

## DISTRICT NO. 22.

CHARLES HALL, <i>Surveyor</i> ,		DR.
To appropriation, 1874,		\$75.00
CR.		
By labor of Charles Hall,		73.50
		<hr/>
Balance unexpended,		\$1.50

## DISTRICT NO. 23.

ISAAC N. ABBOTT, <i>Surveyor</i> ,		DR.
To appropriation, 1874,	\$125.00	
cash in hands of surveyor, 1873,	5.80	
	<hr/>	\$130.80
CR.		
By labor of Isaac N. Abbott,	\$24.50	
John E. Proctor,	1.75	
Isaac H. Proctor,	2.62	
Frank G. Proctor,	7.00	
J. E. Baker,	9.62	
J. S. Abbott,	3.50	
D. K. Abbott,	3.00	
F. S. Corlis,	4.37	
S. L. Baker,	4.37	
Stephen Currier,	1.75	
Paid for plank,	6.75	
	<hr/>	\$69.23
		<hr/>
Balance unexpended,	\$55.80	
Cash in hands of surveyor,	5.77	
	<hr/>	\$61.57

## DISTRICT NO. 24.

JESSE H. GOODWIN, <i>Surveyor</i> ,		DR.
To appropriation, 1874,	\$45.00	
cash in hands of Joseph E. Brown, 1873,	2.83	
	<hr/>	\$47.83
CR.		
By labor of Jesse H. Goodwin,	\$19.24	
Andrew S. Smith,	.87	
Joseph E. Brown,	8.75	
	<hr/>	\$28.86
		<hr/>
Balance unexpended,	\$10.00	
Cash in hands of Joseph E. Brown,	2.83	
“ “ surveyor,	6.14	
	<hr/>	\$18.97

## DISTRICT NO. 25.

	DR.	
Moses B. ABBOTT, <i>Surveyor</i> ,		
To appropriation, 1874,	\$100.00	
transferred from appropriation for roads and bridges,	10.70	
	<hr/>	\$110.70
CR.		
By labor of Charles Flanders and men,	\$10.70	
Moses B. Abbott,	49.66	
William Abbott,	8.75	
Ira Abbott,	5.25	
Frederick Clough,	4.00	
J. C. and J. F. Wheeler,	5.25	
Charles Abbott,	.87	
William W. Clark,	1.75	
David L. Sanders,	1.75	
John L. Gordon,	7.87	
Andrew Watson,	8.62	
John Rowell,	1.75	
M. T. Ladd, for plank,	4.48	
	<hr/>	\$110.70

## DISTRICT NO. 30.

	DR.	
FRANK B. CARTER, <i>Surveyor</i> ,		
To appropriation, 1874,	\$60.00	
transferred from appropriation for roads and bridges,	12.90	
	<hr/>	\$72.90
CR.		
By labor of Elbridge Diamond and men,	\$12.90	
Timothy Carter,	12.50	
David Carter,	13.50	
William Broad,	3.00	
Frank H. Currier,	6.00	
F. B. Carter,	25.00	
	<hr/>	\$72.90

## DISTRICT NO. 31.

	DR.	
ROBERT K. LOUGEE, <i>Surveyor</i> ,		
To appropriation, 1874,	\$20.00	
unexpended balance, 1873,	44.53	
	<hr/>	\$64.53
CR.		
By labor of R. K. Lougee,	\$28.87	
Hiram Davis,	9.62	
Samuel E. Clifford, grade,	3.00	
	<hr/>	41.49
Balance unexpended,		<hr/> <hr/> \$23.04

## DISTRICT NO. 32.

	DR.	
JOHN T. GILMAN, <i>Surveyor</i> ,		
To appropriation, 1874,	\$45.00	
unexpended balance, 1873,	7.25	
	<hr/>	\$52.25
CR.		
By labor of John T. Gilman, breaking roads,	\$5.25	
John T. Gilman,	21.75	
L. R. Hines,	7.50	
Geo. Holt,	3.00	
M. G. Boyce,	1.50	
	<hr/>	39.00
Balance unexpended,		<hr/> \$13.25

## DISTRICT NO. 33.

	DR.	
ROBERT H. POTTER, <i>Surveyor</i> ,		
To appropriation, 1874,	\$50.00	
cash in hands of Harrison Bean,	8.50	
transferred from appropriation for roads and bridges,	37.89	
	<hr/>	\$96.39
CR.		
By labor of Harrison Bean,	\$8.50	
Robert H. Potter,	33.74	
G. T. Abbott,	20.87	
W. Hazelton,	2.96	
W. L. Batchelder,	1.75	
J. Henrahen,	2.62	
D. Webster,	2.50	
J. Sanders,	1.75	
Henry Bean,	3.50	
W. A. Bean,	15.25	
S. Dustin,	1.75	
J. P. Batchelder, plank,	1.20	
	<hr/>	\$96.39

## DISTRICT NO. 34.

	DR.	
CHARLES GRAHAM, <i>Surveyor</i> ,		
To appropriation, 1874,	\$50.00	
CR.		
By labor of Charles Graham,	\$19.38	
George Graham,	19.25	
John W. Bourlet,	7.00	
Andrew Moody,	4.37	
	<hr/>	\$50.00

## SPECIAL APPROPRIATIONS.

## SCHOOL-HOUSE TAXES.

Unexpended balance, district No. 12, 1873,	\$1,123.64	
Appropriation, district No. 12, 1874,	1,060.00	
Union district, 1874,	8,000.00	
"    for side-walks,	1,000.00	
district No. 13,	700.00	
"    3,	389.45	
"    20,	200.00	
"    8,	40.00	
		<u>\$12,513.09</u>
Paid as follows:		
Aaron Tay (1873), district No. 12,	\$1,123.64	
John Hargate, " 8,	40.00	
Daniel Holden, " 3,	389.45	
Albert Stevens, " 13,	700.00	
Aaron Tay, " 12,	1,060.00	
Frank A. Abbott, " 20,	200.00	
P. B. Cogswell, Union district,	1,000.00	
John Kimball and Enoch Gerrish, Union district,	8,000.00	
		<u>\$12,513.09</u>

## HOSE CARRIAGE HOUSES, AND WARD SIX WARD HOUSE.

Appropriation, 1873,	\$12,000.00	
Of this sum there was assessed in 1874,	\$11,500.00	
Brick sold,	56.80	
		<u>\$11,556.80</u>

Paid as follows:		
For Alert house, report of 1874, page 28,	\$2,439.33	
For Good Will and ward houses, page 29,	6,668.22	

John H. Morse, gas, water-pipes, and fixtures,	\$158.77	
Webster & Morgan,	1,101.31	
William Vogler, furniture,	63.50	
E. B. Hutchinson, laths,	26.12	
Geo. Goodhue, gas fixtures,	129.45	
G. W. Emerton, stone work,	469.62	
Connell & Savory, painting,	28.45	
Hammond & Ayers,	67.25	
Gust. Walker, hardware,	15.30	

Ward, Humphrey & Dodge, hardware,	\$31.49	
Andrew Bunker, blinds,	11.50	
R. C. Danforth, stove fixtures,	17.56	
B. W. Sanborn & Co., cement pipe,	28.80	
Stevens & Dunklee, funnel,	8.45	
M. H. Johnson, pay-roll,	108.75	
	<u>2,266.32</u>	
		<u>11,373.87</u>
Balance unexpended,		182.98

## FISHERVILLE BRIDGE.

Appropriation, May 31, 1873 (not assessed),	\$12,000.00	
Appropriation, May 31, 1874,		10,000.00
Paid as follows:		
Abijah Hollis, for stone,	\$298.34	
H. M. Fuller, "	172.31	
Annis & Bond, "	97.56	
Putney & Chadwick, "	31.18	
Granite Railway Co., "	181.14	
Reed & Blanchard, "	65.00	
Roberts & Crowley, "	5.62	
Harrison Partridge, drawing stone,	377.73	
George F. Sanborn, "	112.20	
John Edwards, pay-rolls,	3,252.87	
Gust. Walker, supplies,	64.73	
Hutchins & Co., cement,	50.60	
Asa H. Morrill, pay-roll, labor for grading and teaming, and cash paid for lumber and supplies,	618.71	
Canton Wrought Iron Bridge Co.,	11,700.98	
	<u>\$17,028.97</u>	
Amount to be raised by taxation in 1875,		\$7,028.97

## SEWALL'S FALLS BRIDGE.

Appropriation, 1873,	\$10,000.00	
" 1874,	4,500.00	
	<u>\$14,500.00</u>	
Paid as follows:		
In 1873 (see report of 1874, page 30),	\$6,661.59	
Dutton Woods, 1873,	1,500.00	
" balance of contract,	6,250.00	
[For particulars see agent's report.]	<u>14,411.59</u>	
Balance unexpended,		\$88.41

## WARREN STREET FIRE ENGINE HOUSE.

Appropriation, May 30, 1874,	\$10,000.00	
Received on account of sewerage,	34.46	
"    for house sold,	660.00	
"    for land sold on State street,	1,000.00	
	<u>          </u>	\$11,694.46
Paid as follows :		
F. J. Batchelder, for land,	\$3,700.00	
"                  taxes, 1874,	47.52	
A. J. Prescott, for land,	740.00	
J. C. Dunklee,    "	2,035.00	
	<u>          </u>	\$6,522.52
Balance unexpended,		<u>          </u> \$5,171.94

## CITY PROPERTY, FEB. 1, 1875.

City Hall lots, and half the building,	\$40,000.00
City Farm,	15,000.00
Personal property at farm, per appraisal,	4,157.19
Gravel lots at East Concord,	250.00
Gravel lot on Washington street,	2,000.00
Lot on Warren and Liberty streets,	700.00
Land and buildings on Warren street,	8,000.00
Receiving tomb,	350.00
Furniture in City Hall building,	200.00
Furniture in clerk's office,	100.00
Furniture in marshal's office,	100.00
Furniture in collector's office,	100.00
Tools in hands of superintendent of highways,	1,000.00
Five horses,	850.00
Stable and shed,	200.00
Harnesses and stable fixtures,	350.00
Street sprinklers, pipes, and fixtures,	500.00
Coal at City Hall building,	20.00
Wood at City Hall building,	20.00
Legacy of Abial Walker, for schools,	1,000.00
Legacy of G. P. Lyon, for library,	1,000.00
Legacy of Franklin Pierce, for library,	1,000.00
Property in hands of fire department,	46,237.90
City storehouse and lot,	5,000.00
Land in Ward 2,	500.00
Ward house, Ward 2,	1,000.00
Ward house, Ward 6,	6,000.00
City library,	5,000.00
	<u>          </u>
	\$140,635.09

## APPROPRIATIONS FOR 1874.

For support of paupers,	\$2,400.00
Committee services,	900.00
Fire department,	9,500.00
Water for fire department,	7,400.00
Incidental expenses and land damages,	5,000.00
Roads and bridges,	10,000.00
Police and watch,	3,000.00
Printing and stationery,	800.00
Salaries,	5,000.00
Interest on city debt,	16,540.00
Payment of city bonds,	11,000.00
City library,	500.00
Support of schools,	18,000.00
Schools in Union district,	7,000.00
School-houses,	11,389.45
Sewers and drains,	10,000.00
Interest on Water-works debt,	7,000.00
Highway districts,	10,000.00
Interest on precinct bonds,	3,350.00
Lighting streets,	2,800.00
Professional services,	600.00
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	\$142,179.45

## SPECIAL APPROPRIATIONS.

Contoocook River bridge,	\$10,000.00
Sewall's Falls bridge,	4,500.00
Ward and hose houses,	11,500.00
East Concord cemetery,	500.00
Warren street fire engine house,	10,000.00
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	\$36,500.00

## CITY DEBT AND ASSETS.

## FUNDED DEBT, PAYABLE AS FOLLOWS:

When due.	Rate of int.	Payable.	Amount.
April 1, 1874.	6	matured	\$300
Jan. 1, 1875.	6	matured	2,000
April 1, 1875.	6	semi-annually	3,000
Jan. 1, 1876.	6	annually	6,500
April 1, 1876.	6	semi-annually	3,000
Jan. 1, 1877.	6	annually	8,000
April 1, 1877.	6	semi-annually	3,000
Jan. 1, 1878.	6	annually	7,000
Jan. 1, 1878.	5	annually	6,000
Jan. 1, 1879.	6	annually	3,000
April 1, 1879.	6	semi-annually	4,000
Jan. 1, 1880.	6	annually	8,000
April 1, 1880.	6	semi-annually	3,000
Jan. 1, 1881.	6	annually	7,500
April 1, 1881.	6	semi-annually	3,000
Jan. 1, 1882.	6	annually	5,000
April 1, 1882.	6	semi-annually	4,000
Jan. 1, 1883.	6	annually	5,000
Jan. 1, 1883.	5	annually	6,000
Jan. 1, 1884.	6	annually	2,000
April 1, 1884.	6	semi-annually	7,000
Jan. 1, 1885.	6	annually	2,000
April 1, 1885.	6	semi-annually	5,000
Jan. 1, 1886.	6	annually	1,500
April 1, 1886.	6	semi-annually	1,000
Jan. 1, 1887.	6	annually	1,500
Oct. 1, 1887.	6	semi-annually	10,000
Jan. 1, 1888.	6	annually	1,000
Oct. 1, 1888.	6	semi-annually	8,500
Jan. 1, 1889.	6	annually	2,000
Oct. 1, 1889.	6	semi-annually	10,000
Jan. 1, 1890.	6	annually	2,000
Oct. 1, 1890.	6	semi-annually	10,000
Jan. 1, 1891.	6	annually	1,000
Oct. 1, 1891.	6	semi-annually	6,250
Oct. 1, 1892.	6	semi-annually	2,000
Oct. 1, 1893.	6	semi-annually	4,250
Oct. 1, 1894.	6	semi-annually	4,000
Oct. 1, 1895.	6	semi-annually	3,000
			\$171,300

Funded debt brought forward,	\$171,300.00
State House bonds, 6 per cent. in gold, semi-annually, due May 1, 1885,	95,400.00
State House precinct bonds, 6 per cent. in gold, semi-annually, due Dec. 1, 1885,	50,000.00
Interest, including coupons, due and unpaid,	5,820.00
	<hr/>
Amount of funded debt Feb. 1, 1875,	\$322,520.00

#### FLOATING DEBT AND OUT-STANDING CLAIMS.

Notes,*	\$11,500.00	
Interest,	361.18	
	<hr/>	\$11,861.18
Due for salaries and committee service,	\$2,500.00	
Due school districts,	246.17	
Due for unpaid orders,	427.82	
Other claims estimated,	1,000.00	
	<hr/>	\$4,173.99
		<hr/>
Debt, not including water-works, Feb. 1, 1875,		\$338,555.17

#### AVAILABLE ASSETS.

Cash in city treasury,	\$12,616.33	
Due from tax list, 1873,	1,000.00	
Due from tax list, 1874,	30,504.52	
Due from Merrimack county,	1,966.00	
Invested in liquor agency,	802.17	
Water-works bonds at par,	27,500.00	
Interest on same,	550.00	
Due from Blossom Hill Cemetery,	5,019.70	
	<hr/>	\$79,958.72
		<hr/>
Indebtedness above assets Feb. 1, 1875,		258,596.45
Indebtedness above assets Feb. 1, 1874,		267,778.70
		<hr/>
Decrease of indebtedness for the year,		\$9,182.25

\*\$11,500 has been borrowed: to pay for land on Warren street, \$6,000; addition to Blossom Hill Cemetery, \$3,500; and amount paid J. B. Palmer, \$2,000.

## POLLS, VALUATION, AND TAXES ASSESSED.

The number of polls, and the tax assessed on the real and personal estate in the city of Concord since 1860:

Year.	No. of Polls.	Valuation.	Tax.
1860	2,577	\$4,307,192	\$47,082.25
1861	2,497	4,423,936	46,290.48
1862	2,350	4,308,568	50,945.01
1863	2,454	3,775,206	60,293.82
1864	2,539	3,832,800	89,931.97
1865	2,495	5,549,002	158,787.29
1866	2,762	4,984,082	116,192.97
1867	2,822	5,006,774	145,173.49
1868	3,120	5,378,365	126,889.71
1869	3,205	5,581,459	146,791.64
1870	3,187	5,751,928	133,953.94
1871.	Polls.	Valuation.	Tax.
Ward 1,	405	\$553,668	\$11,887.42
2,	230	322,164	8,493.00
3,	188	284,872	5,220.07
4,	783	1,324,276	32,296.69
5,	643	1,613,241	39,018.50
6,	732	1,245,188	30,094.40
7,	357	426,037	8,228.93
Non-resident,		112,487	2,605.69
	3,338	\$5,891,993	\$137,844.70
1872.	Polls.	Valuation.	Tax.
Ward 1,	419	\$516,521	\$10,379.56
2,	251	290,839	8,123.49
3,	217	251,589	5,370.55
4,	861	1,244,321	30,268.21
5,	728	1,688,134	40,857.85
6,	901	1,407,824	34,750.01
7,	390	370,881	8,354.29
Non-resident,		147,145	3,019.01
	3,767	\$5,917,054	\$141,122.97
1873.	Polls.	Valuation.	Tax.
Ward 1,	439	\$818,435	\$12,044.47
2,	219	381,532	7,196.69
3,	188	380,088	5,721.93
4,	861	1,943,302	35,326.70
5,	730	2,707,238	48,778.06
6,	789	2,188,426	38,610.42
7,	387	593,629	8,131.65
Non-resident,			2,471.21
	3,613	\$9,012,650	\$158,281.13
1874.	Polls.	Valuation.	Tax.
Ward 1,	422	\$805,608	\$11,340.85
2,	225	388,990	7,026.93
3,	211	357,770	5,322.76
4,	854	1,993,632	39,008.44
5,	736	2,693,625	53,137.14
6,	833	2,198,626	43,538.19
7,	473	564,275	8,949.07
Non-resident,			2,722.23
	3,784	\$9,000,526	\$171,045.61

## THIRD ANNUAL REPORT

OF THE BOARD OF WATER COMMISSIONERS TO THE CITY  
COUNCIL OF THE CITY OF CONCORD, N. H., FOR THE  
YEAR ENDING DECEMBER 31, 1874.

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### BOARD OF WATER COMMISSIONERS.

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JOHN KIMBALL, Mayor, *ex officio*.

ABEL B. HOLT, . . . . .	to March 31, 1877.
JOHN S. RUSS, . . . . .	to March 31, 1877.
JOHN ABBOTT, . . . . .	to March 31, 1876.
EDWARD L. KNOWLTON, . . . . .	to March 31, 1876.
JOHN M. HILL, . . . . .	to March 31, 1875.
BENJAMIN A. KIMBALL, . . . . .	to March 31, 1875.

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### OFFICERS.

B. A. KIMBALL, *President*.

E. L. KNOWLTON, *Clerk*.

CHARLES C. LUND, *Consulting Engineer*.

V. C. HASTINGS, *Superintendent*.

## REPORT.

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*To the City Council:*

The Board of Water Commissioners present this their third Annual Report for the year ending December 31, 1874.

The liability of the city for Water-works to January 1, 1875, as appears by the treasurer's books, is as follows:

Bonds issued.....	\$263,000.00	
Interest on the same due Oct. 1 and not paid.....	309.00	
Accrued interest on bonds to Jan. 1, not yet due.....	3,945.00	
Notes outstanding.....	105,950.00	
Accrued interest on notes to Jan. 1.....	3,025.00	
Total.....	\$376,229.00	
Deduct cash on hand.....	\$15,214.82	
Amount due for water rents Dec. 31, 1875, since collected.....	2,214.44	
Collected on construction account.....	506.29	
Precinct tax assessed in April, 1874.....	7,000.00	\$24,935.55
Making total cost of works.....	\$351,293.45	

This amount will be reduced by payment for hydrant service, when collected, amounting to \$6,283.33.

The demand for water supply during the past season necessitated extensions, both in street mains and service pipes, involving very considerable expense not contemplated at the commencement of the year. These are so complete that it is believed comparatively slight additions will be required for the coming year. Under these circumstances the Board think proper that the construction account should be closed at the amount of \$350,000, and that the indebtedness for the works, which has not already been provided for by the issue of bonds, be funded, in like manner, to the amount above stated.

The yearly income from the water rents, will, in a short time, probably be sufficient to meet all the ordinary expenses of the

works and the interest on the bonded debt; and we recommend that any deficiencies which may arise, and all costs of future extensions, be provided for by direct taxation.

Subjoined are the receipts and disbursements for the year. They include the discharge of all existing obligations against the works, both for maintenance and construction :

#### RECEIPTS.

Amount received on regular rates, as per register, from Jan. 1, 1874, to April 1, 1875.....	\$15,157.77
Amount received for extra per cent. from delinquents.....	47.95
“ for building purposes .....	109.92
“ for water rents due in 1878.....	2,347.87
“ for rents from Torrent Aqueduct line from Oct. 1, 1873, to July 1, 1874.....	2,212.48
“ for rent of meters to Oct. 1, 1874.....	11.42
“ for rent of stable at dam.....	26.67
Amount of precinct tax.....	7,000.00
Total.....	<u>\$26,914.08</u>

#### DISBURSEMENTS.

For maintenance and care of works.....	\$1,808.52
“ extensions of distributing pipes, 6-inch and 4-inch.....	2,554.60
“ “ “ 1-inch and $\frac{3}{4}$ -inch.....	2,900.60
“ service pipes.....	4,839.18
“ Long Pond works.....	2,292.58
“ flowage on the shores of Long pond.....	900.00
“ amount paid Torrent Aqueduct Co. and Nathaniel White...	20,000.00
“ interest on the same.....	1,457.80
“ buildings and water privilege of Farnum & Humphrey.....	5,000.00
“ Cooledge land and water rights.....	5,500.00
“ meters.....	283.30
“ general construction.....	1,249.27
“ pipe purchased and on hand .....	324.60
Total.....	<u>\$49,110.45</u>

## REVENUE.

The collection of water rents, which, under the rule, are required in advance, has been made by the superintendent to April 1, 1875. The rates established by the Board in July last, and the rules regulating the payment of water rents, have been complied with cheerfully by our citizens, and we have not in a single instance been obliged to cut off a supply for non-payment. It is also worthy of notice that for the past year the entire amount of water rents has been collected, with the exception of that for public hydrant service. During the year 718 new consumers have been entered on the register, besides several manufacturing and other establishments, not registered, which are supplied through meters, increasing the amount of receipts from water rents for the ensuing year to \$20,033, including the charge for hydrant service.

The works at Long pond, now complete, are under the immediate oversight of Mr. Levi Roby, who resides in Water-works cottage at the dam. The Board anticipate no further expenditure on this account for many years. The height at which the water in the pond has been maintained during the year is especially gratifying to the commissioners. Notwithstanding the unusually light rain-fall during the past season, and the consequent scarcity of water during the fall and winter throughout New England, the water in the pond is to-day three inches higher than Messrs. Holden's high-water mark.

The consumption of water, as registered by the meters at the dam, for the first six months of the year, was seventy million gallons, being less than one half the quantity to which the city is entitled, thus rendering the use of the meters unnecessary for the present.

That portion of the city farm, which was placed under the management of the Board by an ordinance of the city, has been fenced, and is now a part of "Water-works Park." The Board would be pleased to receive private contributions for improving and beautifying the same, that it may be made an attractive resort for our citizens.

In order to avoid litigation and future claims for damages, the Board have deemed it advisable to possess the Farnum &

Humphrey mill privilege at West Concord. The purchase was made February 17, 1874. At the same time, a lease of the property was made to Moses Humphrey for the term of four years, and undoubtedly, at its expiration, a further lease or other disposition can be made of the property, after reserving all the rights which the city may at any time require for its water-works, so that the ultimate expense to the city will be less than would have been required for the purchase of the rights alone.

During the year the appeal of William P. Cooledge for damages for land taken at West Concord, which has been pending in court, has been settled by the payment of \$5,500 in full. The Board had previously offered \$5,000 in settlement for these damages. This offer was rejected, and a much larger amount claimed. The sum paid does not exceed the amount originally offered, with interest.

#### DISTRIBUTION PIPES.

There have been laid during the year,—

- 1,220 feet of 6-inch pipe ;
- 2,031 feet of 4-inch pipe ;
- 7,245 feet of 1-inch and  $\frac{3}{4}$ -inch pipe.

There have also been set, in connection with the above pipe,—

- 3 fire hydrants ;
- 1 private hydrant ;
- 5 stop-gates.

The total length of main and distribution pipe now in use is 23,297 miles.

Number of fire hydrants, 92.

“ private hydrants, 7.

“ stop-gates, 127.

The Board do not anticipate any further extensions during the coming year, except the continuation of the Little Pond pipe from the corner of Auburn and Centre streets through Centre, Giles, and School streets, about 1,600 feet, it being that portion of the city which cannot be supplied with water from Long pond, on account of its height, the estimated cost of which is \$1,400.

**SERVICE PIPES.**

During the past year there have been laid, and connected with the distribution pipes, 470 service pipes, making the total number now in use 1,133, or 24,296 feet. It is not expected that the number of new consumers for the coming year will be equal to that of the past year; but, considering the general demand for water, the estimated number of applications for service pipes will require an expenditure of about \$2,000.

**SEWAGE.**

The introduction of Long Pond water has given a marked impetus to the subject of sewage, which for several years past has elicited much attention from residents in the compact part of Concord. What was before held almost entirely in a sanitary point of view has now become a matter of convenience and necessity. The city authorities have made gradual progress in the sewage of the precinct, and propose year by year to make such extensions as may be proper, until the entire plan shall have been completed. Each addition increases the rents of the water-works, and through this instrumentality our resources will in the future be largely promoted.

A complete system of sewage would also afford greater security to the hydrants in extreme cold weather. A number of these are placed in wet localities, and cannot be drained to a point lower than the level of the water in the ground in which they stand, and above the waste outlet of the hydrant. Every care has been taken to protect such hydrants. They have been boxed and stuffed, but, in a winter like the present, no precautionary measures can insure their entire immunity from freezing.

## ESTIMATE OF RECEIPTS AND EXPENDITURES FOR 1875.

## RECEIPTS.

From water rents .....	\$15,433.00
“ hydrant service.....	4,600.00
Total.....	<u>\$20,033.00</u>

## EXPENDITURES FOR MAINTENANCE.

For interest on water debt.....	\$22,000.00
“ maintenance and care.....	2,000.00
	<u>\$24,000.00</u>

## EXPENDITURES FOR EXTENSIONS.

For extension of mains.....	\$1,400.00
“ new service pipes.....	2,000.00
	<u>\$3,400.00</u>
Total.....	<u>\$27,400.00</u>

Excess of expenditures over receipts..... \$7,367.00

The amount of interest stated above represents the interest on the bonds and notes outstanding. The notes were negotiated when there was no market for the bonds, at a small extra rate of interest. They have been paid as they have matured, by the sale of bonds, for which there is now a quick demand at par. When the entire indebtedness (\$350,000) is funded at 6 per cent., the interest will be reduced to \$21,000 per annum.

Respectfully submitted,

B. A. KIMBALL,  
JOHN M. HILL,  
JOHN ABBOTT,  
E. L. KNOWLTON,  
ABEL B. HOLT,  
JOHN S. RUSS,  
JOHN KIMBALL,

} *Board of  
Water  
Commissioners.*

*Summary of Main, Distribution, and Service Pipes now laid  
and in use.*

30-inch main,	. . . . .	1,950 feet.
16-inch "	. . . . .	151 "
14-inch "	. . . . .	13,556 "
14-inch distribution,	. . . . .	3,704 "
12-inch "	. . . . .	1,622 "
10-inch "	. . . . .	3,034 "
8-inch "	. . . . .	8,667 "
6-inch "	. . . . .	35,943 "
4-inch "	. . . . .	42,609 "
1-inch "	. . . . .	6,056 "
$\frac{3}{4}$ -inch "	. . . . .	5,716 "
Total,	. . . . .	123,008 "

—equal to 23.297 miles.

1,133 service pipes, or 24,296 feet.  
92 public hydrants.  
7 private hydrants.  
127 stop-gates.

Water is now supplied for the following uses :

1365 families,	66 stores,
82 bath-tubs,	2 railroads,
134 water-closets,	1 gas-works,
69 wash-basins,	16 stationary engines,
15 urinals,	2 book binderies,
454 yard hydrants,	4 printing establishments,
92 fire hydrants,	2 organ manufactories,
7 private fire hydrants,	4 carriage manufactories,
5 heating apparatus,	1 soap manufactory,
4 hotels,	2 public watering-troughs,
1 greenhouse,	4 photographers,
16 fountains,	2 foundries,
2 churches,	1 tannery,
1 school-house,	2 bakeries,
state-house, state prison,	4 eating-houses,
7 livery stables,	13 mechanical shops,
164 private stables,	6 barber shops,
1 Odd-Fellows' hall,	6 saloons,
1 Masonic hall,	jail,
6 city buildings,	3 cemeteries,
32 offices,	2 street-sprinklers.

**FINANCIAL STATEMENT**  
 OF THE  
**CONCORD WATER-WORKS.**

---

SAMUEL C. EASTMAN, Treasurer, *in account with the Water-works for the year ending January 31, 1875.*

		DR.
To cash from sale of \$180,100 bonds,	\$176,105.25	
interest on same,	2,545.37	
notes,	23,400.00	
superintendent of Water-works, rents,	17,535.00	
J. A. Weston,	1,000.00	
construction account,	506.29	
precinct tax,	7,000.00	
	\$228,091.91	
CR.		
By balance due treasurer, Feb. 1, 1874,	\$6.53	
Paid for service pipe,	7,739.78	
distribution pipe,	2,837.90	
main pipe,	4,447.24	
land and rights,	11,400.00	
general construction,	26,339.11	
incidentals,	486.05	
dam, &c.,	2,066.21	
conduit,	163.55	
engineering and superintendence,	1,472.31	
gates and hydrants,	28.30	
discount on bonds,	100.00	
maintenance,	1,706.04	
notes,	112,230.00	
interest,	21,789.35	
	\$192,812.37	
Balance cash on hand,		\$35,279.54

Water-works bonds outstanding Feb. 1,		
1874,	\$149,900.00	
Bonds sold since,	180,100.00	
Bonds outstanding,		\$330,000.00
Notes outstanding, Feb. 1, 1874,	\$140,830.00	
Notes issued since,	23,400.00	
	\$164,230.00	
Notes paid since,	112,230.00	
Notes now outstanding,		\$52,000.00
		\$382,000.00

Respectfully submitted,

SAMUEL C. EASTMAN, *Treasurer.*

Concord, N. H., Feb. 1, 1875.

We have examined the foregoing account, and find that all the payments therein recorded are duly authenticated by proper vouchers, and that the several items are correctly cast.

JOHN KIMBALL,	} <i>Committee</i>
GEORGE A. PILLSBURY,	
JOSEPH A. COCHRAN,	
CHARLES W. MOORE,	

*on*  
*Finance.*

# REPORT

OF

## COMMITTEE ON CITY FARM.

---

*To the City Council:*

The undersigned, joint standing Committee on the City Farm, respectfully present the twenty-second Annual Report of the Receipts and Expenditures of the City Farm, for the year ending February 1, 1875, together with the inventory of the property of the city belonging thereto. In presenting this report, your committee are of opinion that the welfare of the inmates at the farm has been carefully considered by the overseer and matron, and, judging from the financial exhibit of the past year, that the farm has been well managed.

ABNER C. HOLT,  
 LYMAN SAWYER, } *Committee on*  
 DANIEL G. HOLMES, } *City Farm.*

### INVENTORY OF PROPERTY AT CITY FARM,

FEB. 1, 1875.

City Farm and buildings,		\$15,000.00
	<b>ANIMALS.</b>	
3 yokes of oxen,	a \$200.00	\$600.00
10 cows,	a 40.00	400.00
1 horse,		200.00
1 bull,		25.00
8 hogs,		125.00
65 fowls,		40.00
		\$1,390.00
	<b>HAY AND GRAIN.</b>	
14 tons No. 1 hay,	a \$20.00	\$280.00
12 tons No. 2 hay,	a 14.00	168.00
5 tons oat straw,	a 14.00	70.00
4 tons corn-fodder,	a 14.00	56.00
200 bush. corn,	a 1.10	220.00
85 bush. oats,		59.00
		\$853.00

## FARMING TOOLS.

3 ox-carts,	\$200.00
1 wagon,	40.00
4 plows,	50.00
5 yokes,	30.00
7 hay-forks,	3.50
1 hay-cutter,	6.00
10 feed-boxes,	2.00
1 cultivator,	4.00
4 harrows,	30.00
2 hay-racks,	15.00
2 cart splices,	5.00
1 winnowing-mill,	14.00
9 baskets,	5.00
1 set dry measures,	1.50
4 manure-forks,	4.00
10 chains,	15.00
8 hoes,	4.00
3 manure claws,	4.00
3 shovels,	2.00
2 picks,	2.00
4 whiffletrees,	3.00
1 iron bar,	1.00
1 witch chain,	1.00
1 monkey-wrench,	1.00
1 hammer,	1.00
4 corn-cutters,	1.25
4 ox muzzles,	1.50
2 pairs steelyards,	1.50
3 chisels and rake,	2.00
1 cross-cut saw,	3.00
1 jack-screw,	5.00
1 brace and bits,	5.00
1 scalding tub,	4.00
1 stone cart-body,	30.00
1 hand-saw,	1.00
2 pairs pole straps,	6.00
1 halter,	1.00
3 sets harness,	40.00
1 horse-rake,	25.00
1 drag-rake,	1.00
1 mallet and planes,	4.00
6 axes,	7.00
1 grindstone,	3.00
1 mowing-machine,	60.00
1 cultivator,	11.00

4 scythes and snaths,	\$4.00	
50 feet rope,	1.00	
8 rakes,	2.00	
1 spread-chain,	1.00	
1 ox-sled,	20.00	
2 logging-sleds,	27.00	
3 wood-saws,	3.00	
4 ladders and 1 saw,	5.50	
1 wheelbarrow,	2.00	
1 pair cart-wheels,	30.00	
2000 feet lumber,	30.00	
		<hr/>
		\$781.75

## HOUSEHOLD FURNITURE.

Beds and furniture,	\$300.00	
1 washing-machine,	10.00	
1 clothes-wringer,	8.00	
6 cider casks,	6.00	
10 flour barrels,	1.00	
		<hr/>
		\$325.00

## PROVISIONS AND FAMILY STORES.

222 lbs. fresh pork,		\$33.30
82 lbs. fresh beef,		9.84
50 lbs. sausage,		7.50
60 lbs. cheese,		9.60
40 lbs. candles,		4.80
380 lbs. ham,	a 14 cents,	53.20
150 lbs. salt beef,	a 10 "	15.00
900 lbs. salt pork,	a 14 "	126.00
100 lbs. lard,		18.00
12 lbs. butter,		4.20
100 lbs. squash,		4.00
6½ bush. white beans,	a \$3.50	22.75
3 bush. colored beans,	a 2.50	7.50
2½ bush. pease,	a 1.00	2.50
90 bush. potatoes,	a .30	27.00
425 bush. potatoes,	a .75	318.75
15 bush. beets,		15.00
3 bush. carrots,		1.50
4 bush. onions,		1.00
1 bush. pop-corn,		1.50
3 bbls. apples,		7.50
2½ bbls. cider,		10.00
3 bbls. soap,		16.00

$\frac{1}{2}$ bbl. pickles,	\$5.00	
$\frac{1}{8}$ bbl. molasses,	6.00	
$\frac{3}{8}$ bbl. vinegar,	8.00	
$\frac{1}{2}$ bbl. flour,	4.00	
1 bbl. cabbage,	4.00	
16 cords wood,	64.00	
		\$807.44
Total inventory,		\$19,157.19

## RECEIPTS.

HARRISON PARTRIDGE, <i>Overseer</i> ,	DR.	
To cash on hand, Feb. 1, 1874,	\$103.65	
note of G. W. Brown,	210.00	
Hiram Farnum,	190.00	
outstanding bills,	263.54	
cash for labor, men, and teams,	1,489.92	
stock sold,	285.50	
wood and lumber sold,	172.87	
milk                                    “	570.50	
meat, butter, and lard, sold,	279.50	
pigs,                                   “	70.50	
potatoes,                            “	163.23	
eggs,                                   “	72.02	
vegetables,                         “	30.23	
board of poor,	91.50	
keeping travellers,	5.75	
police services,	8.35	
keeping cattle,	16.50	
“ overseer's horse,	60.00	
“ steers,	20.00	
from Merrimack county,	52.25	
from city of Manchester,	6.00	
sundries,	113.72	
interest on note,	26.25	
		\$4,301.78

## EXPENDITURES.

HARRISON PARTRIDGE, <i>Overseer</i> ,	CR.
By cash paid for store bills,	\$748.68
meal,	490.84
blacksmith work,	129.22
labor,	749.45

By cash paid for one yoke oxen and bull,	\$289.25	
manure,	142.17	
hay and grass,	120.71	
fresh meat,	36.47	
wearing apparel,	21.97	
shoties,	33.00	
cultivator,	11.00	
threshing oats,	25.00	
potatoes,	13.83	
coffins and robes,	22.00	
1 pair wheels,	25.00	
1 stove,	18.25	
28 bushels oats,	21.00	
board of men haying,	44.75	
1 yoke,	5.25	
pasturing,	65.00	
bedstead,	2.00	
apples and cider,	26.75	
repairing of plow,	6.00	
overseer's salary,	600.00	
sundries,	94.32	
By amount of old bills unpaid,	146.35	
error in amount of bills reported 1874,	15.75	
use of overseer's horse and carriage,	35.00	
cash paid city treasurer,	362.77	
		<u>\$4,301.78</u>

## STATEMENT.

Appraised value of farm and buildings, Feb. 1, 1875,	\$15,000.00	
Appraised value of personal property, Feb. 1, 1875,	4,157.19	<u>\$19,157.19</u>
Appraised value of farm and buildings, Feb. 1, 1874,	\$15,000.00	
Appraised value of personal property, Feb. 1, 1874,	4,074.90	<u>\$19,074.90</u>
Increase during the year,		<u>\$82.29</u>
Cash on hand, Feb. 1, 1875,	\$362.77	
"    "    1874,	103.65	<u>\$259.12</u>
Profits of the farm,		<u>\$341.41</u>

## Names of paupers at the Farm Feb. 1, 1875 :

James W. Powers,	aged 71 years.	Lucinda Wilson,	aged 57 years.
Eleazer Davis,	" 84 "	Edward D. Wilson,	" 15 "
Edward Fisk,	" 34 "	Minnie Brown,	" 12 "
John B. Crummett,	" 67 "	Joseph Brown,	" 38 "
Joseph Glines,	" 78 "	John D. Cooper,	" 68 "
Joseph H. Morrill,	age unknown.	James Drew,	" 64 "
Charlotte Lovejoy,	aged 77 years.	John Euran,	" 67 "
Orrilla Batchelder,	" 63 "	Katie Kiggins,	" 11 "
Sarah J. Sargent,	" 44 "	Sylvester Kiggins,	" 8 "

## Names of the paupers who have died or have been discharged during the year :

- John Whitney, aged 77 years, died Jan. 6, 1875.  
 Daniel Rogers, aged 71 years, died Dec. 16, 1874.  
 Edward A. Glover, aged 46 years, died May 2, 1874.  
 Charles H. Moore, aged 18 years, admitted July 8, died Dec. 15, 1874.  
 John Davis, aged 76 years, admitted April 15, discharged Aug. 7, 1874.  
 Moses Wilson, aged 30 years, admitted May 9, discharged May 11, 1874.  
 Hannah Quinn and five children, admitted July 27, discharged July 31, 1874.  
 Charles Thompson, aged 13 years, admitted Aug. 14, discharged Nov. 19, 1874.

Number of paupers at the Farm Feb. 1, 1875,	18
Number of different paupers at the Farm during the year,	32
Average number of different paupers at the Farm one year,	17
Number of paupers lodged one night or more,	49
Number sent to house of correction,	3

SEVENTH ANNUAL REPORT  
OF THE OVERSEER OF THE POOR FOR THE CITY  
OF CONCORD.

---

*To the City Council:*

The undersigned respectfully submits his seventh Annual Report of receipts and expenditures on pauper account, for the year ending January 31, 1875:

RECEIPTS.

Unexpended balance of account of 1874,	\$1,811.21	
Received of the county of Merrimack, for aid furnished county paupers, for the year ending January 31, 1874,	1,998.57	
Annual appropriation for 1874,	2,400.00	
		\$6,209.78

EXPENDITURES.

CITY PAUPERS:

Aid to Herman Price, American, deceased,	\$86.24	
John Harrington, Irish,	146.94	
Mrs. Wm. Randell, American,	25.00	
Thomas C. Campbell, American,	21.00	
Mrs. Edward Morrison, American,	3.00	
Catherine Baker, “	43.83	
Charles C. Clark, American, deceased,	101.00	
Clifford family, Irish,	103.20	
Josiah Knowles, American,	39.00	
Mrs. James Flynn, Irish,	77.00	
Leander C. Barnes, American,	16.00	
Mrs. John O'Brien, Irish,	15.00	
John Davis, American,	28.00	
Hiram Davis, “	17.68	
Mrs. Barney McDermot, Irish,	4.00	
Isaac Lewis Emerson, American,	10.00	
Mrs. James K. Page, “	58.07	
Mrs. Rosanna Larkin, Irish,	4.50	
Charles G. Edmunds, American,	10.00	
William Fagan, Irish,	3.00	
Mrs. Washington George and family, American,	131.29	
Amount furnished city paupers outside the almshouse, exclusive of those supported at the Asylum for the Insane and the State Reform School,		\$943.75

Amount paid for support of insane city paupers at the asylum, as follows:

George Bickford,	\$236.84	
Mrs. Ellen M. Summers,	224.33	
Bridget Kerley,	223.69	
Mrs. Mary Jane Barter,	94.44	
John Davis,	25.51	
		<hr/>
		\$804.81

Amount paid State Reform School,—		
For maintenance of Eugene Callahan,	\$62.29	
“ “ John Stevens,	59.43	
“ “ Bernard Dorien,	104.00	
“ “ Martha Clisby,	98.29	
		<hr/>
		\$324.01

		<hr/>	\$2,072.57
Refunded by City of Manchester,	\$8.00		
“ “ Town of Chichester,	10.00		
“ “ “ Pembroke,	16.00		
“ “ Anthony Coleman, for support of Bernard Dorien, at Reform School,	104.00		
Refunded by sundry persons,	20.25		
		<hr/>	\$158.25

Whole expense of city paupers outside the almshouse, including those at the Asylum for the Insane and at the State Reform School,			\$1,814.32
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### COUNTY PAUPERS.

Aid furnished to county paupers residing in Concord, as follows:

Moses Bazro, French,	\$6.80
William Marsh, American (deceased),	12.00
Narcissus LeClair, French,	9.00
Dennison Stanley, American,	31.42
Ellen S. Addis, “	24.00
Charles Trenneworth, English,	4.00
Mary Storin, Irish,	5.00
Callahan McCarty, Irish,	68.25
Eleazer Bazro, French,	10.00
Mrs. John Haines, American,	7.50
Mrs. George Gawler, English,	5.00
Mrs. Amasa Ramsdell, American,	11.00
Mrs. Mary Owens, Irish,	159.00
Mrs. Ellen Woods, “	3.00
Mrs. Orlando Philbrick, American,	48.00

Mrs. Isaac Mason, French,	\$52.60	
Mrs. Thomas Coty, "	91.00	
Georgianna Powers, American,	28.89	
Mrs. Martin Deveney, Irish,	219.48	
Kate Bresnehan, "	25.70	
Rebecca Carter, American (deceased),	222.50	
George Washington, colored,	3.00	
John Vanderhayden, German,	6.01	
Mrs. James Buckley, French,	3.00	
Mrs. Margaret Stone, "	5.00	
David Moony, "	5.00	
Mrs. Catherine Bazro, "	5.00	
Maria Poggi, Italian,	16.50	
Jeddie Welcome, French,	8.00	
Timothy O'Connor, Irish,	26.75	
Mrs. Nancy O'Hara, "	175.90	
Mrs. Honora Noland, "	37.00	
James Plimpton, English,	13.65	
Patrick Larkin, Irish (Fisherville),	30.00	
Mrs. George E. Ames, American,	77.86	
Mrs. Alfred Elson, Irish,	6.06	
Moses Feylor, American (bill of 1872),	32.98	
Nelson Goudron, French,	4.00	
Mrs. — Truet, "	110.96	
John Dushon, "	20.00	
— Basset, "	19.00	
Thomas Wheeler, American,	5.00	
William Burke, Irish,	28.72	
John B. Smith, American,	5.50	
Mrs. Ellen Mahoney, Irish,	19.00	
Mrs. Sarah Goodyear, French,	11.25	
Mrs. George William, "	11.00	
Mrs. Joseph Fuller, "	4.50	
Hugh Hamilton, "	7.50	
James Barney, Irish,	7.00	
Sylvester Kiggins, Irish,	32.50	
Transient persons,	120.54	
	<hr/>	
	\$1,902.32	
Kate Wood, at N. H. Asylum,	63.73	
Amount of aid rendered county paupers residing in the city,		\$1,966.05
Expense of city paupers, as above,		1,814.32
		<hr/>
Total expense for the year ending Feb. 1, 1875,		\$3,780.37
		<hr/>
Balance unexpended,		\$2,429.41

The number of applications for aid in the city proper during the year was 172, exclusive of the large number of transient persons aided at this office, and by the city marshal. The number chargeable to the county, who have been aided by the city the past year, was 168; the number having a settlement in the city, who have been assisted during the same time, was 46; total, 214. Ten have died during the year: 7 males, 3 females,—aged respectively 19, 43, 45, 47, 50, 70, 77, 81, 83, and 85, an average of 60 years each. Four of this number died at the almshouse, two of whom—Edward A. Glover and Charles Henry Moore—were sick, and their recovery doubtful, at the time of their admission. The other two—Daniel Rogers, aged 71, and John Whitney, aged 77 years—had long been inmates of this institution. The duties of the superintendent and matron of the almshouse and city farm the past year, as during the previous six in which they have had the immediate oversight and management of the same, have been discharged in a manner highly creditable to themselves and satisfactory to the City Farm Committee. The sanitary condition of the inmates at the almshouse, as well as those outside, will appear by reference to the report of the city physician.

Respectfully submitted,

C. F. STEWART,

*Overseer of the Poor.*

# REPORT

OF THE

## COMMITTEE ON SEWERS.

---

*To the City Council:*

The Committee on Sewers beg leave to report that during the year they have built a sewer from the manufactory of P. Blanchard's Sons to the Merrimack river, as laid out May 31, 1874, by the Mayor and Aldermen, and described as follows:

Beginning at the easterly end of the stone culvert near the north-east corner of Blanchard's churn factory, adjoining land of the Concord & Claremont Railroad; thence south  $72\frac{1}{4}$  degrees east, upon land of said railroad, Northern, and Boston, Concord & Montreal railroads, 200 feet; thence, curving to the right with a curve having a radius of 295 feet, 64 feet upon land of the Boston, Concord & Montreal Railroad, to land of Joseph P. Stickney; thence, on the same curve, 36 feet on land of said Stickney; thence tangent to said curve, and on land of said Stickney, south  $53\frac{3}{4}$  degrees east, 710 feet, to the Free Bridge road; thence in the same course across said road about 120 feet, to land of the heirs of Samuel Herbert; thence in the same course on said Herbert land 220 feet, to the Merrimack river— the above to be the centre line of the sewer.

The cost of constructing this sewer, which is 37 inches high and 24 inches wide (egg shaped), of brick and cement, with wall at the outlet, on the bank of the Merrimack river, 18 feet long, 6 feet high, and 5 feet thick, is as follows:

Paid E. R. Noyes, for 123,000 bricks,	\$984.00
Ordway & Ferrin, for mason work,	861.16
Coffin, Cochran & Co., for cement,	487.77
Hutchins & Co., for cement,	11.50
M. H. Johnson and men, trenching,	1,451.98
W. K. Clifford, for stone-work,	59.40
Roberts & Crowley, for stone,	38.85
B. A. Kimball, for stone,	25.00
Gust. Walker, for supplies,	45.09
Whittemore & Kimball, lumber,	11.75
E. B. Hutchinson, for patterns,	17.75
Ford & Kimball, iron castings,	40.75

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Total cost of sewer, 1,350 feet long,  
or about \$3 per foot. \$4,035.00

We have also built a sewer from State street west,  
in the centre of Blake street, 262 feet long, of ce-  
ment pipe, 10 inches in diameter, at a cost of 176.08  
or a little more than 67 cents per foot.

---

\$4,211.08

Respectfully submitted.

JOHN KIMBALL,  
JAMES L. MASON,  
GEO. A. PILLSBURY, } *Committee.*

February 1, 1875.

## REPORT

OF THE AGENT FOR BUILDING THE BRIDGE OVER THE  
CONTOOCOOK RIVER, AT FISHERVILLE.

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*To the City Council:*

By a vote of the town of Concord, passed March 13, 1823, "the selectmen were authorized to join with the town of Boscawen in rebuilding the bridge near John Chandler's, and draw money for the same." The affect of this vote was to move the bridge from the site where it had stood for many years to the present location, which was about one fourth of a mile higher up the stream. The width of the river was two hundred feet. This space was divided into three spans, of nearly seventy feet each, by the erection of two stone piers twenty-five feet long, twelve feet wide, and twenty feet high. Upon these piers large balance beams of pine timber were placed, and upon these beams came the stringers, composed of huge sticks of timber nearly seventy feet long, and eighteen to twenty inches square, which bridged the distance between the piers, and each pier and the abutments. Upon these stringers rested the floor planks which formed the roadway, the whole being combined together by bolts made of square iron, with a key at the end to draw the timbers together, instead of the nut and screw, as now used—making it permanent and strong. The bridge thus imperfectly described continued to subserve the wants of the public until the year 1849, a period of twenty-six years, when it was removed to give place to one of more modern construction, built by Mr. P. H. Paddleford. In constructing it he used the same piers, but the abutments were extended further into the stream, and built angling to conform to a line parallel to the current of the water. It consisted of a road-way twenty feet wide, and on the west side was built a sidewalk for foot passengers,—the whole surmounted with a roof. The general appearance of this bridge, as the traveller approached it from

either side, was not favorable to the eye of the beholder, and for the last few years an impression has prevailed that the time had come to build a new one of modern style, such as would be creditable to the city, and add something to the appearance of this flourishing village. For twenty-five years the old bridge has served the public well, and safely borne the burdens placed upon it.

May 31, 1873, the City Council "voted to borrow on the credit of the city the sum of \$12,000, to be expended for the erection of a new bridge at Fisherville." The loss of the Sewall's Falls bridge, in 1872, had rendered the rebuilding of that bridge imperative, and the City Council decided to defer the erection of the Fisherville bridge to the present year.

October 25, 1873, the Board of Aldermen "voted that the mayor be, and is hereby, authorized to contract for a wrought iron bridge, to be erected at Fisherville, across the Contoocook river, as early next season as practicable, and that said contract be made as soon as the mayor shall be satisfied that it will be for the interest of the city to do so."

Under this vote a contract was made with the Wrought Iron Bridge Co., of Canton, Ohio, to furnish a wrought iron plate and channel truss bridge, of the best quality, according to the plan and specifications furnished by it, capable of sustaining a weight of 2,000 pounds per lineal foot, or 190 tons, equally distributed over the road-way and foot-walks, for \$11,700.

After the annual election in March, 1874, the Board of Aldermen, by vote passed April 4, same year, appointed the mayor agent for the city to superintend the erection, and clothed him with full powers to prosecute the work until completed.

John Edwards, Esq., was employed to take charge of the stone-work, and June 20, 1874, the workmen commenced to remove the old piers and lay the foundations for the new abutments.

It was decided to build with one span of one hundred and ninety feet, thus dispensing with piers, and extend the new abutments farther into the river, so that the water passage would be reduced to one hundred and eighty-five feet. These abutments are of granite blocks, cut in courses of eighteen inches in thickness, laid in cement. They measure thirty-eight

feet in length, eighteen feet in height, and project into the stream thirteen and a half feet from the line of the bank of the river. October 24th the last stone was placed on the wall, and the contractors for the wrought iron bridge completed their work November 6, 1874. The next day it was formally opened to public travel by the City Council, invited guests, and a large number of citizens from the city and neighboring towns. The entire cost is \$17,028.97 (for details see financial statement on page 39). We earnestly hope that this structure will endure, and provide a safe highway across this beautiful and useful river, "so long that the youngest infant now in Fisherville, reaching extreme old age, and inquired of in its last days about the iron bridge, would speak of it as a creation of which his or her father spoke, and so of their children and still more distant descendants,—until the origin of the bridge would be traditional rather than historical."\*

Respectfully submitted.

JOHN KIMBALL,  
*Building Agent.*

February 1, 1875.

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## R E P O R T

OF THE AGENT FOR REBUILDING SEWALL'S FALLS BRIDGE.

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*To the City Council:*

During the winter session of the legislature of 1832-3, an act of incorporation was granted to Ebenezer Eastman, Abraham Bean, Samuel Tilton, Hugh McAllister, Daniel C. Atkinson, Orlando Brown, their associates, successors, and assigns, containing the provisions usually granted to corporations of this kind, and authorizing them to build a bridge over the Merrimack river near the head of Sewall's falls, in Concord. This act was signed by Franklin Pierce, speaker of the house, Benning M. Bean, president of the senate, and approved by Samuel Dinsmore, governor, January 3, 1833.

The corporation organized under their charter February 12, 1833, and at their annual meeting, January 7, 1835, voted to

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\* Extract from Mr. Asa McFarland's address at the banquet.

proceed with the work of building the piers and abutments, under the superintendence of Abel Baker, completing the bridge the same year, at a cost of about four thousand six hundred dollars, including the toll-house.

The piers were of wood, with heavy oak timbers extending up the stream to break the ice. The bridge consisted of balance beams, resting on the piers, upon which were laid long stringers, being the plan generally adopted at that time, called the "balance beam and string bridge." The receipts from tolls for four years were small, and did not exceed the expense of collection and keeping the bridge in repair.

During the month of January, 1839, the ice in the river had formed to an unusual thickness. The extreme cold of the previous week was followed by warm weather and a heavy rain, so that on Sunday, the 27th inst., the volume of water had increased so as to fill the river banks, and at about eleven o'clock in the forenoon of that day the large body of ice started, carrying away Canterbury bridge at Boscawen plain, Boscawen bridge near the mills of Richard and William H. Gage, the middle pier and the greater part of Sewall's Falls bridge. The writer witnessed the action of the ice in carrying away the two bridges last named.

At the annual meeting in January, 1840, the corporation, not being discouraged, contracted with George W. Brown to rebuild the bridge for \$1,500, much of the old material having been saved. In the spring of 1849, the drive of logs owned by Fiske & Norcross carried away the bridge built by Mr. Brown. During the existence of the corporation, only nineteen dollars per share was divided, the original investment proving a total loss.

March 25, 1852, the road commissioners of Merrimack county laid out, on petition of Simeon Abbott and others, a highway across Merrimack river, at the place where Sewall's Falls bridge formerly stood. August 14th following, the town voted to put the bridge under contract, to be completed on or before September 1, 1853, the time limited by the commissioners.

The stone-work was built by Simpson, Balch & Co., and the covered wooden truss bridge by P. H. Paddleford (a noted bridge builder who had just completed Free and Federal bridges), at a cost of \$6,339.86. This bridge was destroyed by

a gale of wind January 1, 1862, having served the public well for more than eight years.

During the same year a new bridge was built on the same site, under the superintendence of John C. Briggs, from a design by himself, consisting of long arches of wood reaching from pier to abutments, with a deck or road-way on top, without covering to protect it from the weather. The spans were 170 feet in length. The whole was rebuilt at a cost of \$1,758.19. Additional strength was added by ex-mayor Abbott in 1865, costing \$1,002.39.

In the spring of 1872 the logs accumulated on the pier in large quantities, so as to reach one of the additional trusses, which gave way, and the west half fell upon the logs beneath. The easterly half, borne down by the large quantities of ice and snow upon it, fell in January, 1873. In the spring of the same year the undersigned was appointed agent for the city to rebuild the whole structure. Lyman R. Fellows was employed to build the stone-work. The pier in the middle of the river was found to be defective, and required to be rebuilt. The new pier is 38 feet long, 24 feet high, 10 feet thick at bottom and 6 feet at top. The abutments were strengthened, made higher, and constructed to receive a covered double lattice and arch bridge of wood, from plans made and submitted by Dutton Woods, the contractor. The cost of the stone-work (for details see page 29, report of 1874) was

	\$6,348.69
Contract with Mr. Woods,	7,750.00
Other expenses,	312.90
	<hr/>
Total,	\$14,411.59

The thorough manner in which the work of Messrs. Fellows and Woods has been performed leads us to hope and expect that this structure will be able to withstand any pressure of water, ice, and logs which may be brought to bear upon it, and be more useful and profitable for the city than its predecessors.

Respectfully submitted.

JOHN KIMBALL,  
*Building Agent.*

February 1, 1875.

## REPORT OF THE CITY PHYSICIAN.

*To the City Council:*

The health and sanitary condition of our city during the past year will compare favorably with that of other large towns.

There have not been any cases of contagious disease within the compact part of the city, and only a few cases of variola and varioloid in Ward 2. These occurred last spring, and were taken care of at their own homes, causing but little trouble outside those immediately concerned.

There has been but little sickness outside the almshouse,—a fact of itself sufficient to show that we have but few overcrowded or under-ground tenements, which are the bane of so many of our large cities, and always have and will furnish objects for charity wherever they are allowed to exist.

At the almshouse there has been considerable sickness, yet not more than might reasonably be expected when we consider the enfeebled character of the inmates. The most of them are old and broken down in health long before they are obliged to ask help of the public charity.

There have been four deaths at the almshouse during the year, all but one from diseases incident to old age. I would add, in this connection, that measures have been taken, and will probably be carried out within a short time, to refit and repair the buildings at the farm, so as to render them a more comfortable place for those who are so unfortunate as to require a home at this institution; and I hope a suitable and separate building will be erected for such as are sent to the farm by our police courts for the purpose of reform,—for those whose misfortune it is to be poor and needy do not like to be classed as or to associate with criminals.

There should also be a suitable place at the farm, or elsewhere, where transient persons, not subject to charity, but without friends to care for them, or living in large boarding-houses where it is almost an impossibility to be properly taken care of, may be carried, and carefully cared for at a minimum expense. The increasing business and population of our city will soon demand of us something as a hospital for this class of people, and I hope some of our liberal and public-spirited men will lay the foundation of an endowment for such a benevolent institution.

As a member of the Board of Health, my attention has been called repeatedly to serious defects of drainage, vaults, and outbuildings, such as pigsties, slaughter-houses, and rendering establishments; and although we are in no worse condition than almost any city of the same size, still, as anything which relates to life and the promotion of the public health is of the dearest interest to the human family, we should ever be on the alert to keep such places at a sufficient distance, that a necessary vocation may not be a nuisance to the public, or detrimental to the health and happiness of our citizens.

I am well aware that the rate of taxation in the city of Concord is very high, and that much of it is the result of our ambition for public improvements, but I do not know of any way in which a portion of the public money can be expended more satisfactorily, to permanent, intelligent citizens, than to carry out and perfect our system of sewerage. "The pestilence that walketh in darkness, and the destruction that wasteth at noon-day," is only to be avoided by a wholesome regard to hygienic rules; and as we extend our system of sewerage, we afford an additional defence for the person, the domicile, and the municipality, and encouragement to our physical, social, and political prosperity, by furnishing the means of at once taking from our midst the probable cause of endemic and epidemic diseases.

We owe it to ourselves and our posterity to give this matter our earnest and earliest attention.

February 16, 1875.

G. P. CONN,

*City Physician.*

## REPORT OF THE CITY MARSHAL.

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*To the City Council:*

GENTLEMEN:—I have the honor to present, for your consideration, my report of the business of the police department of the city of Concord for the year ending January 31, 1875.

The whole number of arrests made during the year, not including those made at Fisherville, was 339, as follows:

Intoxication,	176
For being out late at night,	23
Assault,	18
Larceny,	16
Rude and disorderly conduct,	13
Noise, brawl, and tumult,	12
Disturbing the peace,	11
Suspicious persons,	10
Common loafers,	8
Assault on officers,	6
Evading railroad fare,	5
Breaking and entering,	5
Insane,	4
Selling liquor,	3
Keeping liquor for sale,	3
Keeping open saloon after 10 o'clock,	3
Injury to buildings,	3
Cruelty to animals,	3
Fornication,	3
Breaking glass,	2
Common drunkards,	2
Trespass,	2
Common prostitutes,	2
Keeping open saloon on Sunday,	1
Adultery,	1
Bastardy,	1
Threatening,	1
Driving horse farther than stipulated,	1
For not providing for family,	1
Total,	339