

1882		1883		1884	
Births.	Deaths.	Births.	Deaths.	Births.	Deaths.
272	215	261	206	262	212

In the records of these six years, the birth table shows an increase which is accounted for by fuller returns being made as the ordinance became better understood. The death tables are no doubt correct, as burial permits are required. The variations that occur are the natural ones that are liable to take place when no serious epidemic is among us.

Population,	.	.	.	.	.	.	14,000
Deaths in 1884,	.	.	.	.	.	.	212
Ratio per thousand,	.	.	.	.	.	.	15.1+

Respectfully submitted.

JOHN CONNELL,  
 GEORGE COOK,  
 ALFRED E. EMERY,

*Board of Health.*

Concord, N. H., Jan. 1, 1885.



# STREET DEPARTMENT.

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## REPORT

OF THE

## COMMISSIONER OF HIGHWAYS.

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*To the City Council :*

The operations of the Street Department for the year 1884 have been similar to those of previous years, and have been conducted mostly by the same persons in charge as in 1883.

The disbursements for the past year, in connection with the streets and roads throughout the city, have amounted to the sum of \$24,186.84, a reduction from last year of \$563.04, including the expenses for sprinkling streets.

The detailed statement of payments will be found in the account of "Running Expenses," under the heading of "Highway Department." The arrangement in detail is like that of last year, except that the labor pay-rolls have been partially subdivided among the various accounts to which they properly belong.

The system thus begun has been perfected so nearly, that in the future it will be possible to state very accurately the expense in detail, under each of the following headings :

- Bridges and Culverts.
- Fences and Signs.
- Macadamizing.
- Sidewalks and Crossings.
- Cleaning and Sprinkling Streets.
- Breaking Roads and Sidewalks.
- General Repairs.

It is believed that such a system will be not only convenient and valuable for reference, but will be far preferable to the old method in furnishing information for the public.

The commissioner has endeavored to maintain a constant supervision over all the highways in the city, but from necessity more attention has been given to the needs of the "central district" than to more distant localities.

The large area of the city includes many more miles of highways than most cities making larger appropriations for street purposes. Beside the miles of streets in the compact part of the city, there is an aggregate of more than one hundred and forty miles of country roads requiring constant care to keep in proper condition for public use. All or nearly all the territory lying north of a line running near the new state prison is divided into districts, and each district placed in charge of some person resident therein. All extended repairs or improvements in those localities, however, are decided upon only after being approved by the commissioner. With scarcely an exception the persons thus trusted with the expenditure of the funds for their districts have exercised a judicious economy, and have satisfied their neighbors and others most interested, by their attention to the requirements of public travel. But in any case where it seems to be the general wish of the inhabitants of a particular district that a change be made, their wishes will be respected, unless it should appear to be manifestly detrimental to the public service.

The "Victor Reversible" road-machine, which was procured in the spring, in addition to the "Non-reversible" one belonging to the city, has fulfilled all expectations. It has been in charge of Mr. George W. Chesley, and the results obtained have been highly satisfactory, indicating in a marked degree the superiority of the machine as a "road-builder," and the care and skill with which it has been managed by one having a complete knowledge of the "art of road-building."

The other road-machine has shown excellent results under the management of Mr. W. H. Hammond, and it is the intention to make use of it, the coming season, in some of the outlying districts. It is believed that by its use many sections may be improved which would be impracticable otherwise, on account of the expense of the ordinary methods.

The work of macadamizing has been continued, and the reduction in the cost of the crushed stone, by reason of the change

in the location of the stone-crusher, has made it possible to do more than the ordinary amount of this kind of work. The streets thus rebuilt by macadamizing include Pleasant street from State to Spring street, Park street from Main to Green street, and State street from Centre to Washington street. The streets thus completed will require very little repairing for many years, and the experience of the past plainly indicates that a reasonable amount of macadamizing each year is in the direction of a judicious economy.

A very considerable work has been done in the rebuilding of North Main street with coarse road gravel, and the smooth, firm road-bed thus made has produced such a vast change from its former rough and muddy condition as to be highly appreciated by the travelling public. It is hoped that its present condition may prove of such permanence as to require little outlay, until it can be replaced, section by section, with macadamized road.

Gravel has been used in considerable quantities in other localities, one of the most extended being in the grading and filling of the road near Wattanummon's bridge. The object of raising the road at that point was to make it possible for teams to pass through at any time during the spring freshets. It is not expected, however, that it will answer any important purpose during such extraordinary freshets as have sometimes occurred.

A similar work has been done near the river bank on Hall street, for the purpose of protecting the road from washing when the Merrimack overflows its banks, and also to make passable the long stretch of highway composed only of yielding sand.

Minor improvements have been made at various points, but they have been so many in number as to forbid particular mention. Several old culverts have been relaid, and wherever possible stone has been used to replace those of decaying plank. Not many years will probably elapse before all the wooden culverts within the city limits will be removed, and with them a great source of annoyance and expense.

The abutments of the bridge at the foot of Dimond's hill have been entirely rebuilt, their condition being such as to demand the outlay. The stone used for the purpose were such as to

complete the work in the most durable and substantial manner, and the widening of the bridge and roadway has met the unqualified approval of those who have occasion to travel on that portion of the highway.

All the concrete sidewalks asked for have been voted by the board of aldermen, and but one piece thus voted remains to be laid. The amount is about the same as for the past few years, and our system of concrete sidewalks is so rapidly extending that we may soon boast of their completeness and excellence as compared with other cities.

The routine work of the department has been continued as usual. More than ordinary attention has been paid to cleaning the streets, and the spoken commendations of many citizens have shown that the public are not unmindful of this important feature. Innumerable suggestions touching the needs of different localities have been received, noted, investigated, and the suggestions carried out whenever the public interests seemed to be thus subserved.

In the prosecution of the work of the department, I have relied, as before, upon Mr. James H. Rowell, the superintendent of streets, and to his business experience, energy, and unvarying courtesy the citizens are greatly indebted for the generally satisfactory condition of the streets and highways.

Respectfully submitted.

EDGAR H. WOODMAN,  
*Commissioner of Highways.*

There has been paid to the city treasurer, on account of highways, the sum of \$984.43, made up from the following

RECEIPTS.

Cash of individuals on city account as follows :

Of Gilman Shaw, concrete,	. . .	\$48.00
R. Woodruff, “	. . .	20.45
J. B. Gile, rent,	. . .	1.00
C. P. Little, use of sweeper,	. . .	1.00
G. B. Emmons, shotes,	. . .	28.93

Of G. L. Theobald, repairs streets, . . .	\$1.75
T. C. Bethune, " . . .	.75
Merrimack Co., paint, . . .	.50
H. Partridge, manure, . . .	15.00
City Water-Works, repairs streets, . . .	21.50
Mrs. S. C. Whitcher, concrete, . . .	6.08
Mrs. M. S. Osgood, " . . .	25.07
Mrs. C. C. Lund, " . . .	26.08
Horace Abbott, " . . .	8.25
J. H. Crockett, " . . .	5.07
E. H. Runnels, " . . .	43.96
L. Jackman, " . . .	5.55
L. & T. Savings Bank, " . . .	15.39
S. Shaw, stone, . . .	2.25
Merrimack Co., repairs streets, . . .	3.50
E. B. Hutchinson, concrete, . . .	3.29
J. Sexton, " . . .	12.45
Mrs. R. C. Osgood, " . . .	20.22
B. F. Leavitt, " . . .	8.88
J. B. Runals, " . . .	14.26
G. F. Whittredge, " . . .	12.35
J. E. Barry, " . . .	36.05
S. F. Prescott, " . . .	3.42
R. Woodruff, " . . .	5.00
G. Cunningham, " . . .	4.90
R. S. Plummer, " . . .	9.00
C. H. Potter, " . . .	8.68
Union School Dist., " . . .	22.57
Hugh Tallant, manure, . . .	15.00
Misses Noyes, concrete, . . .	19.26
W. A. Russell, " . . .	12.42
P. Mehan, " . . .	9.15
Luke Benson, " . . .	4.08
Dennis Halloran, " . . .	8.73
W. H. Allen, " . . .	35.78
George Main, " . . .	22.26
Lyman Merrill, " . . .	34.56
Daniel Widmer, " . . .	9.20
Geo. E. Chesley, " . . .	12.50

Of Thomas W. Stewart, concrete, . . .	\$5.58
G. W. Dudley, " . . .	2.70
Charles McCarthy, " . . .	26.65
Mrs. Morrill, " . . .	11.29
E. W. Woodward, " . . .	20.50
L. W. Bean, " . . .	8.75
Mead, Mason & Co., " . . .	22.03
G. H. Seavey, " . . .	11.94
T. H. Ford, " . . .	31.38
W. W. Cloud, " . . .	5.15
P. McClary, " . . .	13.05
St. Paul's School, " . . .	179.82
Elijah Knight, street sweepings, . . .	3.00
H. B. Foster, " . . .	1.50
S. Holman, " . . .	3.50
J. H. George, " . . .	2.50
Fred Landers, " . . .	2.50
W. D. Thompson, " . . .	2.50
Edward Dow, " . . .	1.00
J. E. Fernald, " . . .	1.00
T. W. Stewart, " . . .	1.00
J. C. A. Hill, " . . .	1.00
W. H. Kimball, " . . .	1.00
T. W. Pillsbury, " . . .	.50
S. K. Gill, " . . .	.50
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	\$984.43

There still remain uncollected bills, for their proportion of expense of laying concrete, against

John Bartlett, . . . . .	\$11.43
W. J. Blakely, . . . . .	7.04
Miriam F. Coffin, . . . . .	38.29
Mrs. E. H. Houston, . . . . .	12.89
Mr. Jewett, . . . . .	1.86
John Murphy, . . . . .	12.53
W. E. Morton, . . . . .	15.40
L. K. Peacock, . . . . .	3.88
E. P. Prescott, . . . . .	22.70
Mrs. Robinson, . . . . .	8.91
G. Birney Whittredge, . . . . .	12.35
Miss Carrie Wyatt, . . . . .	12.63

## SPRINKLING THE STREETS.

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The following account of the receipts and expenditures for sprinkling the streets, for the season of 1884, is inserted for the information of the public:

### RECEIPTS.

*From persons on the East side of Main street.*

George Clough, . . . \$5.00	T. A. Heath, . . . \$3.00
Mrs. M. G. Batchelder, . . 3.00	Stanley & Ayer, . . . 3.00
H. B. Tebbetts, . . . 5.00	Hammond & Thurston, . . 3.00
D. J. Murphy, . . . 1.00	Woodman & Robinson, . . 3.00
J. E. Dwight, . . . 2.00	M. Wolfe, . . . 3.00
L. A. Smith, . . . 3.00	F. C. Hardy, . . . 3.00
J. R. Hill, . . . 5.00	C. N. Towle, . . . 1.00
E. G. Cummings, . . . 1.00	G. K. Mellen, . . . 3.00
S. C. Morrill, . . . 3.00	E. B. Crapo, . . . 3.00
Elm House, . . . 5.00	Dow & Wheeler, . . . 1.00
G. B. Emmons, . . . 5.00	A. W. Davis, . . . 2.00
Moseley & Co., . . . 1.00	Staniels, Allison & Co., . . 1.00
Pearson & Pattee, . . . 3.00	S. C. Eastman, . . . 1.00
W. F. Danforth & Son, . . 2.00	Eagle Clothing House, . . 3.00
Scribner & Blood, . . . 2.00	T. W. & J. H. Stewart, . . 3.00
Batchelder & Co., . . . 5.00	E. C. Eastman, . . . 2.00
D. H. Aldrich, . . . 3.00	Barrett & Bresnahan, . . 1.00
J. E. Pecker, . . . 1.00	F. W. Yeaton, . . . 3.00
W. A. Thompson, . . . 2.00	F. P. Mace, . . . 2.00
Rep. Press Asso., . . . 5.00	Miss E. A. Estes, . . . 1.00
A. P. Fitch, . . . 3.00	A. H. Crosby, . . . 1.00
Page & Donovan, . . . 1.00	E. B. Davis, . . . 1.00
E. H. Rollins & Son, . . 1.00	Sleeper & Hood, . . . 3.00
S. G. Noyes, . . . 3.00	C. W. Clark, . . . 2.00
F. E. Colburn, . . . 2.00	Shaw, Jackson & Ahern, . . 3.00
Whittemore & Reed, . . . 5.00	Humphrey Dodge & Smith, . . . 5.00
G. A. Young, . . . 2.00	U. S. & Canada Express, . . 3.00
Thompson & Bethune, . . 5.00	Eagle Hotel, . . . 5.00
Phenix Hotel, . . . 5.00	

W. Union Telegraph Co.,	\$3.00	W. W. Niles,	\$2.00
W. P. Underhill & Co.,	3.00	E. E. Fisher,	1.00
N. H. Savings-Bank,	3.00	W. K. & Mrs. A. Mc-	
W. K. Norton,	1.00	Farland,	5.00
H. W. Brickett,	3.00	L. E. Currier,	2.00
Young Bros.,	3.00	T. M. Lang,	1.00
J. M. Stewart & Sons,	3.00	Miss C. P. Morrill,	2.00
E. Knight,	3.00	J. S. Stetson,	1.00
Cash,	5.00	J. Palmer,	3.00
W. C. Elkins & Co.,	2.00	Mrs. R. E. Pecker,	5.00
S. Wardner,	2.00	A. A. Currier,	2.00
J. D. Johnson & Son,	1.00	G. Bartlett,	2.00
C. Thorn & Son,	5.00	Mrs. M. M. Sawyer,	4.00
J. Police,	2.00	S. S. Kimball,	10.00
Newhall & Poore,	1.00	J. B. Walker,	7.50
A. C. & M. C. Sanborn,	2.00	J. F. Morrill,	3.00
Mrs. O. Stearns,	8.00		
F. Battles,	2.00		
			<hr/>
			\$259.50

*West side of Main street.*

C. H. Thorndike,	\$3.00	A. G. Harris,	\$3.00
A. F. Holt,	2.00	Stevens & Duncklee,	3.00
J. M. Hill,	3.00	First Nat. Bank,	5.00
B. A. Kimball,	5.00	Morrill Bros.,	3.00
Mrs. S. C. Witcher,	3.00	Frank Marden,	3.00
Mrs. C. C. Lund,	3.00	B. Biddle,	1.00
Franklin Low,	3.00	J. R. Hill & Co.,	5.00
J. H. Abbott,	5.00	Reed & Mudgett,	1.00
Franklin Evans,	2.00	N. A. Dunklee,	1.00
Norris & Crockett,	2.00	A. P. Sherburne,	2.00
Robertson, Rowell & Co.,	3.00	James Hazelton,	4.00
I. M. Savage,	2.00	Ray & Walker,	2.00
J. F. Hoit,	3.00	Clarke and Moore,	3.00
Perkins, Dudley & Co.,	3.00	H. M. French,	1.00
J. Welcome,	1.00	Morrill & Danforth,	3.00
C. H. Martin & Co.,	3.00	W. G. C. Kimball,	3.00
Cash,	1.00	H. N. Newell,	2.00
H. C. Sturtevant,	3.00	Underhill & Kittredge,	3.00
J. S. Hubbard,	1.50	D. L. Guernsey,	3.00
J. R. H. Davis,	1.00	E. W. Willard,	3.00
J. H. Chase,	4.00	A. R. Ayers,	3.00
Silsby & Son,	5.00	Ladd and Baker,	2.00
W. K. Day,	1.50	Miss J. L. Crawford,	2.00
C. M. Boynton,	3.00	Jacobs Bros.,	1.00
L. H. Carroll,	5.00	J. B. Sanborn,	5.00
State Capital Bank,	5.00	G. L. Hooper,	1.00

A. K. Knapp, . . . \$1.00	W. G. Carter, . . . \$6.00
Joseph Broggi, . . . 1.00	P. H. Larkin, . . . 3.00
L. D. Marston, . . . 2.00	M. J. Pratt, . . . 2.00
John Doherty, . . . 2.00	H. J. Crippen, . . . 5.00
C. P. Blanchard, . . . 2.00	M. R. Holt, . . . 2.00
J. McLaughlin, . . . 1.00	G. F. Page, . . . 2.00
E. S. Nutter, . . . 2.00	F. A. Fisk, . . . 4.00
B. S. Warren, . . . 3.00	E. Gerrish, . . . 5.00
W. P. Ford & Co., . . . 5.00	
G. H. Marston, . . . 3.00	
	\$195.00

*East side of State street.*

C. P. Virgin, . . . \$1.00	F. S. Streeter, . . . \$2.00
James Minot, . . . 3.00	P. Kittredge, . . . 3.00
F. H. Upton, . . . 2.00	W. L. Foster, . . . 3.00
Geo. E. Todd, . . . 5.00	Mrs. S. E. Hamilton, . . . 3.00
D. D. Brainard, . . . 2.00	G. Walker, . . . 5.00
J. Durrell, . . . 1.00	G. T. Comins, . . . 3.00
V. Atkins, . . . 2.00	O. Pillsbury, . . . 5.00
W. K. Holt, . . . 2.00	B. E. Badger, . . . 2.00
John Kimball, . . . 5.00	A. Atherton, . . . 1.50
L. D. Brown, . . . 3.00	D. D. Taylor, . . . 1.50
N. White, Jr., . . . 4.00	N. H. Shattuck, . . . .50
P. C. Bean, . . . 2.00	G. L. Batchelder, . . . .50
B. F. Virgin, . . . 2.00	W. E. Adams, . . . 1.00
E. A. Ferrin, . . . .50	C. R. Sanborn, . . . 1.00
L. A. Lewis, . . . .50	J. F. Sabin, . . . 1.00
C. C. Nutter, . . . 2.00	
W. E. Dow, . . . 1.00	
L. S. Morrill, . . . 2.00	
	\$73.00

*West side of State street.*

H. W. Clapp, . . . \$2.00	S. Eastman, . . . \$2.00
O. Ballou, . . . 1.00	M. W. Russell, . . . 2.00
F. Webster, . . . 2.00	S. Barrett, . . . 2.00
G. H. Emery, . . . 3.00	F. H. Gould, . . . 1.00
Mrs. E. C. Bixby, . . . 1.00	J. H. Gallinger, . . . 2.00
Mrs. C. Parker, . . . 1.00	H. F. Patterson, . . . 1.00
R. T. Crowell, . . . 1.50	J. B. Palmer, . . . 1.00
C. H. Martin, . . . 1.50	J. W. Merrill, . . . 2.00
Mrs. E. Blake, . . . 1.00	T. C. Bethune, . . . 3.00
E. Morrill, . . . 2.00	J. E. Robertson, . . . 3.00
Mrs. B. P. Stone, . . . 2.00	A. Folger, . . . 3.00
Mrs. C. Howe, . . . 3.00	
Mrs. A. C. Pierce, . . . 2.50	
	\$45.50

*Green street.*

T. A. Heath, . . .	\$2.00	J. A. Cochran, . . .	\$2.00
J. W. Drew, . . .	2.00	P. F. Stevens, . . .	2.00
T. W. Young, . . .	2.00	Z. C. Packard, . . .	2.00
C. A. Bresnahan, . . .	2.00	G. Bullock, . . .	1.00
A. B. Sargent, . . .	1.00		
L. S. Richardson, . . .	2.00		<u>\$18.00</u>

*South street.*

Mrs. W. Harriman, . . .	\$10.00	Mrs. C. B. Hutchins, . . .	\$2.00
S. Marsh, . . .	5.00	J. P. Nutter, . . .	2.00
Mrs. A. Downing, . . .	5.00	Mrs. A. Manning, . . .	1.00
H. W. Ranlet, . . .	5.00		
Mrs. J. W. Little, . . .	4.00		<u>\$36.00</u>
W. Hart, . . .	2.00		

*Pleasant street.*

Mrs. R. N. Corning, . . .	\$10.00	G. L. Lovejoy & Co., . . .	\$2.00
G. L. Stratton, . . .	5.00	Mrs. J. A. Gove, . . .	2.00
L. Downing, . . .	5.00	L. N. Farley, . . .	1.00
G. H. H. Silsby, . . .	3.00		
F. A. Stillings, . . .	3.00		<u>\$31.00</u>

*Warren street.*

J. Minot, . . .	\$5.00	Mrs. E. P. Cummings, . . .	\$1.00
T. Stuart, . . .	3.00	T. Kerley, . . .	1.00
W. A. Clough, . . .	2.00	Mrs. E. F. Mansfield, . . .	1.00
A. C. Fisher, . . .	2.00	J. Kimball, . . .	1.00
W. G. C. Kimball, . . .	2.00	S. K. Blanchard, . . .	1.00
Miss E. H. Osgood, . . .	2.00	R. West & C. H. Wilson, . . .	1.00
Mrs. W. Russell, . . .	2.00	C. W. Allen, . . .	1.00
W. Ladd, . . .	2.00	J. A. Dadmun, . . .	1.00
D. P. Wheeler, . . .	2.00		
A. Fletcher, . . .	2.00		<u>\$33.00</u>
S. F. Blodgett, . . .	1.00		

*School street.*

High School, . . .	\$10.00	W. B. Durgin, . . .	\$2.00
Mrs. N. White, . . .	2.00	Mrs. L. A. Hazelton, . . .	1.00
D. W. Waldron, . . .	2.00	J. M. Fletcher, . . .	1.00
P. Pillsbury, . . .	2.00	Mechanicks Nat. Bank, . . .	5.00
Mrs. C. Crow, . . .	2.00	J. H. Rowell, . . .	3.00
Munns & Paige, . . .	2.00	F. S. Crawford, . . .	2.00

SPRINKLING STREETS.

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L. R. Fellows, . . .	\$3.00	J. C. French, . . .	\$1.00
Mrs. L. M. Morrill, . . .	2.00	E. W. Abbott, . . .	1.00
J. D. Perkins, . . .	1.00		
G. W. Carter, . . .	1.00		<u>\$43.00</u>

*Park street.*

C. R. Walker, . . .	\$3.00	Mrs. A. L. Drew, . . .	\$1.00
Mrs. W. Walker, . . .	2.00		
E. A. Stockbridge, . . .	1.00		<u>\$8.00</u>
Mrs. T. Haynes, . . .	1.00		

*Capitol street.*

Mrs. N. White, . . .	\$5.00	Sleeper & Evans, . . .	\$2.00
Concord Gas Co., . . .	3.00		
			<u>\$10.00</u>

*Depot street.*

Smith & Walker, . . .	\$5.00	Mrs. C. Hart, . . .	\$2.00
H. E. Conant, . . .	2.00		
			<u>\$9.00</u>

*Freight street.*

Ranlet & Marsh, . . .	\$3.00	H. N. Farley & Co., . . .	\$2.00
Cummings Bros., . . .	3.00		
			<u>\$8.00</u>

*Spring street.*

John T. Lane, . . .	\$1.00	Aaron S. Currier, . . .	\$1.00
Charles H. Sawyer, . . .	1.00	John W. Storrs, . . .	1.00
Richard M. Philbrick, . . .	1.00	Edgar M. Howe, . . .	1.00
James E. Rand, . . .	2.00	Charles Smart, . . .	1.00
Benjamin M. Locke, . . .	1.00	Samuel L. Currier, . . .	1.00
Edwin P. Carr, . . .	1.00		
Nathaniel A. Walker, . . .	3.00		<u>\$15.00</u>

*Washington street.*

A. T. Whittemore, . . .	\$1.00	Mrs. G. A. Foster, . . .	\$1.00
J. E. Clifford, . . .	1.00	Mrs. Colley, . . .	1.00
S. M. Griffin, . . .	1.00	Mrs. Glidden, . . .	1.00
Mrs. Merrill, . . .	1.00		
Mrs. Howe, . . .	1.00		<u>\$8.00</u>

**RECAPITULATION.**

From east side of Main street, . . . . .	\$259.50
west side of Main street, . . . . .	195.00
east side of State street, . . . . .	73.00
west side of State street, . . . . .	45.50
Green street, . . . . .	18.00
South street, . . . . .	36.00
Pleasant street, . . . . .	31.00
Warren street, . . . . .	33.00
School street, . . . . .	43.00
Park street, . . . . .	8.00
Capitol street, . . . . .	10.00
Depot street, . . . . .	9.00
Freight street, . . . . .	8.00
South Spring street, . . . . .	15.00
Washington street, . . . . .	8.00
	<hr/>
	\$792.00
Paid into city treasury, account of highways, . . . . .	\$792.00

HOWARD M. COOK,

*Solicitor and Collector.*

REPORT  
OF THE  
COMMITTEE ON SEWERS AND DRAINS.

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*To the City Council :*

The amount expended under the direction of the committee for the construction of sewers during the season of 1884, is \$1,709.01, an itemized account of which will be found in the general expenses of the city under the head of "Sewers."

A considerable work was made necessary by the change in the location of the new passenger station in Railroad square. The new location was directly over the large brick sewer leading from Freight street to the river, a portion of which had been rebuilt the previous year. A section requiring removal, in order to obtain a proper curve in passing around the proposed building, extended under the railroad tracks, thus adding much to the difficulty of the situation, and considerably increasing the expense. The work was successfully accomplished, and the sewer as completed seems to answer its purpose quite as well as before. The new brick sewer thus rebuilt was about one hundred and fifty feet in length and three feet in diameter. The change in location referred to also necessitated the relaying of three hundred feet of 18-inch Akron pipe which discharged into the brick sewer, and the character of the soil through which a portion of this had to pass was such as to materially increase its cost.

A large part of the old pipe was dug up and used for relaying, so that the total expenditure was less than at first seemed possible.

An 8-inch sewer has been built on Grove street to discharge into the sewer on Monroe street, a distance of one hundred and twenty-five feet, the material being the Akron pipe.

About two hundred and fifty feet of 10-inch sewer-pipe has been laid on Franklin street to discharge into the main sewer passing through Rumford street.

A 10-inch Akron pipe has been laid for a distance of one hundred and twenty-one feet in the extension of Park street, and this will probably meet all the future requirements of that section. Although not immediately demanded, it was deemed advisable to complete this work before the street was Macadamized, in order to avoid the digging up of that part of the street afterward; and it has already been brought into use by residents on that street.

The laying of a 12-inch sewer on Pitman street to connect with the sewer on Main street presented more difficulties than any single task undertaken by the committee. The trench necessary for the laying of the pipe was through a mass of boulders of all shapes and sizes, requiring constant blasting and suitable hoisting apparatus for their removal. The whole distance was six hundred feet, and the work, though expensive, was much needed to accommodate the residents on Pitman and Summer streets.

The last work of the season was the laying of two hundred and fifty-two feet of 8-inch Akron pipe on Abbott street to discharge into the main sewer running easterly from the foot of the street. This sewer was not laid as deep as usual owing to the low ground through which it passes; but no trouble is anticipated on that account. Eventually Abbott street will need considerable filling to bring it to a proper grade, and the sewer will then be of sufficient depth: in the meantime its use will be of great benefit in preserving the health of the dwellers in that vicinity. The gradual extension of the sewers to such points as can be reached from the present system, is advisable for many reasons, not the least of which is the additional safeguard against miasmatic diseases ensured by the removal of stagnant water and improperly constructed vaults. If private drains entering the public sewers are properly trapped, their universal use will add greatly to the comfort, health, and convenience of the public.

EDGAR H. WOODMAN,  
EDWARD DOW,  
EMORY N. SHEPARD,  
*Committee on Sewers.*

# POLICE DEPARTMENT.

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## REPORT OF THE CITY MARSHAL.

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*To the City Council:*

The undersigned respectfully submits the following report of the doings of the Police Department of the city of Concord for the year ending December 31, 1884 :

The whole number of arrests made during the year, not including those made at Penacook, was . . . . . 257  
as follows ;

Assault and battery, . . . . .	16
Assault of an aggravated nature, . . . . .	2
Assault with intent to kill, . . . . .	1
Breaking and entering, . . . . .	19
Breaking glass, . . . . .	1
Common prostitute, . . . . .	3
For being out late at night, . . . . .	20
For not providing for his family, . . . . .	1
For being a tramp, . . . . .	1
For out of town officers, . . . . .	5
Forgery, . . . . .	2
Insane persons, . . . . .	5
Intoxication, . . . . .	115
Keeping liquor for sale, . . . . .	8
Keeping lager beer for sale, . . . . .	2
Larceny, . . . . .	17
Open gross lewdness, . . . . .	1
Obtaining money by false pretence, . . . . .	2
Rude and disorderly conduct, . . . . .	23
Receiving stolen property, . . . . .	1
Suspicious persons, . . . . .	10
Stubborn child, . . . . .	2
Total, . . . . .	<hr/> 257

Of the above cases, 113 were arraigned before the police court, charged with the following offences, to wit :

Assault and battery, . . . . .	14
Assault of an aggravated nature, . . . . .	2
Assault with intent to kill, . . . . .	1
Breaking glass, . . . . .	1
Breaking and entering, . . . . .	12
Common prostitute, . . . . .	2
Forgery, . . . . .	2
For not providing for his family, . . . . .	1
For being a tramp, . . . . .	1
Intoxication, . . . . .	51
Keeping liquor for sale, . . . . .	6
Keeping lager beer for sale, . . . . .	3
Larceny, . . . . .	10
Obtaining money by false pretence, . . . . .	1
Open gross lewdness, . . . . .	1
Rude and disorderly conduct, . . . . .	2
Receiving stolen property, . . . . .	2
Stubborn child, . . . . .	1
Total, . . . . .	<u>113</u>

And were disposed of as follows :

Sentenced to pay fine, . . . . .	83
Sentenced to jail, . . . . .	1
Sentenced to the industrial school, . . . . .	1
Ordered to recognize to appear at supreme court, . . . . .	26
Discharged by the court, . . . . .	2
Total, . . . . .	<u>113</u>
Discharged without complaint, . . . . .	144
Total, . . . . .	<u>257</u>

Thirteen buildings have been found open and secured.

The whole number of lodgers accommodated at the station-house during the year was 299.

Respectfully submitted,

JOHN CONNELL,  
*City Marshal.*

Concord, Dec. 31, 1884.

## REPORT OF THE ASSISTANT CITY MARSHAL.

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*To the City Council:*

The undersigned would submit the following report of the Police Department in Penacook, Ward 1, city of Concord, for the year ending December 31st, 1884 :

Whole number of arrests made during the year, . . .	35
Keeping intoxicating liquor for sale, . . . . .	1
Keeping malt liquor for sale, . . . . .	1
Keeping lager beer for sale, . . . . .	1
Intoxication, . . . . .	18
Assault and battery, . . . . .	9
Insane, . . . . .	1
Driving a horse without leave, . . . . .	1
Larceny, . . . . .	1
For other officers, . . . . .	2
Total, . . . . .	35

Of the above cases, 24 were arraigned before the police court for the following offences, to wit :

Keeping intoxicating liquor for sale, . . . . .	1
Keeping malt liquor for sale, . . . . .	1
Keeping lager beer for sale, . . . . .	1
Intoxication, . . . . .	12
Assault and battery, . . . . .	8
Larceny, . . . . .	1
Total, . . . . .	24

And were disposed of by the court as follows :

Sentenced to pay fine, . . . . .	17
Ordered to recognize to appear at the supreme court, . . . . .	3

Discharged by order of court, . . . . .	1
Nol. prossed, . . . . .	3
	<hr/>
Total, . . . . .	24
Committed to the Insane Asylum, . . . . .	1
Delivered to other officers, . . . . .	2
Discharged without complaint, . . . . .	8
	<hr/>
Total, . . . . .	35

Whole number of lodgers accommodated at the station-house during the year, 53.

Respectfully submitted,

GEORGE W. COREY,  
*Assistant City Marshal.*

Penacook, N. H., Dec. 31, 1884.

## REPORT OF THE POLICE JUSTICE.

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*To the City Council:*

The Police Justice herewith submits the thirty-second annual report comprising transactions during the year 1884.

The number of civil actions entered before the Police Justice was 84.

The number of persons of foreign birth who have been naturalized before him was 23.

The number of like persons who have made before him their primary declarations to become citizens was 6.

The number of arraignments before him of persons charged with the commission of criminal offences was 148.

The nature and results of those prosecutions, in which the City Marshal and the Assistant City Marshal participated, are set forth in the reports of those officers of this date.

The Police Justice charges himself as follows :

For costs belonging to the city, arising		
from criminal prosecutions, . . . . .	\$152.71	
For fines arising from same, . . . . .	450.00	
For fees arising from civil actions, . . . . .	46.71	
		\$649.42

And discharges himself as follows :

Paid expenses, . . . . .	\$4.00	
Paid city treasurer, . . . . .	645.42	
		\$649.42

During several weeks of the latter part of the year the Police Justice has unfortunately been deprived of his ordinary good health, and consequently an unusual amount of business has devolved upon the Special Justice.

SYLVESTER DANA,  
*Police Justice.*

Concord, December 31, 1884.

## REPORT OF SPECIAL POLICE JUSTICE.

*To the City Council :*

The Special Police Justice submits the following report, commencing Oct. 18, 1884, when he assumed the duties of the court on account of the sickness of Judge Dana.

Number of civil actions entered from Oct. 18 to Dec. 31, 1884, 27.

Number of criminal prosecutions from Oct. 18 to Dec. 31, 1884, 23.

Number of persons naturalized from Oct. 18 to Dec. 31, 1884, 56.

Number of persons filing intention to become citizens from Oct. 18 to Dec. 31, 1884, 40.

The Special Justice charges himself as follows ;

For costs from criminal cases,	.	.	\$8.00
For fines from criminal cases,	.	.	172.00
For fees from civil cases,	.	.	12.01

\$192.01

And discharges himself as follows :

Paid city treasurer,	.	.	\$192.01
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B. E. BADGER,  
*Special Justice.*

## REPORT OF THE CITY SOLICITOR.

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*To the City Council:*

One year ago two suits were pending against the city, *Engel v. Concord* and *Butterfield v. Concord*. The suit of *Engel v. Concord* remains in the same condition as one year ago. An effort is now being made to settle the case, which may be successful; if not, it will be tried soon.

The suit of *Butterfield v. Concord*, in which damages to the amount of \$20,000 was claimed, has been settled by the city's paying \$500 in full for damages and costs.

August 5, 1884, Patrick Kelley filed a petition in the supreme court, praying that he might be allowed to file a claim against the city for damages which he alleges he received by slipping on the sidewalk in Penacook, near the Washington House. The accident happened, as he alleges, on the first day of March, 1884, and he claims to have sustained severe injuries, and fixes the amount of damages at \$3,000. At the October term there was a hearing on the petition before Judge Isaac W. Smith, and he decided that Mr. Kelley be allowed to file his claim. In such hearings the real merits of the cases are not inquired into, as I have had occasion to remark before.

December 10, 1884, the claim was filed with the city clerk, but no suit has as yet been brought. Some other claims for damages have been made, but as none of them have been in court in any way, no report of such is made here.

The suit of *Engel v. Concord*, and the claim of Patrick Kelley, are the only matters now in court in which the city is a party.

ROB'T A. RAY, *Solicitor*.

December 31, 1884.



## 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.

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## REPORT OF TRUSTEES.

*To the City Council:*

Your attention is called to an examination of the annexed reports of the Librarian and Treasurer of the public library.

You will observe, that although the library contains about eleven thousand volumes, only about one half that number is available for circulation among the people, the remainder consisting of books useful only for purposes of occasional reference.

The annual circulation of books exceeds twenty-seven thousand volumes. To properly supply this comparatively large circulation, extensive additions of books are demanded. No more than a mere suggestion is needed to impress upon your minds the immense importance and value of a large circulating library, in the promotion of the educational, mental, and moral interests and the social enjoyment and happiness of the community.

The unavoidable expense of supporting the library, exclusive of the purchase of books, is between fourteen and fifteen hundred dollars a year. This expense includes the salary of a librarian, the rent of rooms, the cost of gas, fuel, insurance, &c.

Although we find a balance on hand at the close of the year of about five hundred dollars, all this and more will be required to complete the printing of the new catalogue now in press. This catalogue supplies an indispensable necessity. For the increase of the library we have, therefore, no funds except the annual income of the "Pierce" and "Lyon" funds, amounting to one hundred and twenty dollars. The yearly amount of subscriptions, at twenty-five cents a year for each person, is about two hundred and fifty dollars. It will therefore be observed that our unavoidable expenses, entirely independent of the pur-

chase of books, exceeds the income derived from subscriptions and from the "Pierce" and "Lyon" funds by from ten to eleven hundred dollars. We have endeavored to make our expenses as small as possible for the proper maintenance of the institution.

During the current year we can expend for the increase of the library no more money than we shall receive by your appropriation, beyond the sum of ten or eleven hundred dollars.

In view, therefore, of the manifest and increasing usefulness of the institution, we confidently hope for a generous appropriation.

ABIAL ROLFE, Ward 1.

J. T. CLOUGH, Ward 2.

PAUL R. HOLDEN, Ward 3.

WM. L. FOSTER, Ward 4.

HENRY W. STEVENS, Ward 5.

J. S. NORRIS, Ward 6.

WM. W. FLINT, Ward 7.

Concord, Jan. 1, 1885.

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#### LIBRARIAN'S REPORT.

The library has been kept open through its regular business hours for 292 days in the year just closed, and the number of books given out has averaged about 95 per day.

Three hundred and fifteen volumes have been purchased, many of them to replace old ones that were unfit for further service, and 110 volumes have been received as donations from various sources.

By the courtesy of Hon. E. H. Rollins we have received thirteen volumes of the official correspondence of the Union and Confederate armies during the recent civil war.

By order of Hon. A. F. Pike, the Official Gazette of the United States patent office has been sent us through the year.

From the Census Bureau we have received ten large volumes of statistics of the census of 1880, and from the Bureau of Ed-

uation the report of the commissioner and the usual circulars of information.

From our own state officers we have received copies of the usual annual reports ; also copies of the Journals of the Senate and House for the Session of 1883, and a copy of the Laws passed at that time.

A large donation of Patent Office Reports, railroad publications, and seven bound volumes of the New York Daily Times, have been received from Harvey Rice, Esq., of this city.

A new catalogue of the library has been compiled, and is now passing through the press. It will probably be ready for use by the first of April next.

There are now about 11,000 volumes in the library, about one half of which are congressional documents, theological and poetical works, and old books and magazines, but seldom called for.

With an annual circulation of 27,000 volumes, a library of 6,000 volumes is manifestly inadequate to meet the wants of its patrons, and should be largely increased.

Respectfully submitted.

D. F. SECOMB, *Librarian.*

Concord, Jan. 1, 1885.

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### TREASURER'S REPORT.

*To the City Council:*

The balance on hand January 1, 1884, was \$407.53, to which has been added city appropriation \$2,000 and library receipts of \$241.65, making a total of \$2,649.18 as available funds for the expenses of the library. Of this sum \$2,000 has been expended as per itemized account in the expenses of the city, and \$130.63 in addition to the appropriation expended from the funds in the hands of the treasurer, leaving a balance of \$518.55 in the treasurer's hands to be carried to the next year. The sum of \$200 has

already been paid toward the expense of printing the new catalogue, and the balance required for that purpose will leave but little, if any, money remaining in the hands of the treasurer. In addition to the above there has been received for interest on Lyon fund, \$60, and for interest on Pierce fund, \$60, in all, \$120, which with the amount of trust funds on hand at the beginning of the year makes the sum of \$240, which will be available for the purchase of books under the special provisions of those trusts.

## BALANCE SHEET.

## DR.

Cash on hand Jan. 1, 1884, . . . .	\$407.53	
Received from the city, . . . .	2,000.00	
Receipts from the library, . . . .	241.65	
	<u>          </u>	\$2,649.18

## CR.

Paid as per city account, . . . .	\$2,000.00	
“ E. C. Eastman, books, . . . .	130.63	
Balance cash on hand, . . . .	518.55	
	<u>          </u>	\$2,649.18

## TRUST ACCOUNT.

## DR.

Balance cash on hand Jan. 1, 1884, . .	\$120.00	
Interest on Lyon trust, . . . .	60.00	
“ Pierce trust, . . . .	60.00	
	<u>          </u>	\$240.00

## CR.

Balance cash on hand, . . . .	\$240.00	.
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Respectfully submitted.

W. P. FISKE, *Treasurer.*

# CEMETERIES.

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*To the City Council:*

The cemetery committee respectfully submit the following report, for the year ending December 31, 1884 :

## BLOSSOM HILL CEMETERY.

### RECEIPTS.

Balance in hands of committee Dec. 31, 1884,  
per report, . . . . . \$423.25

Received from amounts due and uncollected, Dec. 31, 1883,

H. S. Hamilton, grading lot, . . . .	\$14.00
Mrs. C. F. Stewart, labor, . . . .	2.25
G. L. Lovejoy, digging graves, . . . .	5.00
Mrs. P. R. George, care of lot, . . . .	5.00
H. B. Tibbetts, " . . . .	2.50
C. H. Abbott, " . . . .	2.00
A. J. Abbott, repairing lot, . . . .	7.85
Mrs. A. C. Weed, care of lot, . . . .	15.15
Mrs. E. A. Bailey, cleaning stone-work and monument, . . . .	10.00
J. P. Tucker, care of lot, . . . .	3.50
J. F. Scott, hay, . . . .	14.70
J. W. Wardwell, care of lot, . . . .	1.50
Ira W. Sanborn, grading and turfing, . . . .	14.50
B. F. Coleman, care of lot, . . . .	1.50
I. C. Pierce, " . . . .	2.50

Mrs. C. W. Gay, care of lot, . . . .	\$1.50
T. Elwell, turfing grave, . . . .	.75
J. McCauley, dressing for lot, . . . .	1.50
S. Gill, care of lot, . . . .	1.50
E. P. Shed, watering lot, . . . .	2.00
Ladd & Foster, care of lot, . . . .	2.00
B. Perry, repairing lot, . . . .	4.00
R. Burt, care of lot, . . . .	3.00
F. W. Smith, grading lot, . . . .	13.50

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\$131.70

Received from labor, &c., for 1884, as follows :

Geo. L. Lovejoy, digging graves, . . . .	\$242.75
A. C. Fisher, " . . . .	76.25
C. R. Chandler, digging grave, . . . .	2.00
B. A. Jones, trimming trees, . . . .	1.00
John T. Brown, wood, . . . .	5.75
Mrs. Rushlow, repairing lot, . . . .	.50
Henry D. Robinson, wood, . . . .	6.75
Mrs. E. G. Carter, care of lot, . . . .	1.75
William Folger, mowing lot, . . . .	.25
B. I. Poor, grading and turfing lot, . . . .	12.00
Joseph Palmer, labor on lot, &c., . . . .	5.00
James Sanborn, repairs on lot, . . . .	4.50
George Taylor, wood, . . . .	1.50
——— Evans, turf and drawing same, . . . .	1.25
W. H. Kimball, labor on lot, . . . .	.20
B. F. Caldwell, repairing lot, . . . .	3.50
E. S. Nutter, mowing lot, . . . .	.25
Mrs. O'Brien, loam, . . . .	.50
P. W. Smith, care of lot, . . . .	3.00
Geo. L. Williams, grading and turfing lot, . . . .	12.00
C. R. Chandler, mowing lot, . . . .	.50
W. Green, moving remains, . . . .	3.00
Mrs. C. F. Stewart, care of lot, . . . .	1.75
T. Curley, repairing lot, . . . .	.50
E. H. Brown, trimming grave, . . . .	6.00
Mrs. T. C. Sawyer, care of Clement lot, . . . .	1.00
J. B. Drew, digging grave, . . . .	1.50

Geo. S. Dennett, moving remains, . . .	\$4.00
B. Hill, use of hose and water, . . .	1.00
William Yeaton, labor on lot, . . .	.75
J. V. Aldrich, sale of lot, . . .	2.00
Geo. A. Lyna, moving remains, . . .	1.50
Susie A. French, repairing lot, . . .	8.00
Mrs. John F. Brown, moving remains, . . .	3.50
James W. Barton, digging grave, . . .	4.00
P. A. Seavey, moving remains, . . .	5.50
J. P. Nutter, care of lot, . . .	1.00
Ole Anderson, turfing and grading lot, . . .	14.20
Mrs. E. A. Spaulding, repairing grave, . . .	1.00
John W. Drew, grading and turfing lot and mowing, . . . . .	30.00
Asa Fowler, watering lot, . . . . .	3.80
Mrs. A. W. Kimball, mowing and dressing lot, . . . . .	3.50
Mary E. Caswell, grading and turfing lot, . . .	16.10
Mrs. J. M. Lang, repairing lot, . . . . .	5.50
Mrs. L. J. Sherman, " " . . . . .	6.00
J. E. Pecker, repairing lot East Concord, . . .	15.75
Mrs. A. C. Weed, care of lot, . . . . .	7.25
Mrs. L. B. Holt, repairing lot, . . . . .	9.50
Geo. W. Crockett, moving remains, . . . . .	1.50
Harriet J. Adams, grading and setting stone- work, . . . . .	36.93
Mrs. A. F. Sawyer, care of lot 1883-'84, . . .	7.25
J. H. Albin, " " . . . . .	3.50
H. A. Dodge, " " . . . . .	5.65
O. V. & W. H. Pitman, " " . . . . .	3.50
Mrs. D. A. Warde, " " . . . . .	10.00
Mrs. Mary E. West, " " . . . . .	5.87
Mrs. F. B. Underhill, " " . . . . .	3.00
A. W. Davis, grading and turfing lot,. . . . .	17.00
Walter Bates, repairing lot, . . . . .	2.75
Mrs. C. J. Clough, grading and turfing lot, . . .	13.00
Mrs. Robert Pecker, care of lot 1883-'84, . . .	4.75
Miss Mary Perley, " " . . . . .	5.75
William Badger, " . . . . .	2.00

Mrs. N. White, care of lot, . . .	\$16.25
Mrs. C. H. Newhall, " . . .	4.75
N. C. Nelson, " 1883-'84, . . .	4.00
F. W. Smith, repairing lot, . . .	3.90
J. E. Holt, " . . .	3.50
H. W. Clough, care of lot, . . .	2.00
H. C. Brown, care of lot 1883-'84, . . .	4.00
W. E. Green, " " . . .	4.00
Foster & Ladd, care of lot, . . .	2.00
C. W. Clark, repairing lot, . . .	2.50
J. H. Kennedy, grading and turfing lot, . . .	16.00
George Williams, care of lot, . . .	1.25
E. O. Jameson, care of lot 1883-'84, . . .	4.50
M. W. Russell, grading lot, . . .	19.25
Mrs. J. W. Little, care of lot 1883-'84, . . .	2.50
Perry Kittredge, care of lot, . . .	2.00
Edson J. Hill, adm'r, care of lot, . . .	14.50
S. C. Humphrey, care of lot 1883-'84, . . .	4.00
Mary C. Caswell, dressing, . . .	1.25
James Munns, turfing lot, . . .	3.35
C. F. Hildreth, repairing lot, . . .	9.25
Mrs. E. G. Moran, care of lot, . . .	3.50
Nathan H. Dunbar, grading lot, . . .	8.25
James G. Leighton, repairing lot, . . .	6.75
A. S. Hammond, care of lot, . . .	1.50
E. A. Dow, care of lot 1883-'84, . . .	5.05
Abel Lamprey, water, . . .	1.00
Mrs. L. J. Trask, water, . . .	1.50
Geo. A. Cummings, care of lot, . . .	3.50
N. H. & G. B. Farley, water, . . .	1.00
J. B. Coleman, care of lot, . . .	1.50
James G. Gordon, " . . .	3.85
Alexander Leighton, repairing lot, . . .	5.60
Mrs. A. L. Woodman, " . . .	5.50
C. O. Foss, " . . .	13.60
B. A. Kimball and others, digging ditch, &c., . . .	12.00
Geo. T. Ambrose, care of lot, . . .	2.00
Joseph Palmer, grading and setting posts, . . .	28.78
A. P. Fitch, care of lot, . . .	5.05

Nahum Robinson, care of lot 1883-'84, . . .	\$3.00
Henry P. Moore, repairing lot, . . .	2.00
W. A. Russell, care of lot, . . .	2.50
H. B. Tibbetts, loam and care of lot, . . .	6.00
Mrs. J. Y. Mugridge, repairing lot, . . .	10.35
James Blaisdell, care of lot, . . .	3.00
James Blaisdell, care of Kelly lot, . . .	2.00
O. H. Bean, care of lot, . . .	2.40
T. M. Stewart, care of lot 1883-'84, . . .	4.50
——— McFarland, care of lot, . . .	4.60
S. Gear, " . . .	1.50
D. Fitch, " . . .	2.00
Mrs. C. C. Lund, watering lot, . . .	1.00
Jos. H. Abbott, care of lot and water ditch, . . .	14.75
Charlotte Merrill, care of lot 1883-'84, . . .	6.00
Stratton & Dodge, " " . . .	4.00
Labor on G. A. R. lot, . . .	10.40
Daniel Holden, care of lot, . . .	5.75
Emma E. Brown, moving remains, and grad- ing and turfing lot, . . .	25.75
W. P. & G. F. Underhill, digging grave, . . .	3.00
H. W. Ranlet, grading lot, . . .	17.50
A. B. Brown, " . . .	10.00
Mrs. C. W. Ash, care of lot, . . .	3.00
Mrs. Bouton, " . . .	1.00
O. H. T. Richardson, repairing lot, . . .	8.00
Mrs. E. A. Bailey, care of lot, . . .	3.00
Mrs. Cyrus Hill, care of lot 1883-'84, . . .	4.00
B. G. Tucker, wood, . . .	5.00
E. H. Rollins, repairing lot, . . .	35.00
C. A. Dole, " . . .	21.95
Old North cemetery, turf and loam, . . .	8.00
	\$1,126.88
Received from trust funds,—	
W. F. Thayer, interest on invested fund, . . .	\$181.53
W. F. Thayer, on account of Knowlton fund, care of lot, . . .	13.50
W. F. Thayer, on account of G. G. Fogg fund, care of lot, . . .	9.50

W. F. Thayer, on account of Adams fund, care of lot, . . . . .	\$17.50	
W. F. Thayer, on account of McQuestion fund, care of lot, . . . . .	5.50	
W. F. Thayer, on account of Upham fund, care of lot, . . . . .	7.00	
	<hr/>	\$234.53
Received for sale of lots to Dec. 31, 1884,		1,200.00
		<hr/>
		\$3,116.36

## EXPENDITURES.

Paid as follows for contracts of 1883 unpaid Dec. 31, 1883 :

James Ogilvie, blacksmith work, 1883, . . . . .	\$1.55	
Miller & Sanborn, lumber, " . . . . .	3.67	
M. H. Bradley, use of team, " . . . . .	.50	
J. F. Scott, carpenter work, " . . . . .	1.25	
R. P. Sanborn, stamps, " . . . . .	.50	
E. A. Grover, fountain cover, " . . . . .	19.80	
	<hr/>	\$27.27

Paid for labor, &c., for 1884, as follows :

C. W. Baker, digging graves, . . . . .	\$34.75
B. G. Tucker, " . . . . .	88.50
Filing saws, . . . . .	.49
R. P. Sanborn, turf, . . . . .	13.00
R. A. Jeffers, repairing wheelbarrow, . . . . .	1.10
G. L. Williams, 100 feet of land, . . . . .	15.00
Lewis Belrose, cleaning stone, . . . . .	5.00
J. G. McAlpine, setting stone, . . . . .	.80
R. P. Sanborn, car fare and stamps, . . . . .	.59
A. Evans, axe and handle, . . . . .	.50
Thompson & Bethune, hardware, . . . . .	1.15
E. C. Fisher, key, . . . . .	.25
J. A. Cochran, making papers, . . . . .	.50
D. S. Webster, drawing loam, . . . . .	1.00
Moses Richardson, dressing, . . . . .	3.00
Wm. C. Frazer, " . . . . .	1.00
A. C. Abbott, repairing tools, . . . . .	2.25
R. M. Johnson, dressing, . . . . .	3.00
A. C. & M. C. Sanborn, seed, . . . . .	2.46

C. P. Little, dressing, . . . . .	\$1.50
Mead, Mason & Co., loam, . . . . .	7.25
Union Steam Mill Co., stakes and boxes, . . . . .	12.74
M. H. Bradley, loam and turf, . . . . .	72.45
City Water-Works, water bill, . . . . .	16.00
R. P. Sanborn, dressing, . . . . .	18.50
W. E. Gordon, " . . . . .	2.00
E. A. Grover, fountain cover, . . . . .	1.00
W. S. Harrod, dressing, . . . . .	3.00
Humphrey, Dodge & Smith, hardware, . . . . .	6.62
Henry W. Stevens, turf, . . . . .	3.00
S. Holman, turf, . . . . .	4.73
Munns & Paige, repairing water-pipe, . . . . .	1.77
Emma E. Brown, slate slabs, . . . . .	5.00
P. H. Larkin, weighing hay, . . . . .	.50
John F. Brown, 11 days' labor, . . . . .	16.50
William Ward, 33½ " . . . . .	50.25
Alvertas Evans, 118 " . . . . .	177.00
George Taylor, 116¾ " . . . . .	175.12
Henry W. Robinson, 136 days' labor, . . . . .	204.00
B. G. Tucker, 103¾ " . . . . .	155.63
Timothy Mahoney, 3½ " . . . . .	4.50
R. P. Sanborn, 128¼ " . . . . .	256.50
" 127 days' labor, team, . . . . .	158.75
B. G. Tucker, flowers for Hill lot, . . . . .	5.00
" watering " . . . . .	1.50
" moving Brown remains, . . . . .	8.00
E. Hodgman, dressing, . . . . .	.75
R. P. Sanborn, plants for Knowlton lot, . . . . .	4.50
Cummings Bro's, repairing Adams monument, . . . . .	3.00
Munns & Paige, water-pipe, . . . . .	18.18
C. O. Foss, surveying, &c., . . . . .	122.45
Miller & Sanborn, on account of signs, . . . . .	50.00
" " " " . . . . .	25.00
	<hr/>
	\$1,767.03
Paid city treasurer one half sale of lots, . . . . .	600.00
	<hr/>
	\$2,394.30
Balance in hands of committee, . . . . .	722.06
	<hr/>
	\$3,116.36

## OLD NORTH CEMETERY.

Balance in hands of committee per report		
Dec. 31, 1883, . . . . .		\$15.00
Received from		
C. M. Boynton, repairing lot, . . . . .	\$3.00	
Bessie Morrill, care of lot, . . . . .	.50	
Estate of Abigail Sweetzer (Alfred Cross, adm'r), care of lot, &c., . . . . .	19.45	
Mrs. T. A. Cushing, repairing lot, . . . . .	7.00	
A. H. Robinson, " . . . . .	4.00	
H. T. Chickering, " . . . . .	4.00	
Mary E. Stubbs, " . . . . .	18.75	
Mrs. Butterfield, turfing grave, . . . . .	2.50	
J. Stickney, care of lot, . . . . .	5.50	
J. P. Tucker, " . . . . .	1.50	
A. Monroe, " . . . . .	.50	
J. Minot, Minot enclosure, . . . . .	18.00	
J. H. Pearson, care of lot, . . . . .	2.25	
T. K. Blaisdell, repairing lot, . . . . .	5.25	
J. G. McAlpine, hay, . . . . .	22.50	\$114.70
Received from trust funds,—		
W. F. Thayer, interest on invested fund, . . . . .	\$44.28	
W. F. Thayer, account of French fund for care of lot, . . . . .	4.00	
W. F. Thayer, account of Wentworth fund for care of lot, . . . . .	2.50	\$50.78
		\$180.48

### EXPENDITURES.

Paid as follows :

John T. Brown, 1½ days' labor, . . . . .	\$2.25
Wm. Ward, 3 " . . . . .	4.50
A. Evans, 11½ " . . . . .	17.25
Geo. Taylor, 18½ " . . . . .	27.75
H. W. Robinson, 8½ " . . . . .	12.75

## EAST CONCORD CEMETERY.

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B. G. Tucker, 8 days' labor, . . . . .	\$12.00	
R. P. Sanborn, 6 " . . . . .	12.00	
" 3 days' labor with team, . . . . .	3.75	
Blossom Hill Cemetery, for turf and loam, . . . . .	8.00	
Balance in hands of committee, . . . . .	80.23	
		\$180.48

Respectfully submitted.

J. H. CHASE,  
 JAMES MINOT,  
 J. E. ROBERTSON,

*Committee.*

Concord, N. H., Dec. 31, 1884.

## EAST CONCORD CEMETERY.

*To the City Council:*

The committee on Pine Grove cemetery respectfully submit the following report for the year ending Dec. 31, 1884:

Cash on hand Jan. 1, 1884, . . . . .	\$49.59	
Received for sale of lots, . . . . .	15.00	
		\$64.59
Paid city treasurer one half sale of lots, . . . . .	\$7.50	
Paid for repairs, . . . . .	1.75	
Cash on hand, . . . . .	55.34	
		\$64.59

JOHN E. FRYE,  
 J. E. PLUMMER,  
 CHARLES E. STANIELS,

*Cemetery Committee.*

East Concord, N. H., Dec. 31, 1884.

## WEST CONCORD CEMETERY.

The following report for the year ending December 31, 1884,  
is respectfully submitted :

Cash on hand Jan. 1, 1884, . . . .	\$3.93	
Received for lots sold, . . . .	24.00	
	<hr/>	\$27.93
Paid city treasurer one half sale of lots, .	\$12.00	
Cash on hand, . . . . .	15.93	
	<hr/>	\$27.93

Respectfully submitted.

B. T. PUTNEY,  
J. M. CROSSMAN,  
O. L. SHEPARD,  
*Cemetery Committee.*

West Concord, N. H., Dec. 31, 1884.

# FIRE DEPARTMENT.

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## CHIEF ENGINEER'S REPORT.

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In conformity with the requirements of the fire ordinance of the city of Concord, the undersigned submits the annual report of the Fire Department for the year 1884, with a detailed statement of losses and insurance, rolls of membership, &c., &c.

### EXEMPTION FROM FIRES—DISCIPLINE.

The very remarkable exemption from fires and alarms, and complete immunity from serious or even ordinary conflagrations, is a subject of general congratulation. While great and devastating calamities by fire have visited many sections of our country, and the losses have been largely in excess of previous years, we have escaped almost untouched. In the Precinct but five box alarms have been sounded during the year, against an average in past years of fifteen or twenty, and in every instance the fires were comparatively trivial. The loss sums up only \$335.05. Outside the Precinct there have been three fires, in each instance at points where fire apparatus was not available, and the loss was \$1,325. Total loss in the city, \$1,660.05.

In the meantime there has been no relaxation of interest upon the part of the Department, and its discipline has been fully kept up. If it could not strike, it has always been ready to do so; and it is gratifying to me to be able to state, that at no time in its history has it attained a higher degree of efficiency than exists at present.

### INSURANCE.

In this connection the subject of insurance very naturally suggests itself. In my last report I discussed this matter at considerable length, and the justice and policy of the advance in rates,

which had been made shortly previous, was adversely commented upon. I had gathered, from the reports of the several chiefs of this Department, the losses and insurance of each year, commencing with 1873, the date of the introduction of Long pond water, and of the consequent hydrant service in extinguishment of fires, and, including the year 1883, covering a term of eleven years. These I tabulated and presented in totals for publication. I have thought best to reproduce them, with the addition of 1884, and subjoin the same:—

Years.	Losses.	Insurance recovered.
1873.*	\$67,905.05	\$51,909.51
1874.	21,301.70	14,451.70
1875.	20,410.00	16,294.00
1876.	18,000.00	14,750.00
1877.	9,000.00	6,800.00
1878.*	31,450.00	22,699.96
1879.	19,319.53	19,119.53
1880.	3,300.00	3,300.00
1881.*	27,325.00	25,823.00
1882.*	62,363.50	42,478.50
1883.	33,936.77	11,276.77
1884.	1,660.05	1,660.05
	\$315,971.60	\$230,563.02

The average loss for these twelve consecutive years has been \$26,330.97, and the average insurance recovered, \$19,213.59.

I propose to comment but little further upon this subject at the present time. I only desire to reiterate the statement then made, that, prior to the year 1884, it was admitted by the agents of the underwriters in this city that the sum annually paid for insurance

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\* In 1873, May 16, the Phenix stables, with Hutchins's store and Walker's iron store, were burned. Loss, \$15,000; insurance, \$15,000. Also, June 30, Griffin's carriage manufactory, with the North Congregational church. Loss, \$25,000; insurance, \$12,000.

In 1878, July 21, the brick and mastic building at St. Paul's School was burned by lightning. Loss, \$20,000; insurance, \$16,199.96.

In 1881, April 5, the Page Belting Works were partially burned. Loss and insurance, \$24,000.

In 1882, March 16, Clough's furniture manufactory was totally destroyed. Loss, \$22,000; insurance, \$12,500. Also, December 29, Comins's storehouse. Loss, \$9,000; insurance, \$8,000.

These data are given to account for the large losses in the years named.

in Concord was about \$70,000, and it is a reasonable inference that the amount is now not less, as any reduction in insurance, made for economic reasons, has been met by increase in the premium. With this presentation, I will leave the public to draw their own conclusions. The facts as stated exist, and they are "stubborn things." I will add that the city has completely performed its duty, in supplying for its protection a fire-alarm and the best and most complete apparatus of modern invention, with abounding and ample water facilities, and placed these in the hands of an orderly, well disciplined and efficient Department. It is hoped that this condition of things may be favorably appreciated by the associated insurance companies, and that every reasonable consideration will be made to us.

## FORCE, &amp;C.

The force of the Department is as follows: In the Precinct, at the Central Station, two second-class Amoskeag steamers,— "Kearsarge," with "Kearsarge Hose" (16 men), and "Gov. Hill," relief steamer, with "Eagle Hose" (13 men). The hose-carriages are both of Amoskeag manufacture, first-class, and drawn by horses. Hook and Ladder carriage, "City of Concord" (20 men). All the men in these companies are *call* men. The permanent employés are steward, assistant steward, and three drivers. There are six horses, besides the steward's horse, always held within reasonable distance to respond to an alarm.

The "Alert Hose" (12 men), at the north end, and the "Good-Will Hose" (12 men), at the south end, are each provided with a horse, kept constantly at a hack-stable adjoining the hose houses. The "Alert" uses a modern Department wagon, and the "Good-Will" a second-class Amoskeag, four-wheel carriage. Each has the swinging harness. The men are all *call* men.

The "Pioneer" steamer at Penacook (30 men) is a fourth-class Silsby, with a second-class Amoskeag hose-carriage. The steamer can be drawn by horses or by hand, as necessity may require. Horses are held available.

The "Old Fort" at East Concord, and the "Cataract" at West Concord, are hand-engines, with jumpers for hose. Their complement of men is 30 each.

The board of engineers consists of chief and three assistants in the Precinct, and one assistant each at Penacook, East Concord, and West Concord. The entire force numbers 175 men.

#### HOSE AND HYDRANTS.

No additions to the hose have been made during the year. The infrequency of fires has called for little use of hose, and its condition is substantially the same as in my report last year. I then recommended the purchase of one thousand feet new two and one half inch hose for the Precinct Department and Penacook. It is a remarkable fact, that of the seven fire organizations of this city using hose, one has wet its hose twice, and one once, only, at fires during the year; *the others not at all*. In view of this, and from prudential reasons, the purchase of new hose has been postponed, but I advise there should be no further delay.

New hydrants have been put in, one on Chandler street, near Clapp & Co.'s foundry, and one on Hall street, below Rolfe and Rumford Asylum.

#### NEW APPARATUS, &C.

The city, early in the year, accepted the Department hose-wagon now held by the "Alert Hose" company, and paid for the same the sum of \$400. The favorable impressions I entertained of the feasibility of the delivery of hose from a wagon, over the old method of a carriage with a reel, have been confirmed by its use. The carriage of the "Alerts," superseded by the wagon, was put in the most excellent order, repainted, and sent to the "Pioneer" Company at Penacook.

The Hook and Ladder carriage was repaired and repainted in the spring, by its makers, the Abbot-Downing Co., at a cost of \$239. New and heavier but smaller wheels, with heavier axles and wider track, were supplied, and several minor improvements made. It is now a model of strength, durability, and elegance, and carries, in very convenient form, all necessary implements and apparatus required in this branch of fire service.

## STATION, HOSE AND ENGINE-HOUSES.

It is hardly necessary for me to advert to the condition of the Central Station and the hose and engine-houses. All have been well cared for, and credit is due to the stewards having these properties in charge. The Central Station has very justly acquired a wide-spread reputation for its convenience, order, and remarkable neatness, and is visited by large numbers of persons, never failing to receive their encomiums. Its register for 1884 contains the names of about thirteen hundred visitors, coming from all sections of the country. Its exterior has been handsomely repainted, and very considerable additions have been made to the adornment and accommodations of its interior. The "Alert" and "Good-Will" hose-houses have also received exterior coats of paint. All these, with the engine-houses in the outlying wards, are in the best repair and condition.

## EXPENSES, &amp;C.

The expenses of the past year have been \$12,385.31, less \$240 cash received from the sale of two horses incapacitated for service; net, \$12,145.31. Of this amount the sum of \$400 for the new "Alert" hose-wagon; of \$675 for a pair of new horses, less \$240 from the sale of the old ones,—net, \$435; of \$239 for remodelling the Hook and Ladder carriage; making a total of \$1,074, may be classed as unusual and extraordinary, leaving the sum of \$11,071.31 as the actual running expense. This is about the amount of 1883, and may be taken as a fair estimate for a future average, not including the purchase of hose and other new material. The sum cannot seem large when we consider that it covers the pay-rolls and expenses of eight distinct fire organizations, with a large expanse of territory, the maintenance of the fire-alarm, of four of the five permanent men and five of the seven horses at the Central Station, and four horses on call at the hose and engine-houses, the lighting and heating, repairs and furnishing at the Central Station, two hose-houses in the Precinct, and three engine-houses outside, and various incidental expenses. All this has been done with a reasonable regard to economy.

## FIRE-ALARM.

The expenses of the fire-alarm for the year have been \$598.90, including \$200 pay of the superintendent, who is steward of the Central Station. To this may be fairly added the amount of the compensation of the assistant steward, as this officer would not be required if the steward were not called to the care of the alarm. The cost of the maintenance of the alarm may therefore be placed at about \$1,200 per annum. The value of the alarm is incalculable, and once in use will never be discarded. It cannot be too highly appreciated, and its great advantages are obvious to all. In my last report I suggested an increase of its capacity by the formation of another circuit, making a hill circuit, with north and south circuits in the remaining section of the compact portion of the city, and the addition of at least two boxes, one at the intersection of South and Clinton streets, and another at State and Walker streets. At the same time measures should be taken either to introduce an alarm by a powerful steam-gong, or increase the volume of the bells.

## RELIEF ASSOCIATION.

The Firemen's Relief Association, formed in the fall of 1883, embraces in its membership nearly every person in the Precinct Department, to which it is limited. In this, the first year of its existence, no casualty has occurred, and consequently no call has been made for any provision from its benefits. Its funds now amount to a little more than \$700, invested in Kansas coupon mortgages—one of \$500 at six per cent., and one of \$200 at seven per cent. Experience has shown that these associations, wherever existing, have been productive of great advantage to their beneficiaries. We cannot expect long to avert the inevitable consequences of the dangerous service to which firemen are called, and trust the public will not be unmindful of this in their generousities.

## VISIT TO KEENE.

In the month of October, upon invitation, a detail of five men from seven of the eight organizations of this Department visited Keene upon the occasion of its annual fire parade. The party

was accompanied by the mayor, and by members of the fire committee, and was graced by the presence of a considerable number of ladies. The trip was projected partly to inaugurate and establish social intercourse with this beautiful little city of southwestern New Hampshire, so long isolated from the capital, but which had been recently opened to us by more direct railroad communication, and partly for the pleasure it might afford. The "Alert" wagon was taken along, not for the purpose of entering any competitive trial, always to be deprecated, but to display its method of laying lines of hose, which was done much to the gratification of a large concourse of people. Our company, numbering about seventy-five, were royally received and entertained, and the tour will long be held in pleasant memory.

## ENGINEERS.

I have at all times been ably sustained by the board of engineers, and my associates in the Precinct have devoted reasonable time and attention to the inspection of buildings and the examination of edifices in progress of erection, suggesting precautionary measures for their protection, and acquainting themselves with their construction and character. The steamers have been tested at proper intervals, under the superintendence of an engineer.

## CONCLUSION.

My cordial acknowledgments are due the officers and members of this Department for zeal and efficiency in the performance of all their duties; to the police for watchful service and aid; to the mayor and fire committee particularly, and to members of the city government generally, for earnest support; and to the people of the city for unvarying expressions of interest and regard.

JOHN M. HILL,

*Chief Engineer Fire Department.*

Concord, N. H., Dec. 31, 1884.



## LIST OF FIRES AND ALARMS.

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### PRECINCT.

February 25, 1884. Box 23 ; tenement-house at Fosterville, owned by Mrs. Sarah E. Hamilton ; defect in chimney. Slight loss, \$238 ; insurance, \$238. Department out, with the exception of Good-Will Hose.

March 31. Box 42 ; house No. 48, South State street, owned and occupied by Mrs. Emma S. Annable ; defect in chimney. Loss, \$19.55 ; insurance, \$19.55. Department all out.

May 14. Box 45 ; Holt Brothers' Manufactory, corner Turnpike and Gas street. Fire in fuel shed adjoining boiler-house ; accidental. Slight loss ; no insurance demanded. Department out, except Alert Hose.

September 5. Box 42 ; house on Chandler street, owned by Clapp & Co., near foundry ; overheated stove. Loss slight ; no insurance demanded. Department out, except Alert Hose.

December 2. Box 23 ; house east of the B. C. & M. Railroad track, near Ferry street, owned by C. T. Huntoon, and occupied by W. G. Cox ; fired by children playing with matches ; young child two years of age suffocated. Slight loss, \$62.50 ; insurance, \$62.50. Alert Hose only out.

December 13. Thorn's shoe store, No. 138, North Main street ; slight fire in front window, caused by lace curtains coming in contact with gas-burner. Extinguished without alarm. Loss, \$15 ; insurance, \$15.

Aggregate losses in Precinct, \$335.05 ; insurance, \$335.05.

The box alarms have been only five in number, viz., two each from boxes 23 and 42, and one from box 45.

As tending to show our remarkable immunity from fires, I would state the fact that Eagle Hose and Alert Hose companies

have not wet their hose during the year, Kearsarge Steamer and Hose but once, and Good-Will Hose twice only.

The Precinct Department have in several instances extinguished incipient fires and cared for burning chimneys, upon call for aid made to the Central Station, by telephone or otherwise. In no case has a box alarm been given from a burning chimney. This is very commendable, and indicates care and prudence on the part of the public in ringing in a general alarm for trivial causes.

#### WARD SEVEN, OUTSIDE PRECINCT.

September 13. Barn, with twelve tons of hay and farming utensils, on Birch street, between Clinton street and Iron-Works road, two miles from the Central Station, owned by Samuel G. Parker; supposed accidental. Total loss, \$300; insurance, \$300. No alarm in Precinct.

#### PENACOOK.

July 12. Slaughter-house near High street, owned by John H. Foss, occupied by J. B. Goldsmith & Co.; supposed accidental. Total loss, \$990; insurance, \$990. "Pioneer" steamer out, but no water available.

#### EAST CONCORD.

April 20. House of Mrs. Ruth Fairfield, Eastman street; accidental. Extinguished without general alarm. Slight loss, \$35; insurance, \$35.

#### WEST CONCORD.

There has been no fire or alarm within the limits of West Concord during the year.

#### SUMMARY.

The losses in the entire city for the year are \$1,660.05 only, with insurance of the same amount. This aggregate is without parallel in the history of Concord for the past twenty-five years. All the losses have been adjusted upon appraisal, hence the similarity of their amount with the insurance recovered.