

|  |                   |
|--|-------------------|
| Paid pay-roll, labor, . . . . .  | \$422.12          |
| Engineering, etc., including expenses<br>of Walker Pond project, . . . . | 4,504.55          |
| T. M. Drown, analysis Penacook lake<br>and Walker pond, . . . . .        | 230.00            |
| Engineering News, advertising, . . . .                                   | 4.40              |
| Republican Press Association, . . . .                                    | 158.82            |
| N. H. Democratic Press Co., . . . .                                      | 5.80              |
| Ira C. Evans, . . . . .  | 7.50              |
| Incidentals, . . . . .   | 213.82            |
| Moses H. Bradley, land for pumping<br>station, . . . . .                 | 5,000.00          |
|  | ————— \$87,036.41 |

The expenses are divided as follows :

|  |                   |
|--|-------------------|
| For building reservoir, . . . . .  | \$7,455.55        |
| pipe and special castings, . . . . .                                       | 51,549.23         |
| gates and hydrants, . . . . .  | 6,400.43          |
| laying pipe, setting gates and hydrants,<br>etc., . . . . .                | 9,064.30          |
| pumping station, . . . . .   | 2,415.01          |
| engineering, etc., including expenses of<br>Walker Pond project, . . . . . | 4,531.55          |
| incidentals, . . . . .   | 620.34            |
| land and pumping station, . . . . .  | 5,000.00          |
|  | ————— \$87,036.41 |

Work was commenced on the reservoir about the middle of Sep-  
tember, and was continued until the 7th of January, 1892; the  
amount of excavation to that time, was as follows :

5,536 cubic yards of earth excavation.  
2,397 " " " rock "  
20 " " " embankment.

All the valves and hydrants, and nearly all of the pipe, have  
been received; and pipes have been laid, and valves and hydrants  
set, as follows :

- In North Main street,*  
from Centre to Fiske street, 2,317 feet 20-inch pipe and 6 hydrants.
- In Fiske street,*  
from North Main to North State street, 1,045 feet 20-inch pipe and 1 hydrant.
- In North State street,*  
from Fiske to Penacook street, 509 feet 20-inch pipe and 1 hydrant.
- In North State street,*  
from Penacook street to near cemetery gate, 1,662 feet 18-inch pipe and 2 hydrants.
- In High street,*  
from School to Auburn street, 380 feet 14-inch pipe.
- In Auburn street,*  
from High street to new street to the reservoir, 2,146 feet 14-inch pipe and 1 hydrant.
- In High street,*  
from Warren to School street, 652 feet 12-inch pipe.
- In Liberty street,*  
from Pleasant to Warren street, 659 feet 12-inch pipe.
- In Centre street,*  
from Huntington to High street, 1,441 feet 10-inch pipe and 1 hydrant.
- In Centre street,*  
west from High street, 25 feet 8-inch pipe.
- In Tahanto street,*  
from Centre to School street, 400 feet 6-inch pipe.
- In Forest street,*  
from Auburn to Valley street, 535 feet 6 inch pipe.
- On hydrant branches,*  
18 feet 10-inch pipe and 320 feet 6-inch pipe.

## Summary of the Foregoing.

| <i>Pipes.</i>         |              | <i>Hydrants.</i>    |    | <i>Stop-Gates.</i>   |    |
|-----------------------|--------------|---------------------|----|----------------------|----|
| 4-in.,                | 46 feet.     | Main line.          | 2  | 4-in.,               | 5  |
| 6-in.,                | 1,255 "      | North State street, | 1  | 6-in.,               | 25 |
| 8-in.,                | 25 "         | Fiske street,       | 1  | 8-in.,               | 2  |
| 10-in.,               | 1,459 "      | North Main street,  | 6  | 10-in.,              | 7  |
| 12-in.,               | 1,311 "      | Centre street,      | 1  | 12-in.,              | 3  |
| 14-in.,               | 2,526 "      | Auburn street,      | 1  | 14-in.,              | 2  |
| 18-in.,               | 1,662 "      |                     |    | 18-in.,              | 2  |
| 20-in.,               | 3,871 "      |                     |    | 20-in.,              | 4  |
|                       | 12,155 feet, |                     | 12 |                      | 50 |
| —equal to 2.30 miles. |              | Whole number hy-    |    | Whole number gates   |    |
|                       |              | drants now in use,  |    | now in use, high and |    |
|                       |              | high and low ser-   |    | low service, 495.    |    |
|                       |              | vice, 204.          |    |                      |    |

There is now on hand sufficient 20-inch pipe to lay down Main street as far as Freight street, and 16-inch pipe to lay from Freight to West street; also 20-inch pipe to lay in Penacook street from the pumping station to the reservoir, and about 2,200 feet of 14-inch pipe for the new street from Auburn street to the reservoir; besides all the gates and hydrants and a portion of the special castings necessary to complete the work.

The foundation of the pumping station and coal shed has been completed with the exception of setting the underpinning of the pumping station, which will be finished in the early spring.

I wish to express my thanks to the board for the courtesy and counsel extended to me through the year; and not only to the present board, but also to those members who closed their connection with us a few months ago, do I feel very grateful for their many favors and hearty coöperation.

To the employés my thanks are due for the interest each has taken in the welfare of the department; the new high service system has placed additional duties upon them, and I am pleased to say that all these have been performed with the same cheerfulness and efficiency that have always characterized their usual labor.

Respectfully submitted:

V. C. HASTINGS,

*Superintendent.*

## TREASURER'S REPORT.

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W. F. THAYER, *Treasurer*,

In account with CONCORD WATER-WORKS.

### RECEIPTS.

|                                  |   |   |              |
|----------------------------------|---|---|--------------|
| Balance on hand January 1, 1891. | . | . | \$7,207.17   |
| Income of Water-Works,           | . | . | 46,075.16    |
| Note,                            | . | . | 80,000.00    |
|                                  |   |   | \$133,282.33 |

### EXPENDITURES.

|                                |   |   |              |
|--------------------------------|---|---|--------------|
| Interest on Water-Works bonds, | . | . | \$24,167.00  |
| Maintenance and extension,     | . | . | 99,799.88    |
| Balance in hands of treasurer, | . | . | 9,315.45     |
|                                |   |   | \$133,282.33 |

W. F. THAYER, *Treasurer*.

## APPENDIX.

## I.

**Receipts for each Year since the Completion of the Works.**

|  |              |
|--|--------------|
| For the year ending January 31, 1874, . . . . .    | \$4,431.10   |
| For fifteen months ending April 1, 1875, . . . . . | 17,535.00    |
| For the year ending April 1, 1876, . . . . .       | 16,921.24    |
| “ “ “ 1877, . . . . .                              | 19,001.07    |
| “ “ “ 1878, . . . . .                              | 20,763.03    |
| “ “ “ 1879, . . . . .                              | 21,869.86    |
| “ “ “ 1880, . . . . .                              | 22,451.53    |
| “ “ “ 1881, . . . . .                              | 26,744.58    |
| For nine months ending Dec. 31, 1881, . . . . .    | 25,534.01    |
| For the year ending December 31, 1882, . . . . .   | 27,243.06    |
| “ “ “ 1883, . . . . .                              | 28,255.48    |
| “ “ “ 1884, . . . . .                              | 28,915.65    |
| “ “ “ 1885, . . . . .                              | 30,222.54    |
| “ “ “ 1886, . . . . .                              | 30,862.64    |
| “ “ “ 1887, . . . . .                              | 34,047.52    |
| “ “ “ 1888, . . . . .                              | 38,441.32    |
| “ “ “ 1889, . . . . .                              | 40,237.53    |
| “ “ “ 1890, . . . . .                              | 42,133.41    |
| “ “ “ 1891, . . . . .                              | 46,075.16    |
| Total receipts for nineteen years, . . . . .       | \$521,685.73 |

## II.

**Mean Height of the Water Each Year.**

|                 |        |                 |        |
|-----------------|--------|-----------------|--------|
| 1873, . . . . . | 175.86 | 1883, . . . . . | 176.40 |
| 1874, . . . . . | 179.50 | 1884, . . . . . | 178.18 |
| 1875, . . . . . | 180.00 | 1885, . . . . . | 176.80 |
| 1876, . . . . . | 180.28 | 1886, . . . . . | 178.10 |
| 1877, . . . . . | 176.46 | 1887, . . . . . | 179.04 |
| 1878, . . . . . | 179.50 | 1888, . . . . . | 181.96 |
| 1879, . . . . . | 179.74 | 1889, . . . . . | 180.91 |
| 1880, . . . . . | 175.30 | 1890, . . . . . | 181.90 |
| 1881, . . . . . | 174.70 | 1891, . . . . . | 180.00 |
| 1882, . . . . . | 179.15 |                 |        |

## III.

## Main- and Distribution-Pipes Laid and Now in Use.

|                        |           |               |
|------------------------|-----------|---------------|
| 30-inch main,          | . . . . . | 1,950 feet.   |
| 20-inch "              | . . . . . | 3,871 "       |
| 18-inch "              | . . . . . | 13,343 "      |
| 16-inch "              | . . . . . | 151 "         |
| 14-inch "              | . . . . . | 26,491 "      |
| 12-inch "              | . . . . . | 1,351 "       |
| 14-inch distribution,  | . . . . . | 6,230 "       |
| 12-inch "              | . . . . . | 13,288 "      |
| 10-inch "              | . . . . . | 6,276 "       |
| 8-inch "               | . . . . . | 23,920 "      |
| 6-inch "               | . . . . . | 70,274 "      |
| 4-inch "               | . . . . . | 66,032 "      |
| 2-inch "               | . . . . . | 907 "         |
| 1-inch "               | . . . . . | 10,986 "      |
| $\frac{3}{4}$ -inch "  | . . . . . | 7,669 "       |
| Total,                 | . . . . . | 252,669 feet, |
| —equal to 47.85 miles. |           |               |

## IV.

## Water is Now Supplied for the Following Uses:

|                             |                                |
|-----------------------------|--------------------------------|
| 3,221 families,             | 2 undertakers,                 |
| 2,034 water-closets,        | 31 meters,                     |
| 450 bath-tubs,              | 1 tannery,                     |
| 738 wash-tubs,              | 2 bakeries,                    |
| 214 heating apparatus,      | 105 offices,                   |
| 10 water motors,            | 110 stores,                    |
| 5 elevators,                | 10 drug stores,                |
| 60 urinals,                 | 12 markets,                    |
| 824 yard hydrants,          | 5 restaurants,                 |
| 204 fire hydrants,          | 5 green-houses,                |
| 24 private fire hydrants,   | 6 fountains,                   |
| 3 drinking-fountains,       | 9 barber-shops,                |
| 10 public watering-troughs, | 28 mechanic shops,             |
| 12 street-sprinklers,       | 6 plumber shops,               |
| 14 churches,                | 26 stationary engines,         |
| 1 library,                  | 6 printing establishments,     |
| 11 public schools,          | 1 organ and piano manufactory, |
| 3 private schools,          | 3 carriage manufactories,      |
| 8 city buildings,           | 2 book-binderies,              |
| 1 state-house,              | 3 photographers,               |
| 1 state prison,             | 2 coal-yards,                  |
| 1 post-office,              | 1 dye-house,                   |

WATER DEPARTMENT.

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|                           |                   |
|---------------------------|-------------------|
| 1 Masonic hall,           | 4 laundries,      |
| 1 Odd Fellows hall,       | 8 livery stables, |
| 4 banks,                  | 651 horses,       |
| 4 hotels,                 | 159 cattle,       |
| 2 railroads,              | 6 saloons,        |
| 1 gas-works,              | 1 jail,           |
| 3 foundries,              | 6 cemeteries,     |
| 1 electric light company, | 1 cotton mill.    |
| 4 billiard-halls,         |                   |

## RULES, RATES, AND REGULATIONS

ADOPTED BY THE BOARD OF WATER COMMISSIONERS, JANUARY 7,  
1892.

TO TAKE EFFECT APRIL 1, 1892.

### ANNUAL RATES.

|   |                 |
|---|-----------------|
| A family of not over two persons, . . . . .   | \$4.00          |
| A family of over two persons and not over eight, . . . . .  | 5.00            |
| Each additional person over eight, . . . . .  | .50             |
| Bath-tub, for not over eight persons, . . . . .   | 3.00            |
| Each additional person over eight, . . . . .  | .50             |
| Barber-shops, for each chair, . . . . .   | 2.00            |
| Fountains, flowing 12 hours per day for five months, from 1-16th<br>to 1-8th inch opening, . . . . .  | \$3.00 to 8.00  |
| Heating apparatus for houses, . . . . .   | 2.00            |
| Horse or cow, each, . . . . .   | 1.00            |
| Hose, for washing windows, sprinkling grounds, and washing<br>carriages where two horses or less are kept, for the season,<br>to be used not more than one hour each day, . . . . . | \$3.00 to 6.00  |
| Hose, for washing carriages, each horse over two, in addition to<br>the above, . . . . .  | .50             |
| Hydrants, public, . . . . .   |                 |
| Hydrants, private, to be used only in case of fire, no charge.  |                 |
| Offices, . . . . .  | 2.00            |
| Shops, not over six workmen, . . . . .  | 4.00            |
| Each additional person over six, . . . . .  | .50             |
| Steam engines, determined by meter or special rate.   |                 |
| Stores and markets, . . . . .   | \$4.00 to 15.00 |
| Street-sprinklers, special rate.  |                 |
| Trough, public watering, . . . . .  | 20.00           |
| Urinals, self-closing, for not over eight persons, . . . . .  | 2.00            |
| Each additional person over eight, . . . . .  | .25             |
| Wash-bowls, set, each, . . . . .  | .50             |
| Water-closets, self-closing, for not over eight persons, . . . . .  | 3.00            |
| Each additional person over eight, . . . . .  | .50             |

*When water is used for purposes not specified in the foregoing, the rate shall be fixed by the Water Commissioners.*

**METERS.**

Whenever the Water Commissioners may deem it necessary, on account of waste of water, or of use in unusual quantity, to ascertain the actual quantity used, they will place a meter on the premises, either at the expense of the consumer, or at their own expense, when the consumer will be charged ten per cent. of cost of meter and expense of setting per year for use, or consumers may place on their premises a water meter approved by the board, for the purpose of measuring the water used by them; and rates shall be made in accordance with the indication of the meter instead of the specific rates above given. But in no case shall the meter rate be less than \$10 per annum.

METER RATES FOR MANUFACTURING AND OTHER PURPOSES.

|  |  |        |
|--|--|--------|
| Averaging not over 50 cubic feet per day per 100 cubic feet, |  | \$ .18 |
| from 50 to 100 " " " "                                       |  | .16    |
| 100 to 200 " " " "   |  | .14    |
| 200 to 300 " " " "   |  | .12    |
| 300 to 400 " " " "   |  | .11    |
| over 400 " " " "   |  | .10    |

All water that passes through a meter will be charged for, whether used or wasted.

If for any reason a meter fails to register, the consumer will be charged at the average daily consumption, as shown by the meter when registering.

**REGULATIONS.**

APPLICATIONS.

Every person desiring a supply of water must make an application therefor at the Water Office, in such form as may be prescribed for that purpose: blanks for such applications will be furnished at the office.

The applications must state truly and fully all the uses to which the water is to be applied, and should any other use thereafter be desired, notice of the same must be given at the Water Office, and permission therefor obtained.

SERVICE-PIPES.

Service-pipes will be provided and maintained by the city from the mains to the side lines of the streets, of such sizes and in such locations as may be determined by the Board. All further pipes must be provided and maintained by the person supplied with water.

No service-pipes will be laid for any water rate less than \$4 per year.

Every service-pipe must be provided with a stop- and waste-cock on the inside of the cellar or foundation wall, and near where the pipe

passes through the same; easily accessible, and fully protected from freezing; and all pipes in buildings must be laid in such a way that they can be fully drained by that waste. When different families or tenants are supplied with water in the same building, a suitable stop-and waste-cock must be provided for each.

#### PIPES AND FIXTURES.

All pipes, fixtures, and apparatus must be examined and approved by the Board, or by its agents, before water is supplied to them; and all alterations and additions must be notified to and approved by the same, before they are put in use.

The pipes, fixtures, and apparatus provided by parties supplied, must be kept by them in good order, and repairs be made whenever required by the Board.

#### USE OF WATER.

No person supplied with water shall make or allow its use for any other purpose than stated in his application, or for which permission has been duly obtained; and all persons taking the water shall prevent any unnecessary waste thereof. *The water should not be left running to prevent freezing, or kept running at any time longer than necessary in its proper use.*

#### INSPECTIONS.

The agents of the Board must be allowed to inspect all pipes, fixtures, and apparatus, and to control the stop-and waste-cock whenever they may desire. They must also be allowed, whenever they think proper, to make examinations to ascertain the quantity of water used, the manner of its use, and whether any improper use or waste be made; and no concealment of its uses must be made by any party.

#### STOPPAGE.

The Board and its agents will have the right to stop the water from any pipes for repairs or other purposes, whenever they may deem it advisable, without notice.

#### USE OF HOSE.

Hose shall not be used, unless it has been properly applied for and allowed by the Board, and shall not be used without a nozzle; and the nozzle shall not exceed  $\frac{1}{4}$  of an inch in diameter, unless specially authorized.

The use of hose for sprinkling pavements and grounds, washing windows and carriages, must not exceed one hour in any one day, and must be confined to the purpose specified in the application, without excessive or unreasonable use, and to the premises of the party himself.

All parties using water in stables for horses or cattle will be charged schedule rates for horses or cattle, whether the water is carried by hand or through hose.

## PLUMBERS' RETURNS.

Plumbers shall make full return in writing to the Superintendent, weekly, of the ordinary and special uses for which the water is designed and for all new work, or for alterations, or for additions to pipes and fixtures.

## RATES, WHEN PAYABLE.

All rates, except for meters, will be due and payable semi-annually *in advance*, on the first day of April and October in each year.

All bills remaining unpaid twenty days after due, *will be chargeable with an addition of five (5) per cent.*; and the limit of time allowed for payment will not be extended beyond fifteen days thereafter; and in all cases of non-payment of the water rent within that limit, the supply shall be cut off, and the water will not again be let on except upon the payment of the rent due, and the sum of two dollars for cutting off and turning on the water.

Rents and rates for meters will be payable on demand.

## ABATEMENTS.

Any person whose tenement may become vacant, shall receive an abatement of the water rates appertaining to that tenement, upon the following terms and conditions: He shall sign upon the books of the Water Board, at the office of their Superintendent, notice that such vacancy exists, and a request that an abatement may be made on account thereof; and after such notice is given, an abatement shall be made for the number of *whole* calendar months that the vacancy shall continue; *provided*, that he shall give similar notice at the office of the Superintendent when the tenement is again occupied, but not otherwise. If the rates have been paid in advance, on account of which an abatement is due as aforesaid, the amount abated shall be repaid at the office of the Superintendent, at the semi-annual payment next after the time from which the abatement is claimed.

FIRE-HYDRANTS.

| STREETS.    | LOCATIONS.   | Number. | Total. |
|-------------|--|---------|--------|
| North Main. | South-west corner North Main and Penacook.....               | 1       |        |
| "           | East side North Main, near J. B. Walker's.....               | 1       |        |
| "           | Junction North Main and Fiske.....                           | 1       |        |
| "           | East side North Main, near Larkin's store.....               | 1       |        |
| "           | North-west corner North Main and Franklin.....               | 1       |        |
| "           | East side North Main, opposite Pearl.....                    | 1       |        |
| "           | North-west corner North Main and Washington.....             | 1       |        |
| "           | West side North Main, opposite Historical Society rooms..... | 1       |        |
| "           | East side North Main, opposite Chapel.....                   | 1       |        |
| "           | North-west corner North Main and Court.....                  | 1       |        |
| "           | North-west corner North Main and Pitman.....                 | 1       |        |
| "           | North-west corner North Main and Montgomery.....             | 1       |        |
| "           | East side North Main, opposite Montgomery.....               | 1       |        |
| "           | North-west corner North Main and Centre.....                 | 1       |        |
| "           | South-east corner North Main and Bridge.....                 | 1       |        |
| "           | South-west corner North Main and Park.....                   | 1       |        |
| "           | North-west corner North Main and Capitol.....                | 1       |        |
| "           | North-west corner North Main and School.....                 | 1       |        |
| "           | East side North Main, opposite Centennial block.....         | 1       |        |
| "           | East side North Main, in rear Eagle Hotel.....               | 1       |        |
| "           | East side North Main, in rear Woodward block.....            | 1       |        |
| "           | North-west corner North Main and Warren.....                 | 1       |        |
| "           | South-east corner North Main and Depot.....                  | 1       |        |
| "           | North-west corner North Main and Pleasant.....               | 1       | 24     |
| South Main. | North-east corner South Main and Freight.....                | 1       |        |
| "           | North-west corner South Main and Fayette.....                | 1       |        |
| "           | East side South Main, opposite Thompson.....                 | 1       |        |
| "           | North-west corner South Main and Cross.....                  | 1       |        |
| "           | North-west corner South Main and Thorndike.....              | 1       |        |
| "           | North-west corner South Main and Perley.....                 | 1       |        |
| "           | East side South Main, opposite Abbot-Downing Co.'s.....      | 1       |        |
| "           | North-west corner South Main and West.....                   | 1       | 8      |
| Turnpike.   | West side Turnpike, opposite Gas.....                        | 1       |        |
| "           | West side Turnpike, near J. B. Weeks's.....                  | 1       | 2      |
| Water.      | West side Water, near Capt. James Thompson's.....            | 1       | 1      |
| Hall.       | West side Hall, below Rolfe and Rumford Asylum.....          | 1       | 1      |
| Fiske.      | West side Fiske, near North State.....                       | 1       | 1      |
| North State | North-west corner North State and Penacook.....              | 1       |        |
| "           | South-west corner North State and Penacook.....              | 1       |        |
| "           | North-west corner North State and Walker.....                | 1       |        |
| "           | North-west corner North State and Church.....                | 1       |        |
| "           | North-west corner North State and Tremont.....               | 1       |        |
| "           | North-east corner North State and Washington.....            | 1       |        |
| "           | West side North State, opposite Court.....                   | 1       |        |
| "           | North-west corner North State and Maple.....                 | 1       |        |
| "           | North-east corner North State and Centre.....                | 1       |        |
| "           | East side North State, opposite government building.....     | 1       |        |
| "           | South-west corner North State and School.....                | 1       |        |
| "           | North-west corner North State and Warren.....                | 1       |        |
| "           | North-west corner North State and Pleasant.....              | 1       | 13     |
| South State | East side South State, opposite Wall.....                    | 1       |        |
| "           | North-west corner South State and Thompson.....              | 1       |        |
| "           | South-west corner South State and Monroe.....                | 1       |        |
| "           | East side South State, opposite Laurel.....                  | 1       |        |
| "           | South-east corner South State and Downing.....               | 1       |        |
| "           | North-east corner South State and West.....                  | 1       |        |
| "           | Junction of South State and Turnpike.....                    | 1       |        |
| Green.      | East side Green, opposite Prince.....                        | 1       | 7      |
| South.      | West side South, opposite Wall.....                          | 1       | 1      |
| "           | North-west corner South and Thompson.....                    | 1       |        |
| "           | West side South, opposite Monroe.....                        | 1       |        |
| "           | West side South, opposite Laurel.....                        | 1       |        |
| "           | West side South, opposite Downing.....                       | 1       |        |
| "           | West side South, opposite Allison.....                       | 1       |        |
| "           | West side South, near Abbot farm.....                        | 1       |        |

FIRE-HYDRANTS—Continued.

| STREETS.     | LOCATIONS.   | Number. | Total. |
|--------------|--|---------|--------|
| South.       | West side South, opposite Smith farm.....                  | 1       | 8      |
|              | West side Broadway, near precinct line.....                | 1       | 1      |
| Broadway.    | South-west corner South Spring and Oak.....                | 1       |        |
| Spring.      | West side South Spring, opposite Cross.....                | 1       | 3      |
| "            | West side Bradley, opposite Highland.....                  | 1       |        |
| Bradley.     | East side Bradley, opposite Perley proposed extension..... | 1       | 2      |
| "            | West side Bradley, opposite Walker.....                    | 1       |        |
| Rumford.     | West side Rumford, opposite Perkins.....                   | 1       |        |
| "            | North-east corner Rumford and Franklin.....                | 1       |        |
| "            | West side Rumford, opposite Beacon.....                    | 1       |        |
| "            | North-east corner Rumford and Abbot.....                   | 1       |        |
| "            | North-east corner Rumford and Cambridge.....               | 1       | 6      |
| "            | North-east corner Rumford and School.....                  | 1       | 1      |
| Church.      | North side Church, opposite Lyndon.....                    | 1       | 1      |
| Franklin.    | North-west corner Franklin and Jackson.....                | 1       | 1      |
| Centre.      | South-west corner Centre and Green.....                    | 1       |        |
| "            | North-west corner Centre and North Spring.....             | 1       |        |
| "            | North-west corner Centre and Rumford.....                  | 1       |        |
| "            | South-west corner Centre and Summit.....                   | 1       |        |
| "            | South-west corner Centre and Pine.....                     | 1       | 5      |
| Washington.  | South-west corner Washington and Union.....                | 1       |        |
| "            | North-west corner Washington and Rumford.....              | 1       |        |
| "            | North side Washington, opposite Perry avenue.....          | 1       | 3      |
| School.      | North-west corner School and Green.....                    | 1       |        |
| "            | North-west corner School and North Spring.....             | 1       |        |
| "            | North-west corner School and Merrimack.....                | 1       |        |
| "            | North side, near City storehouse.....                      | 1       |        |
| "            | North side, near W. S. Brooks's.....                       | 1       |        |
| "            | South-east corner School and Giles.....                    | 1       | 6      |
| Warren.      | North-west corner Warren and Green.....                    | 1       |        |
| "            | North-west corner Warren and North Spring.....             | 1       |        |
| "            | North-west corner Warren and Rumford.....                  | 1       |        |
| "            | South-west corner Warren and Merrimack.....                | 1       |        |
| "            | North-west corner Warren and Tahanto.....                  | 1       |        |
| "            | South-east corner Warren and Liberty.....                  | 1       |        |
| "            | Junction Warren and Pleasant, near Fruit.....              | 1       | 7      |
| Minot.       | West side Minot, near Odd Fellows' Home.....               | 1       | 1      |
| Jackson.     | North-west corner Jackson and Beacon.....                  | 1       | 1      |
| Pleasant.    | North-west corner Pleasant and Railroad Square.....        | 1       |        |
| "            | North-west corner Pleasant and Green.....                  | 1       |        |
| "            | North-west corner Pleasant and Rumford.....                | 1       |        |
| "            | South side Pleasant, opposite Pine.....                    | 1       |        |
| "            | South side Pleasant, opposite Liberty.....                 | 1       |        |
| "            | North side Pleasant, near Salem.....                       | 1       |        |
| "            | South side Pleasant, near Kilburn's.....                   | 1       |        |
| "            | North side Pleasant, near Mrs. Lane's.....                 | 1       |        |
| "            | North side Pleasant, near J. McC. Hammond's.....           | 1       |        |
| "            | South side Pleasant, opposite Pond road.....               | 1       |        |
| "            | South side Pleasant, near J. Milnor Coit's.....            | 1       |        |
| "            | North side Pleasant, opposite Infirmary.....               | 1       |        |
| "            | South side Pleasant, near the Mill.....                    | 1       | 13     |
| West.        | North side West, near Badger.....                          | 1       |        |
| "            | North side West, opposite Dakin.....                       | 1       |        |
| "            | North side West, at intersection Broadway.....             | 1       | 3      |
| Mills.       | West side Mills, near Horace Call's.....                   | 1       |        |
| "            | South-east corner Mill and Downing.....                    | 1       | 2      |
| Durgin.      | West side Durgin, near Toof's laundry.....                 | 1       | 1      |
| Railroad sq. | North-west corner Railroad square and Depot.....           | 1       |        |
| "            | South-west corner Railroad square and Hill's avenue.....   | 1       | 2      |
| Summer.      | North-east corner Summer and Pitman.....                   | 1       | 1      |
| Chandler.    | South side Chandler, opposite Railroad.....                | 1       | 1      |
| Perley.      | North-west corner Perley and Grove.....                    | 1       |        |
| "            | South side Perley, near old brook.....                     | 1       | 2      |
| Laurel.      | North-east corner Laurel and Pierce.....                   | 1       | 1      |
| Thorndike.   | North-east corner Thorndike and Grove.....                 | 1       | 1      |

## FIRE-HYDRANTS—Continued.

| STREETS.     | LOCATIONS.   | Number | Total. |
|--------------|--|--------|--------|
| Cross.       | South side Cross, opposite Jefferson.....                                | 1      | 1      |
| Fayette.     | North-west corner Fayette and Elm.....                                   | 1      | 1      |
| Union.       | North-west corner Union and Maple.....                                   | 1      | 1      |
| Allison.     | North-west corner Allison and Mills.....                                 | 1      | 1      |
| Fruit.       | North-east corner Clinton and Fruit.....                                 | 1      | 1      |
| "            | East side Fruit, opposite Wm. W. Critchett's.....                        | 1      | 1      |
| "            | North-west corner Fruit and Woodman.....                                 | 1      | 3      |
| High.        | North-west corner High and Auburn.....                                   | 1      | 1      |
| "            | East side High opposite Forest.....                                      | 1      | 1      |
| "            | South-west corner High and Franklin.....                                 | 1      | 3      |
| Auburn.      | North-west corner Auburn and Forest.....                                 | 1      | 1      |
| Valley.      | North side Valley, opposite Forest.....                                  | 1      | 1      |
| Ferry.       | North side Ferry, east of C. & M. Railroad.....                          | 1      | 1      |
| Bridge.      | South side Bridge, near easterly barn.....                               | 1      | 1      |
| Dakin.       | West side Dakin, near C. E. Harriman's.....                              | 1      | 1      |
| Prospect.    | North-west corner Prospect and Granite.....                              | 1      | 1      |
| Curtis.      | North side Curtis, near John C. Kenney's.....                            | 1      | 1      |
| Highland.    | North-east corner Highland and Rumford.....                              | 1      | 1      |
| Lyndon.      | South-west corner Lyndon and Tremont.....                                | 1      | 1      |
| Blanchard.   | North-west corner Blanchard and Essex.....                               | 1      | 1      |
| Marshall.    | North side Marshall, opposite Fuller.....                                | 1      | 1      |
| On main line | West side West Concord road, near Bradley barn.....                      | 1      | 1      |
| "            | North-east corner West Concord road and Foster.....                      | 1      | 1      |
| "            | East side West Concord road, near cemetery gate.....                     | 1      | 1      |
| "            | West side West Concord road, at cemetery gate.....                       | 1      | 1      |
| "            | West side West Concord road, near Calvary cemetery.....                  | 1      | 1      |
| "            | East side West Concord road, near C. K. Farnum's.....                    | 1      | 1      |
| "            | North-east corner West Concord road and road south of power station..... | 1      | 1      |
| "            | East side West Concord road, near old city farm buildings..              | 1      | 9      |
| "            | North side of road south of power station.....                           | 1      | 1      |
| High.        | East side High street, West Concord, near S. W. Kellom's...              | 1      | 1      |
| "            | East side High street, West Concord, near Mrs. G. E. Holden's            | 1      | 2      |
| Hutchins.    | North side Hutchins, near B. T. Putney's.....                            | 1      | 1      |
| "            | North side Hutchins, near C. & C. Railroad.....                          | 1      | 2      |
| Main.        | East side West Concord road, near engine-house.....                      | 1      | 1      |
| "            | East side West Concord road, opposite D. Holden's.....                   | 1      | 1      |
| "            | West side West Concord road, near north mill.....                        | 1      | 1      |
| "            | East side West Concord road, opposite Geo. W. Brown's....                | 1      | 1      |
| "            | East side West Concord road, near Mr. Harrington's.....                  | 1      | 1      |
| "            | East side West Concord road, opposite A. Hollis's.....                   | 1      | 6      |
| Pen'c'k Road | West side Penacook road, near Warner road.....                           | 1      | 1      |
| "            | West side Penacook road, near Mr. Currier's.....                         | 1      | 2      |
| PENACOOK.    |  |        |        |
| Main.        | West side Main, opposite Stark street.....                               | 1      | 1      |
| "            | West side Main, near Mr. Prescott's.....                                 | 1      | 1      |
| "            | South-west corner Main and Union.....                                    | 1      | 1      |
| "            | Washington Square, opposite Washington.....                              | 1      | 1      |
| "            | North-west corner Main and Charles.....                                  | 1      | 1      |
| "            | North side Main, opposite East Canal.....                                | 1      | 1      |
| "            | North side, near iron bridge.....  | 1      | 7      |
| High.        | East side High, opposite Summit.....                                     | 1      | 1      |
| "            | North-west corner High and Maple.....                                    | 1      | 1      |
| "            | North-west corner High and Spring.....                                   | 1      | 3      |
| Washington.  | South-east corner Washington and Union.....                              | 1      | 1      |
| "            | South side Washington, opposite John Whitaker's.....                     | 1      | 1      |
| "            | South side Washington, opposite Charles.....                             | 1      | 1      |
| "            | South side Washington, near Contoocook bridge.....                       | 1      | 4      |
| Charles.     | South-west corner Charles and Warren.....                                | 1      | 1      |
| "            | North side Charles, near Geo. W. Corey's.....                            | 1      | 2      |
| West Canal.  | South-east corner West Canal and Warren.....                             | 1      | 1      |
| East Canal.  | North side East Canal, near Contoocook Mfg. Co.....                      | 1      | 1      |
| "            | North side East Canal, near Crescent.....                                | 1      | 2      |
| Merrimack.   | South side Merrimack, opposite Merrimack avenue.....                     | 1      | 1      |

FIRE-HYDRANTS—*Concluded.*

| STREETS.                              | LOCATIONS.  | Number | Total. |
|---------------------------------------|---|--------|--------|
| Merrimack.                            | North side Merrimack, opposite D. W. Fox's.....         | 1      |        |
| "                                     | North side Merrimack, opposite Cross.....               | 1      |        |
| "                                     | South side Merrimack, opposite Rolfe's shop.....        | 1      |        |
| "                                     | North side Merrimack, near road to Island.....          | 1      |        |
| "                                     | North-west corner Merrimack and Penacook.....           | 1      | 6      |
| Summer.                               | North side Summer, opposite High.....                   | 1      |        |
| "                                     | North-east corner Summer and Centre.....                | 1      | 2      |
| Spring.                               | North-east corner Spring and Church.....                | 1      | 1      |
| Centre.                               | North-west corner Centre and Spring.....                | 1      | 1      |
| Cross.                                | South-west corner Cross and Summer.....                 | 1      | 1      |
| Rolfe.                                | North side Rolfe, near James Corbett's.....             | 1      |        |
| "                                     | North-west corner Rolfe and Penacook.....               | 1      | 2      |
| Whole number of public hydrants.....  |   |        | 204    |
| PRIVATE HYDRANTS.                     |   |        |        |
|                                       | Concord Railroad yard, 3 post and 3 flush hydrants..... | 6      |        |
|                                       | Northern Railroad yard, 4 post hydrants.....            | 4      |        |
|                                       | New state prison.....                                   | 3      |        |
|                                       | Old state prison yard.....                              | 1      |        |
|                                       | Abbot-Downing Co.'s yard.....                           | 4      |        |
|                                       | Page Belting Co.'s yard.....                            | 2      |        |
|                                       | W. P. Ford & Co.'s yard.....                            | 1      |        |
|                                       | N. H. Asylum for Insane yard.....                       | 1      |        |
|                                       | Concord Gas Light Co.'s yard.....                       | 1      |        |
|                                       | S. Paul's school.....                                   | 1      |        |
| Whole number of private hydrants..... |   |        | 24     |



STREET DEPARTMENT.



## STREET DEPARTMENT.

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### REPORT OF THE COMMISSIONER OF HIGHWAYS.

During the season a new wooden bridge with stone abutments has been built across the Soucook river at Clough's Mills, at an expense of \$1,681.50, of which one half was paid by the town of Pembroke, making the outlay for the city \$840.75. The new bridge takes the place of one that had been standing many years upon wooden abutments, and which had become entirely unsafe.

One bridge at Penacook, in the Borough district, has been newly shingled; the twin bridge in Penacook district, and the one at Sewall's Falls, will need to be repaired in the same way next season.

I would recommend the paving of Bridge street, between Main street and the dry bridge over the railroads. The road is exceedingly muddy in wet weather, and the expense incurred by such an improvement would be amply repaid.

Very little Macadamizing has been done the past year.

The extension of High street has been built the past season, at an expense of \$3,800.

The constant call for new streets and sidewalks, and the cost of building them, necessitates a considerable increase in the expenses each year.

Respectfully submitted :

ALFRED CLARK,

*Commissioner of Highways.*

There has also been paid to the city treasurer the sum of \$1,807.79, for amounts collected of abutters for their proportions of concrete sidewalks, as follows:

**RECEIPTS.**

|  |         |
|--|---------|
| Mrs. B. F. Dunklee estate, . . . . .       | \$16.49 |
| Patrick McKeone, . . . . .                 | 16.73   |
| C. C. Nutter, . . . . .                    | 7.55    |
| W. W. Brown, West Concord, . . . . .       | 30.21   |
| D. Cutting, . . . . .                      | 15.90   |
| Walter Blanchard, . . . . .                | 15.52   |
| W. P. Fowler, . . . . .                    | 59.68   |
| Miss E. E. Foster, . . . . .               | 13.12   |
| Mrs. J. G. Thompson, . . . . .             | 14.29   |
| R. H. Emery, West Concord, . . . . .       | 14.30   |
| Tahanto Real Estate Association, . . . . . | 248.94  |
| F. W. Rollins, . . . . .                   | 181.51  |
| J. M. Stewart Sons' Co., . . . . .         | 51.15   |
| Mrs. G. W. Crockett, . . . . .             | 9.99    |
| C. J. Pelisser, . . . . .                  | 18.00   |
| G. B. Hall, . . . . .                      | 13.83   |
| James Collins, . . . . .                   | 63.12   |
| J. R. Mudgett, . . . . .                   | 13.70   |
| O. L. Shepard, West Concord, . . . . .     | 45.30   |
| George F. Tandy, . . . . .                 | 29.35   |
| James E. Knuckey, . . . . .                | 24.90   |
| John Halloran, . . . . .                   | 21.80   |
| William Ahern, . . . . .                   | 25.16   |
| B. Ouellette, . . . . .                    | 16.18   |
| Sarah Towle, . . . . .                     | 45.84   |
| Charles Mahagan, . . . . .                 | 13.94   |
| Olive P. Pitman, . . . . .                 | 17.84   |
| E. B. Hutchinson, . . . . .                | 8.04    |
| Pitman & Fowler, . . . . .                 | 25.08   |
| O. V. Pitman, . . . . .                    | 41.85   |
| Unitarian church, . . . . .                | 40.31   |
| W. J. Ahern, . . . . .                     | 48.45   |
| N. E. Martin, . . . . .                    | 14.77   |
| Martin & Ahern, . . . . .                  | 25.39   |

## STREET DEPARTMENT.

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|   |         |            |
|---|---------|------------|
| Mrs. Henry C. Woodfork, . . . . .             | \$29.19 |            |
| Concord Mfg. Co., . . . . .                   | 195.26  |            |
| John Dow, West Concord, . . . . .             | 65.10   |            |
| Mrs. G. A. Glover, . . . . .                  | 16.05   |            |
| James Ryan, . . . . .                         | 16.60   |            |
| George H. Mills, . . . . .                    | 4.44    |            |
| J. H. Ford, . . . . .                         | 49.88   |            |
| Nancy Dutton, . . . . .                       | 50.21   |            |
| Union School District, High school, . . . . . | 132.83  |            |
|   | <hr/>   | \$1,807.79 |

The concrete bills remaining unpaid are those of

|                               |         |         |
|-------------------------------|---------|---------|
| Walter Bates, . . . . .       | \$56.40 |         |
| Mrs. S. A. Woodman, . . . . . | 6.08    |         |
|                               | <hr/>   | \$62.48 |

## SPRINKLING THE STREETS.

The following account of the receipts and expenditures for sprinkling the streets, for the season of 1891, is inserted for the information of the public :

**RECEIPTS.**

## NORTH MAIN STREET.

## EAST SIDE.

|                       |        |                          |        |
|-----------------------|--------|--------------------------|--------|
| G. B. Emmons,         | \$3.00 | H. W. Stevens,           | \$1.00 |
| Moseley & Co.,        | 2.00   | D. E. Murphy, 1890-'91,  | 6.00   |
| N. H. Dem. Press Co., | 3.00   | T. W. & J. H. Stewart,   | 5.00   |
| Scribner & Britton,   | 2.00   | F. P. Mace,              | 3.00   |
| W. F. Danforth & Son, | 2.00   | E. B. Davis,             | 1.00   |
| Batchelder & Co.,     | 5.00   | Sleeper & Hood,          | 5.00   |
| G. A. Berry & Co.,    | 3.00   | Piper & Ballou,          | 3.00   |
| J. E. Pecker,         | 1.00   | Shaw & Jackson,          | 5.00   |
| A. P. Fitch,          | 3.00   | Humphrey & Dodge,        | 10.00  |
| E. H. Rollins & Son,  | 3.00   | Eagle,                   | 6.00   |
| W. A. Thompson,       | 3.00   | W. U. Tel. Co.,          | 3.00   |
| F. E. Colburn,        | 2.00   | N. H. Savings Bank,      | 5.00   |
| N. G. Carr,           | 3.00   | J. M. Stewart Sons' Co., | 5.00   |
| F. Reed & Co.,        | 5.00   | W. P. Underhill & Co.,   | 3.00   |
| Thompson & Hoague,    | 5.00   | J. C. Thorne,            | 5.00   |
| G. A. Young,          | 1.00   | G. W. Wadleigh,          | 1.50   |
| Phenix,               | 7.00   | F. H. George,            | 2.00   |
| F. E. Nelson,         | 5.00   | S. Wardner,              | 2.00   |
| Brown & Currier,      | 3.00   | M. Bateman,              | 2.00   |
| Eagle Clothing House, | 3.00   | E. E. Fisher,            | 2.00   |
| Holland & Derby,      | 3.00   | J. Welcome,              | 1.00   |
| M. Wolfe,             | 5.00   | H. W. Brickett,          | 3.00   |
| Thurston & Emmons,    | 3.00   | A. C. Sanborn,           | 3.00   |
| C. N. Towle,          | 1.00   | E. H. Randall,           | 2.00   |
| G. K. Mellen,         | 3.00   | T. Hiland,               | 3.00   |
| Smith & Jenkins,      | 3.00   | W. H. Pitman,            | 2.00   |
| E. B. Crapo,          | 3.00   | Mrs. O. Stearns,         | 5.00   |

## STREET DEPARTMENT.

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|                            |        |                  |          |
|----------------------------|--------|------------------|----------|
| G. P. Conn,                | \$5.00 | C. S. Parker,    | \$2.00   |
| W. Odlin,                  | 2.00   | W. G. Carter,    | 5.00     |
| W. W. Niles,               | 2.00   | P. H. Larkin,    | 2.00     |
| J. A. White,               | 3.00   | J. F. Healey,    | 1.00     |
| W. K. & Mrs. A. McFarland, | 5.00   | S. S. Kimball,   | 7.00     |
| J. F. Morrill,             | 2.00   | C. T. Page,      | 2.00     |
| S. A. Dow,                 | 2.00   | J. B. Walker,    | 7.00     |
| Mrs. M. C. H. Seavey,      | 2.00   | Geo. H. Marston, | 2.00     |
| H. Tucker,                 | 2.00   |                  |          |
| F. S. Streeter,            | 3.00   |                  | \$227.50 |
| Mrs. J. Abbott,            | 2.00   |                  |          |

## WEST SIDE.

|                           |        |                          |        |
|---------------------------|--------|--------------------------|--------|
| Perkins & Berry,          | \$5.00 | Silsby & Son,            | \$3.00 |
| G. W. Dudley,             | 3.00   | W. C. & I. T. Chesley,   | 3.00   |
| Holt & Collins,           | 1.00   | J. S. Hubbard,           | 1.50   |
| D. W. Sullivan & Co.,     | 3.00   | J. B. Sanborn,           | 3.00   |
| C. H. Martin & Co.,       | 3.00   | E. W. Willard,           | 3.00   |
| G. H. Moore,              | 2.00   | E. E. Clarke,            | 2.00   |
| T. S. Lovely,             | 2.00   | G. L. Hooper,            | 1.00   |
| W. K. Day,                | 1.50   | C. F. Thompson,          | 2.00   |
| D. M. Camp,               | 3.00   | W. H. Dunlap & Co.,      | 3.00   |
| H. F. Wyatt & Co.,        | 3.00   | J. Brogini,              | 2.00   |
| State Capital Bank,       | 5.00   | L. E. Currier,           | 2.00   |
| Stevens & Duncklee,       | 3.00   | C. E. Otis,              | 5.00   |
| F. A. Bates,              | 3.00   | Reed & Mudgett,          | 2.00   |
| First National Bank,      | 5.00   | J. H. Lamprey,           | 2.00   |
| Morrill Brothers,         | 3.00   | S. A. Bowers,            | 3.00   |
| C. G. Blanchard,          | 2.00   | W. D. Merrick,           | 5.00   |
| Mrs. F. Pearson,          | 2.00   | Miss S. Stickney,        | 1.00   |
| A. P. Sherburne,          | 2.00   | F. Battles,              | 1.00   |
| J. R. Hill & Co.,         | 5.00   | D. C. Roberts,           | 3.00   |
| J. Hazelton & Son,        | 3.00   | W. P. Ford & Co.,        | 3.00   |
| Chase, Streeter & Walker, | 2.00   | H. Robinson,             | 2.00   |
| Morrill & Danforth,       | 2.00   | T. J. Sullivan,          | 2.00   |
| H. N. Newell,             | 3.00   | Haley Manufacturing Co., | 3.00   |
| D. R. Bean,               | 3.00   | W. F. Carr,              | 2.00   |
| Underhill & Kittredge,    | 3.00   | A. P. Carpenter,         | 3.00   |
| Mechanicks National Bank, | 5.00   | G. F. Page,              | 2.00   |
| G. T. Comins,             | 2.00   | H. McFarland,            | 5.00   |
| W. E. Hunt,               | 3.00   | J. P. George,            | 2.00   |
| R. F. Robinson,           | 2.00   | M. R. Holt,              | 2.00   |

|              |        |               |                   |
|--------------|--------|---------------|-------------------|
| W. P. Fiske, | \$5.00 | E. S. Nutter, | \$2 00            |
| E. Gerrish,  | 5.00   |               | <u>          </u> |
|              |        |               | \$170.00          |

## SOUTH MAIN STREET.

|                             |        |                                |                   |
|-----------------------------|--------|--------------------------------|-------------------|
| S. C. Morrill,              | \$3.00 | J. H. Abbot,                   | \$5 00            |
| E. G. Cummings,             | 1.00   | S. Mary's School,              | 3.00              |
| Cummings Brothers,          | 3.00   | Mrs. F. Low,                   | 2.00              |
| E. J. Hill,                 | 5.00   | Mrs. C. C. Lund,               | 3.00              |
| L. A. Smith,                | 3.00   | S. A. Carter,                  | 3.00              |
| L. B. Hoit & Co.,           | 1 50   | B. A. Kimball,                 | 5.00              |
| Nelson & Durrell,           | 1.50   | J. M. Hill,                    | 3.00              |
| D. J. Murphy,               | 2.00   | Mrs. A. F. Holt,               | 3.00              |
| H. O. Marsh,                | 3.00   | C. H. Thorndike,               | 3.00              |
| W. A. Bean & Co.,           | 2.00   | Mrs. J. A. Eames,              | 5.00              |
| C. C. Webster,              | 2.00   | J. E. Barry,                   | 5.00              |
| Mrs. J. L. Pickering,       | 3.00   | Miss M. A. Downing,            | 10.00             |
| Mrs. H. B. Tebbetts,        | 5.00   | Abbot-Downing Co.,             | 5.00              |
| C. H. Peacock & W. L. Hood, | 2.00   | J. Benson,                     | 2.00              |
| W. W. Cloud & G. W. Greer,  | 2.00   | N. N. Willis & J. M. Tilton,   | 2.00              |
| G. B. Whittredge,           | 3.00   | S. A. Peverley & H. R. Bugbee, | 2.00              |
| I. M. Savage & Son,         | 3.00   | W. G. Gage,                    | 2.00              |
| J. C. Norris & Co.,         | 3.00   | I. L. Pickering,               | 2.00              |
| J. S. Norris,               | 2 00   |                                | <u>          </u> |
| F. Evans,                   | 2.00   |                                | \$117.00          |

## NORTH STATE STREET.

|                      |        |                              |        |
|----------------------|--------|------------------------------|--------|
| F. W. Rollins,       | \$5.00 | Mrs. C. Howe,                | \$3.00 |
| C. E. Burnside,      | 2.00   | H. L. Rand,                  | 2.00   |
| W. L. Foster,        | 3.00   | First Baptist Society,       | 3.00   |
| E. C. Dutton,        | 2.00   | J. H. Gallinger,             | 2.00   |
| Mrs. I. Hamilton,    | 2.00   | J. A. Dadmun,                | 2.00   |
| G. Walker,           | 3 00   | J. W. Merrill,               | 2.00   |
| G. T. Comins,        | 3.00   | F. Allison & J. S. Matthews, | 2.00   |
| P. Kittredge,        | 3.00   | H. H. Dudley,                | 3.00   |
| B. F. Virgin,        | 2.00   | C. R. Sanborn &              |        |
| A. D. Ayling,        | 3.00   | A. J. Batchelder,            | 2.00   |
| Mrs. A. B. Thompson, | 3.00   | H. E. Abbott,                | 2.00   |
| N. F. Lund,          | 2.00   | J. E. Robertson,             | 3.00   |
| F. L. Sanders,       | 2.00   | Mrs. L. B. Morrill,          | 3.00   |
| P. M. Randall,       | 2.00   | Mrs. O. Pillsbury,           | 3.00   |
| B. E. Badger,        | 2.00   | W. A. Richmond & G. C. Roy,  | 2.00   |

## STREET DEPARTMENT.

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|                               |        |                   |                |
|-------------------------------|--------|-------------------|----------------|
| P. H. Schoonmaker &           |        | Miss Mary Pierce, | \$3.00         |
| J. C. Tilton,                 | \$2.00 | A. R. Ayers,      | 2.00           |
| John Kimball,                 | 5.00   | J. C. Ordway,     | 2.00           |
| R. T. Crowell & C. H. Martin, | 2.00   |                   |                |
| N. White,                     | 3.00   |                   | <u>\$92 00</u> |

## SOUTH STATE STREET.

|                            |        |                               |                |
|----------------------------|--------|-------------------------------|----------------|
| H. W. Clapp,               | \$2.00 | J. Burgum,                    | \$2.00         |
| G. B. Emmons,              | 2.00   | W. S. Wilson,                 | 2.00           |
| F. E. Gale,                | 2 00   | N. E. Elkin,                  | 2.00           |
| T. Sargent,                | 2.00   | A. P. Chesley,                | 3 00           |
| W. H. Alexander,           | 2.00   | G. E. Todd,                   | 3 00           |
| S. Holt,                   | 2.00   | Mrs. C. Parker,               | 2.00           |
| C. Thurston,               | 2.00   | S. P. Danforth,               | 2.00           |
| F. Webster,                | 2.00   | P. Flanders,                  | 2 00           |
| D. D. Taylor,              | 3.00   | C. P. Virgin,                 | 2.00           |
| G. H. Emery,               | 3.00   | J. L. Mason & W. Burbank,     | 2.00           |
| J. C. Norris,              | 3.00   | C. Nutting & O. S. Snell,     | 2 00           |
| F. B. Scribner,            | 2.00   | H. C. Sturtevant & H. Rolfe,  | 2.00           |
| D. D. Brainerd,            | 2.00   | J. H. Caswell &               |                |
| T. H. Ford,                | 3.00   | I. S. R. Sanborn,             | 2 00           |
| J. Minot,                  | 3.00   | A. Atherton & D. S. Flanders, | 2.00           |
| H. M. Cook & J. L. French, | 2.00   | C. W. Pearl,                  | 1 00           |
| G. L. Wilson,              | 2.00   |                               | <u>\$74.00</u> |
| Sisters of Mercy,          | 2.00   |                               |                |
| L. Lawrence,               | 2 00   |                               |                |

## GREEN STREET.

|                    |        |                 |                |
|--------------------|--------|-----------------|----------------|
| Mrs. M. S. Osgood, | \$2.00 | W. W. Stone,    | \$2.00         |
| J. A. Cochran,     | 2.00   | J. H. Morey,    | 2.00           |
| D. C. Woodman,     | 2.00   | U. C. Stable,   | 2.00           |
| P. F. Stevens,     | 2.00   | N. M. Locke,    | 2.00           |
| C. H. Duncklee,    | 2.00   | J. H. Toof,     | 2.00           |
| H. W. Clough,      | 2.00   | F. W. Messe,    | 2.00           |
| C. C. Danforth,    | 2.00   | C. P. Witham,   | 2.00           |
| T. W. Young,       | 2.00   | A. B. Sargent,  | 2.00           |
| W. Gilmore,        | 2.00   | Mrs. W. Walker, | 2.00           |
| H. O. Adams,       | 2.00   |                 |                |
| Mrs. G. Bullock,   | 1.50   |                 | <u>\$41.50</u> |
| E. M. Howe,        | 2.00   |                 |                |

## PLEASANT STREET.

|                      |        |                      |                |
|----------------------|--------|----------------------|----------------|
| H. E. Chamberlain,   | \$5.00 | Morrison & Searles,  | \$2.00         |
| G L. Stratton,       | 5.00   | Mrs. M. C. Warde,    | 2.00           |
| L. Downing, Jr.,     | 5.00   | Mrs. M. J. Marshall, | 2.00           |
| E. Dow,              | 5.00   | Mrs. E. G. Crockett, | 2.00           |
| N. H. Asylum,        | 10.00  | E. J. Aiken,         | 2.00           |
| Mrs. J. P. Bancroft, | 4.00   | Wm. Wright,          | 2.00           |
| Mrs. R. N. Corning,  | 3.00   | E N. Spencer,        | 2.00           |
| G. H. H. Silsby,     | 3 00   | Mrs. W. H. Bartlett, | 2.00           |
| W. Russell,          | 3.00   | W. R. Walker,        | 2.00           |
| F. A. Stillings,     | 3.00   | J. T. Sleeper,       | 2.00           |
| D. E. Clarke,        | 2.00   | W. L. Himes &        |                |
| D. E. Willard,       | 2.00   | H. A. Kendall,       | 2.00           |
| F. Coffin,           | 2.00   | Lee Brothers,        | 1.00           |
| Jerome Ford,         | 2.00   | Goold & Gordon,      | 1.00           |
| S. R. Dole,          | 2.00   | Mrs. H. W. Fuller,   | 3.00           |
| McDonald & Fisher,   | 3.00   |                      |                |
| Waters & Main,       | 2.00   |                      | <u>\$88.00</u> |

## WARREN STREET.

|                   |        |                             |                |
|-------------------|--------|-----------------------------|----------------|
| J. Minot,         | \$5.00 | T. Kerley,                  | \$2.00         |
| P. Planchette,    | 5.00   | H. C. Sturtevant & Son,     | 2.00           |
| Mrs H. A. Bridge, | 5.00   | C. White,                   | 2.00           |
| M. Humphrey,      | 3.00   | O. Morrill,                 | 3.00           |
| S. Humphrey,      | 3.00   | P. Trudeau,                 | 2.00           |
| H. E. Worcester,  | 3.00   | T. W. Illman,               | 2.00           |
| H. W. Stevens,    | 3.00   | W. G. C. Kimball,           | 2.00           |
| W. A. Clough,     | 2.00   | T. Stuart,                  | 2.00           |
| Mrs. A. Fletcher, | 2.00   | F. E. Brown,                | 2.00           |
| H. A. Mann,       | 2.00   | W. Ladd & E. O. Lord,       | 2.00           |
| D. L. Mandigo,    | 2.00   | J. H. Toof & C. F. Welcome, | 2.00           |
| W. W. Taylor,     | 2.00   | C. A. Thompson &            |                |
| J. D. Perkins,    | 2.00   | S. K. Blanchard,            | 2.00           |
| A. C. Ferrin,     | 2.00   | S. Sewall,                  | 1.50           |
| D. Hazelton,      | 2.00   |                             |                |
| N. P. Rines,      | 2.00   |                             | <u>\$71.50</u> |

## CAPITOL STREET.

|                |        |                   |                |
|----------------|--------|-------------------|----------------|
| Gas Light Co., | \$3.00 | A. W. Davis,      | \$1.00         |
| Mrs. N. White, | 5.00   | U. S. Government, | 25.00          |
| Geo. Goodhue,  | 2.00   |                   |                |
| I. C. Evans,   | 2.00   |                   | <u>\$38.00</u> |

## STREET DEPARTMENT.

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## PARK STREET.

|                     |        |                   |         |
|---------------------|--------|-------------------|---------|
| W. M. Mason,        | \$2.00 | Mrs. W. Coffin,   | \$1.00  |
| E. A. Stockbridge & |        | U. S. Government, | 25.00   |
| Mrs. A. L. Drew,    | 2.00   |                   | <hr/>   |
| C. R. Walker &      |        |                   | \$32.00 |
| D. E. Sullivan,     | 2.00   |                   |         |

## SCHOOL STREET.

|                 |        |                                |         |
|-----------------|--------|--------------------------------|---------|
| J. H. Rowell,   | \$3.00 | Mrs. L. M. Morrill,            | \$1.50  |
| Mrs. N. White,  | 3.00   | E. W. Abbot & W. J. Coffin,    | 2.00    |
| J. Woods,       | 2.00   | G. W. Carter & P. Pillsbury,   | 2.00    |
| L. R. Fellows,  | 2.00   | N. C. Nelson & P. A. Clifford, | 2.00    |
| L. E. Currier,  | 2.00   | Mrs. C. D. Y. Blake,           | 1.00    |
| F. S. Crawford, | 2.00   | Mrs. S. Webster & J. B. Colby, | 2.00    |
| W. S. Baker,    | 2.00   |                                | <hr/>   |
| W. B. Durgin,   | 2.00   |                                | \$28.50 |

## FREIGHT STREET.

|                             |        |                  |        |
|-----------------------------|--------|------------------|--------|
| Ranlet & Marsh,             | \$3.00 | A. P. Davis &    |        |
| M. V. B. Davis,             | 2.00   | H. T. Dickerman, | \$2.00 |
| J. G. Crowley & R. W. Cate, | 2.00   |                  | <hr/>  |
|                             |        |                  | \$9.00 |

## BRIDGE STREET.

|                     |        |                |        |
|---------------------|--------|----------------|--------|
| Dickerman & Co.,    | \$3.00 | F. S. Johnson, | \$1.00 |
| Crowley & Staniels, | 1.00   |                | <hr/>  |
|                     |        |                | \$5.00 |

## NORTH SPRING STREET.

|                         |        |                              |         |
|-------------------------|--------|------------------------------|---------|
| L. C. Merrill,          | \$2.00 | D. L. Gage & H. H. Metcalf,  | \$2.00  |
| G. A. Foster,           | 2.00   | J. R. Miller & J. Brice,     | 2.00    |
| C. C. Webster,          | 2.00   | A. Williamson &              |         |
| F. A. Tenney,           | 2.00   | D. S. O. Connell,            | 2.00    |
| L. H. Buntin,           | 2.00   | G. H. Russ & G. W. Hill,     | 2.00    |
| Mrs. A. C. Heath,       | 2.00   | G. A. Brown & E. A. Courser, | 2.00    |
| A. Wilson,              | 2.00   | Mrs. M. A. Crague,           | 1.00    |
| J. H. Hamilton,         | 2.00   |                              | <hr/>   |
| H. Goodwin & C. West,   | 2.00   |                              | \$31.00 |
| F. V. Osgood & O. Reed, | 2.00   |                              |         |

## SOUTH SPRING STREET.

|                  |        |                     |                |
|------------------|--------|---------------------|----------------|
| J. E. Rand,      | \$2.00 | Mrs. L. A. Storrs & |                |
| L. H. Carroll,   | 2.00   | C. H. Osgood,       | \$2.00         |
| R. N. Philbrick, | 2.00   | Mrs. E. N. Doyen &  |                |
| S. A. Currier,   | 2.00   | B. M. Locke,        | 2.00           |
| J. Y. Lane,      | 2.00   |                     |                |
| Mrs. A. Wood,    | 1.50   |                     | <u>\$15.50</u> |

## SOUTH STREET.

|                    |        |                      |                |
|--------------------|--------|----------------------|----------------|
| H. W. Ranlet,      | \$5.00 | Mrs. C. E. Hutchins, | \$3.00         |
| J. F. Jones,       | 5.00   | J. P. Nutter,        | 3.00           |
| Mrs. A. Downing,   | 5.00   | N. M. Carter,        | 3.00           |
| G. C. Hopkinson,   | 5.00   | A. H. Messer,        | 2.00           |
| Mrs. W. Harriman,  | 5.00   | T. H. Barker,        | 2.00           |
| Mrs. J. M. Little, | 4.00   | J. K. Ewer,          | 1.00           |
| F. Cressey,        | 3.00   |                      |                |
| H. C. Brown,       | 3.00   |                      | <u>\$49.00</u> |

## CENTRE STREET.

|                  |        |                             |                |
|------------------|--------|-----------------------------|----------------|
| D. Webster,      | \$3 00 | C. A. Kendall,              | \$2.00         |
| N. P. Stevens,   | 2.00   | G. Walker,                  | 2.00           |
| D. C. Allen,     | 2.00   | J. H. Gallinger,            | 2.00           |
| J. W. Bourlet,   | 2.00   | J. Rollins,                 | 1.50           |
| G. M. Savage,    | 2.00   | M. Gurley & W. T. Packard,  | 2.00           |
| J. C. Badger,    | 3.00   | J. Harriot & J. R. Huntley, | 2.00           |
| Mrs. J. C. Shaw, | 2 00   | H. Roers & F. S. Johnson,   | 2.00           |
| George Cook,     | 2.00   | H. S. Ordway,               | 1.00           |
| I. A. Watson,    | 2.00   |                             |                |
| H. M. Sinclair,  | 2.00   |                             | <u>\$36.50</u> |

## THOMPSON STREET.

|                  |        |                              |                |
|------------------|--------|------------------------------|----------------|
| J. W. Sleeper,   | \$2.00 | O. T. Carter,                | \$2.00         |
| R. M. Morgan,    | 2.00   | C. H. Sanders & H. Carter,   | 2 00           |
| S. A. Carter,    | 2.00   | W. H. Durant & G. K. Mellen, | 2.00           |
| Mrs. C. C. Lund, | 2.00   | C. B. Flanders & N. Saltus,  | 2.00           |
| W. J. Greene,    | 2.00   | Mrs. N. M. Carter &          |                |
| F. P. Virgin,    | 2.00   | C. H. Sibley,                | 2.00           |
| J. C. Ordway,    | 2.00   | W. M. Colby,                 | 2.00           |
| T. W. Pillsbury, | 2.00   | W. Sargent,                  | 1.00           |
| C. L. Brown,     | 2 00   |                              |                |
| E. N. Spencer,   | 2.00   |                              | <u>\$35.00</u> |
| N. G. Cairr,     | 2.00   |                              |                |

## STREET DEPARTMENT.

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## FISKE STREET.

|                     |        |                |         |
|---------------------|--------|----------------|---------|
| S. S. Kimball,      | \$5.00 | A. A. Currier, | \$2 00  |
| M. D. Cummings,     | 5.00   | A. C. Hardy,   | 2.00    |
| V. C. Hastings,     | 5 00   |                | <hr/>   |
| S. C. Eastman,      | 5 00   |                | \$27.00 |
| Mrs. I. W. Hammond, | 3 00   |                |         |

## DEPOT STREET.

|                         |        |               |        |
|-------------------------|--------|---------------|--------|
| Republican Press Asso., | \$3.00 | Mrs. C. Hart, | \$1.00 |
| L. A. Smith,            | 2.00   |               | <hr/>  |
| H. E. Conant,           | 2.00   |               | \$8 00 |

## FAYETTE STREET.

|                   |        |                  |         |
|-------------------|--------|------------------|---------|
| S. Mary's School, | \$2.00 | W. K. Day,       | \$1 50  |
| Mrs. J. S. Lund,  | 2.00   | C. G. Remick,    | 1 50    |
| G. W. Wales,      | 2.00   | M. B. Smith,     | 1.00    |
| B. F. Hardy,      | 2.00   | C. G. Sherburne, | 1.50    |
| G. H. Emery,      | 2.00   |                  | <hr/>   |
| W. E. Emerson,    | 1.50   |                  | \$17.00 |

## WASHINGTON STREET.

|                             |        |                              |         |
|-----------------------------|--------|------------------------------|---------|
| First Cong Soc.,            | \$3 00 | J. F. Harriman &             |         |
| H. W. Brickett,             | 2.00   | G. P. Cleaves,               | \$2.00  |
| A. Folger,                  | 2 00   | G. S. Foster & W. D. Thomes, | 2.00    |
| J. R. Howe & S. M. Griffin, | 2.00   | Byron Moore,                 | 1 00    |
|                             |        |                              | <hr/>   |
|                             |        |                              | \$14.00 |

## COURT STREET.

|                  |        |             |         |
|------------------|--------|-------------|---------|
| J. H. Pearson,   | \$3.00 | E. F. Mann, | \$2.00  |
| E. B. Woodworth, | 3.00   |             | <hr/>   |
| J. B. Rand,      | 2.00   |             | \$10.00 |

## MERRIMACK STREET.

|                  |        |                 |         |
|------------------|--------|-----------------|---------|
| F. K. Jones,     | \$3.00 | J. S. Crockett, | \$3 00  |
| G. F. Underhill, | 2.00   | Mrs. M. Marden, | 3.00    |
| J. L. Clark,     | 2.00   | J. F. Moseley,  | 1.00    |
| F. Moseley,      | 2.00   |                 | <hr/>   |
|                  |        |                 | \$16 00 |

## CITY OF CONCORD.

## PINE STREET.

|                |        |                 |                 |
|----------------|--------|-----------------|-----------------|
| H. A. Dodge,   | \$3 00 | W. D. Thompson, | \$2 00          |
| E. H. Woodman, | 3.00   |                 | <u>        </u> |
| Mrs. A. Dodge, | 2.00   |                 | \$10 00         |

## LAUREL STREET.

|                   |        |                              |                 |
|-------------------|--------|------------------------------|-----------------|
| E. B. Hutchinson, | \$5.00 | Mrs. G. W. Phipps &          |                 |
| L. H. James,      | 3.00   | J. A. Dearborn,              | \$2.00          |
| S. F. Prescott,   | 3.00   | M. S. Lull & W. H. King,     | 2.00            |
| J. Smith,         | 2.00   | J. W. McNaughton &           |                 |
| E. Ferrin,        | 2.00   | G. A. Huntoon,               | 2.00            |
| G. W. Abbott,     | 2.00   | E. L. F. Lull & F. E. Chase, | 1 50            |
| T. Sweeney,       | 2.00   | L. H. Smith,                 | 1.00            |
| J. H. Lane,       | 2.00   |                              | <u>        </u> |
| L. W. Bean,       | 2.00   |                              | \$31.50         |

## ORCHARD STREET.

|                  |        |                  |                 |
|------------------|--------|------------------|-----------------|
| F. K. Jones,     | \$2.00 | A. G. Jones,     | \$2 00          |
| H. A. Dodge,     | 2.00   | A. P. Sherburne, | 1 00            |
| E. H. Woodman,   | 2.00   |                  | <u>        </u> |
| G. F. Underhill, | 2 00   |                  | \$11.00         |

## FRANKLIN STREET.

|                     |        |               |                 |
|---------------------|--------|---------------|-----------------|
| Mrs. E. H. Rollins, | \$5.00 | J. C. French, | \$2.00          |
| R. F. Robinson,     | 2.00   |               | <u>        </u> |
| F. D. Ayer,         | 2 00   |               | \$11.00         |

## PEARL STREET.

|                             |        |                    |                 |
|-----------------------------|--------|--------------------|-----------------|
| M. J. Pratt,                | \$3.00 | J. T. Woodbury &   |                 |
| W. D. Wallace &             |        | H. L. Sanders,     | \$1.00          |
| S. C. Edgerley,             | 2.00   | Nellie M. Merrill, | 1.00            |
| E. H. Dixon & F. E. Healy,  | 2 00   |                    | <u>        </u> |
| H. N. Johnson & F. Battles, | 2.00   |                    | \$13.00         |
| H. S. Dunlap & C. Smart,    | 2.00   |                    |                 |

## RECAPITULATION.

|   |                   |
|---|-------------------|
| North Main street, East side, . . . . . | \$227.50          |
| North Main street, West side, . . . . . | 170 00            |
| South Main street, . . . . .            | 117.00            |
| North State street, . . . . .           | 92.00             |
| South State street, . . . . .           | 74.00             |
| Green street, . . . . .                 | 41 50             |
| Pleasant street, . . . . .              | 88.00             |
| Warren street, . . . . .                | 71.50             |
| School street, . . . . .                | 28.50             |
| Capitol street, . . . . .               | 38.00             |
| Park street, . . . . .                  | 32 00             |
| South street, . . . . .                 | 49.00             |
| Freight street, . . . . .               | 9.00              |
| Bridge street, . . . . .                | 5.00              |
| North Spring street, . . . . .          | 31 00             |
| South Spring street, . . . . .          | 15 50             |
| Thompson street, . . . . .              | 35.00             |
| Fiske street, . . . . .                 | 27.00             |
| Depot street, . . . . .                 | 8.00              |
| Centre street, . . . . .                | 36.50             |
| Fayette street, . . . . .               | 17 00             |
| Washington street, . . . . .            | 14.00             |
| Court street, . . . . .                 | 10.00             |
| Merrimack street, . . . . .             | 16.00             |
| Pine street, . . . . .                  | 10.00             |
| Laurel street, . . . . .                | 31.50             |
| Orchard street, . . . . .               | 11 00             |
| Franklin street, . . . . .              | 11 00             |
| Pearl street, . . . . .                 | 13 00             |
| Total, . . . . .                        | <u>\$1,329.50</u> |

The collection of subscriptions for the street-sprinkling has been attended to, as heretofore, by Howard M. Cook, and the results are as satisfactory as could be expected under the present system.

The full account of individual subscriptions is presented for the information of the public.

All of which is respectfully submitted, as supplementary to the report, by

ALFRED CLARK,  
*Commissioner of Highways.*

REPORT OF THE COMMITTEE ON SEWERS  
AND DRAINS.

---

*To the City Council :*

The Committee on Sewers and Drains would respectfully submit their report for the year ending December 31, 1891 :

|  |            |            |
|--|------------|------------|
| Regular appropriation for sewers, . . . . .            |            | \$7,000.00 |
| Amount received in orders on city treasurer, . . . . . | \$3,279.63 |            |
| Amount returned to city treasurer, not used, . . . . . | 25.00      | 3,254.63   |
|  |            |            |
| Balance unexpended, . . . . .                          |            | \$3,745.37 |

It will be seen by a reference to the detailed account here given that there has been laid during the past year 3,351 feet of Akron sewer-pipe, in various streets mentioned, and repairs and improvements have also been made on some of the old sewers. As near as is practicable, an approximate cost on each line of street is here given, and it includes labor, sewer-pipe, cement, and, where man-holes were built, the brick and iron castings used in their construction. In the cost of the Curtis avenue and Prospect street sewer, and its extension, it also includes the land damages and the expense of moving the stone in Harry Phillips's stone-yard,—the whole amounting to \$80.00. The variation in the amount of the subdivisions and the full sum expended, arises from the incidental expenses for tools, teaming, sewer plans, surveying, etc., which could not be assigned to any particular street.

|  |  |          |
|--|--|----------|
| School street, 124 feet 8-inch pipe, and 128 feet 10-inch pipe, . . . . .  |  | \$131.18 |
| Broadway, 340 feet 10-inch pipe, . . . . .                                 |  | 302.75   |
| Harrison street, 45 feet 8-inch pipe, and 295 feet 12-inch pipe, . . . . . |  | 248.69   |
| Mills street, 294 feet 10-inch pipe, . . . . .                             |  | 136.53   |

|  |          |            |
|--|----------|------------|
| Morton street, 200 feet 10-inch pipe, . . .  | \$100.99 |            |
| Liberty street, 284 feet 8-inch pipe, . . .  | 240.61   |            |
| Rollins court, 176 feet 8-inch pipe, . . .   | 87.90    |            |
| Curtis avenue, Prospect street and extension to North State street, 277 feet 8-inch pipe, and 1,278 feet 12-inch pipe, . . . | 1,650.68 |            |
| Water street sewer, repairs, . . .   | 41.14    |            |
| Cambridge street sewer, repairs, . . .   | 17.60    |            |
|  | <hr/>    | \$2,958.07 |

From this statement, it appears that the largest amount expended was in the building of the Curtis avenue and Prospect street sewer, and its extension to a point on the North State street sewer just above Penacook street, a distance in all of 1,555 feet. Here was a section of the city where a number of tenement-houses had recently been erected by the Concord Development Co., and by other parties, and which was entirely destitute of proper sewerage facilities. It was necessary, in order to get the right inclination, to construct the sewer from the point mentioned on North State street through private land to Prospect street. On account of the delay in getting the petition for this sewer before the city council, the work on it was not commenced till about the middle of November. The season was favorable, however, for such kind of labor; the sewer was completed December 12, and fifteen connections were immediately made with it from tenements on the line. The sewers that have been laid on Harrison and Morton streets, and in Rollins court, were on streets that were recently opened up to the public, and sewerage has thus been afforded to houses that have been erected on them. It is the true policy, after the laying out of new streets and the erection of houses upon them, to keep pace in the march of improvement by granting petitions for sewers, and promptly building them, wherever it is practicable. During the coming year there will probably be calls for new sewers in various sections of the city; and the petition now before the city council, for the formation of a sewer precinct at West Concord, will, without doubt, receive the attention that it deserves.

## THE NEW SOUTH END SEWER.

The new South End sewer was commenced in the season of 1890, and, according to the report of the Committee on Sewers and Drains for that year, 730 feet of it was built at an expense of \$3,543.24.

|   |             |
|---|-------------|
| The amount appropriated for its construction, . . . . . | \$12,000.00 |
| Premium on bonds sold, and interest, . . . . .          | 390.00      |
|   | <hr/>       |
| Total amount, . . . . .                                 | \$12,390.00 |
| Amount expended in 1890, . . . . .                      | 3,543.24    |
|   | <hr/>       |
| Balance unexpended in 1890, . . . . .                   | \$8,846.76  |
| Amount expended for its completion in 1891, . . . . .   | \$8,930.35  |
| Balance unexpended in 1880, . . . . .                   | \$8,846.76  |
| Amount brought from balance of precinct fund, . . . . . | 83.59       |
|   | <hr/>       |
| Total expenditure in 1891, . . . . .                    | \$8,930.35  |

This would make the excess of the expense, over the amount that was available from the special appropriation, \$83.59. But it must be taken into account, that in order to make a safe and suitable connection above the curve on the Brook sewer, near Allison street, about 80 feet more of the sewer was built than was originally intended. It was through a bank eighteen or more feet in depth, and involved an extra expense for labor. The substantial stone outlet at the mouth of the sewer was also constructed this season.

The expense of building the whole line of this sewer may be stated as follows :

The 730 feet built in 1890 cost \$3,543.24, or about \$4.85 per foot.

The 3,350 feet built in 1891 cost \$8,930.35, or about \$2.66 per foot.

While the whole length of 4,080 feet cost \$12,473.59, or about \$3.05 per foot, which comes very near the original estimate.

Thus has been completed one of the largest and most important improvements in this direction that has been attempted in recent years. The South End sewer will not only relieve the Brook sewer of the great pressure that has been upon it, especially in the spring months, but will also afford sewerage to that portion of the city in the vicinity of Broadway and Pillsbury street, should the lots now vacant there be built upon. The new hospital, an institution of which every citizen of Concord should be proud, is also connected with it.

H. W. CLAPP,  
FRANK P. QUIMBY,  
HENRY McFARLAND,  
JOHN B. DODGE,

*Committee on Sewers and Drains.*

## REPORT OF THE PENACOOK SEWER PRECINCT.

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During the past year no extension has been made in the sewerage except a few feet of the Brook sewer, which was necessary to prevent flooding certain gardens. During the summer all of the sewers were thoroughly flushed, and some trifling defects were remedied.

At the present time plans of the extension of the year 1889 are being made by the city engineer.

The sewers are now in an excellent condition, and I would suggest, that, as a large sum of money has been expended in their construction, it is of the utmost importance that great care should be exercised by all who make use of them to prevent their becoming obstructed, and that all catch-basins be frequently cleared of sand, as it is often difficult to locate an obstruction.

All connections made during the past year appear to have been done in a thorough and workmanlike manner. I would recommend that during the coming season the original plan of the sewerage be completed, which comprises a sewer through Rolfe street, and the extension of the Brook sewer to its terminus.

The following is a financial statement of the receipts and expenditures for the year.

### RECEIPTS.

|                          |          |          |
|--------------------------|----------|----------|
| Appropriation, . . . . . | \$200.00 |          |
| Pipe sold, . . . . .     | .94      |          |
|                          | _____    | \$200.94 |

### EXPENDITURES.

|                                       |         |  |
|---------------------------------------|---------|--|
| Paid W. W. Allen, balance due 1890, . | \$34.87 |  |
| Ira C. Philips, . . . . .             | 1.00    |  |
| Henry Morrill, . . . . .              | 44.10   |  |

## STREET DEPARTMENT.

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|                                      |        |          |
|--------------------------------------|--------|----------|
| Paid C. M. & A. W. Rolfe, . . . . .  | \$1.50 |          |
| Henry Morrill, . . . . .             | 12.85  |          |
| Davis Bros., . . . . .               | 5.35   |          |
| Moses H. Fifield, storage, . . . . . | 2.00   |          |
| Balance, . . . . .                   | 99.27  |          |
|                                      | <hr/>  | \$200.94 |

Respectfully submitted :

JOHN B. DODGE,  
*Sewer Committee.*

REPORT OF THE COMMITTEE ON ROADS AND  
BRIDGES, AND ON THE REBUILDING OF  
THE LOWER BRIDGE.

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*To the City Council :*

The Lower bridge, a portion of which was carried away by the undermining of the west abutment and pier on March 27, 1891, has been rebuilt during the present season, and was opened for public travel on November 28, 1891, a period of eight months. The bridge has been constructed in a substantial manner. Both of the abutments and two of the piers have been rebuilt. Beneath the west abutment seventy-six piles were driven, and on these were placed the heavy timbers upon which the abutment rests. This extra work was necessary on account of the quicksand that was found in excavating for the abutment. The west pier stands on heavy bedstones, and the east one was built on the old foundations, which proved to be suitable, as were also the foundations for the east abutment. The bridge is 472 feet and 8 inches in length, and is about 15 feet longer than the old bridge, this extra length being mainly on the west end. The driveway is 18 feet wide, the height of the posts is 14 feet, and a walk 5 feet in width has been built on the south side. The bridge is 4 feet higher than the old one. It contains nearly 200,000 feet of lumber, and required 124,000 shingles to cover it. The trusses are of spruce, and the flooring and braces of pine. In the piers are about 287.45 cubic yards of stone, and in the abutments there are about 591.94 cubic yards. The approaches at each end are enclosed by railings, and are painted, as are also the ends of the bridge, and the figures 1891 have been placed above the roadway. The entire work, with the exception of a portion of the shingling, was done by the contractors, Messrs. Hazelton & Abbott, who received \$19,400. Work was commenced about the middle of June, and the bridge was opened for travel, as before stated, on November 28.

At 2 o'clock on that day the formalities between the Committee

on Roads and Bridges and the contractors took place; and George H. Mills, in behalf of the Committee on Roads and Bridges, made the following report:

MAYOR CLAPP: We are here this afternoon for the purpose of accepting the bridge which is now completed by the contractors, Messrs. Hazelton and Abbott, if it is found to be satisfactory to the Committee on Roads and Bridges and to the committee's engineer, Mr. W. B. Howe, who was appointed to superintend its construction. I would state that the bridge that was erected here some thirty-five years ago stood until the freshet of last March, which undermined the west abutment and pier and caused the west half of the bridge to be carried away. This took place on March 27, 1891, at about one o'clock in the afternoon. The first duty demanding attention was to provide some way for the public travel across the river. A notice was given to the aldermen to meet at your office on March 28, at which time a committee of three, composed of yourself and Aldermen Quimby and Crippen, was appointed to see about establishing a ferry. The duty was promptly attended to, and in five days a wire cable was stretched across the river and a ferry-boat was running. I wish to say in this connection that the prompt action of this committee is worthy of praise, and the work that your honor put in at that time is especially deserving of commendation. The boat had to be procured at Manchester, brought here on the cars, and made tight by calking and tarring before it could be put into service. It was placed in the river April 2, and a new plank floor was put in the boat while it was in use. Since then, with the exception of one day when the iron cable parted and a steel one was substituted, it has been in continuous use, and without any further accident, for a period of 241 days.

After the ferry was established, the next thing to be done was to take measures for the erection of a new bridge. The river at that time was high, and it was impossible to do anything until the water subsided. The matter was finally referred to the Committee on Roads and Bridges, to which the mayor was added, at the regular meeting of the city council held April 21. At a meeting of the committee, held April 24, Mr. Howe, the engineer, was authorized to survey two sites,—one where the bridge now stands, and the other about 1,000 feet farther down the river. On May 12 the committee decided to build on the old site a wooden bridge of modern

style, with a roadway eighteen feet wide and a walk five feet in width on the south side. On May 19 the committee reported their decision to the board of aldermen; on May 28 the report was accepted by the board; on June 5 bids were advertised by the committee for the stone-work and superstructure; on June 11 the bids were opened, and the contract for both the stone-work and superstructure was awarded to Hazelton & Abbott of this city, the work to commence within ten days from the time of signing the contract, and they were to remove the remains of the old bridge without any extra charge.

The committee believe that Messrs. Hazelton & Abbott have done a first-class job, and are entitled to much credit for the manner in which they have fulfilled their contract. I would move that the stone-work and the superstructure upon it, built by Messrs. Hazelton & Abbott, be accepted by the committee, and that the bridge be opened to the public. It was so voted.

H. W. CLAPP,  
GEO. H. MILLS,  
JAMES H. SANDERS,  
LEONARD W. BEAN,  
CHARLES L. WORTHEN,

*Committee on Roads and Bridges.*

## EDUCATIONAL DEPARTMENT.

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The school reports are not prepared until the close of the school year in March, and are consequently omitted from this volume.



## PUBLIC LIBRARY.

## REPORT OF THE TRUSTEES.

*To the City Council :*

The Trustees of the Public Library respectfully call your attention to the accompanying reports of the librarian and the treasurer, as showing the condition and the needs of the institution.

The extensive public patronage of the library continues to give assurance of the high estimation in which it is held, not only as affording wholesome enjoyment and happiness to all classes of the community, but as an important addition to the success of popular education supplied by our most excellent school system.

It is to be sincerely hoped that liberal assistance will continue to be given by the city to the maintenance and prosperity of an institution which has become indispensable to the welfare of our people.

Very respectfully,

|                     |         |
|---------------------|---------|
| CHARLES H. SANDERS, | WARD 1. |
| JOSEPH T. CLOUGH,   | “ 2.    |
| PAUL R. HOLDEN,     | “ 3.    |
| WILLIAM L. FOSTER,  | “ 4.    |
| CHARLES R. CORNING, | “ 5.    |
| JAMES S. NORRIS,    | “ 6.    |
| WILLIAM W. FLINT,   | “ 7.    |

## REPORT OF THE LIBRARIAN.

*To the Board of Trustees :*

The library has been open every week-day of the past year, and the daily and weekly issue of books has been as follows :

## CIRCULATION OF BOOKS.

*Daily and Weekly Issue of Books from January 1 to June 30, 1891,  
both dates inclusive.*

|                              | Mon. | Tues. | Wed. | Thur | Fri. | Sat.  | Days | Total. |
|------------------------------|------|-------|------|------|------|-------|------|--------|
| Jan. 1 to Jan. 3, inclusive, |      |       |      | 178  | 271  | 700   | 3    | 1149   |
| Week ending Jan. 10,         | 194  | 365   | 212  | 222  | 283  | 691   | 6    | 1967   |
| “ “ “ 17,                    | 194  | 407   | 204  | 232  | 338  | 550   | 6    | 1925   |
| “ “ “ 24,                    | 317  | 383   | 243  | 93   | 391  | 743   | 6    | 2170   |
| “ “ “ 31,                    | 306  | 353   | 251  | 169  | 414  | 769   | 6    | 2262   |
| “ “ Feb. 7,                  | 269  | 312   | 72   | 166  | 442  | 684   | 6    | 1945   |
| “ “ “ 14,                    | 191  | 415   | 272  | 231  | 390  | 674   | 6    | 2173   |
| “ “ “ 21,                    | 306  | 277   | 288  | 211  | 283  | 779   | 6    | 2144   |
| “ “ “ 28,                    | 164  | 487   | 230  | 215  | 293  | 748   | 6    | 2137   |
| “ “ Mar. 7,                  | 271  | 438   | 142  | 220  | 394  | 834   | 6    | 2299   |
| “ “ “ 14,                    | 201  | 343   | 398  | 223  | 162  | 792   | 6    | 2119   |
| “ “ “ 21,                    | 299  | 394   | 296  | 218  | 366  | 638   | 6    | 2211   |
| “ “ “ 28,                    | 333  | 433   | 270  | 255  | 361  | 671   | 6    | 2323   |
| “ “ Apr. 4,                  | 219  | 336   | 221  | 68   | 208  | 918   | 6    | 1970   |
| “ “ “ 11,                    | 269  | 418   | 229  | 209  | 334  | 595   | 6    | 2054   |
| “ “ “ 18,                    | 246  | 304   | 192  | 187  | 299  | 560   | 6    | 1788   |
| “ “ “ 25,                    | 254  | 272   | 171  | 169  | 323  | 648   | 6    | 1837   |
| “ “ May 2,                   | 154  | 285   | 211  | 181  | 122  | 703   | 6    | 1656   |
| “ “ “ 9,                     | 204  | 362   | 202  | 171  | 289  | 614   | 6    | 1842   |
| “ “ “ 16,                    | 169  | 304   | 170  | 83   | 259  | 585   | 6    | 1570   |
| “ “ “ 23,                    | 248  | 235   | 182  | 132  | 316  | 660   | 6    | 1773   |
| “ “ “ 30,                    | 159  | 253   | 196  | 166  | 235  | 334   | 6    | 1343   |
| “ “ June 6,                  | 229  | 277   | 216  | 202  | 264  | 575   | 6    | 1763   |
| “ “ “ 13,                    | 180  | 223   | 167  | 126  | 236  | 517   | 6    | 1449   |
| “ “ “ 20,                    | 110  | 223   | 213  | 122  | 342  | 605   | 6    | 1615   |
| “ “ “ 27,                    | 163  | 232   | 200  | 158  | 217  | 590   | 6    | 1560   |
| To June 30, inclusive,       | 194  | 256   |      |      |      |       | 2    | 450    |
|                              | 5843 | 8587  | 5448 | 4607 | 7832 | 17177 | 155  | 49494  |

*Daily and Weekly Issue of Books from July 1 to December 31, 1891,  
both dates inclusive.*

|                              | Mon. | Tues. | Wed. | Thur. | Fri. | Sat.  | Days. | Total. |
|------------------------------|------|-------|------|-------|------|-------|-------|--------|
| July 1 to July 4, inclusive, |      |       | 192  | 138   | 384  | 57    | 4     | 771    |
| Week ending July 11,         | 309  | 271   | 207  | 194   | 225  | 512   | 6     | 1718   |
| “ “ “ 18,                    | 174  | 235   | 136  | 223   | 247  | 383   | 6     | 1398   |
| “ “ “ 25,                    | 223  | 294   | 134  | 156   | 280  | 474   | 6     | 1561   |
| “ “ Aug. 1,                  | 206  | 246   | 171  | 149   | 290  | 451   | 6     | 1513   |
| “ “ “ 8,                     | 131  | 236   | 176  | 145   | 223  | 303   | 6     | 1214   |
| “ “ “ 15,                    | 175  | 220   | 181  | 132   | 261  | 235   | 6     | 1204   |
| “ “ “ 22,                    | 203  | 235   | 202  | 147   | 216  | 276   | 6     | 1279   |
| “ “ “ 29,                    | 168  | 282   | 175  | 127   | 228  | 402   | 6     | 1382   |
| “ “ Sept. 5,                 | 206  | 282   | 250  | 154   | 208  | 470   | 6     | 1570   |
| “ “ “ 12,                    | 84   | 309   | 204  | 142   | 226  | 555   | 6     | 1520   |
| “ “ “ 19,                    | 161  | 269   | 141  | 130   | 243  | 501   | 6     | 1445   |
| “ “ “ 26,                    | 155  | 303   | 137  | 141   | 233  | 559   | 6     | 1528   |
| “ “ Oct. 3,                  | 153  | 221   | 201  | 182   | 240  | 536   | 6     | 1533   |
| “ “ “ 10,                    | 186  | 254   | 158  | 170   | 238  | 547   | 6     | 1553   |
| “ “ “ 17,                    | 188  | 228   | 173  | 130   | 236  | 551   | 6     | 1506   |
| “ “ “ 24,                    | 201  | 184   | 215  | 170   | 219  | 549   | 6     | 1538   |
| “ “ “ 31,                    | 172  | 245   | 184  | 163   | 283  | 528   | 6     | 1575   |
| “ “ Nov. 7,                  | 201  | 251   | 166  | 125   | 260  | 596   | 6     | 1599   |
| “ “ “ 14,                    | 213  | 261   | 131  | 190   | 277  | 604   | 6     | 1676   |
| “ “ “ 21,                    | 178  | 199   | 264  | 132   | 254  | 609   | 6     | 1636   |
| “ “ “ 28,                    | 158  | 303   | 245  | 6     | 328  | 619   | 6     | 1659   |
| “ “ Dec. 5,                  | 152  | 363   | 189  | 164   | 237  | 655   | 6     | 1760   |
| “ “ “ 12,                    | 190  | 307   | 195  | 189   | 281  | 620   | 6     | 1782   |
| “ “ “ 19,                    | 231  | 200   | 209  | 134   | 246  | 526   | 6     | 1546   |
| “ “ “ 26,                    | 202  | 299   | 110  | 127   | 5    | 484   | 6     | 1227   |
| To Dec. 31, inclusive,       | 276  | 373   | 174  | 123   |      |       | 4     | 946    |
|                              | 4896 | 6870  | 4920 | 3983  | 6368 | 12602 | 158   | 39639  |

**Summary.**

|                          | Mon.   | Tues.  | Wed.   | Thur. | Fri.   | Sat.   | Days. | Total. |
|--------------------------|--------|--------|--------|-------|--------|--------|-------|--------|
| Jan. 1 to June 30, inc., | 5843   | 8587   | 5448   | 4607  | 7832   | 17177  | 155   | 49494  |
| July 1 to Dec. 31, inc., | 4896   | 6870   | 4920   | 3983  | 6368   | 12602  | 158   | 39639  |
|                          | 10,739 | 15,457 | 10,368 | 8,590 | 14,200 | 29,779 | 313   | 89,133 |

**Summary, 1890.**

|                          | Mon.   | Tues.  | Wed.   | Thur. | Fri.   | Sat.   | Days. | Total. |
|--------------------------|--------|--------|--------|-------|--------|--------|-------|--------|
| Jan. 1 to June 30, inc., | 6404   | 8404   | 5847   | 5151  | 7978   | 17631  | 155   | 51415  |
| July 1 to Dec. 31, inc., | 5399   | 7945   | 4892   | 4449  | 6454   | 14157  | 158   | 43296  |
|                          | 11,803 | 16,349 | 10,739 | 9,600 | 14,432 | 31,788 | 313   | 94,711 |

Nine thousand and twenty of the whole number of books issued were sent to Penacook and Boscawen.

Nine thousand three hundred and thirty-eight books were sent to Penacook and Boscawen in 1890.

The books have been well cared for, on the way and at Penacook, by Messrs. Cunningham and Gale, who have had them in charge.

Eleven hundred volumes have been purchased, including many valuable books for the reference library; and four hundred books and pamphlets have been received from various sources as donations to the library.

The reading-room has been kept open every day, and continues to be well patronized.

The printing of a catalogue of the books added to the library since Nov. 1, 1884, is nearly completed; this will be used instead of the supplements and bulletins that have from time to time been issued.

Two hundred and twenty-five bound volumes of the popular magazines of the day have been procured and bound, as the commencement of a magazine reference library. Filled as these volumes are with the productions of the best writers and scholars of the times, their contents must be of great value; while publications like Poole's Index to periodical literature, and others of similar character, will make their treasures easily accessible.

Respectfully submitted :

DANIEL F. SECOMB,  
*Librarian.*

December 31, 1891.

## REPORT OF THE TREASURER.

*To the City Council :*

The balance in the hands of the treasurer January 1, 1891, was \$62.22, to which has been added the city appropriation of \$6,000, and receipts from the library amounting to \$41.39, making a total of \$6,103.61 as available funds for the purposes of the library. Of this sum \$5,736.61 has been expended, as per itemized account in the expenses of the city, leaving a balance in the hands of the treasurer of \$367.00.

## BALANCE SHEET.

## DR.

|   |          |            |
|---|----------|------------|
| Cash on hand January 1, 1890, . . . . .       | \$62.22  |            |
| Received from city, . . . . .                 | 6,000.00 |            |
| "    "    sale of catalogues, etc., . . . . . | 41.39    |            |
|   |          | \$6,103.61 |

## CR.

|  |            |            |
|--|------------|------------|
| Paid, as per itemized account, . . . . . | \$5,736.61 |            |
| Cash on hand, . . . . .                  | 367.00     |            |
|  |            | \$6,103.61 |

## TRUST ACCOUNT.

## DR.

|                                    |         |          |
|------------------------------------|---------|----------|
| Received from Lyon fund, . . . . . | \$60.00 |          |
| "    "    Pierce " . . . . .       | 42.50   |          |
|                                    |         | \$102.50 |

## CR.

|                            |          |  |
|----------------------------|----------|--|
| By cash on hand, . . . . . | \$102.50 |  |
|----------------------------|----------|--|

Respectfully submitted :

W. P. FISKE,  
*Treasurer.*

December 31, 1891.



SANITARY DEPARTMENT.

