturdy & Company.....	25,602.00

These bids were all made upon same specifications, with the privilege that the Capitol Commission use, or cause to be used, a gold leaf such as they deemed suitable for this job.

The proposition of Bilz & DeFoi, of Des Moines, was satisfactory to the Commission, and the contract was entered into with them for the execution of this work, the Commission reserving the right to purchase the gold leaf used and deducting from the contract price the amount paid therefor. The Commission negotiated with different manufacturers of gold leaf and secured a specially beaten leaf which was guaranteed as to fineness and perfection. An assay of the gold leaf, selected at random, showed that the leaf selected was up to the guarantee and entirely satisfactory.

On May 10th the matter of purchase of carpet for the House chamber and the Supreme Court and Consultation rooms was taken up. Younker Bros. came before the Commission with the proposition to furnish the carpet for these rooms at the same price that they furnished carpets to the Executive Council. Inasmuch as this contract had been in existence for a number of years and carpets had advanced materially during that time it was decided that the Commission could do no better than accept this proposition. The price paid for the House, Supreme Court and Consultation rooms



being \$2.32 per yard for Whitehall's best Victoria Wilton. This price included the laying of carpet.

At this meeting propositions were received from the Garver Hardware Company and the Empkie Shugart Company, of Council Bluffs, to furnish Yale locks for the speaker and clerks' desks in the House chamber, the prices being \$53.00 and \$61.70, respectively. The contract was awarded to the Garver Hardware Company and locks ordered.

At this meeting letters were ordered written to different manufacturers of electric fixtures asking them to submit designs and prices for the four electrolieres to be placed in the House chamber.

At this same meeting Architects Hallett & Rawson were asked to make plans, following the design furnished them, for preparing the niches on the main floor of the Capitol building to receive the battle flags, which were, at this time, on the second floor of the Capitol building near the library entrance.

On May 17, 1905, the Capitol Commission received bids from electric fixture manufacturing companies for electrolieres to be placed in the House chamber as follows: The Oxley-Enis Company, of New York, \$750.00 per fixtures, f. o. b. New York. Mitchell Vance Company, of New York, \$575.00 per fixture, hung. The Chicago Gas & Electric Fixture Company, \$297.00 per fixture, hung. These companies also submitted sketches showing the style of the fixture they proposed to furnish. The bid of the Chicago Gas & Electric Fixture Company was by far the lowest bid, but the sketch submitted by them showed that the fixture they proposed to furnish and had bid on was not suitable for the House of Representatives, and their representative, who was present, asked that his bid be not considered. The contract was awarded to the Mitchell Vance Company of New York City.

At this meeting the matter of letting the contract for the repairs to the flag niches was taken up and discussed at some length. On account of the fact that the changes necessary in order to make these niches fire proof receptacles, and the necessary alterations to the marble work, made the matter of letting this contract by competitive bidding impractical, the firm of Grahl-Petersen Company made a proposition to do this work at actual cost of material and labor, plus 15 per cent, not to exceed \$2,300.00. The plans were afterward changed to the extent that the cost was slightly in excess of this amount.



At this meeting it was decided to ask manufacturers of electrical fixtures to submit sketches and propositions for the furnishing of fixtures for the purpose of lighting the main corridors of the building.

At the meeting held June 15th bids for fixtures for the main corridors were received from the following firms, who bid as follows: Mitchell Vance Company, of New York, \$32.50 per fixture, hung; The David J. Braun Company, of Chicago, \$32.00 per fixture, hung; the Chicago Gas & Electric Fixture Company, of Chicago, \$34.00 per fixture, hung. The contract for these fixtures was awarded to the David J. Braun Company.

At this meeting the contract for doors and frames covering the electric light switch boxes throughout the building was awarded to the firm of Herman & Son for the sum of \$370.00, which, according to the estimate of Superintendent Crawshaw, was considered a conservative price.

At the meeting on July 14th, a contract was entered into with Kenyon Cox, of New York, for the paintings to be placed in the eight lunettes around the rotunda of the Capitol building on the second floor for the sum of \$8,000.

At this meeting the Secretary was instructed to obtain from the Des Moines Water Works Company an estimate on water mains surrounding the State Capitol building for the purpose of connecting with the standpipes in the building according to the recommendations of Expert Engineer Fitzhugh Taylor. The result of this investigation was that the Des Moines Water Works Company submitted a proposition to place mains around the Capitol building according to the plans furnished by Fitzhugh Taylor for the sum of \$4,370.22. Mr. O. P. Herrick, of Des Moines, submitted a proposition for the same work for the sum of \$3,950. The contract was awarded to Mr. Herrick on this basis with instructions to proceed at once with the work and have the water main installed before freezing weather. On account of the difficulty in obtaining the necessary pipe for this job the contractor was unable to fulfill his contract before freezing weather, and it was the sense of the Commission that the work would better be left over until the spring of 1906.

On November 18, 1905, the Commission awarded a contract to Younker Brothers, of Des Moines, to furnish plush curtains for the House chamber and shades for the House windows and also committee room windows for the sum of \$376.22.



The galvanized iron fresh air intake in the north pavilions of the House, not having been put in under the original contract which was on a per pound basis, the contract for placing these intakes in the north pavilion was awarded to the Grahl-Petersen Company, for the same price paid for those in the south pavilions, \$171.00.

At the meeting on December 18th contract was awarded to Grahl-Petersen Company for the completion of ventilator connections connecting the executive offices to the ventilation system.

Appended hereto will be found an itemized list of all bills and claims which have been presented to the Commission and paid upon the approval of the Commission, together with the date the claim was paid, the number thereof, the name of the party to whom the money was paid and for what purpose, together with the amount of each claim. Also a detailed statement of the different items for which these different amounts have been expended, and to which they have been charged. It has been my purpose and intention to carry these matters as nearly as possible to their proper department and to charge all items so that the same may be readily understood. It has been quite a difficult matter and has required considerable care to separate from the bills presented the different amounts which should properly be charged to different purposes. I have received the greatest assistance in this particular from Superintendent Crawshaw, who was very careful in his apportionment of labor and material, and to his careful and methodical method in keeping his books.

All of which is respectfully submitted:

F. D. HARSH,  
*Secretary.*



## EXHIBIT "A."

A STATEMENT SHOWING THE TOTAL AMOUNT EXPENDED FOR  
SPECIFIC PURPOSES AND THE PERIOD IN WHICH  
SUCH EXPENSE WAS PAID.

	Amount expended between Dec. 19, 1903 and Feb. 1, 1906	Amount expended prior to Dec. 19, 1903, date of last report	Total Amount expended
A. B. Funk, per diem.....	\$ 795.00	\$ 275.00	\$ 1,070.00
A. B. Funk, expenses.....	1,136.81	381.76	1,518.57
C. A. Cumming, per diem.....	689.50	435.50	1,125.00
C. A. Cumming, expenses.....	269.51	191.75	461.26
E. P. Schoentgen, per diem.....	970.00	567.50	1,537.50
E. P. Schoentgen, expenses.....	1,095.82	577.17	1,672.99
F. D. Harsh, secretary, salary....	1,275.00	630.00	1,905.00
F. D. Harsh, sundry expenses....		27.40	27.40
J. R. Crawshaw, salary as Supt....		1,880.00	1,880.00
General outside painting and re- pairs .....	490.21	4,587.45	5,077.66
Cleaning, repairing and painting roof structural iron.....		1,081.57	1,081.37
Repairs on stone.....		556.26	556.26
Inside painting and repairs.....	135.72	2,594.95	2,730.67
New roof .....	4,107.62	15,105.05	19,212.67
General expenses.....	499.47	138.05	637.52
Storage, warehouse.....	8,627.07	20,772.34	29,399.41
Repairs on elevator shaft and cars	508.85	102.85	611.70
Sundry labor.....	178.34	245.78	424.12
Temporary hatchway.....		26.74	26.74
Steam fitting and repairs on same	17,935.97	14,229.23	32,165.20
Mechanical equipment.....	41,911.43	44,214.03	86,125.46
Tools .....		15.02	15.02
Cutting and patching for electric wiring .....		2,752.39	2,752.39
Electric lighting, including fix- tures and installation.....	16,274.74		16,274.74
Galvanized iron work.....	5,069.11	6,880.96	11,950.07
Heat regulation and ventilation..	1,162.89	2,566.80	3,729.69
Repairing tile floors and new tile.	454.22		454.22
Pipe covering .....	2,346.50		2,346.50
House and Senate call bells.....	353.00		353.00
Vault for Executive Council.....	20.30	11.91	32.21
B. F. Sturtevant Co.....		30.71	30.71
New locks for executive offices and outside doors.....	460.00		460.00
House repairs, including furniture, furnishings and decoration of House wing except committee toilet and cloak rooms.....	105,814.95		105,814.95



## EXHIBIT "A"—CONTINUED

	Amount expended between Dec. 10, 1903 and Feb. 1, 1906	Amount expended prior to Dec. 10, 1903, date of last report	Total Amount expended
Wall painting and decoration of committee toilet and cloak rooms .....	2,595.27	-----	2,595.27
Fire protection .....	5,561.41	-----	5,561.41
Mural decoration and pictorial painting not including House wing .....	60,181.00	-----	60,181.00
Plumbing .....	10,180.02	-----	10,180.02
Flag niches.....	2,687.40	-----	2,687.40
Grand stairway skylight.....	297.88	-----	297.88
Dome gilding.....	8,409.60	-----	8,409.60
Boiler house repairs, alley paving, scales and coal bunkers.....	5,483.45	-----	5,483.45
Grahl-Peterson Co. and Herman & Son .....	16.80	-----	16.80

## EXHIBIT "B."

FUNDS ON HAND AND AMOUNTS TO BE PAID ON SPECIFIC  
CONTRACTS AND ESTIMATES ON WORK TO BE  
COMPLETED.

Completion of decoration of north wing offices (Est.).....	\$ 1,500.00
Grahl-Peterson Co. and Herman & Son, balance on contract.....	3,054.50
Pictorial decoration .....	11,600.00
Water mains to complete fire protection system.....	2,450.00
Office chairs (Est.).....	70.00
Drinking fountains .....	200.00
Hanging hand fire extinguishers (Est.).....	50.00
Tunnel and attic repairs (Est.).....	3,100.00
Gold leaf for decoration.....	130.00
Inscription tablets for flag niches (Est.).....	200.00
Electric wire main for yard lighting.....	495.00
Bills approved for which warrants have not been drawn.....	4,358.21
Estimate for repair to basement floors to be returned to State treasury .....	1,500.00
Contingent balance for Commissioner services, etc (Est.).....	1,159.26
	<u>\$29,866.97</u>
Total amount Exhibit "A".....	\$428,873.03
Total amount Exhibit "B".....	29,866.97
Total amount appropriated by 29th and 30th Gen- eral Assemblies .....	<u>\$458,740.00</u>
	<u>\$458,740.00</u> <u>\$458,740.00</u>



CLAIMS APPROVED BY THE CAPITOL COMMISSION  
FROM DECEMBER 30, 1903, TO AND INCLUDING  
FEBRUARY 1, 1906.

Date	No.	To Whom Paid and For What Purpose	Amount
1903.			
Dec. 30	249	J. R. Crawshaw et al.....	\$ 715.52
	250	F. D. Harsh, salary.....	75.00
1904.			
Jan. 9	251	Catlin, A. W.....	100.00
	252	E. P. Schoentgen, per diem and expense....	308.66
	253	A. B. Funk, per diem and expense.....	259.79
	254	C. A. Cumming, per diem and expense.....	149.60
	255	J. R. Crawshaw, sundry expense.....	5.83
	256	Des Moines Bridge and Iron Works.....	14.57
	257	W. E. Thomas.....	2.70
	258	Barber Asphalt Co.....	10.25
	259	C. W. Rogg.....	40.11
	260	East Side Planing Mill.....	30.00
	261	Des Moines Fuel and Lime Co.....	75.19
	262	O'Dea Hardware Co.....	44.11
	263	Standard Oil Co.....	8.80
	264	Eagle Iron Works.....	5.85
	265	Merchants Transfer Co.....	39.54
	266	Lynch & Larson.....	13.45
	267	Balzer Bros. ....	12.00
	268	Wm. Weisbrod & Co.....	11.00
	269	Wm. Weisbrod & Co.....	4.68
	270	Wm. Weisbrod & Co.....	7.17
	271	L. E. Bolton ....	1.30
	272	J. R. Crawshaw et al.....	276.60
	273	J. R. Crawshaw et al.....	166.31
	274	Wm. Weisbrod & Co.....	6.54
	275	John Swanson ....	39.75
	276	A. W. Catlin.....	100.00
Jan. 30	277	F. D. Harsh, salary.....	60.00
Feb. 15	278	U. S. Encaustic Tile Works.....	344.88
	279	L. H. Kurtz, payroll, steam fitters.....	242.47
	280	L. H. Kurtz, payroll.....	129.25
	281	L. H. Kurtz, payroll.....	122.50
	282	L. H. Kurtz, payroll, steam fitters.....	148.24
	283	O'Dea Hardware Co., material furnished....	42.69
	284	White Line Transfer Co., Mec. Equip. Ctg..	1.63
	285	Blue Line Transfer Co., Fgt. and Ctg.....	52.50
	286	Arthur Frazer Co., engine room lighting..	58.02
	287	Standard Oil Co., candles.....	4.40
	288	Geo. W. Bissell, C. L. L. Est.....	258.84
	289	S. Addington et al, payroll.....	68.88
	290	J. R. Crawshaw, general expenses.....	3.80
	291	Standard Oil Co., candles.....	8.80
	292	Sawyer Man Electric Co., electric lamps..	495.00
	293	F. D. Harsh, general expenditures, Telg., etc.	4.91
	294	East Side Planing Mill, mill work.....	88.00



## CAPITOL COMMISSION

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## CLAIMS ALLOWED, ETC.—CONTINUED.

Date	No.	To Whom Paid and For What Purpose	Amount
	295	L. Harbach, Rep. Cabs. elevator.....	55.00
	296	Twombly & Anderson, sand and cement....	14.80
	297	Des Moines Fuel & Lime Co., cement.....	.96
	298	Garver Hardware Co., locks.....	460.00
	299	L. H. Kurtz, Est. on Mec. Cont.....	25,000.00
	300	L. H. Kurtz, Est. on percentage work.....	9,500.00
	301	F. C. McLain, general expenditures.....	2.40
	302	Aultman & Taylor Co., balance on boiler...	3,541.00
	303	Omaha Hydraulic P. Brick Co.....	279.50
	304	B. F. Sturtevant Co., plans and specifica- tions, balance .....	1,055.66
Feb. 22	305	Grahl-Petersen Co., Galv. I., 5th Est.....	1,198.30
Feb. 29	306	Des Moines Linseed Oil Works.....	24.53
	307	L. H. Kurtz, payroll 2-1 to 2-6.....	99.22
	308	L. H. Kurtz, payroll, 1-25 to 1-30.....	103.50
	309	L. H. Kurtz, payroll, 1-M to 1-16.....	118.00
	310	L. H. Kurtz, payroll, 1-17 to 1-23.....	108.56
	311	L. H. Kurtz, payroll, 2-8 to 2-13.....	36.00
	312	L. H. Kurtz, payroll, 2-15 to 2-20.....	36.00
	313	E. R. Truax et al., payroll.....	220.62
	314	Wm. Weisbrod, sharpening tools.....	1.95
	315	Lynch & Larson, material furnished.....	7.00
	316	J. R. Crawshaw, payroll.....	25.00
	317	Des Moines Fuel & Lime Co., cement and sand .....	73.45
	318	Balzer Bros., sand.....	1.00
	319	Standard Pt. & Glass Co., paints.....	52.90
	320	Grahl-Petersen Co., Est. on Galv. Iron.....	1,000.00
	321	Grahl-Petersen Co., balance on roof contract.	4,107.62
	322	Automatic Heating Co., 50 per cent of Con. Paul System.....	1,117.50
	323	F. D. Harsh, salary February.....	40.00
March 3	324	A. B. Funk, per diem and expenses.....	153.19
	325	F. D. Harsh, copying typewriting, etc.....	10.50
March 4	326	Arthur Franzer Co., House and Senate call bells .....	353.00
	327	O'Dea Hardware Co., hardware.....	5.45
	328	Arthur Franzer Co., Est. on per foot Cont...	4,000.00
March 11	329	E. P. Schoentgen (per diem, \$92.50, expenses \$81.58) .....	174.08
April 5	330	A. B. Funk, per diem and expenses.....	94.81
	331	T. E. McCurdy, refund debris.....	5.80
	332	F. D. Harsh, general expenses.....	7.30
	333	J. H. Queal & Co., lumber.....	216.78
	334	L. H. Kurtz, steam fitters, payroll.....	36.00
	335	L. H. Kurtz, steam fitters, payroll.....	36.00
	336	A. W. Catlin, Est. of C. L. L.....	149.80
	337	A. W. Catlin, Est. of C. L. L.....	147.60
	338	Westinghouse C. Kerr. Co., stokers.....	87.26
	339	Westinghouse C. Kerr. Co., stokers.....	110.09
	340	Des Moines Hard Mortar Co., cement.....	5.60
	341	L. H. Kurtz, steam fitters, payroll.....	26.00
	342	Westinghouse C. Kerr Co., stokers.....	608.00
	343	Sawyer Man, Electric Co., lamps.....	90.00



## REPORT OF THE

## CLAIMS ALLOWED, ETC.—CONTINUED.

Date	No.	To Whom Paid and For What Purpose	Amount
	344	Chicago Gas & Electric Fixture Co., House and Senate fixtures.....	895.37
	345	G. W. Bissell, Est. of C. L. L., testing plant.	238.06
	346	Westinghouse C. Kerr Co., stokers.....	213.76
	347	C. M. Young, payroll.....	14.00
	348	F. D. Harsh, salary March.....	40.00
April 18	349	Capital City Brick & Pipe Co., Bal. on Cont.	8,177.63
May 3	350	C. A. Cumming, per diem, \$72.00; Exp., \$5.55	77.55
	351	E. R. Truax et al., payroll.....	98.64
	352	F. D. Harsh, salary April.....	40.00
May 19	353	H. W. Johns-Manville Co., pipe covering....	446.50
	354	L. H. Kurtz, Mechan. Equip. Bal.....	5,348.00
	355	L. H. Kurtz, payroll steam fitters.....	34.00
	356	L. H. Kurtz, payroll steam fitters.....	35.00
	357	L. H. Kurtz, payroll steam fitters.....	30.00
	358	Des Moines Bridge & Iron Works, grating..	64.40
	359	T. E. McCurdy, sodding.....	12.50
	360	Grahl-Petersen, Est. on Ex. Galv. I.....	1,500.00
	361	Grahl-Petersen, balance on Galv. I. contract.	1,154.70
	362	Kenyon Printing Co., Gen. Exp.....	2.25
	363	Arthur Franzer Co., per ft. work.....	2,633.65
	364	L. H. Kurtz, settlement per cent work.....	3,602.79
June 1	365	F. D. Harsh, salary May.....	40.00
June 24	366	Josselyn Taylor Co., warehouse plans.....	172.14
	367	Automatic Heating Co., Paul system.....	1,117.50
	368	J. R. Crawshaw et al., payroll.....	184.40
	369	F. D. Harsh, sundry expenses.....	8.40
	370	F. D. Harsh, salary June.....	40.00
	371	A. B. Funk, per diem and expenses.....	125.42
	372	E. P. Schoentgen, per diem and expenses....	187.80
July 12	373	J. R. Crawshaw et al., payroll.....	108.20
July 23	374	Arthur Franzer, motor repairs.....	3.90
	375	Arthur Franzer, wire, warehouse and Lts...	137.80
	376	Arthur Franzer, boiler room.....	42.40
	377	Chicago Gas & Electric Co., elevator lamps..	80.00
	378	J. R. Crawshaw, payroll court room.....	186.04
	379	J. K. & W. H. Gilchrest, lumber.....	4.54
	380	O'Dea Hardware Co., hardware.....	1.20
	381	Bolton Transfer, removing boilers.....	80.00
	382	Balzar Bros., sand.....	16.25
	383	Johnson Plaster Co., cement.....	1.50
	384	C. A. Cumming, per diem and expenses.....	100.50
	385	F. D. Harsh, salary July.....	40.00
Aug. 20	386	Des Moines Bridge & Iron Works.....	18.72
	387	L. H. Kurtz, Est. steam work.....	2,000.00
	388	L. H. Kurtz, repairs on porch roofs.....	16.65
	389	O'Dea Hardware Co., hardware.....	9.80
	390	J. H. Queal & Co., lumber.....	2.56
	391	J. R. Crawshaw et al., payroll.....	238.32
	392	C. M. Young, labor.....	6.00
	393	C. A. Cumming, per diem and expenses.....	78.21
Aug. 24	394	J. R. Crawshaw et al., payroll.....	283.71
Aug. 30	395	F. D. Harsh, salary August.....	40.00
Sept. 9	396	Johnson Temperature Controlling Co., extras	1,445.85



## CAPITOL COMMISSION

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## CLAIMS ALLOWED, ETC.—CONTINUED.

Date	No.	To Whom Paid and For What Purpose	Amount
Sept. 10	397	A. B. Funk, \$95.00 per diem.....	225.40
	398	E. P. Schoentgen, per diem and expenses...	273.71
	399	C. A. Cumming, per diem and expenses.....	90.55
	400	F. D. Harsh, sundry expenses.....	13.84
	401	Hallett & Rawson, Est. on plans.....	1,000.00
	402	Stoner Wall Paper Co., stencil court room..	142.69
	403	Stoner Wall Paper Co., stencil court room..	15.30
	404	Stoner Wall Paper Co., stencil court room..	19.50
	405	J. R. Crawshaw et al., payroll.....	436.86
	406	Chas. W. Rogg, paints.....	145.81
	407	J. R. Crawshaw, general expenses.....	3.80
	408	O'Dea Hardware Co., general hardware.....	10.25
	409	Daily Capital, advertising for bids.....	10.00
	410	American Contractor, Exp., Adv. for bids....	18.23
	411	L. Harbach, repairs on desks.....	329.90
	412	Des Moines Hard Mortar Co., cement.....	9.35
Sept. 22	413	J. R. Crawshaw et al., payroll.....	303.93
Oct. 1	414	F. D. Harsh, salary September.....	40.00
Nov. 1	415	F. D. Harsh, salary October.....	40.00
	416	J. R. Crawshaw et al., payroll.....	157.70
Nov. 10	417	Yunker Bros., carpet Sup. court rooms.....	357.09
	418	O'Dea Hardware Co., sundry hardware.....	3.60
	419	Register and Leader, Adv. for bids.....	10.00
	420	Des Moines News Co., Adv. for bids.....	12.00
	421	Beckman Bros., scales.....	127.00
	422	Fitzhugh Taylor, fire protection report.....	74.50
	423	C. W. Rogg, paints.....	56.50
	424	Standard Paint & Glass Co., paints.....	1.90
	425	Balzar Bros., sand.....	.75
	426	Lynch & Larson, plaster.....	.35
	427	Grahl-Petersen Co., repairing copper roof....	680.00
	428	Grahl-Petersen Co., sundry work.....	42.55
	429	Mitchell Vance Co., basement fixtures.....	2,000.00
	430	Chicago Gas & Electric Co., corridor fixtures.	504.50
	431	Iowa Pipe & Tile Co., boiler house.....	8.55
	432	Jacob Miller, labor, boiler house.....	6.00
	433	Sawyer, Mgr. Elec. Co., electric lamps.....	212.00
	434	Carr, Hewitt, Parker & Wright, Atty. fee...	150.00
	435	Arthur Franzer Co., electric light installa- tion and material .....	22.50
	436	Arthur Franzer Co., electric light installa- tion and material .....	317.50
	437	Arthur Franzer Co., electric light installa- tion and material .....	1,439.70
	438	Arthur Franzer Co., electric light installa- tion and material .....	208.70
	439	Grahl-Petersen Co., Bal. on Galv. iron.....	216.11
Nov. 25	440	J. R. Crawshaw et al., payroll.....	124.51
Dec. 1	441	F. D. Harsh, salary November.....	40.00
	442	F. D. Harsh, sundry expenses.....	13.61
	443	Yunker Bros., cutains court room.....	53.50
Dec. 16	444	E. P. Schoentgen, per diem and expenses....	283.17
	445	Stoner Wall Paper Co., stencil court room..	135.24
	446	Grahl-Petersen & Herman & Sons, estimate..	9,000.00
	447	St. Johns Manville Co., pipe covering.....	1,900.00



REPORT OF THE  
CLAIMS ALLOWED, ETC.—CONTINUED.

Date	No.	To Whom Paid and For What Purpose	Amount
	448	J. H. Queal Co., lumber.....	86.48
	449	L. H. Kurtz, tunnel repairs.....	1,420.00
	450	L. H. Kurtz Co., sundry labor and material..	43.15
	451	A. B. Funk, per diem and expenses.....	151.06
	452	J. R. Crawshaw, payroll.....	120.00
	453	F. D. Harsh, December salary.....	40.00
	454	L. H. Kurtz, boiler feed.....	69.50
1905.			
Jan. 13	455	Winslow Elev. Co., extras.....	284.40
	456	Iowa Novelty Brass Co., boiler house.....	52.05
	457	L. H. Kurtz Co., Est. on Galv. iron.....	1,100.00
	458	Des Moines Bridge & Iron Works.....	2,355.55
	459	Chas. Weitz Sons, estimate bunkers.....	4,537.67
	460	Joe Elsasser, labor warehouse.....	6.00
Jan. 20	461	J. R. Crawshaw, payroll.....	120.00
Feb. 5	462	Grahl-Petersen Co. & F. Herman & Son, Est.	11,432.50
	463	F. D. Harsh, salary January, 1905.....	50.00
Feb. 17	464	J. R. Crawshaw, payroll.....	120.00
Feb. 24	465	Hallett & Rawson, boiler house, plans and specifications .....	299.60
March 1	466	F. D. Harsh, salary February.....	50.00
	467	T. E. McCurdy, elevator boiler house.....	100.00
March 16	468	E. E. Garnsey, 1st Est.....	6,000.00
	469	F. D. Harsh, sundry expenses.....	18.49
	469½	A. B. Funk, per diem and expenses.....	211.90
	470	Arthur Franzer Co., Elec. wiring and repairs	75.00
	471	Arthur Franzer Co., Elec. wiring and repairs	145.25
	472	Arthur Franzer Co., Elec. wiring and repairs	121.75
	473	L. H. Kurtz, Est. on standpiping.....	2,000.00
	474	L. H. Kurtz Co., Est. on plumbing.....	2,000.00
	475	L. H. Kurtz Co., Est. on attic repairs.....	1,000.00
	476	Tri City Electric Co., lamp.....	3.25
	477	Grahl-Petersen and Herman & Son, Est.....	11,220.00
	478	Holland & New, paints.....	10.98
	479	Tea Tray Co. of Newark, N. J., fire Exting..	391.00
	480	Bolton Transfer Co., drayage.....	24.96
	481	J. R. Crawshaw, payroll.....	120.00
March 31	482	F. D. Harsh, salary March.....	50.00
	483	Chas. A. Cumming, per diem, \$112.50; ex- penses, \$28.40.....	140.90
April 13	484	E. E. Garnsey, 2d Est.....	10,000.00
April 14	485	L. H. Kurtz Co., locks, house repairs.....	92.10
	486	J. R. Crawshaw et al., payroll.....	175.00
	487	Martin & Culbertson, mill work.....	16.20
	488	Des Moines Bridge & Iron Works, iron re- pairs .....	1.92
	489	Grahl-Petersen Co., Est. on fire doors.....	400.00
	490	Grahl-Petersen Son & Co., Herman & Son, Est	9,350.00
	491	E. P. Schoentgen, per diem and expenses...	322.29
May 1	492	F. D. Harsh, April salary.....	50.00
May 11	493	A. Franzer, conduit work.....	32.00
	494	J. R. Crawshaw et al., payroll.....	173.50
	495	J. R. Crawshaw, expenses.....	7.33
	496	L. Harbach, new desks.....	351.00
	497	L. Harbach, repairs on old desks.....	85.00



## CAPITOL COMMISSION

43

## CLAIMS ALLOWED, ETC.—CONTINUED.

Date	No.	To Whom Paid and For What Purpose	Amount
	498	L. H. Kurtz Co., fire protection.....	1,000.00
	499	L. H. Kurtz Co., attic repairs.....	1,500.00
	500	L. H. Kurtz Co., plumbing.....	1,500.00
	501	Badger Fire Exting. Co.....	7.00
May 18	502	E. E. Garnsey, 3d Est.....	10,000.00
	503	F. D. Harsh, expenses.....	9.50
	504	A. B. Funk, per diem and expenses.....	168.94
May 30	505	F. D. Harsh, salary May.....	50.00
June 15	506	Elmer E. Garnsey, 4th Est.....	10,000.00
June 16	507	L. H. Kurtz Co., balance on fire loss.....	711.88
	508	L. H. Kurtz Co., balance on stand pipe.....	50.45
	509	L. H. Kurtz Co., balance on plumbing.....	1,600.00
	510	Grahl-Petersen and Herman & Son.....	5,850.00
	511	J. R. Crawshaw.....	120.00
	512	Grahl-Petersen Co., balance fire door, rotunda Mldg., Gov. toilet Par., G. panel.....	422.77
June 19	513	Chas. A. Cumming, per diem and expenses...	64.00
June 30	514	F. D. Harsh, salary June.....	50.00
July 14	515	E. E. Garnsey, 5th Est.....	10,000.00
July 15	516	J. R. Crawshaw et al., outside doors.....	220.00
	517	E. P. Schoentgen, per diem and expenses....	355.74
	518	Chas. A. Cumming, per diem and expenses..	165.95
	519	Grahl-Petersen Co., flag niches.....	503.66
	520	Grahl-Petersen Co., flag niches.....	389.09
	521	Arthur Franzer Co., electric fixtures and floor boxes .....	269.36
	522	Arthur Franzer Co., rotunda lights.....	62.80
	523	Grahl-Petersen Co., skylight grand stairway.	289.13
July 31	524	F. D. Harsh, salary July.....	50.00
Aug. 7	525	Bilz & DeFoi, Est. on contract.....	1,190.00
	526	J. R. Crawshaw et al., payroll.....	308.80
	527	Kenyon Cox, estimate on contract.....	800.00
Aug. 18	528	Standard Pt. & Glass, paints.....	23.59
	529	A. B. Funk, per diem and expenses.....	275.90
	530	Gross & McGarraugh, material.....	3.10
	531	J. R. Crawshaw et al., payroll.....	207.20
	532	W. H. Coe & Co., gold leaf.....	225.00
	533	E. E. Garnsey, Est.....	12,000.00
	534	F. D. Harsh, sundry expenses.....	12.85
	535	J. R. Allward Glass Co., skylight, House....	350.00
	536	Holbrook Mantle & Tile Co., Est. on marble.	2,000.00
	537	Grahl-Peterson Co. & Herman Sons, 6th Est.	4,500.00
	538	Grahl-Petersen Co., Est. on niches.....	1,106.33
Aug. 29	539	F. D. Harsh, August salary.....	50.00
Sept. 2	540	J. R. Crawshaw et al., payroll.....	193.75
	541	De Foi Bros., painting.....	100.50
Sept. 16	542	E. E. Garnsey, balance on contract.....	3,500.00
	543	Des Moines Linseed Oil Works.....	28.31
	544	C. A. Cumming, per diem and expenses.....	91.75
	545	Lewis & Wallace, general expenses.....	5.75
	546	F. D. Harsh, salary September.....	50.00
	547	J. R. Crawshaw et al., payroll.....	229.00
	548	H. S. Chase & Co., gasoline.....	1.70
	549	Standard Paint & Glass Co.....	10.88
	550	Bilz & DeFoi, Est. on contract.....	1,500.00



REPORT OF THE  
CLAIMS ALLOWED, ETC.—CONTINUED.

Date	No.	To Whom Paid and For What Purpose	Amount
	551	Buck Bros., paint and color.....	1.65
	552	Holland & New, paint and color.....	1.88
	553	T. E. McCurdy, general expenses, plaster....	2.75
	554	Grahl-Petersen, final on niches.....	505.82
Oct.	7	555 J. R. Crawshaw et al., payroll.....	384.13
	556	W. H. Coe Mfg. Co., gold leaf.....	3,329.37
	557	E. P. Schoentgen, per diem and expenses....	151.37
	558	Gross & McGarraugh, material.....	4.45
	559	Yunker Bros., Inc., carpets, etc.....	1,334.92
	560	Kenyon Cox, 2d Est.....	2,000.00
	561	Edwin H. Blashfield, 1st Est.....	2,500.00
	562	T. E. McCurdy, hauling debris.....	15.37
	563	J. R. Crawshaw, sundries.....	5.05
	564	American Smelting & Refining Co.....	3.00
	565	Grahl-Petersen Co., repairing N. domes.....	765.00
	566	Grahl-Petersen Co., cement skylight, House..	116.00
	567	D. J. Lorane, aluminum leaf.....	11.50
Oct.	17	568 P. P. Fleniken, painting supplies.....	1.90
	569	J. R. Crawshaw et al., payroll.....	412.16
Oct.	28	570 J. R. Crawshaw et al., payroll.....	436.88
	571	F. D. Harsh, general expenses.....	8.90
	572	Standard Paint & Glass Co., material.....	23.65
	573	Standard Paint & Glass Co., material.....	36.94
	574	Buck Bros., paints.....	28.90
	575	Lord & Woodward, paints.....	8.75
	576	C. W. Rogg & Co., paints.....	35.82
	577	DeFoi Bros., painting.....	25.00
	578	Bilz & DeFoi, extra on dome.....	55.00
	579	Bilz & DeFoi, balance on gilding contract...	2,104.03
	580	Bilz & DeFoi, painting ventilators.....	15.00
	581	Hallett & Rawson, plans and specifications flag niches .....	115.00
	582	David J. Brown Mfg. Co., fixtures contract..	1,504.00
	583	Holbrook Mantle & Tile Co., extra.....	14.41
	584	Martin & Culbertson, outside doors.....	5.50
	585	L. H. Kurtz Co., Est. on plumbing.....	2,000.00
	586	A. Franzer Co., (niches) electric lights.....	67.50
	587	A. Franzer Co., House wing, rotunda.....	88.50
	588	F. D. Harsh, salary October.....	50.00
	589	A. B. Funk, per diem and expenses.....	165.40
Nov.	12	590 J. R. Crawshaw et al., payroll.....	496.90
Nov.	18	591 Hallett & Rawson, plans and Spec., Est.....	671.90
	592	Arthur Franzen Co., lamps.....	43.00
	593	Gross & McGarraugh, (Furn.,) material.....	6.42
	594	Arthur Franzen Co., labor and material, toilets .....	108.50
	595	Grahl-Petersen and Herman & Son, Est....	441.50
	596	Grahl-Petersen and Herman & Son, 7th Est. on contract .....	8,000.00
	597	F. Herman & Son, cut out switch box Cont..	436.25
	598	H. S. Chase & Co., gasoline.....	1.70
Nov.	24	599 J. R. Crawshaw et al., payroll.....	659.32
Nov.	29	600 F. D. Harsh, November salary.....	50.00
Dec.	8	601 Edw. H. Blashfield, balance of Est.....	7,500.00



## CLAIMS ALLOWED, ETC.—CONTINUED

Date	No.	To Whom Paid and For What Purpose	Amount
Dec. 11	602	Kenyon Cox, Est. on paintings.....	800.00
	603	Arthur Franzen Co., electric lighting.....	45.85
	604	Arthur Franzen Co., electric lighting.....	297.96
	605	Arthur Franzen Co., electric lighting.....	18.00
	606	L. H. Kurtz Co., balance on plumbing.....	456.37
	607	Mitchell Vance Co., House fixtures.....	2,300.00
	608	Mitchell Vance Co., toilet fixtures.....	14.90
	609	Dempster Mfg. Co., curtain poles.....	14.10
	610	Buck Bros., painting, paints.....	160.84
	611	C. W. Rogg, painting, paints.....	47.03
	612	H. S. Chase & Co., gasoline.....	3.00
	613	W. H. Coe & Co., gold leaf.....	127.80
	614	Buck Bros., painting, paints.....	83.27
	615	Des Moines Fuel & Lime Co., wall painting..	.75
	616	Mansfield Co., table top polish.....	.85
	617	Globe Mach. & Sup. Co., fittings.....	8.75
	618	Grahl-Petersen and Herman & Son, varnish- ing doors .....	15.35
	619	Martin & Culbertson, doors and Furn.....	3.15
	620	Des Moines Hard Mortar Co., lime.....	1.30
	621	Leader Dept. Store, muslin.....	7.17
	622	J. R. Crawshaw et al., payroll.....	770.72
Dec. 20	623	F. D. Harsh, general expenses.....	10.80
	623a	J. R. Crawshaw, payroll.....	846.72
1906.			
Jan. 5	624	J. R. Crawshaw et al., payroll.....	600.56
Jan. 9	625	F. D. Harsh, December salary.....	75.00
	626	R. Phillips et al., payroll.....	151.96
Jan. 20	627	R. Phillips et al., payroll.....	187.59
	628	O. P. Herriek, Est., fire protection.....	1,500.00
Jan. 27	629	F. D. Harsh, expense.....	8.50
	630	Grahl-Petersen Co., ventilation.....	435.00
	631	Grahl-Petersen Co., pavilions Galv. iron.....	170.00
	632	Grahl-Petersen Co., engine room floor.....	278.00
	633	F. D. Harsh, salary January, 1906.....	75.00
Feb. 1	634	Yunker Bros., carpets, House and Commit- tee rooms .....	3,616.21
	635	W. H. Coe Mfg. Co., wall painting.....	3.75
	636	Kenyon Cox, 4th Est. on paintings.....	1,200.00
	637	Morris-Blair Floral Co., general expense....	20.00
	638	Mail & Times Co., 5 pamphlets, general Exp..	11.00
	639	Brown-Hurley Hardware Co., House Rep....	.71
	640	Gross & McGarraugh, general House repairs.	6.80
	641	Des Moines Fuel & Lime Co., painting walls.	.35
	642	Thos. Harris, mirrors, elevators.....	24.25
	643	Arthur Franzen Co., lamps and plumbing...	13.75
	644	Arthur Franzen Co., House desk repairs..	63.62
	645	Arthur Franzen Co., House repairs; desk bells .....	99.15
	646	J. H. Queal & Co., paper protection Wall 7 fin.	8.63
	647	Mitchell Vance Co., fixtures, House and cor- ridors .....	475.00



## REPORT OF THE CAPITAL COMMISSION

## CLAIMS ALLOWED, ETC.—CONTINUED.

Date	No.	To Whom Paid and For What Purpose	Amount
	648	H. S. Chase & Co., Ptg., gasoline.....	.90
	649	Balzar Bros., sand.....	1.00
	650	Yunker Bros., draperies, House.....	372.56
	651	Chase & West, upholstery repairs, House furniture .....	374.91
	652	L. Wolff Trnfg. Co., plumbing fixtures.....	60.09
	653	Buck Bros., wall painting, paints.....	150.32
	654	A. H. Andrews Co., contract gallery chairs..	2,000.00
			<u>\$ 307,994.86</u>



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SUPPLEMENTAL REPORT  
OF THE  
IOWA CAPITOL COMMISSION  
MADE TO  
THE GOVERNOR OF THE STATE  
OCTOBER 18, 1907

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## LETTER OF TRANSMITTAL.

DES MOINES, IOWA, Oct. 18, 1907.

*Honorable A. B. Cummins, Governor of Iowa.*

DEAR SIR: The supplemental report of the Iowa Capitol Commission, covering its acts and expenditures since the report made to you March 10, 1906, is herewith submitted.

Having completed the work of repairing, improving and adorning the Capitol building, as nearly as practicable in compliance with law, we respectfully tender our resignations as members of the Iowa Capitol Commission, to take effect immediately.

In this connection we desire to express our appreciation of your enduring and helpful co-operation during the entire period of our service.

Very respectfully,

A. B. FUNK,  
CHAS. A. CUMMING,  
E. P. SCHOENTGEN.



SUPPLEMENTAL REPORT OF THE IOWA CAPITOL COM-  
MISSION, MADE TO THE GOVERNOR OF THE  
STATE, OCTOBER 18, 1907.

*To the Honorable Albert B. Cummins, Governor of the State of Iowa..*

DEAR SIR: On the 10th day of March, 1906, we filed in your office the second report of the Iowa Capitol Commission, in which it was assumed that would be the final report of the Commission, except that a supplemental statement would be submitted, covering the transactions of the Commission from that date to the closing of our labors. This statement we will now make.

The rooms of the Clerk of the Supreme Court and of the Department of Agriculture were decorated under direction of the Commission.

The eight lunettes in the rotunda of the Capitol, for which contract had been entered into with Kenyon Cox, have been accepted and placed in position.

The six mosaic panels above the grand staircase were delivered early in July of this year, and are in position. These works of art were highly pleasing to the Commission, and the common judgment of critics has been so favorable as to afford us much satisfaction. It is the opinion of those who may be assumed to know, that this continent does not contain any finer specimens of mosaic art in mural decoration than those we have installed, from the hands of Frederick Dielman.

When the waterproofing of the tunnel between the Capitol and the power house was undertaken, and the pavement removed in preparation for the work, it was deemed advisable to reinforce the springing line of the tunnel arch of the vault by heavy concrete abutments, in such manner that the abutments receive the jar of overhead traffic, and thus prevent a recurrence of the opening of seams or joints in the tunnel, especially at points under the street car rails. This extra concrete work somewhat increased the cost of the tunnel repairs, but the same was still completed safely within the appropriation.



A new cinder concrete floor has been placed over the entire attic arches, above the Senate wing, and substantial gas pipe railings were placed around all ceiling lights, where same occur at attic floor level, thus insuring more safety to those whose duty requires them to traverse these attic rooms frequently.

### RECOMMENDATIONS.

Artists Blashfield, Dielman and Cox, following the well established custom, took copyrights on their pictures in the Capitol, in order to preserve the dignity and seriousness of their works against abuses in the way of poor reproductions, or reproductions for advertising purposes. The Capitol Commission has engaged with the artists to transfer their copyrights to the State. It is our opinion that control of all grants for reproduction should be vested in some State officer of discriminating ability—perhaps the State librarian. There should be no objection on the part of the State to the making of high grade reproductions of these paintings for proper use. Indeed, it should be deemed desirable to afford wide circulation to such reproduction. In our judgment, care should be exercised to avoid the vesting of exclusive rights in any individual, firm or corporation, the purpose being to encourage high grade reproductions of this excellent art work, and to prevent prostitution to improper use.

At the date of the last report, it was the purpose of the Commission to complete its labors before the first of July, 1906. This was not practicable for the reason that the art work of Frederick Dielman, though contracted for in advance of all other pictorial work, was not ready for delivery. Since that date, the Commission has existed, at expense merely nominal, to permit us to fulfill our obligation with Mr. Dielman and the State, in the acceptance and installation of the mosaic panels.



LIST OF CLAIMS ALLOWED AND PAID BY THE CAPITOL  
COMMISSION SINCE MARCH 1, 1906.

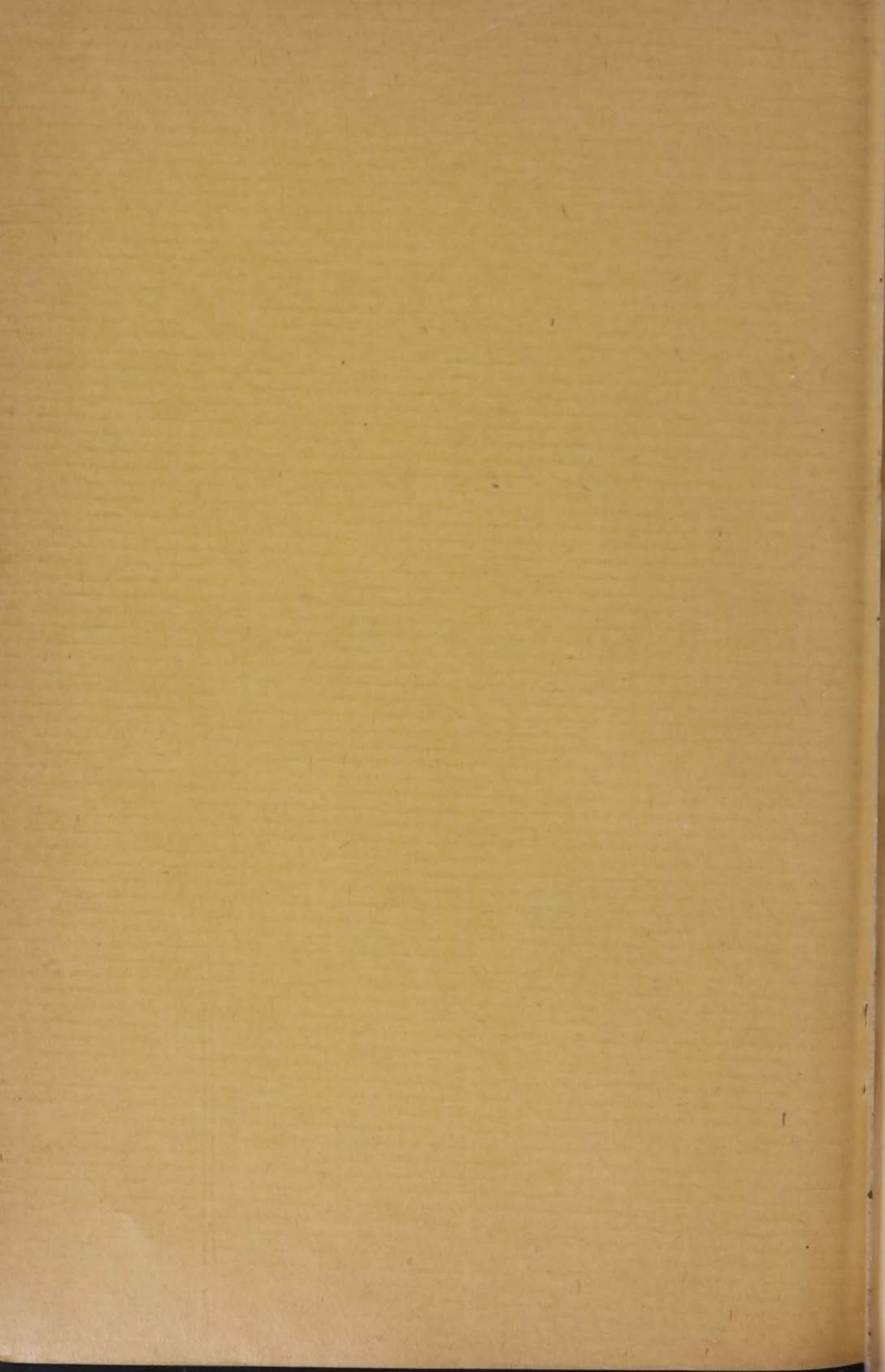
Date	No.	To Whom Paid and For What Purpose	Amount
1906.			
March 1	655	F. D. Harsh, salary for February.....	\$ 75.00
March 9	656	E. P. Schoentgen, per diem and expenses....	226.67
	657	Holbrook Mantel & Tile Co.....	159.60
	658	Standard Paint & Glass Co.....	15.00
	659	C. W. Rogg, paints and supplies.....	5.70
	660	American Express Co.....	7.22
	661	East Side Planing Mill.....	13.20
	662	Garver Hardware Co.....	53.00
	663	T. A. Mansfield Co.....	1.70
	664	L. H. Kurtz, changing basin cocks.....	59.48
	665	L. H. Kurtz, plumbing repairs.....	149.28
	666	L. Harbach, fifteen new chairs.....	307.50
	667	Bolton Hardware Co.....	1.00
	668	Buck Bros., paints and supplies.....	7.70
	669	D. M. Hard Mortar Co., sand and cement..	4.75
	670	F. D. Harsh, general expense.....	11.55
	671	Kenyon Cox, 5th Est. on contract.....	1,600.00
	672	Elenor Hutchinson, copy of report.....	24.00
March 23	673	A. B. Funk, per diem and expenses.....	196.87
	674	Arthur Franzer & Co., electric lighting.....	160.10
	675	J. L. Mott Iron Works, drinking fountains..	140.52
	676	W. H. Coe & Co., gold leaf.....	129.60
	677	Grahl-Petersen Co., heating and ventilating and fire protection.....	175.30
	678	F. D. Harsh, salary for March.....	75.00
April 30	679	Kenyon Cox, balance on contract.....	1,600.00
	680	B. W. Mowery et al., payroll.....	143.19
	681	F. D. Harsh, salary for April.....	75.00
May 5	682	E. P. Schoentgen, per diem and expenses....	192.34
	683	Buck Bros., paints.....	42.84
	684	Bilz Sign Co., gold leaf.....	24.75
	685	W. H. Coe & Co., gold leaf.....	50.40
	686	Leader Dept. Store, muslin.....	1.25
May 23	687	J. L. Mott Iron Works, toilet trimmings....	13.00
	688	B. W. Mowery et al., payroll, painting.....	235.90
	689	F. D. Harsh, sundry expenses.....	7.95
	690	People's Furniture Store, mirror.....	12.00
May 28	691	B. W. Mowery et al., payroll, painting.....	221.40
	692	F. D. Harsh, salary for May.....	75.00
June 21	693	L. H. Kurtz Co., water pipe contract.....	188.43
	694	Yunker Bros., curtain rings.....	85.80
	695	Buck Bros., boiler house contract and paints	90.83
	696	D. M. Edison Light Co., current.....	54.41
	697	Frederick Deilman, 1st Est. on contract.....	2,300.00



## CLAIMS ALLOWED AND PAID, ETC.—CONTINUED

Date	No.	To Whom Paid and For What Purpose	Amount
June 29	698	B. W. Mowery et al., payroll.....	272.00
	699	O. P. Herrick, 2d Est. on water mains.....	2,000.00
	700	C. W. Rogg Co., paints.....	4.00
	701	Buck Bros. ....	.66
	702	F. D. Harsh, sundry expenses.....	2.00
	703	F. D. Harsh, salary for June.....	75.00
	704	Chase & West, chairs.....	60.00
	705	Joe Shephard, labor.....	4.16
	706	W. C. Kinney, labor.....	8.23
	707	Grahl-Petersen Co., hose racks.....	43.75
	708	Grahl-Petersen Co., attic floor contract.....	1,621.00
	709	Grahl-Petersen Co., scaffold.....	131.20
	710	Ewing & Jewett, materials.....	1.00
	711	Chas. S. Raddin, expert work.....	25.00
	712	A. B. Funk, per diem and expenses.....	197.28
	713	L. H. Kurtz & Co., sundry hardware.....	24.35
	714	E. P. Schoentgen, per diem and expenses....	111.04
	715	Holbrook Mantel & Tile Co.....	1,250.00
Aug. 7	716	J. K. & W. H. Gilchrest Lbr. Co., scaffold....	66.45
	717	J. L. Mott Iron Works, plumbing supplies..	59.48
	718	C. E. McCray, enamel plates.....	1.20
Dec. 22	719	Adams Express Co.....	2.40
	720	Grahl-Petersen Co., tunnel repairs.....	555.67
	721	Grahl-Petersen Co. and Herman & Son, bal- ance on contract.....	3,054.50
	722	Grahl-Petersen Co., reflectors.....	153.00
	723	O. P. Herrick, balance on contract.....	350.00
1907.			
Feb. 1	724	Law & Burkman, inscription tablets.....	165.32
	725	C. A. Cumming, per diem and expenses.....	123.75
	726	F. D. Harsh, salary 7-1 to 12-31-6.....	100.00
July 5	727	Holbrook Mantel & Tile Co., balance on Cont.	336.90
	728	Frederick Deilman, 2d Est. on contract.....	1,800.00
	729	Frederick Deilman, 3d Est. on contract.....	5,900.00
	730	E. P. Schoentgen, per diem and expenses....	109.58
	731	Grahl-Petersen Co., flag niches.....	33.00
Oct. 18	732	Metal Construction Co., scaffold.....	114.70
	733	Metal Construction Co., chest for records...	6.50
	734	Martin-Culbertson Co., reading desk.....	15.00
	735	Des Moines Marble & Mantle Co., marble re- pairs .....	135.00
	736	Chas. A. Cumming, per diem and expenses..	156.00
	737	A. B. Funk, per diem and expenses.....	90.45
	738	E. P. Schoentgen, per diem and expenses...	69.79
	739	F. D. Harsh, per diem and expenses.....	43.81







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