

## HIGHWAY DEPARTMENT.

251

## MACADAM.

Labor pay rolls, repairing,		\$61.92
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## WINTER EXPENSE.

Labor pay rolls, breaking roads,	\$22.43	
“ “ leveling snow,	31.43	
“ “ plowing walks,	42.17	
“ “ draining gutters,	115.27	
“ “ sanding walks,	148.96	
“ “ snowing bridges,	17.77	
“ “ shoveling walks and crossings,	43.62	
“ “ rolling snow,	24.45	
	<hr/>	\$446.10

## WEST CONCORD DISTRICT.

## GENERAL REPAIRS.

Labor pay rolls,	\$400.80	
J. M. Crossman, repairing tools,	4.95	
Thompson-Hoague Co., pipe,	17.00	
	<hr/>	\$422.75

## CULVERTS.

Labor pay rolls,		\$1.87
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## SIDEWALKS AND CROSSINGS.

Labor pay rolls, repairing sidewalks,	\$32.36	
Labor pay rolls, building sidewalks,	110.25	
	<hr/>	\$142.59

## WATERING TROUGHS AND DRINKING FOUNTAINS.

Labor pay rolls,	\$10.04	
Concord Water-Works, water,	40.00	
A. H. Britton & Co., cups,	1.02	
Concord Electric Co., light,	16.00	
	<hr/>	\$67.06

## CITY OF CONCORD.

## GUTTERS.

Labor pay rolls, cleaning,	\$101.28
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## WINTER EXPENSE.

Labor pay rolls, breaking roads,	\$20.07	
“ “ plowing walks,	50.00	
“ “ sanding walks,	22.91	
“ “ snowing bridges,	21.82	
“ “ draining gutters,	17.38	
“ “ shoveling walks and crossings,	6.54	
“ “ leveling snow,	3.72	
		\$142.44

## EAST CONCORD DISTRICT.

Labor pay rolls, breaking roads,	\$2.83	
“ “ plowing walks,	10.00	
“ “ sanding walks,	18.41	
“ “ shoveling walks and crossings,	15.19	
“ “ draining gutters,	2.61	
“ “ general repairs,	300.50	
“ “ cleaning gutters,	43.66	
“ “ repairing culverts,	12.93	
“ “ repairing sidewalks,	90.17	
Thompson-Hoague Co., pipe,	8.40	
C. R. Robinson, water for trough,	20.00	
M. J. Lacroix, repairing tools,	2.50	
W. L. Jenks & Co., supplies,	.90	
George Prescott, lettering guide boards,	2.75	
		\$530.85

## HIGHWAY DEPARTMENT.

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## PENACOOK INTERVALE DISTRICT.

Labor pay rolls, breaking roads,	\$0.80	
Labor pay rolls, general repairs,	64.54	
Ai J. Smith, use watering trough,	3.00	
L. R. Hinds, posts,	3.85	
	<u>          </u>	\$72.19

## EAST CONCORD INTERVALE DISTRICT.

Labor pay rolls, breaking roads,	\$12.58	
Labor pay rolls, general repairs,	23.39	
Frank Fanny, use watering trough,	3.00	
	<u>          </u>	\$38.97

## MOUNTAIN DISTRICT.

Labor pay rolls, breaking roads,	\$12.93	
Labor pay rolls, general repairs,	295.06	
C. P. Little, lumber,	84.00	
Thompson-Hoague Co., pipe,	91.12	
John W. Sanborn, posts, etc.,	7.90	
	<u>          </u>	\$491.01

## HOIT DISTRICT.

Labor pay rolls, breaking roads,	\$4.73	
Labor pay rolls, general repairs,	131.70	
Joseph Matott, sand,	2.40	
Fred Mayo, use watering trough,	3.00	
	<u>          </u>	\$141.83

## VIRGIN DISTRICT.

Labor pay rolls, breaking roads,	\$7.54	
Labor pay rolls, general repairs,	166.62	

## CITY OF CONCORD.

Labor pay rolls, repairing culverts,	\$16.82	
Hutchinson Building Co., signs,	3.00	
F. P. Virgin, guide-posts,	2.00	
F. P. Virgin, use watering trough 1905-6,	6.00	
Thompson-Hoague Co., pipe,	40.60	
George Prescott, lettering signs,	6.25	
	<hr/>	\$248.83

## SANBORN DISTRICT.

Labor pay rolls, general repairs,	\$81.47	
Thompson-Hoague Co., pipe,	7.20	
	<hr/>	\$88.67

## POTTER STREET DISTRICT.

Labor pay rolls, breaking roads,	\$1.20	
Labor pay rolls, general repairs,	178.23	
John Durgin, sawdust,	1.75	
John T. Tenney, use watering trough,	3.00	
John T. Batchelder, grade,	2.40	
W. L. Jenks & Co., supplies,	1.75	
Thompson-Hoague Co., pipe,	12.05	
	<hr/>	\$200.38

## HOT HOLE POND DISTRICT.

Labor pay rolls, breaking roads,	\$4.50	
Labor pay rolls, general repairs,	22.91	
Labor pay rolls, repairing bridges,	7.83	
W. L. Jenks & Co., nails,	.53	
Robinson & Sanborn, plank,	24.90	
	<hr/>	\$60.67

## HIGHWAY DEPARTMENT.

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## EGYPT DISTRICT.

Labor pay rolls, breaking roads,	\$7.93	
Labor pay rolls, general repairs,	332.27	
Cyrus Jenness, gravel,	19.80	
	<hr/>	\$360.00

## HORSE HILL DISTRICT.

Labor pay rolls, breaking roads,	\$7.45	
Labor pay rolls, general repairs,	190.21	
R. W. Hoit, gravel,	2.10	
Thompson-Hoague Co., pipe,	7.20	
	<hr/>	\$206.96

## MAST YARD DISTRICT.

Labor pay rolls, breaking roads,	\$3.00	
Labor pay rolls, general repairs,	4.50	
Hutchinson Building Co., signs,	1.50	
	<hr/>	\$9.00

## NUMBER FOUR DISTRICT.

Labor pay rolls, breaking roads,	\$17.60	
Labor pay rolls, general repairs,	344.55	
George A. Carter, gravel,	3.50	
	<hr/>	\$365.65

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\$24,951.45

## SALARY COMMISSIONER.

Appropriation,	\$1,400.00
Expenditures:	
Alfred Clark, salary,	\$1,400.00

## TREES.

Appropriation,	\$800.00
Expenditures:	

## CENTRAL DISTRICT.

Labor pay rolls, trimming and removing trees,	\$222.89	
Labor pay rolls, account brown-tail moth,	291.19	
Joseph Breck & Son, pruners,	2.50	
W. L. Jenks & Co., supplies,	42.02	
Concord Evening Monitor, advertising,	2.40	
People and Patriot Co., advertising,	2.20	
Alfred Clark, commissioner, express, etc.,	5.55	
George D. Huntley, repairs,	2.00	
C. H. Martin & Co., supplies,	11.70	
Virgin & Forrest, filing saws,	3.68	
		\$586.13

## PENACOOK DISTRICT.

Labor pay rolls, trimming and removing trees,	\$28.76	
O. J. Fifield, use of team,	1.25	
		\$30.01

HIGHWAY DEPARTMENT.

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WEST CONCORD DISTRICT.

Labor pay rolls, trimming and removing trees,	\$5.74	
Labor pay rolls, account brown-tail moth,	11.17	
	<u>          </u>	\$16.91

EAST CONCORD DISTRICT.

Labor pay rolls, account brown-tail moth,		\$15.08
		<u>          </u>
		\$648.13
Transferred to general maintenance,		151.87
		<u>          </u>
		\$800.00

CATCH BASINS.

Appropriation,	\$1,500.00	
Transferred from sidewalks and crossings, new,	189.54	
	<u>          </u>	\$1,689.54

Expenditures:

CENTRAL DISTRICT.

Labor pay rolls, relaying pipe at St. Paul's School,	\$34.94
Labor pay rolls, cleaning,	668.15
“ “ repairing,	13.72
“ “ building,	123.68
“ “ re-building,	52.26
“ “ thawing,	14.91

## CITY OF CONCORD.

Edson Manufacturing Co., hose, etc.,	\$14.33	
Thompson-Hoague Co., pipe,	68.20	
Woodworth & Co., cement,	40.70	
Concord Foundry & Machine Co., out- fits,	125.22	
Ritchie & Elliott, labor,	105.00	
Samuel Holt, brick,	102.00	
C. F. Thompson, rubber boots,	18.75	
D. Waldo White, cement,	14.05	
	<hr/>	\$1,395.91

## PENACOOK DISTRICT.

Labor pay rolls, cleaning,	\$84.12	
“ “ repairing,	35.37	
“ “ re-building,	32.86	
George Neller, mason work,	16.60	
R. E. Gale, pipe,	6.50	
Foote, Brown & Co., cement,	7.00	
	<hr/>	\$182.45

## WEST CONCORD DISTRICT.

Labor pay rolls, cleaning,	\$16.84	
“ “ repairing,	2.09	
“ “ building,	11.99	
Concord Foundry & Machine Co., out- fits,	4.20	
Thompson-Hoague Co., pipe,	5.04	
	<hr/>	\$40.16

## EAST CONCORD DISTRICT.

Labor pay rolls, cleaning,	\$5.97	
“ “ repairing,	3.50	

## HIGHWAY DEPARTMENT.

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Labor pay rolls, building,	\$32.93	
Thompson-Hoague Co., pipe,	28.62	
	<hr/>	\$71.02
		<hr/>
		\$1,689.54

## SIDEWALKS AND CROSSINGS, NEW.

Appropriation, \$2,000.00

## Expenditures:

## CENTRAL DISTRICT.

Labor pay rolls, grading for concrete walks,	\$60.18	
Labor pay rolls, setting edgestone,	22.53	
Labor pay rolls, resetting edgestone,	15.56	
J. H. Rowell & Co., concrete walks,	240.78	
J. H. Rowell & Co., concrete crossings,	124.23	
P. Crowley, curbing,	50.10	
	<hr/>	\$513.38
Transferred to permanent work, South Spring Street,		21.49
Transferred to permanent work, South Pembroke Road,		20.40
Transferred to permanent work, Penacook Road,		64.55
Transferred to sidewalks and crossings, repair,		92.36
Transferred to catch basins,		189.54
Transferred to general maintenance,		1,098.28
		<hr/>
		\$2,000.00

## SIDEWALKS AND CROSSINGS, REPAIR.

Appropriation,	\$1,500.00	
Transferred from sidewalks and crossings, new,	92.36	
		\$1,592.36

## Expenditures:

## CENTRAL DISTRICT.

Labor pay rolls, re-setting edgestone,	\$27.42	
Labor pay rolls, repairing sidewalks,	19.70	
J. H. Rowell & Co., repairing walks,	1,385.12	
J. H. Rowell & Co., repairing crossings,	88.71	
J. H. Rowell & Co., repairing roadway,	71.41	
		\$1,592.36

## PERMANENT WORK.

## PENACOOK ROAD.

Appropriation,	\$2,500.00	
Transferred from sidewalks and crossings, new,	64.55	
		\$2,564.55

## Expenditures:

Labor pay rolls, setting up crusher,	\$101.29
“ “ crushing,	737.29
“ “ excavating,	662.05
“ “ macadamizing,	783.73
“ “ building catch basins,	23.27
D. Warren Fox, supplies,	1.23
J. E. Rossell, coal,	56.57
Boston & Maine R. R., freight,	.79
Alfred Clark, commissioner, car fares for men, etc.,	1.45
C. M. & A. W. Rolfe, lumber,	6.85
Page Belting Co., oil,	8.70

## HIGHWAY DEPARTMENT.

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F. M. Morse & Co., oil,	\$3.77	
J. E. Brown, sharpening tools,	9.65	
E. L. Davis, coal,	35.23	
C. G. Davis, painting sign,	.50	
Foote, Brown & Co., supplies,	1.73	
R. E. Gale, pipe,	8.16	
George Neller, mason work,	18.93	
Concord Foundry & Machine Co., out-		
fits,	36.00	
A. B. Black, repairs,	57.40	
Thompson-Hoague Co., pipe,	3.60	
Boscawen Mills, waste,	.36	
Concord Water-Works, water,	6.00	
	<hr/>	\$2,564.55

## SOUTH PEMBROKE ROAD.

Appropriation,	\$500.00	
Transferred from sidewalks and cross-		
ings, new,	20.40	
	<hr/>	\$520.40
Expenditures:		
Labor pay rolls, grading,	\$476.50	
Jerry Colby, gravel,	16.30	
A. Chandler Manning, gravel,	15.80	
Jabez Chickering, marl,	11.80	
	<hr/>	\$520.40

## NORTH STATE STREET.

Appropriation,		\$1,500.00
Expenditures:		
Labor pay roll, excavating,	\$353.64	
Labor pay roll, macadamizing,	1,068.19	

Boston & Maine R. R., repairs,	\$4.85	
Farrel Foundry & Machine Co., repairs,	38.00	
Robert Crowley, coal,	7.00	
Page Belting Co., tallow, etc.,	26.12	
		\$1,497.80
Transferred to general maintenance,		2.20
		\$1,500.00

## SOUTH SPRING STREET.

Appropriation,	\$1,000.00	
Transferred from sidewalks and cross-ings, new,	21.49	
		\$1,021.49
Expenditures:		
Labor pay rolls, grading,	\$301.87	
“ “ putting in drain,	554.58	
“ “ putting in catch basin,	24.21	
Concord Foundry & Machine Co., out-fit,	4.80	
Thompson-Hoague Co., pipe,	121.28	
Robert Crowley, coal,	14.00	
C. H. Martin & Co., oil, etc.,	.75	
		\$1,021.49

## CONCRETING NORTH STATE STREET.

Appropriation,	\$5,000.00	
Deposited by J. Wesley Plummer, treasurer,	5,855.97	
		\$10,855.97
Expenditures:		
Labor pay rolls, excavating,	\$2,418.17	
“ “ macadamizing,	2,089.43	
“ “ setting edgestone,	54.48	

## HIGHWAY DEPARTMENT.

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Labor pay rolls, catch basins,	\$28.07	
P. Crowley, edgestone,	105.82	
Robert Crowley, coal,	150.50	
Concord Foundry & Machine Co., labor, castings, etc.,	32.73	
W. L. Jenks & Co., supplies,	2.50	
Page Belting Co., repairs, etc.,	83.92	
Hutchinson Building Co., stakes,	12.00	
J. H. Rowell & Co., concrete,	5,787.77	
Charles Trenoweth, curbing,	8.00	
Kelly-Springfield Road Roller Co., re- pairs,	6.75	
Farrel Foundry & Machine Co., cast- ings,	21.50	
Boston & Maine R. R., freight,	2.08	
Alfred Clark, commissioner, postage,	1.50	
Thompson-Hoague Co., pipe,	23.94	
A. B. Black, repairs,	1.26	
Ritchie & Elliott, labor,	7.00	
Woodworth & Co., cement,	2.65	
J. Elizabeth Hoit, cobble,	10.80	
Susan G. Perkins, cobble,	5.10	
		————— \$10,855.97

## GARBAGE.

Appropriation,	\$6,000.00	
Balance from 1905,	25.87	
Deposited from collections,	153.03	
		————— \$6,178.96

## Expenditures:

Labor pay rolls, collecting garbage,	\$1,923.80
“ “ collecting paper,	501.06
“ “ burning paper,	80.49
“ “ leveling ashes,	691.16

## CITY OF CONCORD.

Labor pay rolls, cleaning crossings,	\$548.24	
“ “ cleaning streets with patrol carts,	888.13	
“ “ sweeping pavements,	47.81	
“ “ cleaning gutters,	1,254.44	
Ames Plow Co., supplies,	21.00	
A. B. Black, street cleaner,	15.00	
Alfred Clark, commissioner, freight,	.75	
H. Thompson, re-filling broom,	18.00	
H. Thompson, brooms,	13.38	
		\$6,003.26
Balance carried to 1907 account,		175.64
		<u>\$6,178.90</u>

## SPRINKLING.

Appropriation,	\$5,000.00	
Balance from 1905,	687.96	
		<u>\$5,687.96</u>

## Expenditures:

Labor pay rolls, repairing and paint- ing carts,	\$287.10
Labor pay rolls, repairing standpipes,	53.18
Labor pay rolls, sprinkling,	4,303.23
C. H. Martin & Co., paint,	26.65
Abbot-Downing Co., repairing carts,	17.20
Samuel Eastman & Co., couplings, etc.,	4.50
A. H. Britton & Co., repairs,	7.84
J. T. Walker, hay,	84.78
George D. Huntley, repairs,	32.55
A. C. Sanborn, hay,	52.90
Boston & Maine R. R., freight,	1.47
R. J. Macguire, veterinary services,	12.00

## HIGHWAY DEPARTMENT.

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G. S. Milton & Co., labor and supplies,	\$11.39	
Concord Water-Works, water for stand- pipes,	700.00	
		\$5,594.79
Balance carried to 1907 account,		93.17
		<u>\$5,687.96</u>

Deposited with the city treasurer as follows:

New Hampshire State Hospital, crushed stone,	\$9.00
New Hampshire State Hospital, street sweepings,	75.00
Walter H. Sargent, labor,	7.28
W. P. Ballard, use pump,	1.00
L. C. Merrill, crushed stone,	6.00
Union School District, labor,	78.03
John T. Cate, use pump,	1.00
John McIntire, street sign,	1.50
I. O. O. F. Home, crushed stone,	3.50
B. W. Couch, labor spraying trees,	.98
V. C. Hastings, labor spraying trees,	1.00
V. J. Nay, labor spraying trees,	2.00
A. D. Ayling, adjutant, labor,	4.40
J. B. Walker, edgestone,	50.00
C. P. Little, use pump,	1.00
Walter Blanchard, labor spraying trees,	.50
St. Mary's School, labor spraying trees,	2.98
Mrs. L. W. Allen, labor spraying trees,	1.96
F. A. Stillings, labor spraying trees,	.98
Allen Hollis, labor spraying trees,	1.96
H. E. Parker, concrete,	9.13
Lewis F. Emery, labor spraying trees,	.98
E. N. Pearson, labor spraying trees,	.50

E. A. Grover, concrete,	\$9.13
Adam P. Holden, crushed stone,	3.00
H. M. Cavis, labor spraying trees,	1.00
W. W. Critchett, dressing,	40.00
F. P. Virgin, labor spraying trees,	1.00
Roy George, labor spraying trees,	1.00
W. G. Roach, labor spraying trees,	1.00
C. L. Fellows, labor spraying trees,	1.50
J. L. Cass, labor spraying trees,	1.00
Mrs. Helen Cogswell, labor spraying trees,	.75
Julia W. Russell Estate, labor spraying trees,	.98
P. A. Clifford, labor spraying trees,	1.00
Mrs. Perry Kittredge, labor spraying trees,	1.50
Mary E. Sherburne, labor spraying trees,	.98
Mrs. Hattie E. Sanborn, labor spraying trees,	1.50
Mrs. J. C. Ordway, labor spraying trees,	1.00
William LaMonte, flag stone,	2.00
F. J. Pillsbury, labor spraying trees,	.50
H. M. Cavis, concrete and edgestone,	47.95
Kate F. Clark, concrete,	13.21
Mrs. N. F. Blaisdell, labor spraying trees,	1.00
J. E. Randlett, labor spraying trees,	1.00
John Roach, use pump,	1.00
Owen Sullivan Estate, concrete,	14.37
Walter Putney, use pump,	1.00
J. C. French, labor spraying trees,	2.00
Rowell & Plummer, crushed stone,	2.00
Perley Badger, use pump,	.50
Mrs. J. C. Ordway, concrete,	10.66
Mrs. Richard Ayer, labor spraying trees,	2.25
Centennial Home for Aged, edgestone,	28.00

## HIGHWAY DEPARTMENT.

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G. S. Milton & Co., use pump,	\$2.00	
Park Department, crushed stone,	15.00	
Committee on Lands and Buildings, labor,	6.50	
Concord Water-Works, labor,	14.45	
J. H. Rowell & Co., crushed stone,	202.00	
Daniel Crowley, concrete,	8.85	
Alfred Clark, concrete,	7.80	
C. P. Little, dressing,	25.00	
	<hr/>	\$736.06

## WARD ONE.

STREET.	Work.	Materials used.	Ex- pense.
Borough road .....	General repairs .....	Gravel .....	\$5.80
	Road machine .....		22.47
Centre .....	General repairs .....	Gravel .....	17.52
	Repairing sidewalks ..	Crushed stone .....	9.54
Charles .....	General repairs .....	Gravel .....	22.56
	Grading .....	Gravel .....	68.45
Church .....	General repairs .....		1.97
Crescent .....	Repairing sidewalks ..	(Gravel, crushed stone.	15.13
Cross .....	Repairing sidewalks ..	(Gravel, crushed stone.	20.61
	General repairs .....	Gravel .....	18.42
East Canal .....	" " .....	" .....	4.35
Elm .....	" " .....	" .....	34.73
	Grading .....	" .....	76.18
Fowler .....	General repairs .....	" .....	3.83
High .....	" " .....	Gravel, crushed stone.	56.17
Horse Hill road .....	" " .....	" .....	91.05
	Road machine .....		41.84
Main road (Horse Hill)	General repairs .....	Gravel .....	25.00
Main .....	General repairs .....	Gravel, crushed stone.	21.28
	Repairing sidewalks ..	Crushed stone .....	34.59
Merrimack avenue ...	General repairs .....	" " .....	3.18
Merrimack .....	General repairs .....	" " .....	37.35
Penacook road .....	Repairing macadam ..	" " .....	112.93
	Macadamizing .....	" " .....	2,564.55
Penacook .....	General repairs .....	" " .....	25.64
	Building sidewalk .....	Gravel .....	51.08
Pleasant .....	General repairs .....	Gravel .....	26.56
River road .....	Road machine .....		17.41
Rolfe .....	General repairs .....	Gravel .....	31.07
	Repairing sidewalks ..	Crushed stone .....	50.05
Runnells road .....	General repairs .....	Gravel .....	26.37
Scales road .....	" " .....	Gravel and ashes .....	26.20
Spring .....	" " .....	Gravel, crushed stone.	17.06
Summer .....	" " .....	Gravel, crushed stone.	27.81
Summit .....	Building sidewalk .....	Crushed stone .....	41.97
Sweatt's Hill road ...	General repairs .....	Gravel .....	18.91
Terry road .....	" " .....		3.50
Union .....	" " .....		2.58
Walnut .....	" " .....	Gravel .....	110.73
Warner road .....	" " .....	" .....	58.02
Washington .....	" " .....	" .....	15.80
	Repairing sidewalks ..	Crushed stone .....	21.28
	Grading .....	Gravel .....	283.56
Webster road .....	General repairs .....	Gravel .....	58.63
West Canal .....	" " .....		.50
West Main .....	" " .....	Gravel .....	9.48

## WARD TWO.

STREET.	Work.	Materials used.	Ex- pense.
Appleton .....	Road machine .....		\$11.61
Canterbury road .....	Road machine .....		7.69
	General repairs .....		2.83
Curtis road .....	" " .....		5.40
Cushing road .....	" " .....		10.50
East Penacook .....	Road machine .....		17.30
Graham road .....	Road machine .....		13.96

## WARD TWO.—Continued.

STREET.	Work.	Materials used.	Ex- pense.
Graham road .....	General repairs .....	.....	\$38.44
Hayward road .....	" " .....	.....	3.00
Hot Hole Pond road..	" " .....	.....	9.45
Kilburn road .....	Road machine .....	.....	13.45
Loudon road .....	General repairs .....	.....	48.90
Mill .....	General repairs .....	.....	16.44
Mountain lane .....	Road machine .....	.....	14.13
Mountain road .....	Grading .....	Gravel .....	14.82
Pecker .....	Repairing sidewalks..	Gravel, crushed stone.	8.79
Pembroke .....	General repairs .....	.....	3.34
Penacook .....	Road machine .....	.....	10.12
Penacook road (Moun- tain District).....	General repairs .....	.....	1.67
Penacook road (Hoit District).....	" " .....	Gravel .....	7.04
Penacook r'd (Penac'k Intervale District)..	Grading .....	Stone chips .....	68.96
Penacook road (San- born District).....	General repairs .....	Gravel .....	72.16
Portsmouth .....	Repairing sidewalks..	Gravel, crushed stone.	78.57
Potter .....	General repairs .....	Gravel .....	107.19
Sanborn road .....	Road machine .....	.....	26.47
Sewall's Falls road ..	Putting in drain .....	.....	133.75
Shaker road .....	General repairs .....	Gravel .....	39.73
Shaker road (Virgin District) .....	Road machine .....	.....	37.54
Shawmut .....	" " .....	.....	20.00
Snow's Pond road....	General repairs .....	.....	21.14
Turtletoad road .....	" " .....	Gravel .....	30.16
Tyargo road .....	" " .....	Gravel .....	21.92
Virgin road .....	Road machine .....	.....	109.37
Winthrop .....	" " .....	.....	78.81
	General repairs .....	.....	11.19
	General repairs .....	.....	8.65
	Road machine .....	.....	2.80
	General repairs .....	.....	22.41
	Road machine .....	.....	32.09
	Road machine .....	.....	49.97
	General repairs .....	.....	57.98
	Repairing culvert .....	.....	42.12
	General repairs .....	Gravel, crushed stone.	133.65
	Repairing sidewalks..	Crushed stone. ....	19.62
	General repairs .....	.....	21.28
	" " .....	.....	1.56
	" " .....	.....	3.86
	" " .....	.....	6.51
	" " .....	.....	1.11

## WARD THREE.

STREET.	Work.	Materials used.	Ex- pense.
Beech Hill road .....	General repairs .....		\$6.15
	Road machine .....		26.77
	Grading .....	Gravel .....	34.10
Bog road .....	General repairs .....		19.81
	Road machine .....		14.67
Carter Hill road .....	Road machine .....		15.80
	General repairs .....	Gravel .....	31.37
Dolan .....	" .....	" .....	1.87
" Dugway " .....	" .....	Gravel .....	6.60
Electric avenue .....	" .....	" .....	3.22
Ferrin road .....	" .....	" .....	15.20
Hutchins .....	" .....	" .....	25.87
	Building sidewalk .....		8.60
	Grading .....		107.10
Knight .....	General repairs .....		34.54
	Building sidewalk .....		101.63
Lake .....	General repairs .....		49.13
Little road .....	General repairs .....		20.73
	Road machine .....		15.80
Long Pond road .....	Road machine .....		86.15
	General repairs .....	Gravel .....	19.47
North State .....	General repairs .....	Gravel, crushed stone.	20.38
	Repairing sidewalks .....	Gravel, crushed stone.	40.40
Number Four road .....	General repairs .....		17.30
Number Five road .....	General repairs .....		22.30
Palm .....	Grading .....	Stone chips .....	59.30
Pine Hill road .....	General repairs .....		11.97
Quaker .....	General repairs .....		4.57
River road .....	Grading .....	Gravel .....	113.80
Saltmarsh road .....	General repairs .....	Gravel .....	19.71
	Road machine .....		17.30
Second .....	General repairs .....		8.44
Sewall's Falls road .....	General repairs .....		24.16
	Road machine .....		16.74
West Parish road .....	Road machine .....		15.80

## WARD FOUR.

STREET.	Work.	Materials used.	Ex- pense.
Abbott .....	General repairs .....	Gravel, crushed stone.	\$5.12
Beacon .....	General repairs .....	Gravel, crushed stone.	24.71
	Building concrete walks .....		22.29
	Repairing concrete walks .....		15.00
Centre .....	Repairing concrete walks .....		161.49
	General repairs .....	Gravel .....	27.42
Chapel .....	" .....	" .....	11.73
Chestnut .....	" .....	" .....	.50
Church .....	" .....	" .....	3.92
Court .....	Repairing concrete walks .....		2.97
Fiske .....	General repairs .....	Crushed stone .....	23.24
Franklin .....	" .....	Gravel .....	15.31
Jackson .....	" .....	Gravel .....	19.43
	Repairing sidewalks .....	Gravel, crushed stone.	10.51

WARD FOUR.—Continued.

STREET.	Work.	Materials used.	Ex- pense.
Lyndon .....	General repairs .....	Gravel .....	\$13.98
Maple .....	General repairs .....	Gravel .....	1.73
	Repairing concrete walks .....		31.20
Montgomery .....	Repairing sidewalks..	Crushed stone .....	2.70
North Essex .....	General repairs .....	Gravel .....	7.01
	Grading .....	Gravel, crushed stone.	33.71
North Main .....	General repairs .....	Crushed stone .....	12.63
	Repairing concrete walks .....		27.57
North Spring .....	Pointing up bank wall		43.91
	Repairing concrete walks .....		17.64
North State .....	General repairs .....	Crushed stone .....	30.54
	Repairing macadam..	Crushed stone .....	44.51
	Repairing concrete walks .....		21.84
Ridge road .....	Repairing sidewalks..	Crushed stone .....	20.35
Rowell .....	General repairs .....	Gravel .....	5.33
	Building sidewalks..	Gravel .....	20.96
Rumford .....	General repairs .....	Gravel, crushed stone.	31.99
	Repairing concrete walks .....		62.23
Tremont .....	General repairs .....	Crushed stone .....	2.30
Union .....	General repairs .....	Gravel .....	9.90
	Repairing concrete walks .....		3.96
Valley .....	General repairs .....	Crushed stone .....	1.90
Walker .....	" .....	Crushed stone, gravel.	11.68
Washington .....	" .....	Gravel .....	55.95
	Repairing concrete walks .....		42.71
White... ..	General repairs .....	Gravel .....	6.65

WARD FIVE.

STREET.	Work.	Materials used.	Ex- pense.
Centre .....	General repairs .....	Gravel .....	\$6.68
	Building sidewalks...	Gravel, crushed stone.	48.44
Fremont .....	Repairing concrete walks .....		9.52
Giles .....	General repairs .....		.83
Green .....	General repairs .....	Crushed stone .....	29.38
	Repairing concrete walks .....		2.82
	Repairing concrete roadway .....		28.87
Hanover .....	General repairs .....	Gravel .....	7.36
Huntington .....	" .....	Gravel .....	1.47
Liberty .....	" .....	Gravel, crushed stone.	10.55
	Grading .....	Gravel .....	27.20
	Building concrete crossings .....		14.62
Merrimack .....	General repairs .....	Crushed stone .....	17.93
	Repairing concrete walks .....		14.25

## WARD FIVE.—Continued.

STREET.	Work.	Materials used.	Ex- pense.
North Main .....	Repairing concrete walks .....		\$151.00
	Repairing concrete roadway .....		29.56
	General repairs .....		11.96
North Spring .....	General repairs .....		.67
	Repairing concrete walks .....		25.79
North State .....	General repairs .....	Crushed stone .....	7.28
	Repairing concrete walks .....		60.33
	Repairing concrete roadway .....		7.66
Park .....	Repairing concrete walks .....		9.37
	General repairs .....	Crushed stone .....	2.70
Pine .....	" .....	Crushed stone, gravel .....	8.70
Pleasant .....	" .....	Crushed stone, gravel .....	17.12
	Repairing concrete walks .....		102.93
	Repairing sidewalks .....	Crushed stone .....	13.59
School .....	Concreting .....		1,058.25
	General repairs .....	Crushed stone, gravel .....	79.18
	Repairing concrete walks .....		10.27
	Building concrete walks .....		138.77
Short .....	General repairs .....	Gravel .....	2.35
Tahanto .....	" .....	Crushed stone .....	5.27
Warren .....	" .....	Crushed stone, gravel .....	7.01
	Repairing macadam .....	Crushed stone .....	197.08
	Repairing sidewalks .....	Gravel .....	14.59
	Repairing concrete roadway .....		18.16
	Building concrete walks .....		115.00
	Repairing concrete walks .....		69.49
Washington .....	General repairs .....	Gravel .....	7.00
West Washington .....	" .....	Gravel .....	27.74
Woodman .....	" .....	Crushed stone .....	5.27

## WARD SIX.

STREET.	Work.	Materials used.	Ex- pense.
Clinton .....	General repairs .....	Crushed stone, gravel .....	\$5.49
Concord .....	Grading .....	Gravel .....	39.72
Downing .....	General repairs .....		2.23
	Repairing concrete walks .....		30.32
Elm .....	Repairing concrete walks .....		17.65
Fayette .....	Repairing concrete walks .....		3.67
	General repairs .....	Gravel .....	14.02
Grove .....	General repairs .....	" .....	39.03
	Grading .....	" .....	69.62

## WARD SIX.—Continued.

STREET.	Work.	Materials used.	Ex- pense.
Grove.....	Building concrete crossing.....		\$29.47
Laurel.....	General repairs.....	Gravel.....	9.19
Monroe.....	General repairs.....	Gravel.....	9.99
	Repairing concrete walks.....		16.92
Orchard.....	General repairs.....	Gravel.....	3.98
	Repairing concrete walks.....		.59
Perley.....	General repairs.....	Gravel.....	29.84
	Repairing concrete walks.....		3.46
Pierce.....	General repairs.....	Gravel.....	5.71
Pleasant.....	General repairs.....	Gravel.....	24.12
	Repairing concrete walks.....		26.25
	Concreting.....		1,058.26
South.....	General repairs.....	Gravel, crushed stone.	9.55
	Repairing concrete walks.....		45.59
South Main.....	Repairing concrete walks.....		35.66
	General repairs.....	Gravel, crushed stone.	197.97
South State.....	General repairs.....	Crushed stone.....	30.37
	Repairing concrete walks.....		168.22
South Spring.....	Repairing concrete walks.....		29.59
	General repairs.....	Gravel, crushed stone.	29.01
Thompson.....	General repairs.....		3.22
	Repairing concrete walks.....		58.79
Thorndike.....	Repairing concrete walks.....		12.51
	General repairs.....	Gravel.....	56.23

## WARD SEVEN.

STREET.	Work.	Materials used.	Ex- pense.
Albin road.....	Road machine.....		\$23.45
Allison.....	General repairs.....	Gravel, crushed stone.	18.04
Avon.....	".....	Crushed stone.....	2.70
Badger.....	".....	Gravel.....	8.09
Birch.....	".....	Gravel.....	17.11
Birchdale road.....	Road machine.....		11.05
Bog road.....	Road machine.....		36.80
	General repairs.....	Gravel.....	9.79
	Grading.....	".....	68.20
Bow.....	General repairs.....	".....	2.51
Broadway.....	General repairs.....	".....	2.69
	Repairing sidewalks.....	Crushed stone.....	15.82
	Building concrete walks.....		28.22
Carter.....	Building sidewalks.....	Crushed stone.....	2.70
	Grading.....	Gravel.....	101.24
Clinton.....	Grading.....	".....	56.02
	General repairs.....	".....	40.53

## WARD SEVEN.—Continued.

STREET.	Work.	Materials used.	Ex- pense.
Clinton .....	Repairing sidewalks..	Gravel, crushed stone.	\$17.16
	Building sidewalks...	Gravel, crushed stone.	15.16
Dakin .....	General repairs .....	Gravel .....	8.03
	Grading .....	Gravel .....	28.53
Dakin extension .....	Setting bounds .....	.....	1.63
Dimond Hill road .....	Grading .....	Gravel .....	68.05
Downing .....	General repairs .....	Gravel .....	10.01
	Repairing sidewalks..	Crushed stone .....	14.97
Dunbarton road .....	Repairing sidewalks..	Crushed stone, gravel.	34.57
	General repairs .....	Crushed stone, gravel.	23.83
Dunklee .....	Grading .....	Gravel .....	50.32
	Building sidewalk...	Gravel .....	26.82
Fiske road .....	Repairing sidewalk..	Crushed stone .....	23.11
	Road machine .....	.....	21.95
	General repairs .....	Crushed stone, gravel.	10.54
Glen .....	Repairing sidewalks..	Crushed stone .....	24.55
	Building concrete walks .....	.....	38.52
Hall .....	Building sidewalks..	Crushed stone, gravel.	63.49
	General repairs .....	Crushed stone, gravel.	8.81
Hammond .....	" .....	" .....	.80
Harrison .....	" .....	Crushed stone, gravel.	11.00
Harvard .....	Grading .....	Gravel .....	27.69
Holly .....	Repairing sidewalks..	Crushed stone .....	9.21
Hopkinton Main road.	General repairs .....	Gravel .....	22.19
Hopkinton New road.	General repairs .....	Gravel .....	15.65
	Road machine .....	.....	43.90
Hopkinton Old road..	" .....	.....	24.65
Iron Works road.....	" .....	.....	47.00
	General repairs .....	.....	3.32
Kimball .....	Grading .....	Gravel .....	13.23
Long Pond road .....	General repairs .....	Gravel .....	3.12
	Road machine .....	.....	23.45
Maitland .....	Building sidewalks..	.....	6.87
McKinley .....	Building sidewalks..	Gravel, crushed stone.	109.42
Mills .....	General repairs .....	Gravel .....	11.41
	Repairing sidewalks..	Crushed stone .....	16.36
Minot .....	Repairing sidewalks..	Gravel, crushed stone.	8.30
Morton .....	Building concrete crossing .....	.....	18.76
North Fruit .....	General repairs .....	Gravel .....	1.23
Noyes .....	Grading .....	Gravel .....	32.42
Pillsbury .....	General repairs .....	Gravel, crushed stone.	25.40
Pleasant .....	General repairs .....	Gravel, crushed stone.	42.17
	Building fence .....	.....	68.28
	Repairing sidewalks..	Crushed stone .....	28.85
Princeton .....	Repairing sidewalks..	Crushed stone .....	33.80
Rockingham .....	General repairs .....	Gravel .....	62.62
School .....	General repairs .....	.....	4.67
Silk Farm road .....	Road machine .....	.....	32.90
	Putting in drain .....	.....	7.46
South .....	General repairs .....	Gravel .....	25.58
	Road machine .....	.....	15.45
	Repairing sidewalks..	Crushed stone .....	28.02
South Fruit .....	General repairs .....	Gravel .....	18.66
South Main .....	General repairs .....	Gravel, crushed stone.	324.12
	Repairing concrete walks .....	.....	12.39
	Building concrete crossings .....	.....	15.01
South State .....	Repairing concrete walks .....	.....	37.20
Stickney Hill road....	General repairs .....	Gravel .....	18.87
	Road machine .....	.....	63.50

WARD SEVEN.—Continued.

STREET.	Work.	Materials used.	Ex- pense.
Stickney Hill road....	Raising street .....	Gravel .....	\$304.17
Water .....	General repairs .....	Gravel, crushed stone.	48.02
West .....	General repairs .....	Gravel, crushed stone, stone chips .....	51.64
	Building concrete crossings .....	.....	32.49
Whitredge avenue ...	General repairs .....	.....	2.40
Wiggin .....	General repairs .....	Crushed stone .....	12.30

WARD EIGHT.

STREET.	Work.	Materials used.	Ex- pense.
Break-O-Day road ....	General repairs .....	.....	\$2.92
Bridge .....	General repairs .....	Gravel .....	98.13
	Grading at Gully Hill.	Gravel, crushed stone.	362.95
	Lights in Gully	.....	156.00
	Building 754 feet gravel walks .....	Gravel .....	56.23
Chandler .....	General repairs .....	Crushed stone .....	2.30
Clough's Mill road....	" " .....	Gravel .....	11.22
Depot .....	" " .....	" .....	1.83
East Concord road....	" " .....	" .....	15.54
Ferry .....	Grading .....	Stone chips .....	103.35
Loudon road .....	Grading .....	Gravel .....	414.04
North Main. ....	General repairs .....	Gravel .....	82.40
	Repairing concrete walks .....	.....	59.34
	Repairing concrete roadway .....	.....	4.55
North Pembroke road	General repairs .....	Gravel, crushed stone	23.10
	Grading .....	Gravel .....	263.12
	Building 2,935 feet gravel walk .....	Gravel, crushed stone.	325.85
Sheep Davis road....	General repairs .....	.....	2.83
South Main.....	General repairs .....	Gravel, crushed stone.	79.57
	Repairing concrete walks .....	.....	113.02
South Pembroke road	General repairs .....	Gravel .....	2.83
	Grading .....	Gravel .....	520.40
Stickney avenue.....	General repairs .....	Crushed stone.....	43.24
Sugar Bowl road.....	" " .....	Gravel .....	42.67
Suncook road .....	" " .....	Gravel, crushed stone.	126.67

## WARD NINE.

STREET.	Work.	Materials used.	Ex- pense.
Auburn .....	Road machine. ....		\$37.88
	General repairs .....	Crushed stone, gravel.	17.02
Bradley .....	" .....	Gravel .....	1.10
Charles .....	" .....	Gravel .....	.68
	Repairing concrete walks .....		.67
	Building concrete walks .....		22.60
Curtice avenue .....	General repairs .....	Crushed stone. ....	5.37
East Penacook .....	" .....	Gravel, stone chips. ....	51.75
Fiske road .....	" .....	Gravel .....	23.85
Franklin .....	" .....	" .....	46.99
Granite avenue .....	Grading. ....	" .....	47.48
High .....	General repairs .....		1.58
Little Pond road .....	General repairs .....		26.40
	Road machine. ....		36.40
Long Pond road .....	Road machine. ....		23.45
	Grading. ....	Gravel .....	90.90
	General repairs .....		17.68
North State .....	General repairs .....	Crushed stone, gravel.	41.54
	Repairing sidewalks.	Crushed stone. ....	47.43
	Macadamizing .....		1,497.80
Park Ridge .....	General repairs .....	Crushed stone. ....	1.35
Penacook .....	" .....	Crushed stone, gravel.	25.42
Perkins .....	" .....	Gravel .....	1.63
Rumford .....	" .....	Gravel, crushed stone.	34.66
Walker .....	" .....	Gravel .....	11.86
Waverly .....	" .....		6.75
Wyman .....	" .....	Gravel .....	.50

# WATER DEPARTMENT.

## 1906.

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### BOARD OF WATER COMMISSIONERS.

CHARLES R. CORNING, Mayor, *ex officio*.

HARRY H. DUDLEY,	to March 31, 1910.
NATHANIEL E. MARTIN,	to March 31, 1910.
SOLON A. CARTER,	to March 31, 1909.
HARLEY B. ROBY,	to March 31, 1909.
HENRY C. HOLBROOK,	to March 31, 1908.
HENRY E. CONANT,	to March 31, 1908.
EDSON J. HILL,	to March 31, 1907.
GEORGE D. B. PRESCOTT,	to March 31, 1907.

SOLON A. CARTER, *President*.

EDSON J. HILL, *Clerk of Board*.

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### SUPERINTENDENT.

V. C. HASTINGS.

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### CLERK.

ALICE G. COCHRAN.

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### FOREMAN.

PERCY R. SANDERS.

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### INSPECTOR.

HARRY E. STEVENS.

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### ENGINEER.

HENRY A. ROWELL.

## CONCORD WATER BOARD.

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Date of election and length of service of members.

Abraham G. Jones, <i>ex officio</i> ,	1872—three months.
John M. Hill,*	1872-1878.
Benjamin A. Kimball,	1872-1878.
Josiah Minot,*	1872. Resigned Jan. 10, 1874.
David A. Ward,*	1872-1874.
Edward L. Knowlton,*	1872. Resigned Sept. 25, 1875.
Benjamin S. Warren,*	1872-1873.
John Kimball, <i>ex officio</i> ,	1872-1876.
John Abbott,*	1873-1876.
John S. Russ,*	1874-1877.
Abel B. Holt,*	1874-1877.
Samuel S. Kimball,*	1875. Resigned July 1, 1891.
Geo. A. Pillsbury,* <i>ex officio</i> ,	1876-1878.
Luther P. Durgin,*	1876-1885.
John Kimball,	1877. Resigned July 1, 1891.
William M. Chase,	1877. Resigned July 1, 1891.
Horace A. Brown, <i>ex officio</i> ,	1878-1880.
James L. Mason,*	1878-1893.
James R. Hill,*	1878. Died 1884.
Geo. A. Cummings,* <i>ex officio</i> ,	1880-1883.
Edgar H. Woodman,* <i>ex officio</i> ,	1883-1887.
Joseph H. Abbot,*	1884-1893.
George A. Young,*	1885-1894.
John E. Robertson, <i>ex officio</i> ,	1887-1889.
Stillman Humphrey,* <i>ex officio</i> ,	1889-1891.
Henry W. Clapp,* <i>ex officio</i> ,	1891-1893.
Willis D. Thompson,	1891-1895.
William P. Fiske,	1891-1902.
James H. Chase,*	1891. Died in 1893.

\* Deceased.

John Whitaker,\* 1892. Died in 1903.  
 Henry E. Conant, 1892. Resigned Jan. 8, 1895.  
 Parsons B. Cogswell,\* *ex officio*,  
 1893-1895.  
 Solon A. Carter, 1893. Now in office.  
 Frank D. Abbot, 1893-1901.  
 William M. Mason, 1893-1899.  
 William E. Hood, 1894-1902.  
 Henry Robinson, *ex officio*, 1895-1897.  
 Ebenezer B. Hutchinson, 1895. Resigned Jan. 10, 1899.  
 Edson J. Hill, 1895. Now in office.  
 Albert B. Woodworth, *ex officio*,  
 1897-1899.  
 Nathaniel E. Martin, *ex officio*,  
 1899-1901.  
 Henry E. Conant, 1899. Now in office.  
 Timothy P. Sullivan, 1899. Resigned May 14, 1901.  
 Harry G. Sargent, *ex officio*, 1901-1903.  
 Obadiah Morrill, 1901-1905.  
 George D. B. Prescott, 1901. Now in office.  
 Harry H. Dudley, 1902. Now in office.  
 Nathaniel E. Martin, 1902. Now in office.  
 Charles R. Corning, *ex officio*,  
 1903. Now in office.  
 Henry C. Holbrook, 1903. Now in office.  
 Harley B. Roby, 1905. Now in office.

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 PRESIDENTS OF THE BOARD.

Josiah Minot,\* 1872. Resigned Jan. 10, 1874.  
 Benjamin A. Kimball, 1874-1875.  
 Edward L. Knowlton,\* 1875. Resigned Sept. 25, 1875.  
 John Kimball, 1875-1876.  
 Benjamin A. Kimball, 1876-1878.  
 John Kimball, 1878. Resigned July 1, 1891.  
 William P. Fiske, 1891-1902.  
 Solon A. Carter, 1902. Now in office.

\*Deceased.

## SUMMARY OF STATISTICS.

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### CONCORD, NEW HAMPSHIRE, WATER-WORKS.

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Population of the city by census of 1900,	19,632
Population of that portion of the city included within the water precinct, estimated,	17,000

Date of construction, 1872.

Works are owned by the city.

Source of supply, Penacook Lake, a natural body of water containing 265 acres, situated about three and one-half miles from the state house, and about 125 feet higher than Main Street in front of the state house.

Mode of supply, gravity and pumping to reservoir.

## CONSTRUCTION.

Cost of land damages, flowage and water rights:

Paid B. F. & D. Holden, for water rights,	\$60,000.00
Concord Manufacturing Co., for water rights,	83,000.00
W. P. Cooledge, for mill privilege and land,	5,500.00
Humphrey & Farnum, for kitshop privilege,	4,900.00*
flowage rights around Penacook Lake,	4,375.61
W. P. Cooledge, Hutchins lot,	1,050.00†
Mary C. Rowell, for land,	1,500.00
Moses H. Bradley, for land,	5,000.00
Joseph B. Walker, for land,	2,214.00
John G. Hook, for land,	370.00
A. S. Ranney, for land,	1,350.00
Alfred Roberts, for land,	1,275.00
Charles E. Ballard, for land,	2,500.00
Mary G. Carter, for land,	1,250.00
Elizabeth Widmer, for land,	1,564.50
A. L. Proctor, for land,	450.00
Robert Crowley, for land,	3,000.00
Miles Hodgdon, for land,	2,200.00
heirs of Lowell Brown, for land,	1,032.55
Coffin & Little, for land,	800.00
O. F. Richardson, for land,	100.00
M. H. & C. R. Farnum, for land,	4,500.00

\*Original cost, \$5,000; land sold for \$100.

†Original cost house and lot, \$2,250; portion of lot sold for \$1,200.

Paid Cook & Hood, for land,	\$1,750.00
Charles H. Farnum, for land,	1,410.36
Fred N. Ladd, for land,	300.00
A. W. Hill, for land,	6,500.00
Helen G. Evans and others, for land,	2,000.00
Frank B. Kilburn, for land,	2,500.00
C. H. Amsden, water and flow- age rights,	5,000.00
Cost of property and rights of Tor- rent Aqueduct Association,	20,000.00
dam, gate-house and appur- tenances,	30,756.17
conduit and gate-houses,	29,484.05
mains (low service main and pump main from the dam to Penacook Street, force main from the pump to the reser- voir, fire main through North and South Main Streets, and high service main from Pen- acook Street to Stark Street, Penacook),	182,241.70
distribution pipe,	347,113.88
service pipe,	50,553.18
reservoir,	42,460.09
pumping station, shop, stable and storehouse,	22,000.00
pumping machinery,	17,000.42
engineering and superinten- dence,	14,913.12
incidentals,	6,531.19
Cost of works January 1, 1907,	<u>\$970,445.82</u>

Bonds of the city have been issued to pay a part of said cost, of which the following are still outstanding:

When due.	Rate.	Amount.
Jan. 1, 1907,	4,	\$10,000.00
Jan. 1, 1908,	4,	10,000.00
Jan. 1, 1909,	4,	10,000.00
Jan. 1, 1910,	4,	5,000.00
Jan. 1, 1910,	3,	5,000.00
Jan. 1, 1911,	4,	5,000.00
Jan. 1, 1911,	3,	5,000.00
April 1, 1912,	3½,	10,000.00
Jan. 1, 1913,	4,	10,000.00
Jan. 1, 1914,	4,	10,000.00
Jan. 1, 1915,	4,	10,000.00
Jan. 1, 1916,	4,	10,000.00
Jan. 1, 1917,	4,	10,000.00
Jan. 1, 1918,	4,	10,000.00
Jan. 1, 1919,	4,	10,000.00
Jan. 1, 1920,	3,	10,000.00
Jan. 1, 1921,	3,	5,000.00
April 1, 1921,	3½,	5,000.00
Jan. 1, 1922,	4,	400,000.00
March 1, 1922,	3½,	20,000.00
April 1, 1922,	3½,	30,000.00
Jan. 1, 1923,	3½,	15,000.00
Jan. 1, 1924,	3½,	15,000.00
		<hr/>
		\$630,000.00

## REPORT OF WATER COMMISSIONERS.

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OFFICE OF THE BOARD OF WATER COMMISSIONERS.  
CONCORD, N. H., January 31, 1907.

*To His Honor the Mayor and the City Council:*

The Board of Water Commissioners respectfully submits the following report of the operations of this department for the year 1906, accompanied by the reports of the superintendent and the engineer of the pumping station, which are made a part of this report.

The report of the superintendent exhibits in detail the amount of work done in substituting cast-iron pipe for the original cement-lined pipe.

The work for the coming year is practically decided upon, and the necessary new material has been contracted for at satisfactory prices.

We expect that within a comparatively short period the work of substitution of cast-iron for cement-lined pipe will be completed, relieving the department of so large an annual expenditure for new construction.

The matter of protecting our source of supply, Penacook Lake, from contamination has received the careful consideration of the Board, and during the year we have secured several properties on the shores of the lake with this end in view. The report of the superintendent will exhibit the details of our work in this direction.

In our judgment the time is not far distant when public sentiment will demand more vigorous measures than the Board has heretofore felt justified in adopting.

Respectfully submitted,

HARRY H. DUDLEY,  
NATHANIEL E. MARTIN,  
SOLON A. CARTER,  
HARLEY B. ROBY,  
HENRY C. HOLBROOK,  
HENRY E. CONANT,  
EDSON J. HILL,  
GEORGE D. B. PRESCOTT,  
CHARLES R. CORNING, *ex officio*,  
*Water Commissioners.*

## REPORT OF THE SUPERINTENDENT.

*To the Board of Water Commissioners:*

I herewith present to you the thirty-fifth annual report of the operations of this department, showing the receipts, expenditures and abatements, together with a statement of extensions and improvements made during the year ending December 31, 1906.

### RECEIPTS.

For water, from consumers by fixed rates,	\$29,111.38
For water, from consumers by meter rates,	42,150.85
From delinquents,	79.24
For water used for building purposes,	83.00
For land and buildings sold,	1,350.00
For hay and apples sold,	50.00
For pipe and stock sold,	88.14
For old brass and iron sold,	246.88
	<hr/>
	\$73,159.49
Deduct abatements,	96.04
	<hr/>
Net receipts for 1906,	\$73,063.45

### EXPENDITURES.

#### GENERAL EXPENSES.

Paid pay rolls, salaries and labor,	\$10,989.61
S. G. Sanborn, rent of shop in Penacook,	24.00
Ira C. Evans Co., printing and postage,	176.48

## WATER DEPARTMENT.

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Paid Rumford Printing Co., books,	\$66.75
Henry E. Conant, books,	4.00
People & Patriot Co., printing,	10.00
Concord Evening Monitor,	
printing,	8.44
Frank P. Mace, office supplies,	4.15
Concord Electric Co., lighting,	14.65
N. E. Telephone & Telegraph	
Co., telephones,	112.83
John C. Thorne, rubber boots,	9.25
J. M. Stewart & Sons Co., wall	
paper,	3.80
Thompson & Hoague Co., hard-	
ware,	83.78
W. L. Jenks & Co., hardware,	23.57
A. H. Britton & Co., hardware,	6.17
Joseph T. Walker, hay,	91.70
Wm. P. Ford & Co., stove,	12.00
H. H. Crowell, slab wood,	11.75
D. Waldo White, grain and	
straw,	77.94
G. N. Bartemus & Co., grain,	21.50
T. L. Davis & Co., manila rope,	15.34
Tragle Cordage Co., jute pack-	
ing,	47.25
Walter Macleod & Co., heater,	95.00
Alfred Clark, horse,	100.00
George W. Wales, hose,	15.00
Stoughton Rubber Co., hose,	3.33
Jos. Dixon Crucible Co., grease,	3.50
Batchelder & Co., oil, etc.,	37.37
C. H. Martin & Co., naphtha,	
etc.,	18.28
Woodworth & Co., cement,	12.90
M. J. Drummond & Co., cast-	
iron pipe,	13,202.67

Paid Builders Iron Foundry, castings,	\$63.90
Ford & Kimball, castings and coke,	83.33
Concord Foundry & Machine Co., castings,	2.26
Page Belting Co., pipe, lead, etc.,	70.41
Coffin Valve Co., hydrants,	560.00
R. D. Wood & Co., hydrants,	291.52
Rensselaer Mfg. Co., hydrants,	210.00
Ludlow Valve Mfg. Co., gates,	987.75
Richards & Co., pig lead,	1,329.42
Chadwick-Boston Lead Co., lead pipe,	34.56
J. H. Cunningham Co., wrought-iron pipe and valve boxes,	348.15
Hays Mfg. Co., valve box covers,	3.00
Sumner-Gerald Co., pipe,	34.81
H. Mueller Mfg. Co., brass goods,	81.79
Walworth Mfg. Co., brass goods, valve boxes and tools,	50.68
Harold L. Bond & Co., tools and jute,	25.71
Waldo Bros., tools,	6.00
Crane Co., tools,	4.10
Orr & Rolfe, pipe and labor,	23.09
Lee Bros., pipe and labor,	10.98
Concord Pipe Co., pipe and fittings,	8.06
G. S. Milton & Co., pipe and fittings,	13.39
Thomson Meter Co., meters and repairs,	414.45
Hersey Mfg. Co., meters,	119.58

Paid Henry R. Worthington, meters,	\$71.20
Union Water Meter Co., meters,	31.00
National Meter Co., repairs,	53.77
E. B. Hanchay, smith-work,	133.70
Ross W. Cate, smith-work,	13.25
Rowell & Plummer, mason-work,	16.31
George D. Huntley, repairs,	32.70
Chandler Eastman & Sons, re- pairs,	27.00
J. D. Johnson & Son, repairs and supplies,	14.60
Abbot-Downing Co., repairs,	4.50
George L. Theobald, team-work,	157.55
O. F. Richardson, team-work,	6.20
E. H. Runnells, labor,	4.00
Hutchinson Building Co., lum- ber and labor,	34.78
Geo. Abbott, Jr., painting,	71.46
Benj. Bilsborough, painting and papering,	13.58
J. H. Rowell & Co., repairing concrete,	54.33
city highway department, re- pairing streets,	14.45
Engineering News,	5.00
Morrill & Danforth, insurance,	266.51
Eastman & Merrill, insurance,	9.00
Boston & Maine Railroad, freight,	1,352.58
A. W. Hill, land,	6,500.00
Helen G. Evans and others, land and buildings,	2,000.00
Frank B. Kilburn, land,	2,500.00
town of Webster, taxes,	55.20
A. G. Cochran, clerk, cash paid out,	54.33
incidentals,	27.45
	\$43,603.40

## PUMPING STATION EXPENSES.

Paid pay rolls, engineer and fireman,	\$1,600.00	
labor on fuel,	18.00	
B. P. Burton & Co., coal,	389.57	
Boston & Maine Railroad,		
freight on coal,	95.21	
H. H. Crowell, slab wood,	40.00	
Vacuum Oil Co., oil,	68.84	
Garlock Packing Co., packing,	45.13	
Henry R. Worthington, pack-		
ing,	18.00	
Walworth Mfg. Co., packing		
and glasses,	3.72	
Harold L. Bond & Co., waste,	12.04	
Stoughton Rubber Co., hose,	13.00	
Orr & Rolfe, pipe and labor,	9.78	
Thompson & Hoague Co., sup-		
plies,	11.10	
J. M. Stewart & Sons Co., sup-		
plies,	9.60	
Rumford Printing Co., book,	11.00	
Morrill & Danforth, insurance,	75.00	
Concord Light & Power Co.,		
lighting,	8.17	
N. E. Telephone & Telegraph		
Co., telephone,	35.25	
Boston & Maine Railroad,		
freight,	1.34	
incidentals,	3.40	
		\$2,468.15
		<hr/>
Total expenditures for 1906,		\$46,071.55

The expenditures are divided as follows:

## GENERAL EXPENSES.

For care and maintenance,	\$2,282.61	
office expenses,	1,012.85	
inspection,	660.00	
care and repair of hydrants,	759.64	
repairs on cement-lined pipe,	260.09	
raising road and work at Penacook Lake,	84.25	
new service pipes,	1,632.44	
new distribution pipes,	22,949.14	
new hydrants,	1,413.46	
meter account,	928.17	
land at Penacook Lake,	11,000.00	
incidentals,	620.75	
		————— \$43,603.40

## PUMPING STATION EXPENSES.

For salaries, engineer and fireman,	\$1,600.00	
fuel,	542.78	
oil, packing and waste,	148.32	
repairs,	9.78	
supplies,	48.85	
lighting and telephone,	43.42	
insurance,	75.00	
		————— \$2,468.15

## EXTENSIONS AND IMPROVEMENTS.

Cast-iron main and distribution pipes have been laid and hydrants set during the year as follows:

*In North State Street,*

south from near Chapel to Pleasant Street, 2,733 feet  
20-inch pipe in place of 14-inch and 12-inch cement-lined pipe discontinued.

*In Clinton Street,*

west from South Spring to South Fruit Street, 1,615 feet 10-inch pipe in place of 4-inch cement-lined pipe discontinued.

*In Bradley Street,*

south from Perkins to Franklin Street, 1,514 feet 10-inch pipe in place of 4-inch cement-lined and iron pipe discontinued.

*In Walker Street,*

west from North State to Bradley Street, 610 feet 10-inch pipe in place of 4-inch cement-lined pipe discontinued.

*In Albin Street,*

west from Bradley to Rumford Street, 785 feet 10-inch pipe in place of 4-inch pipe discontinued.

*In Franklin Street,*

west from Jackson to Rumford Street, 650 feet 10-inch pipe in place of 6-inch cement-lined pipe discontinued.

*In Penacook Street,*

east from near North Main Street to Page Belting Co.'s, 672 feet 10-inch pipe in place of 8-inch and 6-inch pipe discontinued.

*In Ferry Street,*

east from North Main Street to Huntoon Avenue, 1,000 feet 8-inch pipe.

*In Washington Street,*

west from North Main to North State Street, 545 feet 8-inch pipe in place of 4-inch cement-lined pipe discontinued.

*In Washington Street,*

west from Rumford Street to Perry Avenue, 498 feet  
8-inch pipe.

*In South Fruit Street,*

north from Clinton Street, 1,447 feet 6-inch pipe in  
place of 4-inch cement-lined pipe discontinued.

*In Jackson Street,*

north from Franklin to Church Street, 505 feet 6-inch  
pipe in place of 4-inch cement-lined pipe discon-  
tinued.

*In Penacook Street,*

extended east from Page Belting Co.'s, 406 feet 6-inch  
pipe.

*In Eastman Street,*

south from Pillsbury to Carter Street, 400 feet 6-inch  
pipe.

*In Chapel Street,*

east from North State Street, 222 feet 6-inch pipe  
in place of 4-inch cement-lined pipe discontinued.

*In Humphrey Street,*

extended west from Kimball Street, 64 feet 6-inch  
pipe.

*On connections,*

59 feet 10-inch pipe, 136 feet 8-inch pipe, 378 feet  
6-inch pipe; in place of 74 feet 8-inch, 94 feet  
6-inch and 324 feet 4-inch cement-lined pipe dis-  
continued.

*On hydrant branches,*

414 feet 6-inch pipe; 174 feet 6-inch and 28 feet 4-inch  
cement-lined pipe discontinued.

*On blow-offs,*

4 feet 6-inch pipe.

Also, 315 feet of 1-inch pipe; 253 feet 1-inch pipe discontinued.

Twenty-three new hydrants have been set as follows:

On Penacook Street at Concord Lumber Co.'s planing mill.

On Albin Street near D. Weathers'.

On Rumford Street at Albin.

On Bradley Street at Franklin.

On Franklin Street at Lyndon.

On Jackson Street at Church.

On Chapel Street near First Methodist Church.

On Ferry Street at Northern Railroad.

On Ferry Street at New England Granite Works.

On Ferry Street at Huntoon Avenue.

On Washington Street at Rollins.

On Washington Street at Essex.

On Holt Street at E. M. Nason's.

On Orchard Street opposite A. P. Sherburne's.

On Minot Street at Odd Fellows' Home.

On North Spring Street at High School.

On Concord Street at South State.

On Downing Street opposite Grove.

On Downing Street at Redwood Avenue.

On Pillsbury Street at Kimball.

On Clinton Street opposite Harvard.

On South Fruit Street at J. C. Kilburn's.

On Humphrey Street near Kimball.

Two hydrants have been replaced by larger ones:

On Bradley Street at Highland.

On South Fruit Street at Critchett's.

There have been set 55 gates; discontinued, 33.

SUMMARY OF THE FOREGOING.

NEW PIPES, HYDRANTS AND STOP-GATES.

<i>Pipes.</i>		<i>Hydrants.</i>		<i>Stop-Gates.</i>	
1-in.,	315 feet.	In city,	27	4-in.,	4
6-in.,	3,840 "			6-in.,	37
8-in.,	2,179 "			8-in.,	5
10-in.,	5,905 "			10-in.,	6
20-in.,	2,733 "			12-in.,	2
				20-in.,	1
	-----		-----		-----
	14,972 feet.		27		55
equal to 2.835 miles.					

PIPES, HYDRANTS AND STOP-GATES DISCONTINUED.

<i>Pipes.</i>		<i>Hydrants.</i>		<i>Stop-Gates.</i>	
1-in.,	253 feet.	In city,	2	4-in.,	19
4-in.,	7,259 "			6-in.,	9
6-in.,	1,033 "			8-in.,	2
8-in.,	631 "			12-in.,	2
12-in.,	1,622 "			14-in.,	1
14-in.,	977 "				
	-----		-----		-----
	11,775 feet.		2		33
equal to 2.23 miles.					

Total length of main and distribution pipes now in use, 348,668 feet, equal to 66.03 miles.

Total number of hydrants now in use, 339.

Total number of gates now in use, 893.

SERVICE PIPES.

There have been laid during the year and connected with the main pipes, 58 service pipes consisting of

54	¾-inch,	1,335 feet.
2	2-inch,	55 feet.
1	4-inch,	47 feet.
1	10-inch,	10 feet.
	-----	-----
58		1,447 feet.

There have been discontinued, 8; whole number in use at the present time, 3,559; total length of service pipes, 82,563 feet, or 15.63 miles. We have placed 106 service boxes at the curb on old services.

We have set 47 meters during the year; 5 have been removed, making the total number now in use, 1,439.

The following table shows the height of water in Penacook Lake on the first day of each month:

January,	183.00	July,	185.10
February,	183.50	August,	184.50
March,	183.70	September,	183.90
April,	184.65	October,	183.00
May,	185.05	November,	182.75
June,	185.50	December,	182.40

The lowest point reached during the year was on December 26, being 182; the highest was on June 1 and was 185.50; mean height for the year was 183.94, which was .57 foot higher than the mean height for the year 1905.

All the buildings owned by the works are in good condition, the woodwork of the pumping station, coal shed, shop and stable having been painted the past summer.

The work of the year has been mainly in relaying the distribution pipes. On all the streets relaid, we have cleaned out the service pipes, renewing them when necessary, and set service boxes when practicable; we also replaced the hydrants on these streets with new ones, most of the old ones having been in use for thirty-four years.

There now remains of the original cement-lined pipe, 18,085 feet, and pipe has already been contracted for to be used next season in relaying 9,349 feet of this amount, thus leaving only 8,736 feet of the original pipe, which, according to the work done in the past few seasons, would be replaced in another year.

It is planned to relay the following streets in 1907: Broadway, South, Centre, Church, Railroad, Hill's Avenue,

Lyndon, Maple, Montgomery, Park, North Spring, Union,  
Washington and West.

I would also recommend that a pipe be extended down  
Dunklee Street from West to Pillsbury.

Respectfully submitted,

V. C. HASTINGS,

*Superintendent.*

## REPORT OF THE ENGINEER OF THE PUMPING STATION.

PUMPING STATION, CONCORD WATER-WORKS.

V. C. HASTINGS, *Superintendent*:

*Sir*: I would report that the pumping machinery at the pumping station is in good working condition.

Following will be found a statement of coal and other supplies used at the pumping station during the year, with a table showing the work for each month:

### STATEMENT.

168 tons 1,933 pounds Cumberland coal.

40 tons 1515 pounds Pocahontas coal.

70 gallons of oil.

49 pounds of waste.

10½ cords of slab wood.

8½ pounds of grease.

### ENGINE RECORD.

MONTHS.	No. of days pump- ing engine No. 1.		No. of days pump- ing engine No. 2.		Total days pump- ing.	Total hours pump- ing.	Average pump ing time.	Total gallons of water pumped.	Daily average pumped.	Total coal con- sumed.	Daily average coal consumed.	Total pounds of wood consumed.	Gallons pumped per pound of coal.*
	H. M.	H. M.	H. M.	H. M.									
January.....	14	13	27	216:30	6:59	16,813,539	542,372	33,351	1,072	1,438	504		
February.....	16	8	24	218:30	7:24	17,578,697	627,810	34,621	1,236	1,099	507		
March.....	10	17	27	223:..	7:11	17,785,034	573,710	34,578	1,115	1,396	514		
April.....	9	13	22	201:..	6:42	16,234,847	541,161	32,472	1,082	1,930	499		
May.....	..	26	26	222:..	7:09	18,201,658	587,150	35,936	1,094	1,775	536		
June.....	10	16	26	231:..	7:42	19,859,382	661,979	36,256	1,208	1,155	547		
July.....	10	15	25	230:..	7:44	19,655,570	634,050	36,022	1,162	1,699	545		
August.....	8	20	28	260:30	8:24	22,024,813	710,477	39,997	1,290	1,231	550		
September....	11	14	25	278:..	9:16	23,845,887	794,862	44,548	1,484	1,482	535		
October....	12	15	27	252:..	8:08	21,379,795	689,670	40,650	1,311	1,852	525		
November....	14	12	26	235:30	7:51	19,919,212	636,973	38,073	1,269	1,716	502		
December....	11	15	26	253:30	8:05	21,580,482	696,144	42,464	1,369	2,234	508		
Total.....	125	184	309	2,821:30	.....	234,878,916	643,503	446,968	1,224	19,007	525		
Daily aver'ge.....	.....	.....	.....	.....	7:21	643,503	.....	1,224	.....	.....	.....		

\*Amount of coal consumed includes that used for starting fires, banking fires and heating the buildings.

Amount of coal consumed per thousand gallons pumped, 1.90 pounds.

HENRY A. ROWELL,

*Engineer.*

## APPENDIX.

## A.

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 December 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
“ “ “ 1892,	48,351.52
“ “ “ 1893,	52,299.66
“ “ “ 1894,	53,230.10
“ “ “ 1895,	55,343.19
“ “ “ 1896,	56,557.81
“ “ “ 1897,	55,156.42
“ “ “ 1898,	59,147.54
“ “ “ 1899,	53,953.13
“ “ “ 1900,	57,003.71
“ “ “ 1901,	62,253.61
“ “ “ 1902,	63,430.85
“ “ “ 1903,	65,088.45
“ “ “ 1904,	68,570.48
“ “ “ 1905,	71,076.44
“ “ “ 1906,	73,063.45
Total receipts for 34 years,	<u>\$1,416,212.09</u>